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FOURTEENTH CENSUS OF THE UNITED STATES
MANUFACTURES: 1919

LOUISIANA

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EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are presented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of this bulletin give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in comparison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

(2)

In order to determine as nearly as possible the age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over, and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured, and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuel is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

LOUISIANA.

GENERAL STATISTICS.

General character of the state.—Louisiana has a gross area of 48,506 square miles, of which 45,409 represent land surface. The inhabitants of the state in 1900 numbered 1,381,625; in 1910, 1,656,388; and in 1920, 1,798,509. In total population Louisiana ranked twenty-second among the states in 1920. The number of inhabitants per square mile in 1910 was 36.5, the corresponding figure for 1920 being 39.6.

In 1920 there were six cities in the state—Alexandria, Baton Rouge, Lake Charles, Monroe, New Orleans, and Shreveport—having more than 10,000 inhabitants. These six cities, the combined population of which in that year was 496,148, or 27.6 per cent of the total for Louisiana, reported 32 per cent of the value of the state's manufactured products in 1919.

Importance and growth of manufactures (Table 1).—The increases in salaries and wages, cost of materials, and value of products, as presented in Table 1, are largely due to the change in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. However, the increases shown in number of establishments, primary horsepower, and number of wage earners employed evidence the growth of the state's manufacturing activities. The addition of the Federal income tax since 1914 accounts for the large increase in "Rent and taxes."

Statistics for the state, by parishes (Table 2).—Figures are not available for comparison of parish totals for 1919 with those for prior censuses.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always satisfactory as indicating their importance from a manufacturing standpoint. In many instances, their ranking would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 31.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 500 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—Increases from 1914 to 1919 are shown in all the details for the six cities included in this table, except for wage earners under 16 years of age in Alexandria, Baton Rouge, and Monroe.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined, and also for each of the six cities having more than 10,000 inhabitants. There were a number of industries in the state in 1919 in which the number of female wage earners predominated. The six cities combined reported a somewhat larger proportion of female wage earners than the state as a whole, 26.1 per cent as compared with 10.2 per cent for the state.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working-day in Louisiana. In that year 8.1 per cent of the wage earners were included in the group "48 and under," as against 25.3 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 73.4 per cent of the total wage earners, as compared with 54.5 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 90.8 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 31.4 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 9.2 per cent of the total number of

manufacturing establishments in the state, but reported 68.6 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at "\$100,000 to \$1,000,000" constituted one group, but at the census of 1919 this group was subdivided into "\$100,000 to \$500,000" and "\$500,000 to \$1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for all items for 1909, and for the average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group of the industry with those of some other group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations owned but 42.7 per cent of the number of establishments in the state in 1919, they reported 87.9 per cent of the average number of wage earners and 90.1 per cent of total value of products. During the five-year period 1914 to 1919, the average number of wage earners in corporations increased 20,063, or 30.3 per cent, and the value of products \$386,724,611, or 173.8 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in

the six cities in 1919 represented 43.6 per cent of the total in the state. They reported in that year 32.5 per cent of the average number of wage earners and 32 per cent of the total value of products.

Principal industries in New Orleans, with per cent of total for the state (Table 16).—This table includes all industries in New Orleans having products of \$1,000,000 and over, the figures being given for those which can be shown without disclosing the operations of individual establishments.

It is deemed of first importance to present the statistics of the state as a whole for all industries which can be shown without disclosing the operations of individual establishments. In so doing, however, it sometimes happens that quite important industries can not be shown in the city, since to do so might disclose the operations of establishments located outside by the simple deduction of the totals shown for the industry in the city from those given in the detailed state table.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that of 1914, shows an increase of 33,412 horsepower, or 9.4 per cent. This increase, however, is chiefly due to the gain of 25,455 horsepower, or 149.7 per cent, in rented power. The owned power increased 7,957 horsepower, or 2.4 per cent, during the five-year period.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel.

The large increase in the amount of gas consumed in 1919, as compared with 1914, is due to the bone and carbon black industry which reported 82.8 per cent of the total quantity of gas consumed in the state. In 1914 there were no establishments in the state engaged in this industry.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

| | MANUFACTURING INDUSTRIES. | | | | | PER CENT OF INCREASE. ¹ | | | |
|------------------------------------|---------------------------|---------------|---------------|---------------|------------------|------------------------------------|-----------|-----------|-----------|
| | 1919 | 1914 | 1909 | 1904 | 1899 | 1914-1919 | 1909-1914 | 1904-1909 | 1899-1904 |
| Number of establishments..... | 2,617 | 2,211 | 2,510 | 2,091 | 1,826 | 18.4 | -12.1 | 20.3 | 14.5 |
| Persons engaged..... | 112,523 | 88,014 | 86,563 | 63,735 | (²) | 27.8 | 1.7 | 35.8 | ..... |
| Proprietors and firm members..... | 2,042 | 1,860 | 2,295 | 1,899 | (²) | 10.4 | -19.4 | 20.9 | ..... |
| Salaried employees..... | 12,216 | 8,499 | 8,103 | 5,977 | 3,576 | 43.7 | 4.9 | 35.0 | 67.1 |
| Wage earners (average number)..... | 98,265 | 77,065 | 76,165 | 55,859 | 40,878 | 26.5 | 2.0 | 36.4 | 36.6 |
| Primary horsepower..... | 388,005 | 355,193 | 346,052 | 251,963 | 190,182 | 9.4 | 2.5 | 37.0 | 32.5 |
| Capital..... | \$462,209,057 | \$281,635,022 | \$221,810,398 | \$150,810,608 | \$100,874,729 | 76.7 | 18.0 | 47.1 | 49.5 |
| Salaries and wages..... | 117,351,989 | 50,712,012 | 42,394,039 | 31,360,154 | 17,659,372 | 131.4 | 19.0 | 35.2 | 77.6 |
| Salaries..... | 22,940,287 | 11,187,552 | 9,008,135 | 6,044,404 | 2,933,935 | 105.5 | 24.0 | 49.0 | 106.0 |
| Wages..... | 94,405,732 | 39,544,460 | 33,385,904 | 25,315,750 | 14,725,437 | 138.7 | 18.4 | 31.9 | 71.9 |
| Paid for contract work..... | 3,428,125 | 2,537,779 | 2,555,405 | 2,801,394 | (³) | 35.1 | -0.7 | -8.8 | ..... |
| Rent and taxes..... | 28,288,203 | 9,784,028 | 10,615,968 | \$ 1,421,180 | (²) | 189.1 | -7.8 | ..... | ..... |
| Cost of materials..... | 431,403,867 | 157,886,027 | 134,304,775 | 117,035,305 | 75,403,937 | 173.2 | 17.1 | 15.2 | 55.2 |
| Value of products..... | 676,189,770 | 255,312,648 | 223,948,638 | 180,379,592 | 111,397,919 | 164.8 | 14.0 | 20.2 | 67.3 |
| Value added by manufacture..... | 244,785,903 | 97,426,621 | 89,083,893 | 69,344,287 | 35,993,982 | 151.3 | 9.4 | 28.5 | 92.7 |

¹ A minus sign (—) denotes decrease.

² Figures not available.

³ Exclusive of internal revenue.

⁴ Value of products less cost of materials.

MANUFACTURES—LOUISIANA.

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TABLE 2.—STATISTICS FOR THE STATE, BY PARISHES: 1919.

| PARISH. | Number of establishments. | WAGE EARNERS. | | Rent and taxes. | Cost of materials. | Value of products. | Value added by manufacture. | Primary horsepower. |
|---------------------------------------|---------------------------|-----------------|--------------|-----------------|--------------------|--------------------|-----------------------------|---------------------|
| | | Average number. | Wages. | | | | | |
| The state..... | 2,617 | 98,265 | \$94,405,732 | \$28,288,203 | \$431,403,897 | \$676,189,770 | \$244,785,903 | 388,605 |
| Acadia..... | 44 | 410 | 306,300 | 77,109 | 11,650,253 | 13,618,364 | 1,968,111 | 3,944 |
| Allen..... | 28 | 3,096 | 3,334,012 | 1,059,078 | 2,890,900 | 11,045,718 | 8,184,818 | 8,848 |
| Ascension..... | 34 | 654 | 544,246 | 33,465 | 1,578,039 | 2,687,522 | 709,483 | 5,201 |
| Assumption..... | 21 | 946 | 477,321 | 87,722 | 3,458,334 | 4,732,762 | 1,274,428 | 9,237 |
| Avoyelles..... | 16 | 98 | 86,674 | 6,291 | 633,280 | 804,894 | 171,614 | 1,238 |
| Beauregard..... | 34 | 4,371 | 4,863,932 | 1,227,825 | 5,018,686 | 15,337,420 | 10,318,743 | 14,390 |
| Bianville..... | 23 | 356 | 333,537 | 28,424 | 371,392 | 1,073,338 | 701,946 | 1,542 |
| Bossier..... | 11 | 329 | 277,098 | 146,200 | 2,438,556 | 3,136,538 | 697,082 | 1,913 |
| Caddo..... | 116 | 2,657 | 2,951,983 | 395,068 | 11,881,659 | 19,412,989 | 7,531,830 | 10,009 |
| Calcasieu..... | 70 | 2,650 | 3,094,504 | 452,277 | 6,976,584 | 12,479,904 | 5,503,320 | 13,654 |
| Claiborne..... | 22 | 240 | 237,147 | 4,433 | 191,332 | 741,032 | 549,700 | 1,121 |
| Concordia..... | 10 | 413 | 433,981 | 26,866 | 524,033 | 1,530,307 | 1,005,274 | 3,031 |
| De Soto..... | 22 | 399 | 398,895 | 74,724 | 682,489 | 1,646,479 | 963,990 | 1,447 |
| East Baton Rouge..... | 70 | 3,602 | 4,735,846 | 5,790,410 | 44,621,993 | 67,808,596 | 22,986,603 | 10,974 |
| East Carroll..... | 6 | 150 | 172,574 | 46,054 | 101,326 | 589,565 | 488,239 | 352 |
| East Feliciana..... | 12 | 52 | 20,425 | 341 | 34,972 | 111,572 | 76,600 | 535 |
| Evangeline..... | 12 | 393 | 533,216 | 22,461 | 470,968 | 1,273,765 | 802,797 | 1,571 |
| Franklin..... | 11 | 483 | 252,607 | 27,395 | 206,014 | 1,180,095 | 974,081 | 1,267 |
| Grant..... | 11 | 1,108 | 1,073,247 | 267,703 | 1,034,718 | 3,012,875 | 1,978,157 | 5,659 |
| Iberia..... | 53 | 1,153 | 847,824 | 328,332 | 2,836,672 | 5,519,162 | 2,682,490 | 7,776 |
| Iberville..... | 58 | 1,441 | 1,048,001 | 272,606 | 4,912,934 | 7,747,526 | 2,831,592 | 11,583 |
| Jackson..... | 15 | 939 | 671,980 | 92,029 | 1,212,332 | 2,564,087 | 1,352,655 | 2,933 |
| Jefferson..... | 50 | 3,590 | 3,321,287 | 1,610,931 | 58,289,558 | 72,635,091 | 14,345,533 | 10,251 |
| Jefferson Davis..... | 28 | 279 | 243,858 | 32,428 | 3,665,064 | 4,169,745 | 604,081 | 1,328 |
| La Salle..... | 8 | 1,188 | 1,333,067 | 260,423 | 748,052 | 3,845,366 | 3,097,314 | 10,744 |
| Lafayette..... | 32 | 422 | 449,405 | 20,018 | 2,255,665 | 3,165,190 | 909,525 | 6,806 |
| Lafourche..... | 65 | 1,647 | 1,158,288 | 173,696 | 6,819,768 | 9,457,631 | 2,637,863 | 14,192 |
| Lincoln..... | 25 | 419 | 341,787 | 23,507 | 945,416 | 1,877,847 | 732,431 | 1,590 |
| Livingston..... | 10 | 304 | 287,821 | 27,178 | 341,673 | 731,893 | 390,320 | 1,176 |
| Morehouse..... | 18 | 444 | 414,470 | 50,620 | 614,203 | 1,331,379 | 817,176 | 1,592 |
| Natchitoches..... | 34 | 1,257 | 1,201,312 | 160,379 | 1,124,015 | 3,093,172 | 2,569,157 | 4,932 |
| Orleans..... | 873 | 26,641 | 24,613,826 | 9,044,804 | 113,308,499 | 182,798,561 | 69,490,062 | 52,507 |
| Ouachita..... | 55 | 1,278 | 1,227,446 | 137,135 | 3,374,386 | 6,059,629 | 2,085,243 | 5,517 |
| Plaquemines..... | 6 | 236 | 202,168 | 21,749 | 957,670 | 1,369,140 | 411,404 | 2,595 |
| Pointe Coupee..... | 19 | 682 | 564,806 | 65,549 | 1,900,945 | 3,119,264 | 1,218,319 | 4,420 |
| Rapides..... | 97 | 4,928 | 5,187,219 | 969,631 | 7,077,189 | 17,298,069 | 10,220,880 | 15,287 |
| Richland..... | 19 | 804 | 612,975 | 58,228 | 707,254 | 1,653,367 | 946,113 | 2,011 |
| Sabine..... | 19 | 1,544 | 2,004,393 | 187,611 | 1,700,378 | 5,061,747 | 3,361,369 | 4,034 |
| St. Charles..... | 11 | 208 | 339,842 | 359,537 | 2,886,080 | 6,127,030 | 3,240,950 | 1,844 |
| St. Helena..... | 6 | 35 | 29,914 | 212 | 6,720 | 59,621 | 52,901 | 189 |
| St. James..... | 37 | 2,232 | 1,956,588 | 363,315 | 18,433,663 | 22,316,419 | 3,882,756 | 10,120 |
| St. John the Baptist..... | 19 | 1,255 | 1,060,281 | 164,367 | 5,349,847 | 8,013,515 | 2,063,068 | 10,259 |
| St. Landry..... | 50 | 601 | 572,410 | 97,252 | 1,792,547 | 2,588,496 | 1,095,859 | 3,720 |
| St. Martin..... | 24 | 150 | 94,908 | 42,614 | 1,106,039 | 1,488,573 | 382,534 | 2,980 |
| St. Mary..... | 70 | 4,308 | 3,348,621 | 372,814 | 10,369,835 | 17,216,283 | 6,840,448 | 20,669 |
| St. Tammany..... | 51 | 2,631 | 2,518,536 | 206,133 | 2,547,765 | 6,429,937 | 3,882,172 | 7,994 |
| Tangipahoa..... | 50 | 2,656 | 2,123,200 | 170,994 | 2,344,718 | 6,367,507 | 4,022,789 | 5,307 |
| Terrebonne..... | 32 | 1,073 | 1,074,015 | 336,876 | 5,345,167 | 8,181,087 | 2,835,020 | 13,107 |
| Union..... | 10 | 115 | 145,130 | 14,447 | 207,443 | 462,912 | 256,469 | 538 |
| Vermilion..... | 42 | 332 | 304,360 | 19,100 | 5,976,411 | 7,492,371 | 1,515,060 | 5,162 |
| Vernon..... | 37 | 3,317 | 3,636,587 | 857,006 | 3,201,600 | 10,660,572 | 7,407,972 | 12,459 |
| Washington..... | 20 | 2,493 | 2,950,870 | 287,951 | 2,039,134 | 8,691,468 | 5,752,334 | 14,148 |
| Webster..... | 24 | 515 | 433,865 | 59,021 | 367,316 | 1,170,625 | 893,300 | 3,509 |
| West Baton Rouge..... | 15 | 625 | 421,576 | 146,938 | 1,064,561 | 3,278,324 | 1,313,763 | 5,893 |
| West Carroll..... | 9 | 201 | 183,050 | 2,289 | 170,617 | 763,068 | 583,451 | 935 |
| Winn..... | 16 | 873 | 959,022 | 38,162 | 852,836 | 2,722,266 | 1,869,430 | 3,001 |
| All other parishes ¹ | 81 | 2,516 | 2,330,414 | 838,175 | 58,145,461 | 66,328,276 | 8,182,815 | 9,735 |

¹ All other parishes comprise Caldwell, Cameron, Catahoula, Madison, Red River, St. Bernard, Tensas, and West Feliciana.

MANUFACTURES—LOUISIANA.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

| INDUSTRY. | Number of establishments. | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | | INDUSTRY. | Number of establishments. | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | |
|---|---------------------------|-----------------|------------------------|----------------------------------|------------------------|----------------------------------|------------------------|--|---------------------------|-----------------|------------------------|----------------------------------|------------------------|----------------------------------|------------------------|
| | | Average number. | Per cent distribution. | Amount (expressed in thousands). | Per cent distribution. | Amount (expressed in thousands). | Per cent distribution. | | | Average number. | Per cent distribution. | Amount (expressed in thousands). | Per cent distribution. | Amount (expressed in thousands). | Per cent distribution. |
| All industries..... | 2,617 | 98,265 | 100.0 | \$876,190 | 100.0 | \$244,786 | 100.0 | Printing and publishing, newspapers and periodicals..... | 149 | 711 | 0.7 | \$4,979 | 0.7 | \$3,085 | 1.3 |
| Sugar, including refining..... | 102 | 7,698 | 7.8 | 141,843 | 21.0 | 20,803 | 8.4 | Fertilizers..... | 6 | 584 | 0.6 | 4,197 | 0.6 | 1,563 | 0.6 |
| Lumber and timber products..... | 511 | 42,164 | 42.9 | 120,716 | 17.9 | 83,614 | 34.2 | Boxes, wooden packing, except cigar boxes..... | 17 | 1,282 | 1.3 | 4,173 | 0.6 | 1,782 | 0.7 |
| Petroleum, refining..... | 10 | 2,841 | 2.9 | 75,024 | 11.1 | 25,420 | 10.4 | Ice, manufactured..... | 70 | 785 | 0.8 | 3,990 | 0.6 | 2,668 | 1.1 |
| Oil and cake, cottonseed..... | 28 | 1,805 | 1.6 | 37,162 | 8.5 | 6,997 | 2.9 | Confectionery..... | 20 | 668 | 0.7 | 3,277 | 0.5 | 1,432 | 0.6 |
| Rice, cleaning and polishing..... | 40 | 1,121 | 1.1 | 41,220 | 6.1 | 5,203 | 2.1 | Cooperage..... | 19 | 328 | 0.8 | 3,215 | 0.5 | 1,082 | 0.4 |
| Food preparations, not elsewhere specified..... | 42 | 1,760 | 1.8 | 34,406 | 5.1 | 7,330 | 3.0 | Clothing, men's..... | 16 | 999 | 1.0 | 3,033 | 0.4 | 1,166 | 0.4 |
| Bags, other than paper, not including bags made in textile mills..... | 5 | 634 | 0.6 | 18,310 | 2.7 | 3,951 | 1.6 | Printing and publishing, book and job..... | 109 | 795 | 0.8 | 2,941 | 0.4 | 1,809 | 0.7 |
| Bread and other bakery products..... | 309 | 2,088 | 2.1 | 12,673 | 1.9 | 4,541 | 1.9 | Mineral and soda waters..... | 70 | 440 | 0.5 | 2,777 | 0.4 | 1,374 | 0.6 |
| Shipbuilding, steel..... | 6 | 3,329 | 3.4 | 12,432 | 1.8 | 7,342 | 3.0 | Wood preserving..... | 6 | 292 | 0.3 | 2,740 | 0.4 | 1,060 | 0.4 |
| Foundry and machine-shop products..... | 90 | 2,161 | 2.2 | 10,697 | 1.6 | 6,440 | 2.6 | Copper, tin, and sheet-iron work..... | 43 | 438 | 0.4 | 2,152 | 0.3 | 1,015 | 0.4 |
| Cars and general shop construction and repairs by steam-railroad companies..... | 28 | 4,424 | 4.5 | 9,519 | 1.4 | 6,721 | 2.7 | Furniture..... | 17 | 564 | 0.6 | 1,916 | 0.3 | 936 | 0.4 |
| Liquors, distilled, grain alcohol..... | 6 | 279 | 0.3 | 8,246 | 1.2 | 4,069 | 1.7 | Confectionery (ice cream)..... | 21 | 150 | 0.2 | 1,820 | 0.3 | 588 | 0.2 |
| Tobacco, cigars and cigarettes..... | 46 | 2,171 | 2.2 | 8,221 | 1.2 | 4,801 | 2.0 | Mattresses and spring beds, not elsewhere specified..... | 13 | 293 | 0.3 | 1,619 | 0.2 | 743 | 0.3 |
| Coffee and spice, roasting and grinding..... | 29 | 271 | 0.3 | 7,935 | 1.2 | 2137 | 0.9 | Automobile repairing..... | 128 | 523 | 0.5 | 1,548 | 0.2 | 900 | 0.4 |
| Liquors, malt..... | 8 | 426 | 0.4 | 5,778 | 0.9 | 4,174 | 1.7 | Flour-mill and gristmill products..... | 17 | 48 | 0.1 | 1,384 | 0.2 | 196 | 0.1 |
| Turpentine and rosin..... | 33 | 2,604 | 2.7 | 6,591 | 0.8 | 4,211 | 1.7 | Boots and shoes..... | 4 | 300 | 0.3 | 1,136 | 0.2 | 403 | 0.2 |
| Lumber, planing-mill products, not including planing mills connected with sawmills..... | 51 | 1,050 | 1.1 | 5,570 | 0.8 | 2,160 | 0.9 | Clothing, women's..... | 12 | 266 | 0.3 | 1,095 | 0.2 | 437 | 0.2 |
| Shipbuilding, wooden, including boat building..... | 16 | 2,017 | 2.1 | 5,166 | 0.8 | 3,260 | 1.3 | Cars and general shop construction and repairs by electric-railroad companies..... | 7 | 417 | 0.4 | 1,066 | 0.2 | 620 | 0.3 |
| | | | | | | | | Bone and carbon black..... | 7 | 129 | 0.1 | 1,002 | 0.1 | 539 | 0.2 |
| | | | | | | | | All other industries..... | 401 | 9,080 | 9.2 | 45,621 | 6.7 | 18,425 | 7.5 |

¹ Among the industries for which statistics can not be shown separately without the possibility of disclosing operations of individual establishments are a number having products in excess of some for which figures are shown in the table. Of these industries the most important are the following: "Gas, illuminating and heating"; "knit goods"; "oil, vegetable and mineral"; "paper and wood pulp"; "salt"; and "tinware, not elsewhere specified."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

| CLASS. | Census year. | Total. | Male. | Female. | PER CENT OF TOTAL. | | CLASS. | Census year. | Total. | Male. | Female. | PER CENT OF TOTAL. | |
|---------------------------------------|--------------|---------|---------|---------|--------------------|---------|---------------------------------------|--------------|--------|--------|---------|--------------------|---------|
| | | | | | Male. | Female. | | | | | | Male. | Female. |
| All classes..... | 1919 | 112,523 | 100,581 | 11,942 | 89.4 | 10.6 | Clerks and other salaried employees.. | 1919 | 7,646 | 5,937 | 1,709 | 77.6 | 22.4 |
| | 1914 | 88,014 | 81,473 | 6,541 | 92.6 | 7.4 | | 1914 | 5,916 | 5,262 | 654 | 88.9 | 11.1 |
| | 1909 | 86,563 | 80,787 | 5,776 | 93.3 | 6.7 | | 1909 | 5,397 | 4,838 | 559 | 89.6 | 10.4 |
| Proprietors and officials..... | 1919 | 6,612 | 6,385 | 227 | 96.6 | 3.4 | Wage earners (average number)..... | 1919 | 98,265 | 88,259 | 10,006 | 89.8 | 10.2 |
| | 1914 | 4,433 | 4,286 | 147 | 96.7 | 3.3 | | 1914 | 77,665 | 71,925 | 5,740 | 92.6 | 7.4 |
| | 1909 | 5,001 | 4,822 | 179 | 96.4 | 3.6 | | 1909 | 76,165 | 71,127 | 5,038 | 93.4 | 6.6 |
| Proprietors and firm members.... | 1919 | 2,042 | 1,930 | 112 | 94.5 | 5.5 | 16 years of age and over..... | 1919 | 97,117 | 87,776 | 9,341 | 90.4 | 9.6 |
| | 1914 | 1,850 | 1,735 | 115 | 93.8 | 6.2 | | 1914 | 76,432 | 71,096 | 5,336 | 93.0 | 7.0 |
| | 1909 | 2,295 | 2,144 | 151 | 93.4 | 6.6 | | 1909 | 74,626 | 70,153 | 4,473 | 94.0 | 6.0 |
| Salaried officers of corporations.... | 1919 | 1,480 | 1,434 | 46 | 96.9 | 3.1 | Under 16 years of age..... | 1919 | 1,148 | 483 | 665 | 42.1 | 57.9 |
| | 1914 | 966 | 947 | 19 | 98.0 | 2.0 | | 1914 | 1,233 | 829 | 404 | 67.2 | 32.8 |
| | 1909 | 872 | 861 | 11 | 98.7 | 1.3 | | 1909 | 1,539 | 974 | 565 | 63.3 | 36.7 |
| Superintendents and managers.... | 1919 | 3,090 | 3,021 | 69 | 97.8 | 2.2 | | | | | | | |
| | 1914 | 1,617 | 1,604 | 13 | 99.2 | 0.8 | | | | | | | |
| | 1909 | 1,834 | 1,817 | 17 | 99.1 | 0.9 | | | | | | | |

MANUFACTURES—LOUISIANA.

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TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

| INDUSTRY. | Cen- sus year. | Wage earners (aver- age num- ber). | PER CENT OF TOTAL | | | INDUSTRY. | Cen- sus year. | Wage earners (aver- age num- ber). | PER CENT OF TOTAL | | |
|--|----------------------|---|------------------------------|--------------|--------------------------------------|--|----------------------|---|------------------------------|--------------|--------------------------------------|
| | | | 16 years of age and over. | | Un- der 16 years of age. | | | | 16 years of age and over. | | Un- der 16 years of age. |
| | | | Male. | Fe- male. | | | | | Male. | Fe- male. | |
| All industries..... | 1919 | 98,265 | 89.3 | 9.5 | 1.2 | Ice, manufactured..... | 1919 | 785 | 97.7 | 0.5 | 1.8 |
| | 1914 | 77,665 | 91.5 | 6.9 | 1.6 | | 1914 | 782 | 96.2 | ..... | 3.8 |
| | 1909 | 76,165 | 92.1 | 5.9 | 2.0 | Lumber and timber products..... | 1919 | 42,194 | 99.7 | 0.2 | 0.1 |
| Automobile repairing..... | 1919 | 523 | 98.9 | 0.2 | 1.0 | | 1914 | 42,169 | 99.6 | (1) | 0.3 |
| | 1914 | 17 | 100.0 | ..... | ..... | Lumber, planing-mill products, not includ- ing planing mills connected with sawmills. | 1919 | 1,050 | 99.1 | 0.3 | 0.6 |
| Bags, other than paper, not including bags made in textile mills. | 1919 | 634 | 33.6 | 62.3 | 4.1 | | 1914 | 1,089 | 99.9 | ..... | 0.1 |
| | 1914 | 713 | 46.6 | 45.3 | 8.1 | Oil and cake, cottonseed..... | 1919 | 1,605 | 96.6 | 3.4 | ..... |
| Boxes, wooden packing, except cigar boxes.. | 1919 | 1,282 | 85.2 | 14.0 | 0.9 | | 1914 | 1,127 | 98.7 | 1.3 | ..... |
| | 1914 | 1,155 | 79.1 | 7.4 | 13.5 | Petroleum, refining ² | 1919 | 2,841 | 99.6 | 0.4 | ..... |
| Bread and other bakery products..... | 1919 | 2,088 | 64.7 | 31.9 | 3.4 | | 1914 | 795 | 79.2 | 18.1 | 2.6 |
| | 1914 | 1,440 | 82.3 | 14.9 | 2.8 | Printing and publishing, book and job..... | 1914 | 619 | 82.4 | 13.2 | 4.4 |
| Cars and general shop construction and re- pairs by steam-railroad companies. | 1919 | 4,424 | 99.1 | 0.9 | ..... |  | 1919 | 711 | 76.9 | 11.0 | 12.1 |
| | 1914 | 2,697 | 99.3 | 0.7 | ..... |  | 1914 | 641 | 90.8 | 4.7 | 4.5 |
| Clothing, men's..... | 1919 | 909 | 11.9 | 85.4 | 2.7 | Printing and publishing, newspapers and periodicals. | 1919 | 711 | 76.9 | 11.0 | 12.1 |
| | 1914 | 775 | 9.4 | 89.0 | 0.6 | | 1914 | 641 | 90.8 | 4.7 | 4.5 |
| Confectionery and ice cream..... | 1919 | 818 | 38.0 | 59.0 | 2.9 | Rice, cleaning and polishing..... | 1919 | 1,121 | 99.6 | 0.2 | 0.2 |
| | 1914 | 297 | 42.8 | 52.0 | 4.4 | | 1914 | 735 | 100.0 | ..... | ..... |
| Cooperage..... | 1919 | 828 | 94.8 | 5.2 | ..... | Shipbuilding, steel ² | 1919 | 3,329 | 99.9 | ..... | 0.1 |
| | 1914 | 745 | 98.7 | ..... | 1.3 | | 1914 | 2,017 | 99.9 | ..... | 0.1 |
| Fertilizers..... | 1919 | 584 | 88.5 | 11.5 | ..... | Shipbuilding, wooden, including boat build- ing. | 1914 | 419 | 99.3 | ..... | 0.7 |
| | 1914 | 408 | 99.8 | ..... | 0.2 | Sugar, including refining..... | 1919 | 7,698 | 99.6 | 8.7 | 0.7 |
| Food preparations, not elsewhere specified.. | 1919 | 1,700 | 72.2 | 27.0 | 0.8 | | 1914 | 4,798 | 97.1 | 1.6 | 1.3 |
| | 1914 | 994 | 74.2 | 21.4 | 4.3 | Tobacco, cigars and cigarettes ² | 1919 | 2,171 | 18.8 | 69.6 | 11.5 |
| Foundry and machine-shop products..... | 1919 | 2,161 | 99.0 | 0.2 | 0.2 | | 1914 | 2,604 | 99.1 | 0.9 | ..... |
| | 1914 | 1,312 | 99.5 | 0.2 | 0.4 | Turpentine and rosin..... | 1914 | 2,472 | 99.4 | ..... | 0.6 |
| Furniture..... | 1919 | 564 | 82.3 | 16.1 | 1.6 | All other industries..... | 1919 | 12,679 | 68.8 | 27.3 | 3.9 |
| | 1914 | 347 | 97.7 | 0.3 | 2.0 | | 1914 | 11,914 | 66.5 | 28.6 | 4.9 |

¹ Less than one-tenth of 1 per cent.

² Not shown separately in 1914.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

| CITY. | AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. | | | | | | | | | | | | VALUE OF PRODUCTS. | | |
|-------------------|---|--------|--------|---------------------------|--------|--------|---------|-------|-------|------------------------|------|------|--------------------|-------------|-------------|
| | Total. | | | 16 years of age and over. | | | | | | Under 16 years of age. | | | | | |
| | | | | Male. | | | Female. | | | | | | | | |
| | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 |
| | Alexandria..... | 724 | 359 | 188 | 686 | 346 | 181 | 35 | 9 | 3 | 3 | 4 | 4 | \$4,349,790 | \$1,055,784 | $580,159 |
| Baton Rouge..... | 500 | 358 | 355 | 465 | 331 | 329 | 35 | 17 | 20 | ..... | 10 | 0 | 3,604,282 | 1,122,086 | 652,415 |
| Lake Charles..... | 1,222 | 1,101 | 736 | 1,149 | 1,082 | 730 | 35 | 7 | 2 | 38 | 12 | 4 | 8,290,780 | 3,683,863 | 2,250,973 |
| Monroe..... | 745 | 609 | 406 | 733 | 596 | 403 | 12 | 2 | 1 | ..... | 11 | 2 | 4,159,104 | 1,128,176 | 635,736 |
| New Orleans..... | 26,641 | 17,348 | 17,186 | 18,234 | 11,853 | 12,209 | 7,522 | 4,810 | 4,005 | 885 | 686 | 972 | 182,798,561 | 69,814,081 | 78,704,030 |
| Shreveport..... | 2,127 | 1,530 | 1,114 | 2,034 | 1,480 | 1,105 | 60 | 45 | 6 | 27 | 8 | 3 | 12,876,467 | 6,250,231 | 3,042,609 |

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

| MONTH. | NUMBER. ¹ | | | PER CENT OF MAXIMUM. | | | MONTH. | NUMBER. ¹ | | | PER CENT OF MAXIMUM. | | |
|---------------|----------------------|--------|--------|----------------------|------|------|----------------|----------------------|--------|--------|----------------------|-------|-------|
| | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 |
| January..... | 93,443 | 78,445 | 71,118 | 79.4 | 96.6 | 77.5 | July..... | 95,429 | 77,880 | 73,270 | 81.1 | 95.9 | 79.8 |
| February..... | 91,919 | 77,385 | 69,630 | 78.1 | 95.3 | 75.8 | August..... | 97,890 | 75,848 | 73,576 | 83.2 | 93.4 | 80.1 |
| March..... | 89,172 | 78,311 | 72,237 | 75.8 | 96.5 | 78.7 | September..... | 98,868 | 75,168 | 74,272 | 84.0 | 92.6 | 80.9 |
| April..... | 89,695 | 78,005 | 71,911 | 76.2 | 97.2 | 78.3 | October..... | 106,465 | 78,032 | 83,413 | 90.5 | 96.1 | 90.8 |
| May..... | 91,541 | 76,004 | 70,050 | 77.8 | 94.4 | 76.3 | November..... | 117,665 | 81,183 | 90,630 | 100.0 | 100.0 | 98.7 |
| June..... | 89,800 | 76,265 | 72,066 | 76.3 | 93.0 | 78.5 | December..... | 117,203 | 77,955 | 91,814 | 99.7 | 96.0 | 100.0 |

¹ The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by bold-faced figures, minimum by italic figures.

MANUFACTURES—LOUISIANA.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1914.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

| INDUSTRY AND CITY. | Average number employed during year. | NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY. | | | | | | | | | | | | Per cent minimum is of maximum. |
|---|--------------------------------------|---|--------------|---------------|--------------|------------|--------------|--------------|---------------|--------------|--------------|--------------|------------|---------------------------------|
| | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | |
| All industries..... | 98,265 | 93,443 | 91,919 | 89,173 | 89,095 | 91,541 | 89,800 | 95,429 | 97,890 | 98,868 | 106,465 | 117,665 | 117,293 | 75.8 |
| Males..... | 88,259 | 84,108 | 82,583 | 79,886 | 80,180 | 81,969 | 80,423 | 86,013 | 88,539 | 88,991 | 95,756 | 105,290 | 105,370 | 75.8 |
| Females..... | 10,006 | 9,335 | 9,336 | 9,286 | 9,515 | 9,572 | 9,377 | 9,416 | 9,351 | 9,877 | 10,709 | 12,375 | 11,923 | 75.0 |
| Automobile repairing..... | 523 | 462 | 462 | 467 | 491 | 513 | 531 | 543 | 540 | 570 | 564 | 576 | 567 | 79.3 |
| Bags, other than paper, not including bags made in textile mills..... | 634 | 581 | 600 | 591 | 581 | 606 | 622 | 650 | 643 | 669 | 702 | 687 | 676 | 82.8 |
| Boxes, wooden packing, except cigar boxes..... | 1,282 | 1,397 | 1,423 | 1,349 | 1,259 | 1,223 | 1,156 | 1,308 | 1,290 | 1,198 | 812 | 1,261 | 1,705 | 67.8 |
| Bread and other bakery products..... | 2,083 | 2,023 | 2,020 | 1,992 | 2,010 | 2,015 | 2,005 | 2,042 | 2,090 | 2,180 | 2,208 | 2,208 | 2,263 | 88.0 |
| Cars and general shop construction and repairs by steam-railroad companies..... | 4,424 | 4,350 | 4,531 | 4,584 | 4,358 | 4,333 | 4,118 | 4,346 | 4,461 | 4,519 | 4,389 | 4,528 | 4,571 | 89.8 |
| Clothing, men's..... | 999 | 943 | 988 | 990 | 985 | 980 | 990 | 1,007 | 983 | 1,021 | 1,033 | 1,032 | 1,036 | 91.0 |
| Confectionery and ice cream..... | 818 | 782 | 839 | 863 | 845 | 781 | 719 | 731 | 762 | 855 | 900 | 899 | 840 | 79.9 |
| Cooperage..... | 828 | 730 | 822 | 847 | 826 | 826 | 829 | 879 | 903 | 910 | 877 | 817 | 670 | 73.6 |
| Fertilizers..... | 584 | 825 | 951 | 1,124 | 842 | 805 | 299 | 346 | 363 | 361 | 428 | 447 | 517 | 26.6 |
| Food preparations, not elsewhere specified..... | 1,700 | 2,082 | 2,028 | 1,816 | 1,605 | 1,619 | 1,444 | 1,580 | 1,450 | 1,710 | 1,910 | 1,955 | 1,911 | 69.4 |
| Foundry and machine-shop products..... | 2,161 | 1,862 | 1,763 | 1,831 | 2,006 | 2,245 | 2,106 | 2,413 | 2,440 | 2,308 | 2,303 | 2,331 | 2,334 | 71.8 |
| Furniture..... | 584 | 543 | 553 | 553 | 557 | 544 | 562 | 567 | 570 | 563 | 573 | 581 | 602 | 90.2 |
| Ice, manufactured..... | 785 | 600 | 580 | 631 | 759 | 843 | 968 | 1,003 | 988 | 951 | 775 | 673 | 630 | 59.7 |
| Lumber and timber products..... | 42,194 | 37,602 | 38,183 | 38,954 | 40,273 | 42,241 | 41,468 | 43,957 | 46,041 | 44,629 | 44,026 | 44,460 | 43,991 | 81.5 |
| Lumber, planing-mill products, not including planing mills connected with sawmills..... | 1,050 | 911 | 928 | 936 | 953 | 1,013 | 1,052 | 1,135 | 1,147 | 1,105 | 1,168 | 1,114 | 1,138 | 78.0 |
| Oil and cake, cottonseed..... | 1,605 | 1,875 | 1,885 | 1,643 | 1,809 | 1,163 | 1,222 | 1,295 | 1,121 | 1,671 | 2,079 | 2,014 | 2,083 | 53.8 |
| Petroleum, refining..... | 2,811 | 2,062 | 2,474 | 2,600 | 2,733 | 2,859 | 2,899 | 2,955 | 2,933 | 2,964 | 3,075 | 3,132 | 3,356 | 61.4 |
| Printing and publishing, book and job..... | 795 | 770 | 764 | 760 | 765 | 777 | 779 | 778 | 795 | 807 | 838 | 852 | 855 | 88.9 |
| Printing and publishing, newspapers and periodicals..... | 711 | 657 | 667 | 676 | 689 | 709 | 719 | 722 | 729 | 727 | 737 | 740 | 760 | 86.4 |
| R. ce, cleaning and polishing..... | 1,121 | 1,410 | 1,131 | 739 | 637 | 702 | 534 | 593 | 728 | 1,663 | 1,881 | 1,857 | 1,777 | 20.9 |
| Shipbuilding, steel..... | 3,329 | 1,674 | 2,210 | 2,731 | 2,852 | 2,513 | 2,708 | 3,249 | 3,641 | 3,953 | 4,914 | 4,925 | 4,573 | 34.0 |
| Shipbuilding, wooden, including boat building..... | 2,017 | 3,412 | 3,165 | 2,196 | 2,142 | 1,855 | 1,600 | 2,105 | 1,573 | 1,547 | 1,748 | 1,433 | 1,428 | 41.9 |
| Sugar, including refining..... | 7,698 | 9,599 | 6,388 | 3,646 | 2,978 | 3,424 | 3,473 | 3,695 | 3,520 | 3,613 | 9,713 | 21,248 | 21,079 | 14.0 |
| Tobacco, cigars and cigarettes..... | 2,171 | 2,239 | 2,211 | 2,192 | 2,161 | 2,138 | 2,098 | 2,066 | 2,122 | 2,113 | 2,218 | 2,298 | 2,236 | 89.5 |
| Turpentine and rosin..... | 2,604 | 2,234 | 2,401 | 2,536 | 2,583 | 2,605 | 2,522 | 2,639 | 2,655 | 2,637 | 2,795 | 2,806 | 2,835 | 78.8 |
| All other industries..... | 12,679 | 11,918 | 11,943 | 12,035 | 12,496 | 12,509 | 12,407 | 13,035 | 13,402 | 13,624 | 13,199 | 12,728 | 12,862 | 87.5 |
| <i>Industries showing large proportion of females.</i> | | | | | | | | | | | | | | |
| Bags, other than paper, not including bags made in textile mills..... | 412 | 374 | 398 | 395 | 393 | 404 | 406 | 418 | 414 | 420 | 447 | 442 | 427 | 87.9 |
| Boxes, wooden packing, except cigar boxes..... | 179 | 203 | 205 | 214 | 185 | 156 | 139 | 155 | 158 | 165 | 145 | 203 | 223 | 61.0 |
| Bread and other bakery products..... | 718 | 699 | 703 | 687 | 697 | 684 | 684 | 705 | 718 | 759 | 768 | 752 | 763 | 88.7 |
| Clothing, men's..... | 877 | 824 | 864 | 872 | 868 | 859 | 870 | 886 | 884 | 900 | 905 | 903 | 908 | 90.6 |
| Confectionery and ice cream..... | 505 | 509 | 556 | 564 | 528 | 455 | 415 | 499 | 431 | 518 | 503 | 579 | 543 | 68.9 |
| Food preparations, not elsewhere specified..... | 480 | 564 | 534 | 504 | 442 | 475 | 433 | 466 | 303 | 374 | 551 | 576 | 538 | 52.6 |
| Furniture..... | 91 | 93 | 93 | 93 | 90 | 88 | 92 | 91 | 90 | 86 | 89 | 94 | 95 | 91.5 |
| Printing and publishing, book and job..... | 144 | 147 | 136 | 135 | 133 | 137 | 139 | 137 | 138 | 144 | 157 | 164 | 161 | 81.1 |
| Sugar, including refining..... | 673 | 461 | 227 | 256 | 214 | 288 | 271 | 208 | 180 | 252 | 811 | 2,623 | 2,885 | 7.1 |
| Tobacco, cigars and cigarettes..... | 1,754 | 1,813 | 1,782 | 1,773 | 1,754 | 1,733 | 1,682 | 1,644 | 1,703 | 1,703 | 1,806 | 1,654 | 1,800 | 88.7 |
| Total for cities..... | 31,959 | 29,367 | 29,759 | 30,333 | 30,334 | 30,336 | 30,295 | 31,892 | 32,622 | 33,821 | 34,524 | 35,077 | 35,158 | 83.5 |
| Males..... | 23,008 | 21,350 | 21,601 | 22,227 | 22,122 | 22,080 | 22,101 | 23,540 | 24,450 | 25,295 | 25,775 | 26,226 | 26,529 | 80.5 |
| Females..... | 8,351 | 8,007 | 8,158 | 8,106 | 8,212 | 8,256 | 8,194 | 8,352 | 8,172 | 8,526 | 8,749 | 8,851 | 8,629 | 90.5 |
| ALEXANDRIA..... | 724 | 708 | 691 | 695 | 684 | 609 | 685 | 683 | 670 | 769 | 802 | 874 | 823 | 69.7 |
| Males..... | 689 | 667 | 656 | 661 | 654 | 573 | 650 | 652 | 637 | 733 | 769 | 833 | 783 | 68.8 |
| Females..... | 35 | 36 | 35 | 34 | 30 | 36 | 35 | 31 | 33 | 36 | 33 | 41 | 40 | 73.2 |
| BATON ROUGE..... | 500 | 456 | 480 | 526 | 506 | 584 | 504 | 497 | 509 | 513 | 450 | 467 | 508 | 77.1 |
| Males..... | 465 | 417 | 441 | 489 | 480 | 548 | 466 | 463 | 476 | 480 | 424 | 430 | 457 | 70.1 |
| Females..... | 35 | 39 | 39 | 37 | 26 | 36 | 38 | 34 | 33 | 33 | 26 | 28 | 51 | 51.0 |
| LAKE CHARLES..... | 1,222 | 1,206 | 1,170 | 1,207 | 1,179 | 1,227 | 1,138 | 1,168 | 1,217 | 1,265 | 1,301 | 1,300 | 1,283 | 87.5 |
| Males..... | 1,186 | 1,174 | 1,137 | 1,175 | 1,145 | 1,191 | 1,100 | 1,130 | 1,177 | 1,228 | 1,262 | 1,265 | 1,248 | 87.0 |
| Females..... | 36 | 32 | 33 | 32 | 34 | 36 | 38 | 38 | 40 | 40 | 39 | 35 | 35 | 80.0 |
| MONROE..... | 745 | 716 | 678 | 678 | 696 | 669 | 691 | 727 | 670 | 780 | 817 | 905 | 913 | 73.3 |
| Males..... | 733 | 704 | 666 | 666 | 684 | 657 | 670 | 715 | 658 | 768 | 805 | 893 | 901 | 72.9 |
| Females..... | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | ..... |
| NEW ORLEANS..... | 26,641 | 24,131 | 24,559 | 25,038 | 25,175 | 25,239 | 25,309 | 26,785 | 27,493 | 28,349 | 28,914 | 29,335 | 29,365 | 82.2 |
| Males..... | 18,474 | 16,896 | 16,577 | 17,106 | 17,125 | 17,173 | 17,310 | 18,622 | 19,511 | 20,016 | 20,345 | 20,668 | 20,940 | 77.8 |
| Females..... | 8,167 | 7,235 | 7,982 | 7,932 | 8,050 | 8,066 | 7,999 | 8,163 | 7,982 | 8,333 | 8,569 | 8,667 | 8,425 | 90.4 |
| SHREVEPORT..... | 2,127 | 2,145 | 2,181 | 2,189 | 2,004 | 2,008 | 1,968 | 2,032 | 2,003 | 2,142 | 2,240 | 2,190 | 2,266 | 96.8 |
| Males..... | 2,061 | 2,093 | 2,124 | 2,130 | 2,034 | 1,938 | 1,896 | 1,958 | 1,991 | 2,070 | 2,170 | 2,128 | 2,200 | 86.2 |
| Females..... | 66 | 52 | 57 | 59 | 60 | 70 | 72 | 74 | 72 | 72 | 70 | 68 | 66 | 70.3 |

MANUFACTURES—LOUISIANA.

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TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

| INDUSTRY AND CITY. | Census year. | Total. | IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE— | | | | | | | |
|---|-----------------|--------|--|-----------------------|--------|-----------------------|-------|-----------------------|--------|-------------|
| | | | 44 and under. | Between 44 and 48. | 48.1 | Between 48 and 54. | 54. | Between 54 and 60. | 60. | Over 60. |
| All industries..... | 1919 | 98,265 | 4,811 | 1,918 | 18,151 | 3,881 | 8,493 | 7,496 | 45,742 | 7,773 |
| | 1914 | 77,665 | (2) | (2) | 6,175 | 2,727 | 7,387 | 4,340 | 35,777 | 21,259 |
| | 1909 | 70,165 | (2) | (2) | 4,348 | 1,410 | 6,448 | 1,584 | 35,245 | 27,130 |
| Automobile repairing..... | 1919 | 523 | | 3 | 125 | 4 | 191 | 13 | 148 | 30 |
| | 1914 | 17 | (2) | (2) | 13 | | | | 2 | 2 |
| Bags, other than paper, not including bags made in textile mills..... | 1919 | 634 | | 28 | 10 | 151 | 216 | 229 | | |
| | 1914 | 713 | (2) | (2) | 1 | | | 320 | 383 | |
| Boxes, wooden packing, except cigar boxes..... | 1919 | 1,282 | | | 28 | | 62 | 108 | 1,084 | |
| | 1914 | 1,155 | | | | | | 222 | 933 | |
| Bread and other bakery products..... | 1919 | 2,088 | 12 | | 487 | 72 | 622 | 364 | 261 | 270 |
| | 1914 | 1,440 | (2) | (2) | 74 | 16 | 23 | 131 | 489 | 707 |
| Cars and general shop construction and repairs by steam-railroad companies..... | 1919 | 4,424 | | 945 | 2,832 | | 35 | 446 | 120 | 46 |
| | 1914 | 2,697 | (2) | (2) | 230 | 438 | 1,821 | 82 | 54 | 72 |
| Clothing, men's..... | 1919 | 999 | 496 | 185 | 199 | 87 | 32 | | | |
| | 1914 | 775 | (2) | (2) | 588 | 108 | 10 | 69 | | |
| Confectionery and ice cream..... | 1919 | 818 | 34 | 8 | 91 | 7 | 28 | 129 | 426 | 95 |
| | 1914 | 297 | (2) | (2) | 13 | 49 | 16 | 107 | 83 | 29 |
| Cooperage..... | 1919 | 828 | 6 | 61 | 39 | 68 | 339 | 65 | 241 | 9 |
| | 1914 | 745 | (2) | (2) | 286 | 8 | 60 | 310 | 68 | 4 |
| Fertilizers..... | 1919 | 584 | | | | | 146 | 334 | | 104 |
| | 1914 | 408 | | | | 97 | 102 | | 209 | |
| Food preparations, not elsewhere specified..... | 1919 | 1,760 | 55 | 122 | 46 | 449 | 563 | 340 | 185 | |
| | 1914 | 994 | (2) | (2) | 25 | 2 | 195 | 9 | 762 | 1 |
| Foundry and machine-shop products..... | 1919 | 2,161 | 30 | 10 | 1,264 | 48 | 187 | 162 | 460 | |
| | 1914 | 1,312 | (2) | (2) | 14 | 45 | 705 | 36 | 405 | 17 |
| Furniture..... | 1919 | 564 | | 30 | 22 | 94 | 418 | | | |
| | 1914 | 347 | (2) | (2) | 10 | 26 | 258 | 23 | 30 | |
| Ice, manufactured..... | 1919 | 785 | | | 55 | | 23 | 66 | 134 | 507 |
| | 1914 | 782 | (2) | (2) | 19 | 4 | | 6 | 107 | 646 |
| Lumber and timber products..... | 1919 | 42,194 | 438 | 86 | 123 | 735 | 779 | 1,008 | 38,489 | 536 |
| | 1914 | 42,169 | (2) | (2) | 131 | 247 | 610 | 108 | 27,205 | 13,898 |
| Lumber, planing-mill products, not including planing mills connected with sawmills..... | 1919 | 1,050 | 1 | | 252 | 18 | 519 | 55 | 205 | |
| | 1914 | 1,089 | (2) | (2) | 22 | 105 | 494 | 173 | 276 | 19 |
| Oil and cake, cottonseed..... | 1919 | 1,005 | | | 38 | | 148 | 13 | 60 | 1,346 |
| | 1914 | 1,127 | | | | 96 | | 215 | 187 | 629 |
| Petroleum, refining ¹ | 1919 | 2,841 | | | 2,455 | | | 348 | | 58 |
| Printing and publishing, book and job..... | 1919 | 795 | 25 | 1 | 578 | 32 | 96 | 56 | 7 | |
| | 1914 | 619 | (2) | (2) | 361 | 33 | 221 | 2 | 2 | |
| Printing and publishing, newspapers and periodicals..... | 1919 | 711 | 16 | 4 | 483 | 1 | 45 | 135 | 25 | 2 |
| | 1914 | 641 | (2) | (2) | 434 | 3 | 90 | 56 | 51 | 7 |
| Rice, cleaning and polishing..... | 1919 | 1,121 | | | 1 | | 2 | 27 | 555 | 536 |
| | 1914 | 735 | | | | | | | 2 | 733 |
| Shipbuilding, steel ² | 1919 | 3,320 | 40 | | 3,280 | | | | | |
| Shipbuilding, wooden, including boat building..... | 1919 | 2,017 | 10 | | 1,920 | | 45 | | 33 | |
| | 1914 | 419 | (2) | (2) | 0 | | 326 | | 87 | |
| Sugar, including refining..... | 1919 | 7,698 | 745 | 3 | 621 | 25 | 1,258 | 552 | 866 | 3,628 |
| | 1914 | 4,798 | | | | | 71 | 873 | 389 | 3,465 |
| Tobacco, cigars and cigarettes ² | 1919 | 2,171 | 666 | 98 | 75 | 855 | 464 | 9 | 4 | |
| Turpentine and rosin..... | 1919 | 2,604 | 1,306 | | 221 | 30 | 290 | | 757 | |
| | 1914 | 2,472 | (2) | (2) | 1,187 | 170 | | | 948 | 167 |
| All other industries..... | 1919 | 12,679 | 931 | 334 | 2,888 | 1,205 | 1,985 | 3,037 | 1,682 | 617 |
| | 1914 | 11,914 | (2) | (2) | 2,761 | 1,280 | 2,286 | 1,689 | 3,105 | 893 |
| Total for cities..... | 1919 | 31,959 | 2,162 | 1,813 | 11,088 | 2,898 | 4,491 | 4,254 | 3,740 | 1,507 |
| | 1914 | 21,314 | (2) | (2) | 3,801 | 1,917 | 5,788 | 2,695 | 5,027 | 2,086 |
| ALEXANDRIA..... | 1919 | 724 | 5 | 19 | 85 | 9 | 52 | 40 | 355 | 159 |
| | 1914 | 359 | (2) | (2) | 41 | 5 | 89 | 19 | 128 | 77 |
| BATON ROUGE..... | 1919 | 500 | 8 | 104 | 115 | 3 | 66 | 42 | 47 | 115 |
| | 1914 | 358 | (2) | (2) | 57 | | 77 | 30 | 24 | 170 |
| LAKE CHARLES..... | 1919 | 1,222 | 4 | | 92 | | 127 | 26 | 966 | 7 |
| | 1914 | 1,101 | (2) | (2) | 62 | 55 | 190 | 7 | 660 | 127 |
| MONROE..... | 1919 | 745 | 1 | | 285 | 16 | 42 | 59 | 113 | 220 |
| | 1914 | 609 | (2) | (2) | 87 | 2 | 274 | 17 | 165 | 64 |
| NEW ORLEANS..... | 1919 | 26,641 | 2,104 | 1,690 | 9,522 | 2,799 | 3,775 | 3,855 | 2,126 | 770 |
| | 1914 | 17,348 | (2) | (2) | 3,406 | 1,855 | 4,599 | 2,495 | 3,569 | 1,424 |
| SHREVEPORT..... | 1919 | 2,127 | 40 | | 989 | 71 | 429 | 232 | 139 | 227 |
| | 1914 | 1,539 | (2) | (2) | 148 | | 559 | 127 | 481 | 224 |

¹ Includes 48 and under for 1914 and 1909.

² Corresponding figures not available.

³ Not shown separately in 1914.

PER CENT DISTRIBUTION.

MANUFACTURES—LOUISIANA.

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TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

| INDUSTRY AND VALUE OF PRODUCT. | NUMBER OF ESTABLISHMENTS. | | | | AVERAGE NUMBER OF WAGE EARNERS. | | | | VALUE OF PRODUCTS. | | | | VALUE ADDED BY MANUFACTURE. | | | |
|--|---------------------------|------|------------------------|-------|---------------------------------|--------|------------------------|-------|--------------------|-------------|------------------------|-------|-----------------------------|-------------|------------------------|-------|
| | 1919 | 1914 | Per cent distribution. | | 1919 | 1914 | Per cent distribution. | | 1919 | 1914 | Per cent distribution. | | 1919 | 1914 | Per cent distribution. | |
| | | | 1919 | 1914 | | | 1919 | 1914 | | | 1919 | 1914 | | | 1919 | 1914 |
| BREAD AND OTHER BAKERY PRODUCTS..... | 309 | 284 | 100.0 | 100.0 | 2,088 | 1,440 | 100.0 | 100.0 | \$12,073,135 | \$4,078,175 | 100.0 | 100.0 | \$4,540,840 | \$2,185,272 | 100.0 | 100.0 |
| Less than \$5,000..... | 34 | 87 | 11.0 | 30.6 | 20 | 93 | 1.0 | 6.5 | 106,570 | 272,636 | 0.8 | 5.5 | 41,530 | 117,127 | 0.9 | 5.4 |
| \$5,000 to \$20,000..... | 153 | 151 | 49.5 | 53.2 | 252 | 455 | 12.1 | 31.6 | 1,769,410 | 1,637,695 | 14.0 | 30.9 | 608,723 | 660,495 | 13.4 | 31.6 |
| \$20,000 to \$100,000..... | 107 | 38 | 34.6 | 13.4 | 642 | 329 | 30.7 | 22.8 | 4,474,935 | 1,403,653 | 35.3 | 28.2 | 1,461,620 | 549,876 | 32.0 | 25.2 |
| \$100,000 to \$500,000..... | 11 | 8 | 3.6 | 2.8 | 342 | 563 | 16.4 | 39.1 | 2,724,715 | 1,794,391 | 21.5 | 35.4 | 837,666 | 827,774 | 18.4 | 37.9 |
| \$500,000 and over..... | 4 | — | 1.3 | — | 832 | — | 39.8 | — | 3,597,505 | — | 28.4 | — | 1,601,301 | — | 35.3 | — |
| CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES. | 28 | 26 | 100.0 | 100.0 | 4,424 | 2,697 | 100.0 | 100.0 | 9,519,059 | 3,042,318 | 100.0 | 100.0 | 6,720,531 | 1,965,449 | 100.0 | 100.0 |
| \$5,000 to \$20,000..... | 3 | 19 | 10.7 | 34.6 | 30 | 116 | 0.7 | 4.3 | 49,610 | 198,607 | 0.5 | 3.2 | 33,283 | 159,495 | 0.5 | 3.0 |
| \$20,000 to \$100,000..... | 11 | 8 | 39.3 | 30.8 | 250 | 320 | 5.8 | 11.9 | 504,947 | 387,100 | 5.3 | 12.7 | 348,850 | 244,725 | 5.2 | 12.5 |
| \$100,000 to \$500,000..... | 7 | — | 25.0 | — | 947 | — | 21.4 | — | 1,873,369 | — | 19.7 | — | 1,434,969 | — | 21.4 | — |
| \$500,000 and over..... | 7 | 9 | 25.0 | 34.6 | 3,191 | 2,261 | 72.1 | 83.8 | 7,091,143 | 2,550,611 | 74.5 | 84.0 | 4,903,429 | 1,661,229 | 73.0 | 84.5 |
| COFFEE AND SPICE, ROASTING AND GRINDING..... | 29 | 17 | 100.0 | 100.0 | 271 | 302 | 100.0 | 100.0 | 7,935,101 | 4,240,550 | 100.0 | 100.0 | 2,136,728 | 1,541,040 | 100.0 | 100.0 |
| Less than \$20,000..... | 8 | — | 27.6 | — | 13 | — | 4.8 | — | 79,544 | — | 1.0 | — | 24,031 | — | 1.1 | — |
| \$20,000 to \$100,000..... | 9 | 8 | 31.0 | 47.1 | 32 | 36 | 11.8 | 11.9 | 501,763 | 279,874 | 6.4 | 6.6 | 114,768 | 72,584 | 5.4 | 4.7 |
| \$100,000 to \$500,000..... | 8 | 9 | 27.6 | 52.9 | 104 | 206 | 38.4 | 88.1 | 2,292,201 | 3,960,670 | 28.9 | 93.4 | 512,786 | 1,408,450 | 24.0 | 95.3 |
| \$500,000 and over..... | 4 | — | 13.8 | — | 122 | — | 45.0 | — | 5,058,603 | — | 63.7 | — | 1,485,143 | — | 69.5 | — |
| CONFECTIONERY AND ICE CREAM..... | 41 | 25 | 100.0 | 100.0 | 818 | 297 | 100.0 | 100.0 | 5,090,473 | 1,133,040 | 100.0 | 100.0 | 2,020,184 | 585,857 | 100.0 | 100.0 |
| Less than \$20,000..... | 15 | 18 | 36.6 | 72.0 | 35 | 49 | 4.3 | 16.5 | 148,581 | 134,157 | 2.9 | 11.8 | 67,612 | 63,350 | 3.3 | 10.8 |
| \$20,000 to \$100,000..... | 15 | 3 | 36.6 | 12.0 | 114 | 20 | 13.9 | 6.7 | 664,034 | 187,273 | 13.0 | 16.6 | 250,230 | 86,739 | 12.7 | 14.8 |
| \$100,000 to \$500,000..... | 8 | 4 | 19.5 | 16.0 | 152 | 228 | 18.6 | 76.8 | 1,704,880 | 811,605 | 33.5 | 71.6 | 532,898 | 436,741 | 26.7 | 74.4 |
| \$500,000 to \$1,000,000..... | 3 | — | 7.3 | — | 517 | — | 63.2 | — | 2,570,028 | — | 50.6 | — | 1,150,435 | — | 57.2 | — |
| FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED..... | 42 | 30 | 100.0 | 100.0 | 1,760 | 994 | 100.0 | 100.0 | 34,405,073 | 11,714,543 | 100.0 | 100.0 | 7,330,452 | 2,758,518 | 100.0 | 100.0 |
| Less than \$5,000..... | 3 | 7 | 7.1 | 23.3 | 2 | 6 | 0.1 | 0.6 | 7,920 | 22,228 | (*) | 0.2 | 2,453 | 10,643 | (*) | 0.4 |
| \$5,000 to \$20,000..... | 8 | 9 | 19.0 | 30.6 | 16 | 36 | 0.9 | 3.6 | 83,492 | 83,574 | 0.2 | 0.7 | 29,194 | 31,635 | 0.4 | 1.1 |
| \$20,000 to \$100,000..... | 14 | 9 | 33.3 | 30.0 | 67 | 205 | 3.8 | 20.6 | 580,625 | 490,596 | 1.7 | 4.2 | 196,663 | 218,495 | 2.7 | 7.9 |
| \$100,000 to \$500,000..... | 7 | 5 | 16.7 | 16.7 | 270 | 747 | 15.3 | 75.2 | 1,404,263 | 11,118,145 | 4.1 | 94.9 | 297,933 | 2,497,745 | 4.1 | 90.5 |
| \$500,000 to \$1,000,000..... | 4 | — | 9.5 | — | 151 | — | 8.6 | — | 3,084,035 | — | 9.0 | — | 362,010 | — | 4.9 | — |
| \$1,000,000 and over..... | 6 | — | 14.3 | — | 1,254 | — | 71.2 | — | 29,245,638 | — | 85.0 | — | 6,442,199 | — | 87.9 | — |
| FOUNDRY AND MACHINE-SHOP PRODUCTS..... | 90 | 60 | 100.0 | 100.0 | 2,161 | 1,312 | 100.0 | 100.0 | 10,697,272 | 3,169,623 | 100.0 | 100.0 | 6,439,791 | 1,837,887 | 100.0 | 100.0 |
| Less than \$5,000..... | 9 | 10 | 10.0 | 16.7 | 12 | 20 | 0.6 | 1.5 | 26,843 | 26,890 | 0.3 | 0.8 | 20,017 | 18,371 | 0.3 | 1.0 |
| \$5,000 to \$20,000..... | 21 | 20 | 23.3 | 43.3 | 72 | 203 | 3.3 | 15.6 | 219,594 | 337,473 | 2.1 | 10.6 | 145,481 | 227,770 | 2.3 | 12.4 |
| \$20,000 to \$100,000..... | 40 | 18 | 44.4 | 30.0 | 483 | 409 | 22.4 | 31.2 | 1,805,025 | 881,443 | 16.9 | 27.8 | 1,167,133 | 570,322 | 18.1 | 31.0 |
| \$100,000 to \$500,000..... | 14 | 6 | 15.6 | 10.0 | 613 | 680 | 28.4 | 51.8 | 3,442,097 | 1,923,808 | 32.2 | 60.7 | 1,965,026 | 1,021,418 | 30.5 | 55.6 |
| \$500,000 and over..... | 6 | — | 6.7 | — | 981 | — | 45.4 | — | 5,208,113 | — | 48.6 | — | 3,140,634 | — | 48.8 | — |
| LUMBER AND TIMBER PRODUCTS..... | 511 | 454 | 100.0 | 100.0 | 42,194 | 42,169 | 100.0 | 100.0 | 120,716,435 | 62,077,011 | 100.0 | 100.0 | 83,613,524 | 37,060,940 | 100.0 | 100.0 |
| Less than \$5,000..... | 94 | 112 | 18.4 | 24.7 | 124 | 207 | 0.3 | 0.6 | 235,291 | 219,842 | 0.2 | 0.4 | 183,383 | 164,179 | 0.2 | 0.4 |
| \$5,000 to \$20,000..... | 100 | 94 | 19.6 | 20.7 | 666 | 1,005 | 1.6 | 2.5 | 1,110,148 | 1,027,252 | 0.9 | 1.7 | 822,039 | 680,371 | 1.0 | 1.8 |
| \$20,000 to \$100,000..... | 137 | 100 | 26.8 | 22.0 | 3,184 | 4,109 | 7.5 | 9.7 | 7,016,102 | 4,910,929 | 5.8 | 7.9 | 4,842,052 | 3,189,845 | 5.8 | 8.6 |
| \$100,000 to \$500,000..... | 103 | 117 | 20.2 | 25.8 | 11,374 | — | 27.0 | — | 24,975,014 | 28,405,498 | 20.7 | 45.9 | 17,925,366 | — | 21.4 | — |
| \$500,000 to \$1,000,000..... | 46 | 24 | 9.0 | 5.3 | 11,343 | 30,013 | 26.9 | 71.2 | 32,633,529 | 10,180,021 | 27.0 | 26.1 | 22,337,175 | 20,550,801 | 26.8 | 71.6 |
| \$1,000,000 and over..... | 31 | 7 | 6.1 | 1.5 | 15,503 | 6,715 | 36.7 | 15.9 | 54,746,351 | 11,243,109 | 45.4 | 18.1 | 37,452,600 | 6,475,744 | 44.8 | 17.5 |
| LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS..... | 51 | 47 | 100.0 | 100.0 | 1,050 | 1,089 | 100.0 | 100.0 | 5,570,041 | 2,828,868 | 100.0 | 100.0 | 2,169,048 | 1,118,870 | 100.0 | 100.0 |
| Less than \$5,000..... | 6 | 8 | 11.8 | 17.0 | 5 | 16 | 0.5 | 1.5 | 19,677 | 19,130 | 0.4 | 0.7 | 9,382 | 11,199 | 0.4 | 1.0 |
| \$5,000 to \$20,000..... | 11 | 10 | 21.6 | 21.3 | 40 | 67 | 3.8 | 6.2 | 139,503 | 120,915 | 2.5 | 4.3 | 72,349 | 67,084 | 3.3 | 6.0 |
| \$20,000 to \$100,000..... | 18 | 21 | 35.3 | 44.7 | 237 | 429 | 22.0 | 39.4 | 1,023,183 | 1,006,340 | 18.4 | 38.8 | 421,411 | 494,036 | 19.4 | 44.2 |
| \$100,000 to \$500,000..... | 16 | 8 | 31.4 | 17.0 | 768 | 577 | 73.1 | 53.0 | 4,387,078 | 1,592,483 | 78.8 | 56.3 | 1,665,906 | 545,951 | 76.8 | 48.8 |
| OIL AND CAKE, COTTONSEED..... | 28 | 37 | 100.0 | 100.0 | 1,605 | 1,127 | 100.0 | 100.0 | 57,161,578 | 18,106,257 | 100.0 | 100.0 | 6,997,134 | 1,940,906 | 100.0 | 100.0 |
| Less than \$500,000..... | 15 | 33 | 53.6 | 80.2 | 322 | 783 | 20.1 | 69.5 | 4,205,784 | 5,514,010 | 7.4 | 30.5 | 806,749 | 793,013 | 11.5 | 40.9 |
| \$500,000 to \$1,000,000..... | 4 | — | 14.3 | — | 212 | — | 13.2 | — | 3,485,597 | — | 6.1 | — | 485,521 | — | 6.9 | — |
| \$1,000,000 and over..... | 9 | 4 | 32.1 | 10.8 | 1,071 | 344 | 66.7 | 30.5 | 49,470,197 | 12,691,647 | 86.5 | 69.5 | 5,704,864 | 1,147,893 | 81.5 | 59.1 |
| RICE, CLEANING AND POLISHING..... | 46 | 24 | 100.0 | 100.0 | 1,121 | 735 | 100.0 | 100.0 | 41,220,471 | 12,960,690 | 100.0 | 100.0 | 5,203,061 | 1,272,660 | 100.0 | 100.0 |
| Less than \$20,000..... | 9 | — | 10.6 | — | 4 | — | 0.4 | — | 87,418 | — | 0.2 | — | 52,188 | — | 1.0 | — |
| \$20,000 to \$100,000..... | 3 | — | 6.5 | — | 4 | — | 0.4 | — | 128,270 | — | 0.3 | — | 60,533 | — | 1.2 | — |
| \$100,000 to \$500,000..... | 6 | 13 | 13.0 | 54.2 | 57 | 715 | 5.1 | 29.3 | 1,789,288 | 7,440,522 | 4.3 | 26.6 | 211,797 | 773,781 | 4.1 | 26.8 |
| \$500,000 to \$1,000,000..... | 5 | 8 | 10.9 | 33.3 | 130 | 288 | 11.6 | 39.2 | 5,558,116 | 3,889,072 | 9.4 | 42.9 | 591,110 | 536,513 | 11.4 | 42.2 |
| \$1,000,000 and over..... | 23 | 3 | 50.0 | 12.5 | 926 | 282 | 82.0 | 31.6 | 35,325,823 | 3,950,052 | 85.7 | 30.5 | 4,287,433 | 357,366 | 82.4 | 28.1 |
| SUGAR, INCLUDING REFINING..... | 192 | 171 | 100.0 | 100.0 | 7,698 | 4,798 | 100.0 | 100.0 | 141,842,924 | 57,948,322 | 100.0 | 100.0 | 20,602,907 | 9,371,662 | 100.0 | 100.0 |
| Less than \$5,000..... | 23 | 8 | 12.0 | 4.7 | 21 | 14 | 0.3 | 0.3 | 56,787 | 21,785 | (*) | (*) | 22,112 | 7,129 | 0.1 | 0.1 |
| \$5,000 to \$20,000..... | 16 | 10 | 8.3 | 5.8 | 31 | 62 | 0.4 | 1.3 | 136,317 | 145,727 | 0.1 | 0.8 | 42,521 | 24,473 | 0.2 | 0.8 |
| \$20,000 to \$100,000..... | 31 | 72 | 16.1 | 42.1 | 383 | 958 | 5.0 | 20.0 | 1,936,051 | 4,140,240 | 1.4 | 7.1 | 407,723 | 883,317 | 2.0 | 9.4 |
| \$100,000 to \$500,000..... | 81 | 81 | 42.2 | 47.4 | 2,727 | 3,764 | 35.4 | 78.4 | 21,730,184 | 53,640,570 | 15.3 | 92.6 | 5,371,220 | 8,456,743 | 26.1 | 90.2 |
| \$500,000 to \$1,000,000..... | 28 | — | 14.6 | — | 1,507 | — | 10.6 | — | 18,813,555 | — | 13.3 | — | 4,269,916 | — | 20.7 | — |
| \$1,000,000 and over..... | 13 | — | 6.8 | — | 3,027 | — | 39.3 | — | 99,170,020 | — | 66.9 | — | 10,489,415 | — | 50.9 | — |
| TURPENTINE AND ROSIN..... | 33 | 27 | 100.0 | 100.0 | 2,604 | 2,472 | 100.0 | 100.0 | 5,591,289 | 1,858,391 | 100.0 | 100.0 | 4,210,601 | 1,434,041 | 100.0 | 100.0 |
| \$20,000 to \$100,000..... | 11 | 20 | 33.3 | 74.1 | 350 | 840 | 13.4 | 34.3 | 609,082 | 542,598 | 12.5 | 29.2 | 527,082 | 423,614 | 12.5 | 29.5 |
| \$100,000 to \$500,000..... | 22 | 7 | 66.7 | 25.0 | 2,254 | 1,632 | 86.6 | 65.7 | 4,982,207 | 1,315,793 | 87.5 | 70.8 | 3,683,519 | 1,010,427 | 87.5 | 70.5 |

* Includes the group "Less than \$5,000."

* Includes the group "\$100,000 to \$500,000."

* Includes the group "\$5,000 to \$20,00

MANUFACTURES—LOUISIANA.

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

| CITY AND VALUE OF PRODUCT. | Number of establishments. | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | | CITY AND VALUE OF PRODUCT. | Number of establishments. | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | |
|-----------------------------|---------------------------|-----------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|-------------------------------|---------------------------|-----------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|
| | | Average number. | Per cent of total. | Amount. | Per cent of total. | Amount. | Per cent of total. | | | Average number. | Per cent of total. | Amount. | Per cent of total. | Amount. | Per cent of total. |
| ALEXANDRIA..... | 52 | 724 | 100.0 | \$1,349,790 | 100.0 | \$1,316,984 | 100.0 | MONROE..... | 34 | 745 | 100.0 | \$4,159,104 | 100.0 | \$1,327,395 | 100.0 |
| Less than \$5,000..... | 8 | 9 | 1.2 | 25,541 | 0.6 | 16,337 | 1.2 | Less than \$5,000..... | 4 | 3 | 0.4 | 8,930 | 0.2 | 4,934 | 0.4 |
| \$5,000 to \$20,000..... | 20 | 69 | 9.5 | 213,188 | 4.9 | 114,931 | 8.7 | \$5,000 to \$20,000..... | 10 | 34 | 4.6 | 125,935 | 3.0 | 79,004 | 6.0 |
| \$20,000 to \$100,000..... | 17 | 273 | 37.7 | 1,035,340 | 23.8 | 462,059 | 35.1 | \$20,000 to \$100,000..... | 13 | 183 | 24.6 | 620,173 | 14.9 | 342,112 | 25.8 |
| \$100,000 to \$500,000..... | 4 | 105 | 14.5 | 586,583 | 13.5 | 200,843 | 15.2 | \$100,000 and over..... | 7 | 525 | 70.5 | 3,404,060 | 81.8 | 901,285 | 67.9 |
| \$500,000 and over..... | 3 | 268 | 37.0 | 2,489,138 | 57.2 | 522,814 | 39.7 | NEW ORLEANS..... | 873 | 26,641 | 100.0 | 182,708,561 | 100.0 | 69,400,062 | 100.0 |
| BATON ROUGE..... | 50 | 500 | 100.0 | 3,604,282 | 100.0 | 1,082,779 | 100.0 | Less than \$5,000..... | 132 | 106 | 0.4 | 340,767 | 0.2 | 225,462 | 0.3 |
| Less than \$5,000..... | 14 | 20 | 4.0 | 36,168 | 1.0 | 21,168 | 2.0 | \$5,000 to \$20,000..... | 236 | 768 | 2.9 | 2,694,412 | 1.5 | 1,530,050 | 2.2 |
| \$5,000 to \$20,000..... | 14 | 45 | 9.0 | 183,406 | 5.1 | 91,743 | 8.5 | \$20,000 to \$100,000..... | 281 | 2,790 | 10.5 | 13,494,147 | 7.4 | 6,308,252 | 9.1 |
| \$20,000 and over..... | 22 | 435 | 87.0 | 3,384,708 | 93.9 | 969,868 | 89.6 | \$100,000 to \$500,000..... | 160 | 6,594 | 24.8 | 35,112,852 | 19.2 | 14,025,507 | 21.0 |
| LAKE CHARLES..... | 45 | 1,222 | 100.0 | 8,290,789 | 100.0 | 2,965,320 | 100.0 | \$500,000 to \$1,000,000..... | 38 | 6,601 | 21.0 | 29,109,684 | 15.9 | 13,879,344 | 20.0 |
| Less than \$5,000..... | 11 | 10 | 0.8 | 33,239 | 0.4 | 17,115 | 0.6 | \$1,000,000 and over..... | 36 | 10,782 | 40.5 | 102,046,699 | 55.8 | 32,915,381 | 47.4 |
| \$5,000 to \$20,000..... | 12 | 61 | 5.0 | 150,024 | 1.8 | 81,444 | 2.7 | SHREVEPORT..... | 87 | 2,127 | 100.0 | 12,876,467 | 100.0 | 5,609,155 | 100.0 |
| \$20,000 to \$100,000..... | 13 | 194 | 15.9 | 788,715 | 9.5 | 429,573 | 14.5 | Less than \$5,000..... | 5 | 10 | 0.5 | 15,345 | 0.1 | 11,890 | 0.2 |
| \$100,000 to \$500,000..... | 5 | 367 | 30.0 | 1,079,493 | 13.0 | 481,252 | 16.2 | \$5,000 to \$20,000..... | 20 | 79 | 3.7 | 248,528 | 1.9 | 156,745 | 2.8 |
| \$500,000 and over..... | 4 | 590 | 48.3 | 6,239,318 | 75.3 | 1,955,936 | 66.0 | \$20,000 to \$100,000..... | 34 | 348 | 16.3 | 1,601,888 | 12.4 | 929,419 | 16.6 |
| | | | | | | | | \$100,000 to \$500,000..... | 19 | 586 | 27.6 | 4,074,393 | 36.3 | 2,117,080 | 37.7 |
| | | | | | | | | \$500,000 and over..... | 9 | 1,106 | 52.0 | 6,336,813 | 49.2 | 2,394,021 | 42.7 |

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

| INDUSTRY AND CITY. | Census year. | NUMBER OF ESTABLISHMENTS OWNED BY— | | | AVERAGE NUMBER OF WAGE EARNERS. | | | | | | | | | VALUE OF PRODUCTS. | | | | | | | | |
|---|--------------|------------------------------------|-----------------|--------------|---------------------------------|-----------------------------|-----------------|--------------|--------------------|-----------------|--------------|---------------|-----------------------------|--------------------|--------------|--------------------|-----------------|--------------|--|--|--|--|
| | | Indi-vid-u-als. | Cor-pora-tions. | All oth-ers. | Total. | In establishments owned by— | | | Per cent of total. | | | Total. | Of establishments owned by— | | | Per cent of total. | | | | | | |
| | | | | | | Indi-vid-u-als. | Cor-pora-tions. | All oth-ers. | Indi-vid-u-als. | Cor-pora-tions. | All oth-ers. | | Indi-vid-u-als. | Cor-pora-tions. | All oth-ers. | Indi-vid-u-als. | Cor-pora-tions. | All oth-ers. | | | | |
| All industries..... | 1919 | 1,103 | 1,118 | 396 | 98,265 | 6,115 | 86,357 | 5,793 | 6.2 | 87.9 | 5.9 | \$676,189,770 | \$30,568,791 | \$609,292,719 | \$36,328,260 | 4.5 | 90.1 | 5.4 | | | | |
| | 1914 | 975 | 900 | 330 | 77,665 | 6,083 | 66,294 | 5,288 | 7.8 | 85.4 | 6.8 | 255,312,648 | 14,555,127 | 222,568,108 | 18,189,413 | 5.7 | 87.2 | 7.1 | | | | |
| | 1909 | 1,143 | 910 | 493 | 76,165 | 8,423 | 61,561 | 6,181 | 11.1 | 80.8 | 8.1 | 223,948,638 | 21,241,970 | 183,303,633 | 19,403,029 | 9.5 | 81.8 | 8.7 | | | | |
| Bread and other bakery products. | 1919 | 252 | 25 | 32 | 2,088 | 782 | 1,125 | 181 | 37.5 | 53.9 | 8.7 | 12,673,135 | 5,669,917 | 5,713,018 | 1,263,200 | 45.0 | 45.1 | 10.0 | | | | |
| | 1914 | 240 | 10 | 34 | 1,440 | 736 | 518 | 186 | 51.1 | 36.0 | 12.9 | 4,978,175 | 2,083,111 | 1,549,558 | 745,506 | 53.9 | 31.1 | 15.0 | | | | |
| Cars and general shop construction and repairs by steam-railroad companies. | 1910 | 28 | 28 | 28 | 4,424 | 4,424 | 4,424 | 4,424 | 100.0 | 100.0 | 100.0 | 9,519,059 | 9,519,059 | 9,519,059 | 9,519,059 | 100.0 | 100.0 | 100.0 | | | | |
| | 1914 | 20 | 20 | 20 | 2,697 | 2,697 | 2,697 | 2,697 | 100.0 | 100.0 | 100.0 | 3,042,318 | 3,042,318 | 3,042,318 | 3,042,318 | 100.0 | 100.0 | 100.0 | | | | |
| Coffee and spice, roasting and grinding. | 1919 | 9 | 19 | 1 | 271 | 31 | 240 | 240 | 11.4 | 88.6 | 0.0 | 7,935,101 | 432,015 | 7,503,086 | 7,503,086 | 5.4 | 94.6 | 0.0 | | | | |
| | 1914 | 5 | 12 | 1 | 302 | 17 | 285 | 285 | 5.6 | 94.4 | 0.0 | 4,240,550 | 118,748 | 4,121,802 | 4,121,802 | 2.8 | 97.2 | 0.0 | | | | |
| Confectionery and ice cream. | 1919 | 16 | 19 | 6 | 818 | 99 | 689 | 30 | 12.1 | 84.2 | 3.7 | 5,090,473 | 632,097 | 4,291,027 | 173,349 | 12.4 | 84.2 | 3.4 | | | | |
| | 1914 | 14 | 7 | 4 | 297 | 51 | 236 | 10 | 17.2 | 79.5 | 3.4 | 1,133,040 | 205,361 | 904,470 | 23,209 | 18.1 | 79.8 | 2.0 | | | | |
| Fertilizers..... | 1919 | 6 | 6 | 6 | 584 | 584 | 584 | 584 | 100.0 | 100.0 | 100.0 | 4,197,285 | 4,197,285 | 4,197,285 | 4,197,285 | 100.0 | 100.0 | 100.0 | | | | |
| | 1914 | 6 | 6 | 6 | 408 | 408 | 408 | 408 | 100.0 | 100.0 | 100.0 | 2,818,455 | 2,818,455 | 2,818,455 | 2,818,455 | 100.0 | 100.0 | 100.0 | | | | |
| Food preparations, not elsewhere specified. | 1919 | 12 | 19 | 11 | 1,760 | 68 | 1,612 | 80 | 3.9 | 91.6 | 4.5 | 34,405,973 | 2,316,962 | 30,694,927 | 1,394,084 | 6.7 | 89.2 | 4.1 | | | | |
| | 1914 | 13 | 11 | 6 | 994 | 64 | 890 | 40 | 6.4 | 89.5 | 4.0 | 11,714,543 | 253,365 | 11,292,410 | 168,768 | 2.2 | 96.4 | 1.4 | | | | |
| Foundry and machine-shop products. | 1919 | 41 | 38 | 11 | 2,161 | 475 | 1,554 | 132 | 22.0 | 71.9 | 6.1 | 10,697,272 | 2,251,069 | 7,894,740 | 551,473 | 21.0 | 73.8 | 5.2 | | | | |
| | 1914 | 25 | 27 | 8 | 1,312 | 316 | 943 | 53 | 24.1 | 71.9 | 4.0 | 3,169,623 | 762,200 | 2,297,323 | 110,040 | 24.0 | 72.5 | 3.5 | | | | |
| Lumber and timber products. | 1919 | 165 | 246 | 100 | 42,194 | 1,531 | 38,417 | 2,246 | 3.6 | 91.0 | 5.3 | 120,716,435 | 3,495,457 | 111,637,399 | 5,583,579 | 2.9 | 92.5 | 4.6 | | | | |
| | 1914 | 145 | 231 | 78 | 42,169 | 1,597 | 38,615 | 1,957 | 3.8 | 91.6 | 4.6 | 62,077,611 | 1,712,742 | 57,870,476 | 2,494,393 | 2.8 | 93.2 | 4.0 | | | | |
| Lumber, planing-mill products, not including planing mills connected with sawmills. | 1919 | 16 | 31 | 4 | 1,050 | 132 | 853 | 65 | 12.6 | 81.2 | 6.2 | 5,570,041 | 701,287 | 4,618,040 | 250,734 | 12.6 | 82.9 | 4.5 | | | | |
| | 1914 | 16 | 23 | 8 | 1,089 | 80 | 910 | 99 | 7.3 | 83.6 | 9.1 | 2,828,868 | 240,043 | 2,409,656 | 179,169 | 8.5 | 85.2 | 6.3 | | | | |
| Printing and publishing, newspapers and periodicals. | 1919 | 78 | 44 | 27 | 711 | 149 | 489 | 73 | 21.0 | 68.8 | 10.3 | 4,979,417 | 430,467 | 4,310,214 | 238,736 | 8.6 | 88.6 | 4.8 | | | | |
| | 1914 | 108 | 47 | 20 | 641 | 168 | 412 | 61 | 26.2 | 64.3 | 9.5 | 2,619,924 | 318,108 | 2,175,730 | 126,086 | 12.1 | 83.0 | 4.8 | | | | |
| Rice, cleaning and polishing. | 1919 | 12 | 30 | 4 | 1,121 | 34 | 1,030 | 57 | 3.0 | 91.9 | 5.1 | 41,220,471 | 1,935,243 | 36,808,316 | 2,476,912 | 4.7 | 89.3 | 6.0 | | | | |
| | 1914 | 1 | 21 | 2 | 735 | 84 | 659 | 278 | 0.9 | 89.7 | 10.3 | 12,960,090 | 89,700 | 10,983,409 | 1,983,281 | 0.7 | 84.7 | 15.3 | | | | |
| Sugar, including refining... | 1919 | 56 | 103 | 33 | 7,698 | 500 | 6,014 | 1,124 | 7.3 | 78.1 | 14.6 | 141,842,924 | 4,374,140 | 120,236,639 | 17,232,145 | 3.1 | 84.8 | 12.1 | | | | |
| | 1914 | 48 | 90 | 33 | 4,798 | 845 | 3,289 | 664 | 17.6 | 68.5 | 13.8 | 57,948,322 | 3,691,983 | 47,939,195 | 6,917,144 | 6.4 | 81.7 | 11.9 | | | | |
| Total for cities..... | 1919 | 469 | 509 | 163 | 31,959 | 2,553 | 27,154 | 2,252 | 8.0 | 85.0 | 7.0 | 216,078,993 | 15,423,753 | 180,113,349 | 20,541,891 | 7.1 | 83.4 | 9.5 | | | | |
| | 1914 | 447 | 384 | 131 | 21,314 | 2,519 | 16,500 | 2,295 | 11.8 | 77.4 | 10.8 | 83,059,221 | 7,239,261 | 64,688,813 | 11,131,147 | 8.7 | 77.9 | 13.4 | | | | |
| ALEXANDRIA..... | 1919 | 22 | 23 | 7 | 724 | 110 | 558 | 56 | 15.2 | 77.1 | 7.7 | 4,349,790 | 362,164 | 3,736,969 | 250,657 | 8.3 | 85.9 | 5.8 | | | | |
| | 1914 | 22 | 14 | 6 | 359 | 82 | 241 | 36 | 22.8 | 67.1 | 10.0 | 1,055,784 | 192,409 | 715,880 | 147,485 | 18.2 | 67.8 | 14.0 | | | | |
| BATON ROUGE..... | 1919 | 25 | 17 | 8 | 500 | 99 | 359 | 42 | 10.8 | 71.8 | 8.4 | 3,604,282 | 402,409 | 2,957,370 | 244,497 | 11.2 | 82.0 | 6.8 | | | | |
| | 1914 | 22 | 12 | 8 | 358 | 80 | 236 | 42 | 22.3 | 65.9 | 11.7 | 1,122,086 | 216,203 | 770,000 | 126,283 | 19.3 | 69.5 | 11.3 | | | | |
| LAKE CHARLES..... | 1919 | 14 | 25 | 6 | 1,222 | 33 | 1,155 | 34 | 2.7 | 94.5 | 2.8 | 8,290,789 | 200,712 | 7,990,649 | 99,428 | 2.4 | 96.4 | 1.2 | | | | |
| | 1914 | 19 | 21 | 4 | 1,101 | 43 | 966 | 92 | 3.9 | 87.7 | 8.4 | 3,688,863 | 105,153 | 3,424,210 | 159,500 | 2.9 | 92.8 | 4.3 | | | | |
| MONROE..... | 1919 | 13 | 13 | 8 | 745 | 68 | 618 | 59 | 9.1 | 83.0 | 7.9 | 4,159,104 | 264,330 | 3,491,497 | 403,277 | 6.4 | 83.9 | 9.7 | | | | |
| | 1914 | 13 | 12 | 3 | 609 | 46 | 543 | 20 | 7.6 | 89.2 | 3.3 | 1,128,176 | 94,811 | 967,994 | 66,271 | 8.4 | 85.7 | 5.9 | | | | |
| NEW ORLEANS..... | 1919 | 368 | 378 | 127 | 26,641 | 2,117 | 22,517 | 2,007 | 7.9 | 84.5 | 7.5 | 182,798,561 | 13,540,104 | 150,065,817 | 19,192,640 | 7.4 | 82.1 | 10.5 | | | | |
| | 1914 | 340 | 290 | 103 | 17,348 | 2,169 | 13,111 | 2,068 | 12.5 | 75.6 | 11.9 | 69,814,081 | 6,308,349 | 53,209,763 | 10,295,969 | 9.0 | 76.2 | 14.7 | | | | |
| SHREVEPORT..... | 1919 | 27 | 53 | 7 | 2,127 | 126 | 1,947 | 54 | 5.9 | 91.5 | 2.5 | 12,876,467 | 654,034 | 11,871,041 | 351,362 | 5.1 | 92.2 | 2.7 | | | | |
| | 1914 | 31 | 35 | 7 | 1,539 | 66 | 1,403 | 37 | 6.4 | 91.2 | 2.4 | 6,250,231 | 322,336 | 5,692,257 | 335,638 | 5.2 | 89.5 | 5.4 | | | | |

MANUFACTURES—LOUISIANA.

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TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

| | Census year. | Aggregate. | CITIES HAVING A POPULATION OF 10,000 OR OVER. | | | | | | | | THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER. | |
|-------------------------------------|----------------------|---|---|------------------------|--|------------------------|--|------------------------|---|------------------------|--|------------------------|
| | | | Total. | | 10,000 to 25,000. | | 25,000 to 100,000. | | 100,000 and over. | | | |
| | | | Number or amount. | Per cent of aggregate. | Number or amount. | Per cent of aggregate. | Number or amount. | Per cent of aggregate. | Number or amount. | Per cent of aggregate. | Number or amount. | Per cent of aggregate. |
| Number of places..... | 1919 1914 1909 | | 6 6 6 | | 4 4 4 | | 1 1 1 | | 1 1 1 | | | |
| Population ¹ | 1920 1915 1910 | 1,798,500 1,773,482 1,656,388 | 496,148 460,403 414,858 | 27.6 25.4 25.0 | 65,055 56,276 47,768 | 3.6 3.2 2.9 | 43,874 32,906 28,015 | 2.4 1.9 1.7 | 387,219 361,221 339,075 | 21.5 20.4 20.5 | 1,302,361 1,323,079 1,241,530 | 72.4 74.6 75.0 |
| Number of establishments..... | 1919 1914 1909 | 2,617 2,211 2,516 | 1,141 962 1,021 | 43.6 43.5 40.6 | 181 156 112 | 6.9 7.1 4.5 | 87 73 61 | 3.3 3.3 2.4 | 873 733 848 | 33.4 33.2 33.7 | 1,476 1,249 1,495 | 56.4 56.5 59.4 |
| Average number of wage earners..... | 1919 1914 1909 | 98,265 77,665 76,165 | 31,959 21,314 19,985 | 32.5 27.4 26.2 | 3,191 2,427 1,685 | 3.2 3.1 2.2 | 2,127 1,539 1,114 | 2.2 2.0 1.5 | 26,641 17,348 17,186 | 27.1 22.3 22.6 | 66,306 56,351 56,180 | 67.5 72.6 73.8 |
| Value of products..... | 1919 1914 1909 | \$676,189,770 255,312,648 223,948,638 | \$216,078,993 83,050,221 86,801,022 | 32.0 32.5 38.8 | \$20,403,965 6,994,909 4,425,283 | 3.0 2.7 2.0 | \$12,876,467 6,250,231 3,612,609 | 1.9 2.4 1.6 | \$182,798,561 69,814,081 78,794,030 | 27.0 27.3 35.2 | \$460,110,777 172,233,427 137,080,716 | 68.0 67.5 61.2 |
| Value added by manufacture..... | 1919 1914 1909 | 244,785,903 97,426,621 89,083,893 | 81,791,695 34,616,838 33,625,828 | 33.4 35.5 37.7 | 6,602,478 2,910,930 2,009,984 | 2.7 3.0 2.3 | 5,609,155 2,453,314 1,553,873 | 2.3 2.5 1.7 | 69,490,062 29,252,594 30,961,971 | 28.4 30.0 33.7 | 162,994,298 62,809,783 55,458,035 | 66.6 64.5 62.3 |

¹ Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN NEW ORLEANS (THE ONLY CITY IN THE STATE HAVING 50,000 INHABITANTS OR MORE), WITH PER CENT OF TOTAL FOR STATE: 1919.

| INDUSTRY. | VALUE OF PRODUCTS. | | | | INDUSTRY. | VALUE OF PRODUCTS. | | | |
|---|--------------------|--|---------------------|--------------|---|--------------------|--|---------------------|--------------|
| | Amount, 1919. | Per cent of total for the state. | Increase over 1914. | | | Amount, 1919. | Per cent of total for the state. | Increase over 1914. | |
| | | | Amount. | Per cent. | | | | Amount. | Per cent. |
| Bags, other than paper, not including bags made in textile mills..... | \$18,310,111 | 100.0 | \$10,506,089 | 134.6 | Printing and publishing, book and job.. | \$2,451,384 | 83.4 | \$1,291,323 | 111.3 |
| Rice, cleaning and polishing..... | 12,918,939 | 31.3 | 7,434,635 | 135.6 | Ice, manufactured..... | 2,066,549 | 51.8 | 1,254,604 | 154.5 |
| Food preparations, not elsewhere spec- ified..... | 11,522,234 | 33.5 | 10,875,221 | 1,080.8 | Furniture..... | 1,915,893 | 100.0 | 1,156,795 | 152.4 |
| Bread and other bakery products..... | 9,209,038 | 72.7 | 5,723,120 | 164.2 | Mattresses and spring beds, not elsewhere specified..... | 1,280,569 | 70.1 | 655,203 | 104.8 |
| Tobacco, cigars and cigarettes..... | 8,212,271 | 99.9 | (1) | ..... | Copper, tin, and sheet-iron work..... | 1,280,405 | 59.5 | 454,959 | 55.1 |
| Coffee and spice, roasting and grinding..... | 7,638,851 | 96.3 | (1) | ..... | Clothing, women's..... | 1,095,053 | 100.0 | 885,759 | 423.2 |
| Foundry and machine-shop products..... | 6,697,455 | 62.6 | 4,947,065 | 282.6 | Boots and shoes..... | (1) | (1) | (1) | (1) |
| Liquors, malt..... | 5,777,944 | 100.0 | (1) | ..... | Cotton goods..... | (1) | (1) | (1) | (1) |
| Cars and general shop construction and repairs by steam-railroad companies..... | 4,310,476 | 45.3 | 3,260,610 | 310.6 | Gas, illuminating and heating..... | (1) | (1) | (1) | (1) |
| Confectionery and ice cream..... | 4,180,242 | 82.0 | (1) | ..... | Knit goods..... | (1) | (1) | (1) | (1) |
| Printing and publishing, newspapers and periodicals..... | 3,460,464 | 69.3 | 1,608,096 | 87.3 | Liquors, distilled, grain alcohol..... | (1) | (1) | (1) | (1) |
| Lumber, planing-mill products, not in- cluding planing mills connected with sawmills..... | 3,089,611 | 55.5 | 1,653,561 | 115.1 | Lumber and timber products..... | (1) | (1) | (1) | (1) |
| Clothing, men's..... | 3,032,589 | 100.0 | 1,751,107 | 136.6 | Oil and cake, cottonseed..... | (1) | (1) | (1) | (1) |
| Boxes, wooden packing, except cigar boxes..... | 2,903,050 | 60.6 | 1,722,223 | 146.8 | Oil, vegetable and mineral..... | (1) | (1) | (1) | (1) |
| | | | | | Shipbuilding, steel..... | (1) | (1) | (1) | (1) |
| | | | | | Sugar, refining..... | (1) | (1) | (1) | (1) |
| | | | | | Tinware, not elsewhere specified..... | (1) | (1) | (1) | (1) |

¹ Figures can not be shown without disclosing individual operations.

MANUFACTURES—LOUISIANA.

TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

| POWER. | NUMBER OF ENGINES OR MOTORS. | | | HORSEPOWER. | | | | | |
|--|------------------------------|------------------|------------------|-------------|------------------|------------------|------------------------|------------------|------------------|
| | 1919 | 1914 | 1909 | Amount. | | | Per cent distribution. | | |
| | | | | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 |
| Primary power, total..... | 8,065 | 5,759 | 6,123 | 388,605 | 355,193 | 346,652 | 100.0 | 100.0 | 100.0 |
| Owned..... | 3,671 | 3,771 | 4,678 | 346,142 | 338,185 | 337,342 | 89.1 | 95.2 | 97.3 |
| Steam..... | 3,079 | 3,345 | 4,388 | 332,154 | 328,718 | 333,771 | 85.5 | 92.5 | 90.3 |
| Engines..... | 3,023 | (²) | (²) | 316,684 | (²) | (²) | 81.5 | | |
| Turbines..... | 56 | (²) | (²) | 15,470 | (²) | (²) | 4.0 | | |
| Internal-combustion engines..... | 587 | 406 | 284 | 13,928 | 8,020 | 3,496 | 3.6 | 2.3 | 1.0 |
| Water..... | 5 | 20 | 6 | 60 | 1,447 | 75 | (³) | 0.4 | (³) |
| Water wheels and turbines..... | 5 | 8 | 2 | 60 | 58 | 65 | (³) | (³) | (³) |
| Water motors..... | | 12 | 4 | | 1,389 | 10 | | 0.4 | (³) |
| Rented..... | 4,394 | 1,988 | 1,445 | 42,463 | 17,008 | 9,310 | 10.9 | 4.8 | 2.7 |
| Electric..... | 4,394 | 1,988 | 1,445 | 41,091 | 16,580 | 9,077 | 10.6 | 4.7 | 2.6 |
| Other..... | | | | 1,372 | 428 | 233 | 0.4 | 0.1 | 0.1 |
| Electric..... | 6,361 | 3,545 | 2,334 | 84,204 | 50,006 | 27,139 | 100.0 | 100.0 | 100.0 |
| Rented..... | 4,394 | 1,988 | 1,445 | 41,091 | 16,580 | 9,077 | 48.8 | 33.2 | 33.4 |
| Generated by establishments reporting..... | 1,967 | 1,557 | 889 | 43,113 | 33,426 | 18,062 | 51.2 | 66.8 | 66.6 |

¹ Figures for horsepower include for 1909 the amounts reported under the head of "Other" owned power.² Not reported separately.³ Less than one-tenth of 1 per cent.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

| INDUSTRY AND CITY. | COAL. | | Coke (tons, 2,000 lbs.). | Fuel oils (barrels). | Gasoline and other volatile oils (barrels). | Gas (1,000 cubic feet). | |
|---|--------------------------------------|--------------------------------------|-----------------------------|-------------------------|--|----------------------------|------------|
| | Anthracite (tons, 2,240 lbs.). | Bituminous (tons, 2,000 lbs.). | | | | | |
| All industries..... | 1919..... | 4,955 | 474,133 | 101,698 | 2,855,514 | 53,204 | 24,181,161 |
| Per cent of increase ² | 1914..... | 13,749 | 606,750 | 25,621 | 1,931,340 | (¹) | 1,748,117 |
| | | -64.0 | -21.8 | 296.9 | 50.6 | (¹) | 1,283.3 |
| Bone and carbon black..... | | | | | | | |
| Bread and other bakery products..... | 489 | 10,048 | 1,349 | 1,020 | 643 | | 20,016,072 |
| Brick..... | | 909 | 168 | 51,930 | 30 | | 25,414 |
| Cars and general shop construction and repairs by steam-railroad companies..... | 95 | 14,008 | 141 | 51,059 | 20,496 | | 65,228 |
| Fertilizers..... | | 7,242 | | | | | 272,848 |
| | | | | | | | 31,500 |
| Food preparations, not elsewhere specified..... | 342 | 6,761 | 361 | 71,236 | 426 | | 7,387 |
| Foundry and machine-shop products..... | 21 | 6,421 | 4,336 | 4,596 | 1,475 | | 38,892 |
| Gas, illuminating and heating..... | | 24,488 | 32,817 | 143,407 | | | |
| Ice, manufactured..... | | 61,207 | 268 | 175,832 | 162 | | 619,288 |
| Liquors, distilled, grain alcohol..... | | 1,513 | | 137,552 | | | |
| Liquors, malt..... | | | | | | | |
| Lumber and timber products..... | | 13,167 | | 22,198 | | | |
| Oil and cake, cottonseed..... | 1,550 | 72,006 | | 48,771 | 5,195 | | |
| Paper and wood pulp..... | | 50,870 | | 60,497 | 2 | | 538,197 |
| Petroleum, refining..... | | 650 | | 85,923 | | | |
| | | | 58,440 | 278,340 | | | 1,910,816 |
| Rice, cleaning and polishing..... | 703 | 9,143 | | 22,268 | 226 | | |
| Shipbuilding, steel..... | 14 | 9,368 | 995 | 10,608 | 1,689 | | 1,063 |
| Sugar, including refining..... | 1,233 | 123,544 | 112 | 1,612,659 | 3,251 | | 154,277 |
| Wood preserving..... | | 12,090 | | 15,000 | | | 62,971 |
| All other industries..... | 508 | 50,698 | 2,716 | 62,522 | 19,619 | | 437,218 |
| Total for cities..... | 1,098 | 175,658 | 41,284 | 531,768 | 2,412 | | 9,618,931 |
| ALEXANDRIA..... | 46 | 570 | 495 | 10,153 | 43 | | |
| BATON ROUGE..... | 68 | 9,555 | 349 | 12,112 | 135 | | 7,076 |
| LAKE CHARLES..... | | 11 | 108 | 25,138 | 13 | | 1,755 |
| MONROE..... | | 173 | 156 | | 9 | | 8,463,981 |
| NEW ORLEANS..... | 1,584 | 165,297 | 40,171 | 480,814 | 2,196 | | 44,159 |
| SHREVEPORT..... | | 52 | 5 | 3,551 | 16 | | 1,101,960 |

¹ Included in figures for fuel oils.² A minus sign (-) denotes decrease.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for seven of these industries for Louisiana are here presented.

Sugar, including refining (Table 19).—In order to avoid disclosing the operations of individual establishments, it was necessary to combine the data for cane sugar and sugar refining for 1919 and 1914. These combined figures are presented in the following table.

The total cost of materials for the combined industry in 1919 was \$121,240,017, compared with \$48,567,660 in 1914. The value of products increased from \$57,948,322 in 1914 to \$141,842,924 in 1919. There is a certain unavoidable duplication in this item, due to the fact that a large part of the sugar which, in raw form, is the product of the cane-sugar factories also represents, in refined form, the product of the refineries. The value of the raw sugar purchased by the refineries from the cane-sugar factories would have to be deducted from the total given in order to obtain the net value of products of the two industries considered as one. This amount can not be shown, however, without disclosing the operations of individual establishments.

TABLE 19.—SUGAR, INCLUDING REFINING: 1919 AND 1914.

| | 1919 | 1914 |
|--------------------------------|---------------|--------------|
| Materials, total cost..... | \$121,240,017 | \$48,576,060 |
| Products, total value..... | 141,842,924 | 57,948,322 |
| Sugar: | | |
| Quantity (tons)..... | 600,348 | 700,504 |
| Value..... | \$128,600,089 | \$54,650,793 |
| Molasses: | | |
| Quantity (gallons)..... | 21,056,540 | |
| Value..... | \$5,007,504 | |
| Sirup: | | |
| Quantity (gallons)..... | 10,330,873 | 26,935,938 |
| Value..... | \$6,194,684 | \$2,911,105 |
| All other products, value..... | \$2,050,747 | \$377,424 |

Lumber and timber products (Tables 20 and 21).—These tables present statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. This is one of the oldest manufacturing industries in the state, its period of greatest development, however, has been since 1899. Louisiana has ranked second in the production of lumber since 1906, with the exception of 1914. For that year the cut reported was greater than that for any other state.

In 1919 Louisiana led in the production of yellow pine, cypress, and tupelo lumber. The cut of yellow pine was 2,470,407,000 feet, board measure, or 18.9 per cent of the total cut of yellow pine lumber in the

United States and 78.1 per cent of the total cut of lumber from all species in the state. The cut of cypress was 308,139,000 feet, or 9.7 per cent of the cut of the state; red gum 147,260,000 feet, or 4.7 per cent; tupelo 87,634,000 feet, or 2.8 per cent; and oak 85,105,000 feet, or 2.7 per cent. Other native woods contributing important quantities to the total cut were ash, cottonwood, beech, hickory, elm, and yellow poplar. A considerable quantity of imported mahogany was also sawed into lumber.

TABLE 20.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

| PRODUCT. | QUANTITY. ¹ | | |
|--------------------------|------------------------|-----------|-----------|
| | 1919 | 1914 | 1909 |
| Lumber.....M feet b. m. | 3,163,871 | 3,956,434 | 3,551,918 |
| Lath.....thousands.. | 199,018 | (3) | 377,708 |
| Shingles.....thousands.. | 300,784 | (2) | 757,898 |

¹ The output of custom mills is included in 1919 and 1909, but not in 1914.
² Not reported.

The manufacture of cooperage stock is also an important industry in Louisiana. The quantity of such stock produced in 1919 and 1909 is shown in the following table. Comparative figures for 1914 are not available.

TABLE 21.—COOPERAGE STOCK: 1919 AND 1909.

| PRODUCT. | COOPERAGE STOCK. | | | |
|----------------------|------------------|------------|------------|------------|
| | Tight. | | Slack. | |
| | 1919 | 1909 | 1919 | 1909 |
| Staves.....pieces.. | 15,693,000 | 17,228,000 | 23,607,000 | 24,300,000 |
| Heading.....sets.... | 2,034,021 | 864,739 | 1,569,000 | 2,162,000 |
| Hoops.....pieces.... | | | | 14,805,000 |

Petroleum, refining (Table 22).—The following table presents the statistics concerning materials, products, and equipment for the petroleum-refining industry in Louisiana for 1919. Measured by value of products, the state ranked eighth among the states, and the industry ranked third among the manufacturing industries of the state. In 1914 the industry was represented by only one establishment within the state, therefore figures could not be published.

The total production of refined oils, which includes the fuel oils, gasoline and naphthas, illuminating oils, and lubricating oils, was 16,252,691 barrels of 50 gallons, of which fuel oils formed 51.9 per cent, the naphthas and lighter products (gasoline, naphtha and benzine) 25.2 per cent, illuminating oils 21.1 per cent, and lubricating oils 1.8 per cent.

TABLE 22.—PETROLEUM, REFINING: 1919.

| | PETROLEUM, REFINING. | |
|---|----------------------|---------------------|
| | Quantity. | Amount. |
| MATERIALS. | | |
| Total cost..... | | \$49,603,388 |
| Crude petroleum..... bbls. (42 gals.) | 21,268,799 | 42,911,936 |
| Domestic..... bbls. (42 gals.) | 14,266,592 | |
| Mexican..... bbls. (42 gals.) | 7,003,207 | |
| Casing-head gasoline..... bbls. (42 gals.) | 413,226 | 4,304,686 |
| Sulphuric acid..... tons | 15,903 | 372,088 |
| Caustic soda..... pounds | 1,931,075 | 77,463 |
| Other chemicals and filtering material..... | | 32,025 |
| Containers and materials therefor..... | | 357,183 |
| All other materials, including fuel and rent of power..... | | 1,488,022 |
| PRODUCTS. | | |
| Total value..... | | 75,023,726 |
| Gasoline, naphtha, and benzine..... gallons.. | 204,999,737 | 37,458,873 |
| Illuminating oils..... gallons.. | 171,257,871 | 15,733,059 |
| Fuel oils: | | |
| Distillates and gas oils..... gallons.. | 62,506,345 | 5,502,339 |
| Residual fuel oils..... gallons.. | 329,225,741 | 8,920,607 |
| Lubricating oils..... gallons.. | 14,645,033 | 2,335,311 |
| Other petroleum products, paraffin wax, road oils, asphalt, coke, etc., and all other products..... | | 5,045,437 |
| EQUIPMENT. | | |
| Stills: | Number. | Capacity (gallons). |
| Steam..... | 28 | 1,285,000 |
| Fire..... | 215 | 8,698,000 |
| Pressure..... | 60 | 816,000 |
| Agitators..... | 39 | 3,277,000 |
| Storage tanks: | | |
| Crude petroleum..... | 58 | 88,878,000 |
| Refined petroleum products..... | 157 | 86,427,000 |
| Fuel oil..... | 34 | 12,059,000 |
| Other..... | 99 | 75,909,000 |

Rice, cleaning and polishing (Table 23).—As measured by value of products, the cleaning and polishing of rice ranked fifth among the industries of the state. In 1919 Louisiana ranked first among the states in the growing and cleaning and polishing of rice.

The following table shows the quantity of rough rice treated, and the quantity of products, by kinds, for 1919, 1914, and 1909.

TABLE 23.—RICE, CLEANING AND POLISHING: 1919, 1914, AND 1909.

| MATERIAL AND PRODUCT. | QUANTITY (POUNDS). | | |
|-------------------------|--------------------|-------------|-------------|
| | 1919 | 1914 | 1909 |
| Rough rice treated..... | 793,533,285 | 607,616,370 | 540,002,250 |
| Products: | | | |
| Clean rice..... | 505,323,945 | 391,728,722 | 351,302,414 |
| Polish..... | 16,778,378 | 17,984,210 | 17,558,068 |
| Bran..... | 72,248,121 | 60,325,720 | 55,215,995 |

Turpentine and rosin (Table 24).—The quantities and values of turpentine and rosin produced by 33 establishments in 1919, 27 in 1914, and 23 in 1909, are shown in the following table.

TABLE 24.—TURPENTINE AND ROSIN: 1919, 1914, AND 1909.

| PRODUCT. | 1919 | 1914 | 1909 |
|--------------------------------|-------------|-------------|-------------|
| Total value..... | \$5,591,289 | \$1,858,391 | \$1,173,848 |
| Spirits of turpentine: | | | |
| Gallons..... | 1,885,231 | 2,252,118 | 1,231,254 |
| Value..... | \$2,070,871 | \$835,509 | \$592,641 |
| Rosin: | | | |
| Barrels (280 lbs.)..... | 201,608 | 269,274 | 139,486 |
| Value..... | \$3,404,585 | \$1,006,279 | \$573,306 |
| All other products, value..... | \$115,833 | \$16,603 | \$7,901 |

The turpentine and rosin industry in Louisiana has developed rapidly since 1904 when the total value of products was reported as \$211,820. The state ranked fifth in the production of these products in 1909 and 1914; and fourth in 1919.

The great increase shown in the value of products for 1919, as compared with 1914, is due entirely to the high prices prevailing during the later year as the quantity of products reported decreased.

The working unit in turpentine operations is the "crop," which consists of 10,500 boxes or cups. In 1919 there were 893 crops worked in the state. Of these, 569 were from "virgin" trees, or trees worked the first year; 149 from "yearling," or trees worked the second year; and 175 from "pulling," or trees worked the third and subsequent years. Of the total number of crops worked in Louisiana, none were reported as being from back-boxed timber in 1919.

In 1919 only the cup system was reported as being used for gathering crude gum in the state. In 1909 and 1914 both the box and cup systems were reported. In the former year 355 crops out of a total of 633, and in the latter year 40 crops out of a total of 943, were gathered by the box system.

Printing and publishing (Table 25).—This table shows the number and aggregate circulation of all newspapers and periodicals published in Louisiana as reported at the censuses of 1919, 1914, and 1909.

TABLE 25.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

| PERIOD OF ISSUE. | NUMBER OF PUBLICATIONS. | | | AGGREGATE CIRCULATION PER ISSUE. | | |
|-------------------------------|-------------------------|------|------|----------------------------------|---------|---------|
| | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 |
| Total..... | 171 | 217 | 198 | 675,893 | 541,803 | 511,689 |
| Daily..... | 17 | 19 | 23 | 233,160 | 139,686 | 136,226 |
| Sunday..... | 6 | 7 | 8 | 247,556 | 178,168 | 152,920 |
| Semiweekly ¹ | 5 | 5 | 7 | 14,791 | 3,700 | 18,879 |
| Weekly..... | 117 | 157 | 141 | 125,262 | 148,987 | 176,193 |
| Monthly ² | 26 | 29 | 19 | 55,121 | 71,262 | 27,471 |

¹ Includes in 1914 and 1909, 1 triweekly.

² Includes in 1919, 2 semimonthlies; in 1914, 4 semimonthlies and 1 semiannual.

The decrease in number of publications is due almost wholly to the disappearance of a large number of small weekly newspapers, a condition which is also reported from many other states.

Of the daily circulation, 141,432, or 60.7 per cent, was reported by the 12 afternoon papers. The increase in afternoon circulation since 1914 is 72,033, or 103.8 per cent. The Sunday newspaper circulation for 1919 was 36.6 per cent of the entire newspaper and periodical circulation reported; this is an increase of 69,388, or 38.9 per cent, over the circulation for 1914.

Eleven foreign language publications—8 weeklies and 3 monthlies—were reported with a circulation of 17,147. Two weeklies were in French, 4 in French and English, and 2 in Italian. Of the monthly publications, 2 were in Spanish and 1 in English and Spanish.

Ice, manufactured (Table 26).—This table gives the quantity and value of the products of this industry for 1919, 1914, and 1909, together with the equipment for 1919 and 1914.

TABLE 26.—ICE, MANUFACTURED: 1919, 1914, AND 1909.

| | 1919 | 1914 | 1909 |
|---|-------------|-------------|------------------|
| Number of establishments ¹ | 70 | 76 | 69 |
| Products, total value..... | \$3,990,334 | \$1,062,071 | \$1,500,985 |
| Can ice: | | | |
| Tons..... | 751,525 | 590,933 | 449,362 |
| Value..... | \$3,713,911 | \$1,879,672 | \$1,438,300 |
| Plate ice: | | | |
| Tons..... | | | 5,000 |
| Value..... | | | \$12,292 |
| All other products, value..... | \$276,423 | \$82,399 | \$50,393 |
| Machines used, number..... | 113 | 123 | (²) |
| Ice-making capacity per day (24 hours), tons..... | 6,538 | 3,521 | (²) |
| Storage space for ice, cubic feet..... | 941,036 | 769,935 | (²) |
| Storage space for general cold storage, cubic feet..... | 597,629 | 362,400 | (²) |

¹ Does not include 7 establishments in 1919 manufacturing 19,437 tons of ice, valued at \$125,562, as a subsidiary product; and 3 similar establishments in 1914 manufacturing 7,747 tons of ice, valued at \$31,346.

² Not reported.

Of the 70 establishments reported for 1919, 51 employed the compressor system, 18 the absorption system, and 1 both systems. These establishments used 188,614 pounds of anhydrous ammonia, valued at \$61,387, and 375,761 pounds of aqua ammonia, valued at \$30,717. There were 113 machines operated, with a combined capacity of 6,538 tons of ice per day of 24 hours, or an average of 57.9 tons per day.

Laundries (Table 27).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 27, however, summarizes the statistics for such laundries in the state for 1919 and 1914.

TABLE 27.—POWER LAUNDRIES: 1919 AND 1914.

| | NUMBER OR AMOUNT. | | Per cent ¹ of increase, ¹ 1914-1919 |
|------------------------------------|-------------------|-------------|---|
| | 1919 | 1914 | |
| Number of establishments..... | 24 | 28 | |
| Persons engaged..... | 1,837 | 1,369 | 34.2 |
| Proprietors and firm members..... | 17 | 24 | |
| Salaried employees..... | 215 | 102 | 110.8 |
| Wage earners (average number)..... | 1,605 | 1,243 | 29.1 |
| Primary horsepower..... | 1,778 | 1,197 | 48.5 |
| Capital..... | \$1,449,125 | \$1,102,216 | 31.5 |
| Salaries and wages..... | 1,118,012 | 551,575 | 102.7 |
| Salaries..... | 329,437 | 114,323 | 188.2 |
| Wages..... | 788,575 | 437,252 | 80.3 |
| Paid for contract work..... | 2,003 | 250 | 1,061.2 |
| Rent and taxes..... | 67,812 | 27,306 | 147.8 |
| Cost of materials..... | 485,213 | 231,637 | 109.5 |
| Amount received for work done..... | 2,349,774 | 1,190,148 | 97.4 |

¹ Percentages are omitted where base is less than 100.

Dyeing and cleaning (Table 28).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 28.—DYEING AND CLEANING: 1919.

| | Number or amount. |
|------------------------------------|-------------------|
| Number of establishments..... | 26 |
| Persons engaged..... | 220 |
| Proprietors and firm members..... | 23 |
| Salaried employees..... | 39 |
| Wage earners (average number)..... | 158 |
| Primary horsepower..... | 240 |
| Capital..... | \$187,950 |
| Salaries and wages..... | 105,414 |
| Salaries..... | 51,613 |
| Wages..... | 113,801 |
| Paid for contract work..... | 440 |
| Rent and taxes..... | 15,259 |
| Cost of materials..... | 80,375 |
| Amount received for work done..... | 384,776 |

Custom sawmills and gristmills (Table 29).—This table shows, for 1919 and 1909, a summary for custom sawmills and custom gristmills. Statistics for these custom mills are not included in the general tables nor in the totals for manufacturing industries, but are presented by totals in this table.

TABLE 29.—CUSTOM SAWMILLS AND GRISTMILLS, 1919 AND 1909.

| | CUSTOM SAWMILLS. | | | CUSTOM GRISTMILLS. | | |
|------------------------------------|------------------|------------------|---|--------------------|------------------|----------------------------------|
| | 1919 | 1909 | Per cent of increase, ¹ 1909-1919. | 1919 | 1909 | Per cent of increase, 1909-1919. |
| Number of establishments..... | 4 | 3 | | 60 | 31 | |
| Persons engaged..... | 12 | 13 | | 79 | 77 | |
| Proprietors and firm members..... | 10 | 2 | | 74 | 32 | |
| Wage earners (average number)..... | 2 | 11 | | 5 | 45 | |
| Primary horsepower..... | 106 | 95 | 11.6 | 1,212 | 830 | 46.0 |
| Capital..... | \$7,025 | \$9,000 | -20.6 | \$55,312 | \$34,751 | 59.2 |
| Wages..... | 969 | 3,804 | -74.6 | 4,839 | 2,986 | 62.1 |
| Rent and taxes..... | 130 | (²) | | 705 | (³) | |
| Cost of materials..... | 144 | 213 | -32.4 | 143,276 | 35,462 | 304.0 |
| Value of products..... | 5,015 | 6,000 | -17.7 | 177,607 | 46,471 | 282.2 |

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.

² Figures not available.

³ Includes estimates of all grain ground. Value of products for custom sawmills represents the amount charged for work performed.

GENERAL TABLES.

Table 30 gives, for 1919, 1914, and 1909, for selected industries in the state and in New Orleans, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products; and for five cities having from 10,000 to 50,000 inhabitants, similar data for all industries combined.

Table 31 presents, for 1919, for the state as a whole and for New Orleans, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and the statistics for all industries combined for cities of 10,000 to 50,000 inhabitants.

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

| INDUSTRY AND CITY. | Cen- sus year. | Number of estab- lish- ments | Wage earners (average num- ber). | Pri- mary horse- power. | Wages. | Cost of mate- rials. | Value of prod- ucts. | INDUSTRY AND CITY. | Cen- sus year. | Number of estab- lish- ments | Wage earners (average num- ber). | Pri- mary horse- power. | Wages. | Cost of mate- rials. | Value of prod- ucts. |
|---|----------------------|---------------------------------------|--|----------------------------------|-------------------------|----------------------------|----------------------------|--|----------------------|---------------------------------------|--|----------------------------------|-------------------------|----------------------------|----------------------------|
| | | | | | Expressed in thousands. | | | | | | | | Expressed in thousands. | | |
| | | | | | | | | | | | | | | | |
| THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES. | | | | | | | | | | | | | | | |
| All industries..... | 1919 | 2,617 | 98,265 | 388,605 | \$94,406 | \$131,401 | \$676,190 | Furniture..... | 1919 | 17 | 564 | 696 | \$411 | \$980 | \$1,916 |
| | 1914 | 2,211 | 77,665 | 355,193 | 39,544 | 157,886 | 255,313 | | 1914 | 17 | 347 | 583 | 172 | 320 | 759 |
| | 1909 | 2,516 | 76,165 | 346,652 | 33,386 | 134,865 | 223,949 | | 1909 | 17 | 350 | 570 | 167 | 274 | 620 |
| Bags, other than paper, not including bags made in textile mills. | 1919 | 5 | 634 | 525 | 498 | 14,359 | 18,310 | Ice, manufactured..... | 1919 | 70 | 785 | 14,730 | 783 | 1,323 | 3,990 |
| | 1914 | 4 | 713 | 1,229 | 236 | 6,929 | 7,804 | | 1914 | 76 | 782 | 12,078 | 442 | 676 | 1,962 |
| | 1909 | 6 | 474 | 189 | 158 | 5,072 | 5,352 | | 1909 | 69 | 633 | 10,556 | 357 | 499 | 1,501 |
| Boots and shoes..... | 1919 | 4 | 300 | 167 | 197 | 733 | 1,136 | Leather goods ⁴ | 1919 | 11 | 167 | 97 | 157 | 698 | 1,109 |
| | 1914 | 7 | 261 | 166 | 120 | 367 | 534 | | 1914 | 13 | 176 | 126 | 100 | 525 | 945 |
| | 1909 | 13 | 278 | 190 | 112 | 303 | 517 | | 1909 | 17 | 230 | 122 | 120 | 708 | 1,025 |
| Bread and other bakery products. | 1919 | 309 | 2,088 | 1,835 | 1,642 | 8,132 | 12,673 | Liquors, distilled, grain alcohol. | 1919 | 6 | 279 | 1,692 | 330 | 4,178 | 8,246 |
| | 1914 | 284 | 1,440 | 1,283 | 689 | 2,793 | 4,978 | | 1914 | 3 | 120 | 865 | 88 | 1,164 | 5,358 |
| | 1909 | 289 | 1,289 | 940 | 669 | 2,703 | 4,620 | | 1909 | 4 | 77 | 140 | 58 | 863 | 8,654 |
| Canning and preserving ¹ . | 1919 | 38 | 653 | 750 | 297 | 1,348 | 2,146 | Liquors, malt..... | 1919 | 8 | 426 | 3,220 | 452 | 1,604 | 5,778 |
| | 1914 | 28 | 991 | 710 | 177 | 663 | 1,365 | | 1914 | 10 | 510 | 2,746 | 460 | 1,434 | 4,301 |
| | 1909 | 26 | 974 | 659 | 183 | 573 | 978 | | 1909 | 9 | 512 | 2,207 | 394 | 1,037 | 3,573 |
| Carriages and wagons and materials. | 1919 | 24 | 166 | 350 | 146 | 220 | 491 | Lumber and timber products. ⁶ | 1919 | 585 | 44,548 | 161,147 | 44,544 | 42,923 | 130,521 |
| | 1914 | 31 | 333 | 849 | 178 | 238 | 509 | | 1914 | 516 | 44,419 | 161,394 | 23,646 | 27,723 | 66,656 |
| | 1909 | 40 | 358 | 568 | 196 | 206 | 529 | | 1909 | 702 | 46,072 | 150,286 | 20,033 | 23,156 | 62,838 |
| Cars and general shop construction and re- pairs by electric-rail- road companies. | 1919 | 7 | 417 | 396 | 568 | 446 | 1,066 | Marble and stone work... | 1919 | 15 | 109 | 301 | 188 | 236 | 603 |
| | 1914 | 6 | 387 | 261 | 276 | 138 | 444 | | 1914 | 22 | 186 | 317 | 208 | 261 | 686 |
| | | | | | | | | | 1909 | 22 | 230 | 226 | 155 | 260 | 609 |
| Cars and general shop construction and re- pairs by steam-railroad companies. | 1919 | 28 | 4,424 | 3,214 | 6,283 | 2,799 | 9,519 | Mattresses and spring beds, not elsewhere specified. | 1919 | 13 | 203 | 433 | 187 | 876 | 1,619 |
| | 1914 | 26 | 2,697 | 2,365 | 1,736 | 1,077 | 3,012 | | 1914 | 18 | 227 | 386 | 100 | 405 | 684 |
| | 1909 | 26 | 2,426 | 1,799 | 1,323 | 982 | 2,527 | | 1909 | 22 | 203 | 287 | 86 | 200 | 491 |
| Clothing, men's, includ- ing shirts. | 1919 | 21 | 1,029 | 219 | 460 | 1,917 | 3,122 | Mineral and soda waters. | 1919 | 79 | 440 | 995 | 255 | 1,403 | 2,777 |
| | 1914 | 17 | 833 | 130 | 217 | 864 | 1,359 | | 1914 | 75 | 256 | 676 | 126 | 377 | 824 |
| | 1909 | 19 | 817 | 136 | 173 | 660 | 1,168 | | 1909 | 72 | 200 | 283 | 98 | 204 | 513 |
| Coffee and spice, roasting and grinding. | 1919 | 29 | 271 | 631 | 241 | 5,798 | 7,935 | Oil and cake, cottonseed. | 1919 | 28 | 1,605 | 13,028 | 1,241 | 50,164 | 57,162 |
| | 1914 | 17 | 302 | 585 | 115 | 2,700 | 4,241 | | 1914 | 37 | 1,127 | 11,097 | 487 | 16,165 | 18,106 |
| | 1909 | 17 | 236 | 516 | 100 | 2,261 | 3,005 | | 1909 | 43 | 894 | 12,142 | 318 | 11,668 | 13,085 |
| Confectionery and ice cream. | 1919 | 41 | 818 | 832 | 443 | 3,076 | 5,096 | Patent medicines and compounds and drug- gists' preparations. ⁷ | 1919 | 25 | 171 | 42 | 84 | 423 | 1,006 |
| | 1914 | 25 | 297 | 454 | 109 | 547 | 1,133 | | 1914 | 25 | 65 | 46 | 21 | 132 | 401 |
| | | | | | | | | | 1909 | 21 | 111 | 68 | 29 | 134 | 363 |
| Cooperage ² | 1919 | 19 | 828 | 1,504 | 653 | 2,153 | 3,215 | Printing and publishing ⁸ | 1919 | 270 | 1,581 | 2,065 | 1,407 | 3,081 | 8,110 |
| | 1914 | 22 | 745 | 950 | 337 | 1,078 | 1,659 | | 1914 | 290 | 1,405 | 1,610 | 1,085 | 1,062 | 4,317 |
| | 1909 | 41 | 966 | 1,315 | 351 | 879 | 1,595 | | 1909 | 268 | 1,544 | 1,494 | 1,061 | 1,013 | 3,823 |
| Copper, tin, and sheet- iron work. ³ | 1919 | 43 | 438 | 497 | 439 | 1,137 | 2,152 | Rice, cleaning and pol- ishing. | 1919 | 46 | 1,121 | 12,562 | 803 | 36,017 | 41,220 |
| | 1914 | 53 | 475 | 287 | 258 | 714 | 1,255 | | 1914 | 24 | 735 | 7,742 | 368 | 11,694 | 12,967 |
| | 1909 | 66 | 979 | 1,173 | 503 | 1,730 | 2,899 | | 1909 | 37 | 693 | 10,706 | 327 | 10,971 | 12,529 |
| Fertilizers..... | 1919 | 6 | 584 | 2,317 | 452 | 2,634 | 4,197 | Shipbuilding, wooden, including boat build- ing. | 1919 | 16 | 2,017 | 2,841 | 2,173 | 1,906 | 5,166 |
| | 1914 | 6 | 408 | 1,948 | 171 | 1,932 | 2,818 | | 1914 | 15 | 419 | 1,144 | 235 | 268 | 693 |
| | 1909 | 6 | 295 | 1,178 | 127 | 1,324 | 1,757 | | 1909 | 25 | 374 | 1,301 | 236 | 154 | 573 |
| Flour-mill and gristmill products. | 1919 | 17 | 48 | 600 | 43 | 1,188 | 1,384 | Sugar, including refining. | 1919 | 192 | 7,698 | 108,519 | 5,752 | 121,240 | 141,843 |
| | 1914 | 7 | 31 | 313 | 14 | 624 | 687 | | 1914 | 171 | 4,798 | 117,966 | 2,284 | 48,577 | 57,948 |
| | 1909 | 11 | 82 | 895 | 33 | 840 | 943 | | 1909 | 209 | 5,093 | 128,047 | 2,439 | 52,302 | 63,775 |
| Food preparations, not elsewhere specified. | 1919 | 42 | 1,760 | 4,210 | 1,301 | 27,076 | 34,406 | Turpentine and rosin.... | 1919 | 33 | 2,604 | 131 | 1,628 | 1,381 | 5,501 |
| | 1914 | 30 | 994 | 1,969 | 391 | 8,956 | 11,715 | | 1914 | 27 | 2,472 | 79 | 688 | 424 | 1,858 |
| | 1909 | 29 | 351 | 1,066 | 130 | 4,477 | 5,340 | | 1909 | 23 | 1,688 | 105 | 420 | 159 | 1,174 |
| Foundry and machine- shop products. ⁴ | 1919 | 105 | 2,278 | 4,760 | 3,239 | 4,485 | 11,136 | Wood preserving..... | 1919 | 6 | 292 | 1,260 | 234 | 1,680 | 2,740 |
| | 1914 | 66 | 1,343 | 2,601 | 936 | 1,345 | 3,214 | | 1914 | 5 | 203 | 885 | 108 | 1,200 | 1,580 |
| | 1909 | 83 | 1,314 | 2,557 | 812 | 1,452 | 2,998 | | 1909 | 5 | 145 | 835 | 62 | 865 | 1,218 |
| | | | | | | | | All other industries..... | 1919 | 459 | 16,829 | 42,030 | 16,875 | 83,790 | 138,809 |
| | | | | | | | | | 1914 | 238 | 7,168 | 10,314 | 3,066 | 14,514 | 28,541 |
| | | | | | | | | | 1909 | 279 | 6,268 | 14,090 | 2,166 | 6,946 | 13,357 |

¹ Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; "canning and preserving, oysters"; and "pickles, preserves, and sauces."

² Includes "wooden goods, not elsewhere specified" in 1909.

³ Includes "stamped and enameled ware" and "tinware" in 1909.

⁴ Includes "structural ironwork, not made in steel works or rolling mills" and "iron and steel, welding" in all years, "steam and hot-water radiators and cast-iron heating boilers" in 1919 and 1909, and also "engines, steam, gas, and water," and "pumps, steam" in 1919.

⁵ Includes "saddlery and harness" and "trunks and valises."

⁶ Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens."

⁷ Includes "perfumery and cosmetics."

⁸ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing" for all years; and also "lithographing," in 1914 and 1909.

MANUFACTURES—LOUISIANA.

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TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

| INDUSTRY AND CITY. | Cen- sus year. | Num- ber of estab- lish- ments. | Wage earners (aver- age num- ber). | Pri- mary horse- power. | Wages. | Cost of mate- rials. | Value of prod- ucts. | INDUSTRY AND CITY. | Cen- sus year. | Num- ber of estab- lish- ments. | Wage earners (aver- age num- ber). | Pri- mary horse- power. | Wages. | Cost of mate- rials. | Value of prod- ucts. |
|--|----------------------|---|---|----------------------------------|----------|----------------------------|----------------------------|--|----------------------|---|---|----------------------------------|--------|----------------------------|----------------------------|
| | | | | | | | | | | | | | | | |
| CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES. | | | | | | | | | | | | | | | |
| NEW ORLEANS.. All industries. | 1919 | 873 | 26,641 | 52,507 | \$24,614 | \$113,308 | \$182,799 | Food preparations, not elsewhere specified. | 1919 | 33 | 739 | 1,594 | \$428 | \$0,133 | \$11,522 |
| | 1914 | 733 | 17,348 | 37,133 | 8,538 | 40,561 | 69,814 | | 1914 | 21 | 240 | 376 | 78 | 387 | 647 |
| | 1909 | 848 | 17,180 | 38,145 | 8,020 | 48,732 | 78,794 | | 1909 | 22 | 156 | 455 | 57 | 405 | 186 |
| Bags, other than paper, not including bags made in textile mills. | 1919 | 5 | 634 | 525 | 498 | 14,359 | 18,310 | Foundry and machine- shop products. ¹ | 1919 | 50 | 1,334 | 2,611 | 2,070 | 2,870 | 7,054 |
| | 1914 | 4 | 713 | 1,229 | 236 | 6,929 | 7,804 | | 1914 | 25 | 686 | 1,235 | 516 | 838 | 1,795 |
| | 1909 | 6 | 474 | 189 | 158 | 5,072 | 5,352 | | 1909 | 39 | 698 | 1,099 | 468 | 1,020 | 1,895 |
| Boxes, wooden packing, except cigar boxes. | 1919 | 10 | 652 | 1,960 | 444 | 1,670 | 2,903 | Furniture..... | 1919 | 17 | 564 | 696 | 411 | 980 | 1,916 |
| | 1914 | 8 | 444 | 1,530 | 187 | 787 | 1,181 | | 1914 | 17 | 347 | 583 | 172 | 320 | 759 |
| | 1909 | 12 | 550 | 1,413 | 212 | 764 | 1,204 | | 1909 | 15 | 325 | 455 | 146 | 225 | 528 |
| Bread and other bakery products. | 1919 | 114 | 1,532 | 1,278 | 1,199 | 5,813 | 9,209 | Ice, manufactured..... | 1919 | 20 | 313 | 4,536 | 362 | 646 | 2,067 |
| | 1914 | 104 | 970 | 912 | 477 | 1,925 | 3,486 | | 1914 | 20 | 256 | 2,901 | 177 | 340 | 812 |
| | 1909 | 125 | 894 | 814 | 474 | 1,930 | 3,243 | | 1909 | 20 | 284 | 3,140 | 174 | 250 | 661 |
| Canning and preserving ¹ . | 1919 | 10 | 252 | 186 | 75 | 393 | 615 | Lumber, planing-mill products, not including planing mills con- nected with sawmills. | 1919 | 28 | 577 | 2,210 | 543 | 1,956 | 3,000 |
| | 1914 | 9 | 344 | 63 | 59 | 281 | 595 | | 1914 | 22 | 642 | 1,877 | 349 | 872 | 1,436 |
| | 1909 | 11 | 182 | 95 | 38 | 202 | 292 | | 1909 | 38 | 826 | 4,036 | 464 | 851 | 1,635 |
| Carriages and wagons, including repairs. | 1919 | 7 | 67 | 122 | 66 | 93 | 195 | Mattresses and spring beds, not elsewhere specified. | 1919 | 8 | 244 | 321 | 153 | 661 | 1,281 |
| | 1914 | 16 | 214 | 238 | 121 | 150 | 345 | | 1914 | 14 | 198 | 342 | 90 | 374 | 625 |
| | 1909 | 20 | 272 | 217 | 151 | 141 | 373 | | 1909 | 19 | 183 | 174 | 79 | 263 | 450 |
| Cars and general shop construction and re- pairs by steam-railroad companies. | 1919 | 5 | 1,062 | 1,035 | 2,051 | 1,224 | 4,310 | Patent medicines and compounds and drug- gists' preparations. ⁵ | 1919 | 19 | 157 | 37 | 77 | 366 | 934 |
| | 1914 | 7 | 1,157 | 577 | 655 | 306 | 1,050 | | 1914 | 18 | 58 | 41 | 20 | 119 | 303 |
| | 1909 | 6 | 973 | 571 | 452 | 361 | 895 | | 1909 | 20 | 110 | 68 | 28 | 132 | 360 |
| Clothing, men's, includ- ing shirts. | 1919 | 21 | 1,020 | 219 | 460 | 1,917 | 3,122 | Printing and publish- ing. ⁶ | 1919 | 131 | 973 | 1,512 | 900 | 2,415 | 6,084 |
| | 1914 | 17 | 833 | 130 | 217 | 864 | 1,359 | | 1914 | 127 | 916 | 1,084 | 675 | 805 | 3,218 |
| | 1909 | 19 | 817 | 136 | 173 | 660 | 1,168 | | 1909 | 122 | 1,112 | 1,131 | 824 | 810 | 3,014 |
| Clothing, women's..... | 1919 | 12 | 266 | 57 | 121 | 658 | 1,005 | Rice, cleaning and pol- ishing. | 1919 | 9 | 365 | 3,487 | 226 | 11,673 | 12,910 |
| | 1914 | 4 | 112 | 6 | 20 | 121 | 200 | | 1914 | 8 | 233 | 3,380 | 143 | 4,847 | 5,484 |
| | 1909 | 20 | 457 | 410 | 184 | 535 | 934 | | 1909 | 9 | 234 | 3,611 | 137 | 4,681 | 5,125 |
| Cooperage ² | 1919 | 12 | 180 | 218 | 147 | 588 | 955 | All other industries..... | 1919 | 344 | 14,476 | 29,172 | 13,146 | 55,227 | 63,938 |
| | 1914 | 14 | 400 | 404 | 191 | 556 | 803 | | 1914 | 255 | 8,241 | 19,911 | 3,965 | 10,269 | 36,928 |
| | 1909 | 20 | 457 | 410 | 184 | 535 | 934 | | 1909 | 282 | 7,792 | 19,153 | 3,375 | 28,856 | 48,519 |
| Copper, tin, and sheet- iron work. ³ | 1919 | 18 | 325 | 431 | 328 | 636 | 1,280 | | | | | | | | |
| | 1914 | 23 | 344 | 214 | 181 | 471 | 825 | | | | | | | | |
| | 1909 | 43 | 847 | 1,068 | 426 | 1,574 | 2,554 | | | | | | | | |
| CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED. | | | | | | | | | | | | | | | |
| ALEXANDRIA..... | 1919 | 52 | 724 | 2,881 | \$621 | \$3,033 | \$4,350 | MONROE..... | 1919 | 31 | 745 | 2,942 | \$721 | \$2,832 | \$4,159 |
| | 1914 | 42 | 359 | 2,535 | 190 | 508 | 1,056 | | 1914 | 28 | 609 | 2,069 | 377 | 534 | 1,128 |
| | 1909 | 28 | 188 | 2,260 | 83 | 364 | 586 | | 1909 | 19 | 406 | 1,431 | 216 | 450 | 936 |
| BATON ROUGE..... | 1919 | 50 | 500 | 1,631 | 491 | 2,522 | 3,604 | SHREVEPORT..... | 1919 | 87 | 2,127 | 6,385 | 2,381 | 7,267 | 12,876 |
| | 1914 | 42 | 358 | 1,474 | 154 | 664 | 1,122 | | 1914 | 73 | 1,539 | 4,958 | 952 | 3,707 | 6,250 |
| | 1909 | 32 | 355 | 1,514 | 142 | 331 | 652 | | 1909 | 61 | 1,114 | 3,042 | 671 | 2,089 | 3,643 |
| LAKE CHARLES..... | 1919 | 45 | 1,222 | 6,544 | 1,426 | 5,325 | 8,291 | | | | | | | | |
| | 1914 | 44 | 1,101 | 6,463 | 649 | 2,287 | 3,089 | | | | | | | | |
| | 1909 | 33 | 736 | 3,777 | 395 | 1,269 | 2,251 | | | | | | | | |

¹ Includes "canning and preserving, fish" and "pickles, preserves, and sauces" in all years, and also "canning and preserving, vegetables," in 1919.² Includes "wooden goods" in 1909.³ Includes "stamped and enameled ware" and "tinware" in 1909.⁴ Includes "structural ironwork, not made in steel works or rolling mills" in all years; "steam and hot-water radiators and cast-iron heating boilers" in 1919 and 1909; and also "engines, steam, gas, and water," and "pumps, steam" in 1919.⁵ Includes "perfumery and cosmetics."⁶ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

MANUFACTURES—LOUISIANA.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | Capital. | |
|--------------------|--------------------------|----------------------------------|-------------------------------|---|--------------|---------|-----------------|----------------------|--------|--|---------|-----------|---------|----------|----------------|
| | | Total. | Proprietors and firm members. | Salaried officers, superintendents, and managers. | Clerks, etc. | | Wage earners. | | Total. | 16 and over. | | Under 16. | | | |
| | | | | | Male. | Female. | Average number. | Number, 15th day of— | | Male. | Female. | Male. | Female. | | |
| | | | | | | | | Maximum month. | | | | | | | Minimum month. |
| | | | | | | | | | | | | | | | |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

| | | | | | | | | | | | | | | | | | Dollars. |
|----|--|-------|---------|-------|-------|-------|-------|--------|------------|-----------|-------|-------|-----|-----|-----|-----|-------------|
| | | | | | | | | | | | | | | | | | |
| 1 | All industries..... | 2,617 | 112,523 | 2,042 | 4,570 | 5,937 | 1,709 | 98,265 | No 117,665 | Mh 89,172 | (*) | (*) | (*) | (*) | (*) | (*) | 462,209,057 |
| 2 | Artificial stone products..... | 4 | 13 | 5 | 7 | 12 | 3 | 8 | No 9 | De 7 | 9 | 9 | | | | | 9,242 |
| 3 | Automobile bodies and parts..... | 10 | 206 | 10 | 7 | 12 | 3 | 174 | Au 197 | Fe 152 | 196 | 196 | | | | | 321,854 |
| 4 | Automobile repairing..... | 128 | 779 | 151 | 43 | 41 | 21 | 523 | No 576 | Mh 457 | 574 | 567 | 2 | 5 | | | 1,146,743 |
| 5 | Awnings, tents, and sails..... | 7 | 77 | 5 | 7 | 10 | 1 | 54 | De 59 | Ja 48 | 60 | 41 | 19 | | | | 206,794 |
| 6 | Bags, other than paper, not including bags made in textile mills. | 5 | 743 | | 20 | 53 | 36 | 634 | Oc 702 | Ap 581 | 676 | 239 | 409 | 10 | 18 | | 4,070,060 |
| 7 | Bone and carbon black..... | 7 | 156 | 5 | 11 | 10 | 1 | 129 | Oc 140 | Je 121 | 134 | 134 | | | | | 2,891,015 |
| 8 | Bookbinding and blank-book making. | 7 | 54 | 8 | 6 | | | 40 | My 44 | Ja 29 | 43 | 27 | 16 | | | | 50,153 |
| 9 | Boots and shoes..... | 4 | 346 | 7 | 12 | 17 | 10 | 300 | Oc 310 | Ja 287 | 302 | 194 | 84 | 17 | 7 | | 774,290 |
| 10 | Boxes, cigar..... | 3 | 79 | | 6 | 1 | 1 | 71 | Jy 86 | Ja 61 | 66 | 25 | 34 | 4 | 3 | | 113,288 |
| 11 | Boxes, paper, not elsewhere specified. | 6 | 363 | 5 | 20 | 8 | 6 | 324 | De 367 | Ja 244 | 367 | 126 | 191 | 20 | 30 | | 392,660 |
| 12 | Boxes, wooden packing, except cigar boxes. | 17 | 1,389 | 10 | 50 | 34 | 13 | 1,282 | De 1,705 | Je 1,156 | 1,761 | 1,520 | 226 | 15 | | | 2,423,551 |
| 13 | Brass, bronze, and copper products. | 6 | 59 | 5 | 6 | 5 | | 43 | Oc 47 | Fe 34 | 46 | 46 | | | | | 84,013 |
| 14 | Bread and other bakery products..... | 309 | 2,705 | 320 | 78 | 144 | 75 | 2,088 | | | 2,276 | 1,488 | 712 | 22 | 54 | | 3,774,009 |
| 15 | Biscuit and crackers..... | 4 | 585 | 1 | 14 | 48 | 9 | 513 | Oc 566 | Jy 457 | 564 | 239 | 209 | 4 | 52 | | 850,535 |
| 16 | Bakery products, other than biscuit and crackers. | 305 | 2,120 | 319 | 64 | 96 | 66 | 1,575 | De 1,699 | Fe 1,486 | 1,712 | 1,249 | 443 | 18 | 2 | | 2,923,474 |
| 17 | Brick..... | 18 | 506 | 10 | 28 | 22 | 12 | 434 | Se 549 | Fe 209 | 555 | 543 | | 12 | | | 1,031,143 |
| 18 | Brooms, from broom corn..... | 12 | 163 | 12 | 8 | 8 | 2 | 133 | De 144 | No 124 | 149 | 117 | 25 | 4 | 3 | | 276,698 |
| 19 | Canning and preserving, fish..... | 16 | 437 | 17 | 27 | 6 | 4 | 383 | Se 615 | Ja 68 | 742 | 184 | 558 | | | | 797,756 |
| 20 | Canning and preserving, fruits and vegetables. | 11 | 197 | 12 | 23 | 11 | 2 | 149 | My 299 | Fe 31 | 471 | 191 | 251 | 13 | 16 | | 495,770 |
| 21 | Canning and preserving, oysters..... | 3 | 47 | 3 | 2 | | | 42 | Oc 70 | Au 42 | 77 | 42 | 35 | | | | 97,008 |
| 22 | Carriage and wagon materials..... | 3 | 32 | 6 | | 4 | | 22 | Oc 24 | Se 18 | 22 | 22 | | | | | 41,048 |
| 23 | Carriages and wagons, including repairs. | 21 | 184 | 24 | 11 | 2 | 3 | 144 | | | 154 | 153 | 1 | | | | 365,949 |
| 24 | Carriages and wagons..... | 16 | 169 | 19 | 11 | 2 | 3 | 134 | No 150 | Ja 123 | 143 | 142 | 1 | | | | 353,256 |
| 25 | Repair work only..... | 5 | 15 | 5 | | | | 10 | No 11 | Ap 8 | 11 | 11 | | | | | 12,603 |
| 26 | Cars and general shop construction and repairs by electric-railroad companies. | 7 | 440 | | 10 | 13 | | 417 | De 482 | Ja 330 | 482 | 481 | 1 | | | | 684,168 |
| 27 | Cars and general shop construction and repairs by steam-railroad companies. | 28 | 4,635 | | 80 | 101 | 24 | 4,424 | Mh 4,584 | Je 4,118 | 4,625 | 4,585 | 40 | | | | 4,727,861 |
| 28 | Chemicals..... | 5 | 87 | 2 | 6 | 10 | 9 | 54 | Mh 62 | De 47 | 63 | 60 | 2 | 1 | | | 887,824 |
| 29 | Clothing, men's..... | 16 | 1,102 | 12 | 40 | 34 | 17 | 999 | De 1,035 | Ja 943 | 1,036 | 124 | 885 | 3 | 24 | | 2,100,214 |
| 30 | Clothing, women's..... | 12 | 318 | 13 | 18 | 14 | 7 | 266 | My 294 | No 246 | 291 | 10 | 276 | 1 | 4 | | 484,945 |
| 31 | Coffee and spice, roasting and grinding. | 29 | 1,017 | 11 | 73 | 514 | 148 | 271 | Au 292 | Ap 255 | 280 | 163 | 120 | 2 | 5 | | 6,104,012 |
| 32 | Confectionery and ice cream..... | 41 | 1,029 | 28 | 55 | 70 | 49 | 818 | | | 864 | 309 | 529 | 2 | 24 | | 2,051,099 |
| 33 | Confectionery..... | 20 | 803 | 13 | 30 | 71 | 26 | 668 | No 766 | Je 555 | 711 | 170 | 515 | 2 | 24 | | 2,174,295 |
| 34 | Ice cream..... | 21 | 221 | 15 | 25 | 8 | 23 | 150 | Jy 171 | De 131 | 153 | 139 | 14 | | | | 476,804 |
| 35 | Cooperage..... | 19 | 883 | 14 | 22 | 17 | 2 | 828 | Se 910 | De 670 | 894 | 864 | 30 | | | | 2,826,165 |
| 36 | Copper, tin, and sheet-iron work..... | 43 | 555 | 36 | 35 | 32 | 14 | 438 | De 511 | Ja 387 | 514 | 511 | 2 | | | | 979,142 |
| 37 | Druggists' preparations..... | 3 | 18 | 3 | 2 | | 1 | 12 | (*) 12 | (*) 12 | 12 | 7 | 3 | 1 | | | 22,656 |
| 38 | Electrical machinery, apparatus, and supplies. | 5 | 50 | 1 | 11 | 2 | 4 | 32 | Se 41 | No 25 | 40 | 22 | 18 | | | | 115,403 |
| 39 | Engraving, steel and copper plate, including plate printing. | 5 | 49 | 4 | 4 | 3 | 3 | 35 | (*) 35 | (*) 35 | 35 | 28 | 7 | | | | 30,831 |
| 40 | Fertilizers..... | 6 | 677 | | 27 | 51 | 15 | 584 | Mh 1,124 | Ja 299 | 749 | 657 | 92 | | | | 4,215,019 |
| 41 | Flavoring extracts..... | 4 | 45 | 3 | 5 | 15 | 1 | 21 | Ap 23 | Fe 18 | 20 | 4 | | | | | 132,029 |
| 42 | Flour-mill and gristmill products..... | 17 | 74 | 11 | 9 | 6 | | 48 | No 63 | Je 35 | 61 | 59 | 2 | | | | 597,764 |
| 43 | Food preparations, not elsewhere specified. | 42 | 2,498 | 39 | 91 | 530 | 78 | 1,760 | | | 1,972 | 1,423 | 533 | 11 | 6 | | 13,262,493 |
| 44 | Breadstuff preparations; lard compounds and other substitutes; and sweetening sirups, other than cane. | 11 | 1,846 | 4 | 59 | 448 | 66 | 1,269 | Ja 1,562 | Je 971 | 1,398 | 1,136 | 252 | 6 | 4 | | 11,150,494 |
| 45 | Macaroni, vermicelli, and noodles. | 17 | 190 | 19 | 10 | 24 | 4 | 133 | De 175 | Je 98 | 179 | 113 | 60 | 5 | 1 | | 615,139 |
| 46 | All other food preparations for human consumption. | 5 | 223 | 4 | 3 | 3 | 2 | 211 | De 242 | Au 60 | 242 | 22 | 220 | | | | 98,724 |
| 47 | Prepared feed for animal and fowl consumption. | 9 | 239 | 12 | 19 | 55 | 6 | 147 | Ap 173 | No 126 | 153 | 152 | 1 | | | | 1,398,136 |
| 48 | Foundry and machine-shop products. | 90 | 2,563 | 66 | 134 | 167 | 35 | 2,161 | | | 2,348 | 2,339 | 4 | 5 | | | 6,839,538 |
| 49 | Boiler shops..... | 7 | 177 | 5 | 10 | 7 | 2 | 153 | Au 172 | Ja 110 | 168 | 168 | | | | | 375,286 |
| 50 | Foundries..... | 5 | 76 | 5 | 3 | | | 68 | Au 80 | Ja 49 | 78 | 78 | | | | | 169,194 |
| 51 | Machine shops..... | 70 | 1,732 | 53 | 97 | 114 | 31 | 1,437 | Jy 1,628 | Mh 1,218 | 1,545 | 1,536 | 4 | 5 | | | 4,654,220 |
| 52 | Machine shop and foundry combined. | 8 | 578 | 3 | 24 | 46 | 2 | 503 | Se 648 | Fe 262 | 557 | 557 | | | | | 1,640,638 |
| 53 | Furniture..... | 17 | 670 | 9 | 43 | 39 | 15 | 564 | | | 602 | 499 | 93 | 10 | | | 1,491,875 |
| 54 | Wood furniture, other than rattan and willow. | 12 | 570 | 5 | 38 | 31 | 13 | 485 | De 520 | Ja 466 | 520 | 417 | 93 | 10 | | | 1,288,160 |
| 55 | Metal furniture, and store and office fixtures. | 5 | 100 | 4 | 7 | 8 | 2 | 79 | Au 83 | Je 75 | 82 | 82 | | | | | 203,715 |
| 56 | Hats, wool felt..... | 3 | 22 | 2 | | 1 | 1 | 18 | (*) 18 | (*) 18 | 18 | 7 | 10 | 1 | | | 13,150 |
| 57 | Ice, manufactured..... | 70 | 1,022 | 19 | 137 | 60 | 21 | 785 | Jy 1,003 | Fe 599 | 801 | 782 | 5 | 14 | | | 5,586,193 |
| 58 | Jewelry..... | 7 | 103 | 8 | 7 | 9 | 8 | 71 | De 73 | Se 70 | 73 | 72 | 1 | | | | 51,577 |
| 59 | Liquors, distilled, grain alcohol. | 6 | 365 | | 37 | 25 | 24 | 270 | De 514 | Je 158 | 511 | 510 | 1 | | | | 12,112,325 |
| 60 | Liquors, malt..... | 8 | 519 | | 35 | 57 | 1 | 426 | Se 503 | Fe 362 | 487 | 484 | 3 | | | | 6,580,394 |

1 Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

2 Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

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[illegible]

| Dollars. 12,808,549 | Dollars. 10,137,708 | Dollars. 94,405,732 | Dollars. 3,428,125 | Dollars. 1,007,451 | Dollars. 27,280,752 | Dollars. 421,147,141 | Dollars. 10,256,720 | Dollars. 370,180,770 | Dollars. 244,785,903 | 388,605 | 316,684 | 15,470 | 13,928 | 60 | 42,463 | 43,113 | 1 |
|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|---------|---------|--------|--------|----|--------|--------|----|
| | | 9,133 | | 480 | 169 | 6,810 | | 24,261 | 17,451 | | | | | | | | 2 |
| 22,540 | 10,565 | 184,114 | | 9,210 | 3,143 | 429,945 | 5,281 | 781,887 | 296,061 | 672 | 238 | | | | | | 3 |
| 53,393 | 32,876 | 467,578 | 2,240 | 41,423 | 12,243 | 623,975 | 24,181 | 1,518,320 | 900,181 | 834 | 30 | | 295 | | | | 4 |
| 17,066 | 9,151 | 49,760 | | 4,409 | 9,703 | 247,390 | 788 | 402,933 | 154,755 | 33 | | | | | | | 5 |
| 186,524 | 136,780 | 497,904 | 1,134 | 12,106 | 926,502 | 14,342,419 | 16,711 | 18,810,111 | 3,950,981 | 526 | | | 125 | | 400 | 104 | 6 |
| 20,221 | 10,950 | 134,068 | | | 53,580 | 178,377 | 284,816 | 1,002,490 | 539,297 | 240 | 40 | | 200 | | | | 7 |
| 5,910 | | 35,288 | 70 | 2,090 | 61 | 17,453 | 628 | 91,045 | 72,904 | 22 | | | | | | | 8 |
| 31,974 | 32,963 | 107,329 | | 4,102 | 8,375 | 729,861 | 8,922 | 1,196,027 | 403,254 | 107 | | | | | | | 9 |
| 11,039 | 1,005 | 36,283 | | 2,015 | 1,317 | 78,078 | 1,513 | 141,824 | 61,733 | 88 | | | | | | | 10 |
| 49,206 | 20,513 | 161,462 | | 7,838 | 9,979 | 418,781 | 0,236 | 794,858 | 374,866 | 146 | | | | | | | 11 |
| 210,472 | 45,181 | 792,798 | 1,001 | 7,167 | 115,200 | 2,379,853 | 11,399 | 4,173,296 | 1,782,044 | 3,660 | 3,275 | | 82 | | 303 | 25 | 12 |
| 11,371 | 4,359 | 50,940 | | 3,191 | 2,849 | 120,269 | 5,595 | 234,709 | 108,905 | 60 | | | | | | | 13 |
| 181,662 | 263,913 | 1,642,246 | 4,614 | 80,588 | 140,053 | 7,809,171 | 293,124 | 12,073,135 | 4,640,840 | 1,835 | 171 | | 177 | | 1,487 | 18 | 14 |
| 50,372 | 91,797 | 303,584 | | 13,800 | 88,003 | 1,340,059 | 27,376 | 2,480,690 | 1,118,055 | 248 | | | | | 218 | | 15 |
| 122,310 | 172,116 | 1,338,062 | 4,614 | 70,228 | 61,090 | 6,628,512 | 235,748 | 10,180,445 | 3,422,185 | 1,587 | 171 | | 177 | | 1,239 | 18 | 16 |
| 61,485 | 10,287 | 336,825 | | 0,830 | 20,530 | 39,245 | 167,475 | 740,610 | 533,890 | 1,881 | 1,411 | 100 | 83 | | 287 | 20 | 17 |
| 14,900 | 18,472 | 101,050 | | 1,350 | 3,758 | 259,684 | 1,040 | 468,662 | 207,032 | 96 | | | 8 | | 88 | | 18 |
| 43,501 | 8,486 | 137,749 | 200 | 2,040 | 13,145 | 433,810 | 17,491 | 795,223 | 343,892 | 441 | 301 | | 140 | | 80 | | 19 |
| 27,258 | 12,288 | 91,220 | | 928 | 4,202 | 549,010 | 7,529 | 818,309 | 261,770 | 196 | 143 | | 33 | | 20 | | 20 |
| 4,250 | 261 | 22,631 | | 120 | 1,718 | 67,064 | 5,891 | 110,742 | 37,787 | 40 | 40 | | | | | | 21 |
| 14,547 | 3,396 | 12,020 | | 300 | 12,020 | 41,006 | 416 | 70,124 | 34,702 | 68 | 60 | | | | 8 | | 22 |
| | 3,143 | 134,277 | | 4,226 | 3,948 | 170,378 | 8,180 | 414,407 | 235,840 | 282 | 35 | | 16 | | 231 | 8 | 23 |
| 14,547 | 3,143 | 124,498 | | 3,284 | 3,709 | 162,000 | 7,458 | 386,566 | 217,108 | 259 | 35 | | 8 | | 216 | 8 | 24 |
| 12,793 | 13,708 | 668,212 | 11,249 | 942 | 239 | 8,378 | 722 | 27,841 | 18,741 | 23 | | | 8 | | 15 | | 25 |
| | | | | | 14,275 | 445,850 | 2,121 | 1,006,120 | 620,158 | 396 | | | | | | | |

¹ Same number reported for one or more other months.

^b Same number reported throughout the year.

MANUFACTURES—LOUISIANA.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establishments. | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | Capital. | |
|--------------------|---------------------------|----------------------------------|-------------------------------|---|--------------|---------|-----------------|----------------------|--------|--|---------|-----------|---------|----------|----------------|
| | | Total. | Proprietors and firm members. | Salaried officers, superintendents, and managers. | Clerks, etc. | | Wage earners. | | Total. | 16 and over. | | Under 16. | | | |
| | | | | | Male. | Female. | Average number. | Number, 15th day of— | | Male. | Female. | Male. | Female. | | |
| | | | | | | | | Maximum month. | | | | | | | Minimum month. |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| | | | | | | | | | | | | | | | | | | Dollars. |
|----|---|-----|--------|-------|-------|-------|-------|--------|-----------------|--------|-----------------|--------|--------|--------|-------|-------|-------|-------------|
| 1 | Lumber and timber products..... | 511 | 45,107 | 396 | 1,058 | 1,109 | 350 | 42,194 | Au | 46,041 | Ja | 37,502 | 47,606 | 47,487 | 91 | 28 | ..... | 130,493,617 |
| 2 | Lumber, planing-mill products, not including planing mills connected with sawmills. | 51 | 1,279 | 24 | 87 | 86 | 32 | 1,050 | Oc | 1,168 | Ja | 911 | 1,139 | 1,131 | 1 | 7 | ..... | 4,362,736 |
| 3 | Marble and stone work, monuments and tombstones. | 15 | 146 | 15 | 9 | 13 | ..... | 109 | Au | 125 | Ja | 80 | 110 | 110 | ..... | ..... | ..... | 551,925 |
| 4 | Mattresses and spring beds, not elsewhere specified. | 13 | 348 | 5 | 18 | 26 | 6 | 203 | Se | 301 | Ja | 285 | 298 | 234 | 00 | 4 | ..... | 937,534 |
| 5 | Mineral and soda waters..... | 79 | 630 | 67 | 55 | 56 | 18 | 440 | Jy | 587 | Ja | 300 | 470 | 406 | 52 | 12 | ..... | 1,519,817 |
| 6 | Oil and cake, cottonseed..... | 28 | 1,937 | 4 | 114 | 183 | 31 | 1,605 | De | 2,083 | Au | 1,121 | 2,121 | 2,060 | 61 | ..... | ..... | 13,997,927 |
| 7 | Patent medicines and compounds..... | 17 | 176 | 10 | 28 | 18 | 9 | 111 | De | 132 | My | 100 | 132 | 41 | 66 | 16 | 9 | 418,718 |
| 8 | Perfumery and cosmetics..... | 5 | 77 | 3 | 10 | 10 | 6 | 48 | De ^a | 51 | Oc ^a | 45 | 51 | 13 | 35 | 1 | 2 | 210,117 |
| 9 | Petroleum, refining..... | 10 | 3,143 | 37 | 231 | 34 | 34 | 2,841 | De | 3,356 | Ja | 2,062 | 3,356 | 3,342 | 14 | ..... | ..... | 49,551,989 |
| 10 | Photo-engraving..... | 4 | 34 | 4 | 2 | 4 | ..... | 24 | No | 26 | Au ^a | 23 | 25 | 25 | ..... | ..... | ..... | 45,837 |
| 11 | Pickles, preserves, and sauces..... | 8 | 112 | 7 | 13 | 12 | 1 | 79 | Au | 93 | De | 52 | 86 | 33 | 44 | 5 | 4 | 205,218 |
| 12 | Printing and publishing, book and job. | 109 | 1,129 | 91 | 112 | 83 | 48 | 795 | ..... | ..... | ..... | ..... | 853 | 668 | 103 | 22 | ..... | 2,194,791 |
| 13 | Job printing..... | 104 | 1,092 | 87 | 107 | 82 | 48 | 768 | De | 818 | Ja | 735 | 818 | 643 | 153 | 22 | ..... | 2,148,247 |
| 14 | Book publishing without printing, linotype work, and typesetting. | 5 | 37 | 4 | 5 | 1 | ..... | 27 | Oc | 42 | Mh ^a | 20 | 35 | 25 | 10 | ..... | ..... | 46,544 |
| 15 | Printing and publishing, newspapers and periodicals. | 149 | 1,532 | 144 | 106 | 436 | 135 | 711 | ..... | ..... | ..... | ..... | 759 | 585 | 82 | 90 | 2 | 3,321,746 |
| 16 | Printing and publishing..... | 14 | 891 | 7 | 37 | 389 | 101 | 357 | De | 374 | Ja | 324 | 374 | 319 | 15 | 39 | 1 | 2,287,017 |
| 17 | Printing, publishing, and job printing. | 101 | 525 | 120 | 32 | 11 | 14 | 348 | De | 380 | Fe | 323 | 379 | 262 | 67 | 49 | 1 | 876,651 |
| 18 | Publishing without printing..... | 34 | 116 | 17 | 37 | 36 | 20 | 6 | (*) | 6 | (*) | 6 | 6 | 4 | ..... | 2 | ..... | 158,078 |
| 19 | Rice, cleaning and polishing..... | 46 | 1,889 | 23 | 467 | 263 | 15 | 1,121 | Oc | 1,881 | Jy | 393 | 1,787 | 1,783 | 2 | 2 | ..... | 10,485,157 |
| 20 | Roofing materials..... | 3 | 71 | 1 | 7 | 4 | 3 | 56 | Ja | 66 | De ^a | 37 | 63 | 63 | ..... | ..... | ..... | 264,067 |
| 21 | Saddlery and harness..... | 8 | 179 | 10 | 6 | 24 | 3 | 136 | Au | 145 | De | 130 | 133 | 129 | 4 | ..... | ..... | 775,704 |
| 22 | Sausage, not made in slaughtering and meat-packing establishments. | 8 | 40 | 10 | 2 | 2 | ..... | 26 | (*) | 26 | (*) | 26 | 27 | 23 | 4 | ..... | ..... | 89,737 |
| 23 | Shipbuilding, steel..... | 6 | 3,700 | ..... | 66 | 255 | 50 | 3,329 | No | 4,925 | Ja | 1,674 | 4,578 | 4,575 | ..... | 3 | ..... | 19,284,057 |
| 24 | Shipbuilding, wooden, including boat building. | 16 | 2,103 | 13 | 33 | 29 | 11 | 2,017 | Ja | 3,412 | De | 1,428 | 1,430 | 1,428 | ..... | 2 | ..... | 3,028,129 |
| 25 | Shirts..... | 5 | 46 | 7 | 2 | 6 | 1 | 30 | Je ^a | 33 | Ja ^a | 27 | 80 | 4 | 26 | ..... | ..... | 25,937 |
| 26 | Slaughtering and meat packing. | 3 | 276 | ..... | 13 | 12 | 3 | 248 | Ja | 299 | Ap | 228 | 258 | 256 | 2 | ..... | ..... | 1,034,864 |
| 27 | Soap..... | 6 | 36 | 3 | 3 | 5 | 1 | 24 | Se | 33 | My ^a | 14 | 29 | 19 | 10 | ..... | ..... | 111,268 |
| 28 | Structural ironwork, not made in steel works or rolling mills. | 10 | 113 | 7 | 7 | 3 | 2 | 94 | Au | 121 | Ja | 76 | 96 | 96 | ..... | ..... | ..... | 236,304 |
| 29 | Sugar, including refining..... | 192 | 8,848 | 151 | 531 | 410 | 58 | 7,698 | No | 21,248 | Ap | 2,978 | 22,404 | 19,667 | 2,559 | 166 | 12 | 77,296,331 |
| 30 | Tobacco, cigars and cigarettes..... | 46 | 2,391 | 40 | 61 | 96 | 23 | 2,171 | No | 2,298 | Jy | 2,056 | 2,251 | 435 | 1,558 | 8 | 250 | 4,511,055 |
| 31 | Turpentine and rosin..... | 33 | 2,771 | 4 | 124 | 38 | 1 | 2,604 | De | 2,835 | Ja | 2,234 | 2,815 | 2,798 | 17 | ..... | ..... | 6,271,338 |
| 32 | Upholstering materials, not elsewhere specified. | 18 | 238 | 19 | 13 | 14 | ..... | 192 | Se | 216 | Ja | 156 | 260 | 102 | 148 | 5 | 5 | 424,084 |
| 33 | Window and door screens..... | 6 | 32 | 8 | 1 | ..... | 1 | 22 | De | 28 | Ja ^a | 15 | 28 | 28 | ..... | ..... | ..... | 24,481 |
| 34 | Wood distillation..... | 4 | 91 | ..... | 10 | 1 | 2 | 78 | De ^a | 79 | My ^a | 77 | 79 | 70 | ..... | ..... | ..... | 247,800 |
| 35 | Wood preserving..... | 6 | 334 | ..... | 20 | 16 | 6 | 292 | Au | 311 | Oc | 263 | 307 | 307 | ..... | ..... | ..... | 2,228,576 |
| 36 | Wood, turned and carved..... | 6 | 107 | 12 | 5 | 3 | 3 | 84 | Ap | 106 | De | 69 | 109 | 107 | ..... | 2 | ..... | 184,366 |
| 37 | All other industries*..... | 116 | 6,326 | 68 | 298 | 316 | 189 | 5,455 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 34,718,702 |

* All other industries embrace—

| | | | | | | | |
|--|---|--|---|---|---|---|---|
| Agricultural implements..... | 3 | Butter..... | 2 | Engines, steam, gas, and water..... | 1 | Grease and tallow, not including lubricating greases..... | 1 |
| Airplanes, seaplanes, and airships, and parts..... | 1 | Buttons..... | 1 | Engraving and diecasting..... | 1 | Haircloth..... | 1 |
| Artificial limbs..... | 1 | Cleaning and polishing preparations..... | 1 | Fancy articles, celluloid novelties..... | 1 | Hand stamps..... | 1 |
| Automobiles..... | 2 | Coffins, burial cases, and undertakers' goods..... | 2 | Furnishing goods, men's, neckwear..... | 1 | Hats and caps, other than felt, straw, and wool..... | 1 |
| Bags, paper, exclusive of those made in paper mills..... | 1 | Cordials and flavoring sirups..... | 1 | Gas and electric fixtures..... | 1 | Horse-furnishing goods, not elsewhere specified..... | 2 |
| Baskets, and rattan and willow ware..... | 1 | Cork, cutting..... | 1 | Glass, illuminating and heating..... | 4 | Iron and steel, welding..... | 1 |
| Bolting, leather..... | 3 | Cotton goods..... | 3 | Glass..... | 2 | Knit goods..... | 3 |
| Bluing..... | 1 | Crucibles, clay..... | 1 | Glass, cutting, staining, and ornamenting..... | 1 | Leather goods, not elsewhere specified..... | 1 |
| Brushes..... | 1 | Dental goods..... | 2 | ..... | 1 | Leather, tanned, curried, and finished..... | 1 |
| | | Dyestuffs and extracts—natural..... | 2 | Gold and silver, reducing and refining, not from the ore..... | 2 | | |
| | | Electroplating..... | 2 | | | | |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

| | | | | | | | | | | | | | | | | | | |
|----|---|-----|--------|-------|-------|-------|-------|--------|-----------------|--------|-----------------|--------|--------|--------|-------|-------|-------|-------------|
| 1 | NEW ORLEANS—All industries.. | 873 | 32,615 | 663 | 1,463 | 2,931 | 917 | 26,641 | De | 29,365 | Ja | 24,131 | 20,966 | 20,945 | 3,066 | 267 | 688 | 125,161,785 |
| 2 | Automobile bodies and parts..... | 7 | 146 | 0 | 6 | 9 | 3 | 122 | No | 134 | Fe | 107 | 128 | 128 | ..... | ..... | ..... | 266,522 |
| 3 | Automobile repairing..... | 20 | 110 | 23 | 5 | 4 | 5 | 73 | Je | 78 | Mh | 65 | 71 | 71 | ..... | ..... | ..... | 120,507 |
| 4 | Bags, other than paper, not including bags made in textile mills. | 5 | 743 | ..... | 20 | 53 | 36 | 634 | Oc | 702 | Ap ^a | 581 | 676 | 239 | 409 | 10 | 18 | 4,970,056 |
| 5 | Bookbinding and blank-book making | 7 | 54 | 8 | 6 | ..... | ..... | 40 | My | 44 | Fe ^s | 29 | 43 | 27 | 16 | ..... | ..... | 50,153 |
| 6 | Boxes, cigar..... | 3 | 79 | ..... | 6 | 1 | 1 | 71 | Jy | 86 | Ja | 61 | 66 | 25 | 34 | 4 | 3 | 118,288 |
| 7 | Boxes, paper, not elsewhere specified. | 6 | 363 | 5 | 20 | 8 | 6 | 324 | De | 367 | Ja | 244 | 367 | 126 | 191 | 20 | 30 | 392,660 |
| 8 | Boxes, wooden packing, except cigar boxes. | 10 | 727 | 7 | 31 | 28 | 9 | 552 | De | 835 | Oc | 221 | 880 | 788 | 77 | 15 | ..... | 1,535,205 |
| 9 | Bread and other bakery products..... | 114 | 1,896 | 111 | 62 | 133 | 58 | 1,532 | De | 1,658 | Je | 1,451 | 1,661 | 963 | 638 | 8 | 52 | 2,784,254 |
| 10 | Brooms, from broom corn..... | 6 | 139 | 6 | 6 | 8 | 2 | 117 | De | 130 | Jy | 106 | 130 | 102 | 22 | 3 | 3 | 259,279 |
| 11 | Carriage and wagon materials..... | 3 | 32 | 6 | ..... | 4 | ..... | 22 | Oc ^a | 24 | Se ^s | 18 | 22 | 22 | ..... | ..... | ..... | 41,048 |

1 Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

2 Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—LOUISIANA.

23

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

| EXPENSES. | | | | | | | | Value of products. | Value added by manufacture. | POWER. | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|---|----------------------|-------------------------|--------------------|-----------------------------|-------------------------------|-----------------|------------------------------|---------------------------|--------------------|--|
| Salaries and wages. | | | For contract work. | Rent and taxes. | | For materials. | | | | Primary horsepower. | | | | | Electric horsepower generated in establishments reporting. |
| Officials. | Clerks, etc. | Wage earners. | | Rent of factory. | Taxes, Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | | | Total. | Owned. | | | | |
| | | | | | | | | | | Steam engines (not turbines), | Steam turbines. | Internal-combustion engines. | Water power. ¹ | Rent. ² | |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| Dollars. 3,300,248 235,270 | Dollars. 1,963,383 102,613 | Dollars. 42,768,082 963,171 | Dollars. 2,042,419 14,485 | Dollars. 40,482 12,800 | Dollars. 7,159,788 66,644 | Dollars. 36,348,505 3,373,441 | Dollars. 754,406 27,562 | Dollars. 120,716,435 5,670,041 | Dollars. 83,013,524 2,169,048 | 153,445 4,006 | 142,113 2,821 | 9,390 40 | 1,337 122 | 605 1,023 | 15,852 | 1 2 |
|----------------------------------|----------------------------------|-----------------------------------|---------------------------------|------------------------------|---------------------------------|-------------------------------------|-------------------------------|--------------------------------------|-------------------------------------|------------------|------------------|-------------|--------------|--------------|--------|--------|
| 35,392 | 12,308 | 188,141 | 641 | 1,506 | 6,687 | 225,842 | 10,482 | 603,460 | 367,136 | 301 | 150 | 39 | | 112 | 137 | 3 |
| 106,420 | 49,713 | 187,333 | 287 | 0,148 | 40,191 | 866,825 | 9,473 | 1,619,085 | 742,787 | 433 | | | | 433 | | 4 |
| 116,241 | 93,899 | 254,687 | | 10,295 | 187,335 | 1,363,587 | 39,664 | 2,777,045 | 1,373,804 | 905 | 406 | 183 | 2 | 404 | 66 | 5 |
| 379,384 | 335,750 | 1,240,532 | 4,080 | 83,000 | 416,000 | 49,593,293 | 571,151 | 57,161,578 | 6,997,134 | 13,028 | 9,171 | 400 | 936 | 2,521 | 697 | 6 |
| 99,306 | 30,410 | 50,870 | | 7,014 | 64,122 | 314,076 | 1,151 | 786,408 | 471,181 | 24 | | | | 24 | | 7 |
| 10,055 | 9,045 | 23,066 | | 3,300 | 3,013 | 93,514 | 296 | 176,819 | 82,500 | 15 | | | | 15 | | 8 |
| 249,884 | 543,493 | 4,388,047 | 122,020 | 3,996 | 6,108,906 | 48,638,652 | 964,731 | 75,023,723 | 25,420,343 | 7,138 | 1,651 | 1,600 | 3,820 | 67 | 5,702 | 9 |
| 8,740 | 5,490 | 20,393 | 2,880 | 2,880 | 1,936 | 13,072 | 2,207 | 94,541 | 79,262 | 47 | | | | 47 | | 10 |
| 16,751 | 11,514 | 45,543 | | 1,550 | 3,944 | 265,261 | 2,059 | 422,111 | 151,791 | 73 | 30 | | | 43 | | 11 |
| 286,813 | 128,951 | 721,079 | 83,001 | 67,400 | 45,468 | 1,037,486 | 33,917 | 2,940,703 | 1,809,300 | 772 | | | 2 | 770 | | 12 |
| 281,713 | 127,617 | 698,250 | 77,856 | 65,486 | 45,224 | 1,091,231 | 32,092 | 2,879,689 | 1,756,366 | 768 | | | 2 | 766 | | 13 |
| 5,100 | 1,334 | 22,820 | 5,145 | 1,014 | 244 | 6,255 | 1,825 | 61,014 | 52,934 | 4 | | | | 4 | | 14 |
| 331,990 | 636,007 | 620,250 | 149,680 | 47,741 | 132,894 | 1,856,850 | 37,450 | 4,970,417 | 3,085,108 | 1,252 | | | 120 | 1,132 | 1 | 16 |
| 195,449 | 593,820 | 302,057 | 26,343 | 25,236 | 119,472 | 1,538,700 | 22,058 | 3,630,083 | 2,078,316 | 873 | | | 15 | 858 | 1 | 16 |
| 59,730 | 85,614 | 257,101 | 1,816 | 15,768 | 8,711 | 280,844 | 15,377 | 980,002 | 683,781 | 378 | | | 105 | 273 | | 17 |
| 76,811 | 41,573 | 1,092 | 121,530 | 6,737 | 4,711 | 37,306 | 15 | 360,332 | 323,011 | 1 | | | | 1 | | 18 |
| 390,193 | 347,787 | 803,408 | 4,235 | 285,196 | 35,806,591 | 120,819 | 41,220,419 | 5,203,061 | 5,203,061 | 12,562 | 9,778 | 60 | 277 | 2,447 | 261 | 19 |
| 12,123 | 7,738 | 24,309 | 3,919 | 5,642 | 192,287 | 5,023 | 215,370 | 78,060 | 78,060 | 70 | 70 | | | 70 | | 20 |
| 32,050 | 45,924 | 130,468 | 76 | 6,034 | 13,422 | 612,460 | 2,750 | 948,575 | 333,365 | 70 | | | | 70 | | 21 |
| 3,800 | 2,100 | 27,811 | 1,380 | 1,188 | 226,138 | 5,664 | 324,638 | 92,836 | 92,836 | 349 | | | | 349 | | 22 |
| 320,080 | 392,113 | 5,013,577 | 9,717 | 15,473 | 124,757 | 4,972,055 | 117,723 | 12,432,094 | 7,312,316 | 5,717 | 2,950 | 30 | 165 | 2,572 | 60 | 23 |
| 107,933 | 120,119 | 2,173,408 | 68 | 11,248 | 102,065 | 1,784,495 | 121,525 | 5,165,774 | 3,259,754 | 2,841 | 1,221 | | 157 | 1,463 | 60 | 24 |
| 2,080 | 5,295 | 18,145 | 475 | 2,972 | 187 | 49,488 | 581 | 80,251 | 39,182 | 14 | | | | 14 | | 25 |
| 25,739 | 16,636 | 223,095 | | 300 | 20,675 | 375,068 | 60,916 | 840,326 | 403,442 | 1,301 | 1,070 | 190 | 16 | 115 | | 26 |
| 8,157 | 5,348 | 10,499 | | 1,586 | 634 | 39,211 | 442 | 70,322 | 30,669 | 100 | 100 | | | 100 | | 27 |
| 14,585 | 4,812 | 113,111 | | 1,020 | 5,287 | 188,498 | 5,631 | 368,072 | 173,943 | 390 | | | | 344 | | 28 |
| 1,428,255 | 755,993 | 5,751,628 | 27,306 | 74,498 | 1,844,017 | 118,349,134 | 2,890,883 | 141,842,024 | 20,602,907 | 108,619 | 103,818 | 1,680 | 3,011 | 8 | 7,425 | 29 |
| 187,876 | 153,532 | 1,051,988 | 32,710 | 16,535 | 2,472,016 | 3,408,063 | 12,228 | 8,221,413 | 4,801,122 | 339 | 125 | | | 214 | | 30 |
| 442,591 | 51,537 | 1,027,937 | 20,176 | 600 | 128,016 | 1,364,167 | 16,521 | 5,501,280 | 4,210,601 | 131 | 10 | | 101 | 20 | | 31 |
| 23,780 | 19,475 | 51,094 | 250 | 2,514 | 21,572 | 665,985 | 13,069 | 949,473 | 269,819 | 972 | 645 | | 75 | 252 | | 32 |
| 2,400 | 420 | 10,582 | | 1,284 | 85 | 27,556 | 559 | 61,275 | 33,160 | 36 | | | | 36 | | 33 |
| 20,715 | 2,500 | 82,404 | | 915 | 41,042 | 314,633 | 21,452 | 620,022 | 292,937 | 82 | 80 | | 2 | | 60 | 34 |
| 84,708 | 30,116 | 234,497 | | 313 | 177,448 | 1,584,204 | 96,174 | 2,740,393 | 1,050,925 | 1,260 | 1,256 | | | 4 | 136 | 35 |
| 7,900 | 5,640 | 69,787 | | 567 | 1,146 | 138,853 | 2,935 | 287,526 | 145,738 | 300 | | | 2 | 118 | | 36 |
| 798,213 | 618,757 | 4,023,952 | 20,264 | 170,453 | 1,343,233 | 18,277,424 | 1,533,631 | 31,722,521 | 11,911,466 | 20,978 | 10,667 | 1,800 | 384 | 8,127 | 5,050 | 37 |

| | | | | | | | |
|--|---|---|---|--|---|---|---|
| Lithographing..... | 1 | Paving materials..... | 1 | Salt..... | 2 | Sulphuric, nitric, and mixed acids.... | 1 |
| Millinery and lace goods, trimmed hats, hat frames, etc..... | 2 | Plumbers' supplies, not elsewhere specified..... | 1 | Sand-lime brick..... | 1 | Surgical appliances..... | 1 |
| Minerals and earths, ground..... | 1 | Pottery..... | 1 | Show cases..... | 1 | Suspenders, garters, and elastic woven goods..... | 1 |
| Mirrors, framed and unframed, not elsewhere specified..... | 1 | Printing and publishing, music..... | 1 | Signs and advertising novelties..... | 2 | Tinware, not elsewhere specified..... | 3 |
| Models and patterns, not including paper patterns..... | 3 | Printing materials..... | 1 | Stamped ware..... | 1 | Tobacco, smoking..... | 1 |
| Musical instruments, piano materials.. | 1 | Refrigerators..... | 1 | Stationery goods, not elsewhere specified..... | 1 | Trunks and valises..... | 2 |
| Oil, vegetable and mineral..... | 4 | Rogalia, and society badges and emblems..... | 1 | Statuary and art goods..... | 1 | Typewriters and parts..... | 1 |
| Paints..... | 2 | Rubber tires, tubes, and rubber goods, not elsewhere specified..... | 1 | Steam and hot-water radiators and cast-iron heating boilers..... | 1 | Umbrellas and canes..... | 3 |
| Paper and wood pulp..... | 3 | | | Rubber packing..... | 1 | Varnishes..... | 1 |
| | | | | Stencils and brands..... | 2 | Vinegar..... | 1 |
| | | | | | | Wirework, not elsewhere specified..... | 2 |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

| | | | | | | | | | | | | | | | | | |
|-----------|-----------|------------|---------|---------|-----------|-------------|-----------|-------------|------------|--------|--------|-------|-------|-----|-----|-------|----|
| 4,712,303 | 5,267,026 | 24,613,826 | 430,718 | 572,041 | 9,072,763 | 110,303,821 | 3,004,678 | 182,788,581 | 69,490,062 | 52,507 | 22,227 | 2,790 | 846 | 26 | 644 | 4,340 | 1 |
| 18,940 | 13,496 | 142,705 | 6,240 | 2,393 | 295,154 | 4,970 | 535,151 | 235,027 | 431 | 48 | 25 | 408 | 48 | 400 | 104 | 4 | 2 |
| 6,335 | 8,712 | 77,165 | 10,054 | 1,706 | 109,548 | 2,109 | 289,857 | 158,200 | 525 | 125 | 125 | 125 | 125 | 125 | 125 | 125 | 3 |
| 186,524 | 130,780 | 497,904 | 1,134 | 12,166 | 926,502 | 14,342,419 | 16,711 | 18,310,111 | 3,950,981 | 525 | 125 | 125 | 125 | 125 | 125 | 125 | 4 |
| 5,910 | 1,005 | 35,288 | 76 | 2,090 | 61 | 17,453 | 628 | 91,045 | 72,964 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 5 |
| 11,039 | 20,513 | 161,452 | 7,838 | 9,979 | 413,781 | 6,236 | 141,324 | 61,733 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 6 |
| 49,206 | 33,941 | 444,363 | 7,155 | 85,506 | 1,661,415 | 8,546 | 794,883 | 374,860 | 1,900 | 1,700 | 20 | 1,113 | 66 | 66 | 66 | 66 | 7 |
| 138,689 | 249,393 | 1,198,882 | 2,313 | 53,848 | 127,640 | 5,635,475 | 177,278 | 9,209,038 | 3,396,285 | 1,278 | 145 | 20 | 1,113 | 66 | 66 | 66 | 8 |
| 144,725 | 18,472 | 93,856 | 300 | 3,633 | 239,914 | 1,463 | 430,090 | 188,713 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 9 |
| 13,100 | 8,396 | 12,020 | 300 | 391 | 41,006 | 416 | 76,124 | 34,702 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 10 |

¹ Same number reported for one or more other months.

² Same number reported throughout the year.

MANUFACTURES—LOUISIANA.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | Capital. | | |
|--------------------|--------------------------|----------------------------------|-------------------------------|---|--------------|---------|-----------------|----------------------|----------------|-------|--------|--|-------|-----------|--|----------|--|--|
| | | Total. | Proprietors and firm members. | Salaried officers, superintendents, and managers. | Clerks, etc. | | Wage earners. | | | | Total. | 16 and over. | | Under 16. | | | | |
| | | | | | Male. | Female. | Average number. | Number, 15th day of— | | Male. | | Female. | Male. | Female. | | | | |
| | | | | | | | | Maximum month. | Minimum month. | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| | | | | | | | | | | | | | | | | Dollars. |
|----|---|-----|--------|-------|-----|-------|-------|--------|------------------|-------|------------------|-------|--------|-------|-------|------------|
| 1 | Carriages and wagons, including repairs. | 7 | 80 | 7 | 4 | 1 | 1 | 67 | De ^a | 72 | Ja | 62 | 73 | 73 | ----- | 168,182 |
| 2 | Cars and general shop construction and repairs by steam-railroad companies. | 5 | 2,048 | ----- | 29 | 51 | 6 | 1,962 | De | 2,067 | Je | 1,849 | 2,067 | 2,031 | 36 | 1,690,735 |
| 3 | Clothing, men's. | 16 | 1,102 | 12 | 40 | 34 | 17 | 999 | De | 1,036 | Ja | 943 | 1,036 | 124 | 885 | 2,160,214 |
| 4 | Clothing, women's. | 12 | 318 | 13 | 18 | 14 | 7 | 266 | My | 294 | No | 246 | 201 | 10 | 276 | 484,945 |
| 5 | Coffee and spice, roasting and grinding. | 22 | 980 | 9 | 67 | 506 | 144 | 254 | Jy | 272 | Ap | 240 | 259 | 136 | 118 | 6,055,269 |
| 6 | Confectionery and ice cream. | 24 | 885 | 14 | 35 | 74 | 41 | 721 | ----- | ----- | ----- | ----- | 777 | 243 | 508 | 1,664,752 |
| 7 | Confectionery. | 16 | 762 | 9 | 26 | 67 | 23 | 637 | No | 735 | Je | 521 | 692 | 160 | 506 | 1,375,139 |
| 8 | Ice cream. | 8 | 123 | 5 | 9 | 7 | 18 | 84 | Oc ^a | 86 | De ^a | 81 | 85 | 88 | 2 | 289,613 |
| 9 | Cooperage, hogsheads and barrels. | 12 | 213 | 10 | 14 | 9 | ----- | 180 | De | 230 | Je | 132 | 230 | 230 | ----- | 581,789 |
| 10 | Copper, tin, and sheet-iron work. | 18 | 392 | 11 | 23 | 24 | 9 | 325 | De | 385 | Fe | 277 | 385 | 383 | 1 | 724,297 |
| 11 | Flavoring extracts. | 4 | 45 | 3 | 5 | 15 | 1 | 21 | Ap | 23 | Fe | 18 | 20 | 4 | 16 | 132,029 |
| 12 | Food preparations, not elsewhere specified. | 33 | 1,066 | 32 | 51 | 219 | 25 | 739 | ----- | ----- | ----- | ----- | 915 | 530 | 370 | 5,018,820 |
| 13 | Breadstuffs, macaroni, vermicelli, noodles, and sweetening sirups. | 23 | 673 | 22 | 37 | 167 | 17 | 430 | De | 556 | Je | 325 | 563 | 399 | 149 | 3,820,946 |
| 14 | All other food preparations for human consumption. | 5 | 223 | 4 | 3 | 3 | 2 | 211 | De ^a | 242 | Au | 60 | 242 | 22 | 220 | 98,724 |
| 15 | Prepared feed for animal and fowl consumption. | 5 | 170 | 6 | 11 | 49 | 6 | 98 | Ap | 123 | No ^a | 85 | 110 | 109 | 1 | 1,099,150 |
| 16 | Foundry and machine-shop products. | 38 | 1,462 | 27 | 75 | 105 | 22 | 1,233 | Au | 1,431 | Fe | 946 | 1,347 | 1,344 | 3 | 3,587,244 |
| 17 | Furniture. | 17 | 670 | 9 | 43 | 39 | 15 | 564 | ----- | ----- | ----- | ----- | 602 | 499 | 93 | 1,481,875 |
| 18 | Wood furniture, other than ratan and willow. | 12 | 570 | 5 | 36 | 31 | 13 | 485 | De | 520 | Ja | 496 | 520 | 417 | 93 | 1,285,160 |
| 19 | Metal furniture, and store and office fixtures. | 5 | 100 | 4 | 7 | 8 | 2 | 79 | Au | 83 | Jy ^a | 75 | 82 | 82 | ----- | 203,715 |
| 20 | Ice, manufactured. | 20 | 397 | 3 | 52 | 28 | 1 | 313 | Jy | 395 | De | 242 | 297 | 287 | 10 | 2,247,920 |
| 21 | Jewelry. | 7 | 103 | 8 | 7 | 9 | 8 | 71 | De | 73 | Se ^a | 70 | 73 | 72 | 1 | 51,577 |
| 22 | Liquors, malt. | 8 | 519 | ----- | 35 | 57 | 1 | 426 | Se | 503 | Fe | 362 | 487 | 484 | 3 | 6,580,304 |
| 23 | Lumber, planing-mill products, not including planing mills connected with sawmills. | 28 | 716 | 10 | 48 | 64 | 17 | 577 | Oc | 674 | Mh | 473 | 633 | 630 | 1 | 2,666,215 |
| 24 | Marble and stone work, monuments and tombstones. | 9 | 123 | 10 | 8 | 11 | ----- | 94 | Se | 109 | Ja | 70 | 97 | 97 | ----- | 501,123 |
| 25 | Mattresses and spring beds, not elsewhere specified. | 8 | 288 | 4 | 12 | 22 | 6 | 244 | Se | 250 | Je | 239 | 248 | 198 | 46 | 771,355 |
| 26 | Mineral and soda waters. | 14 | 171 | 10 | 17 | 40 | 9 | 95 | Jy | 131 | Fe ^a | 60 | 98 | 78 | 20 | 537,110 |
| 27 | Patent medicines and compounds. | 14 | 159 | 7 | 24 | 14 | 7 | 107 | De | 127 | Au ^a | 97 | 127 | 38 | 64 | 369,872 |
| 28 | Printing and publishing, book and job. | 82 | 911 | 66 | 101 | 61 | 33 | 650 | De | 680 | Mh | 626 | 690 | 561 | 120 | 1,849,196 |
| 29 | Printing and publishing, newspapers and periodicals. | 36 | 841 | 19 | 65 | 397 | 108 | 252 | ----- | ----- | ----- | ----- | 256 | 240 | 12 | 2,144,963 |
| 30 | Printing and publishing. | 6 | 705 | 2 | 31 | 359 | 90 | 223 | Au ^a | 230 | Ja | 208 | 227 | 216 | 9 | 1,947,122 |
| 31 | Printing, publishing, and job printing. | 4 | 35 | 2 | 4 | 2 | 2 | 25 | De ^a | 25 | No ^a | 24 | 25 | 21 | 3 | 50,459 |
| 32 | Publishing without printing. | 26 | 101 | 15 | 30 | 36 | 16 | 4 | (^a) | 4 | (^a) | 4 | 4 | 3 | ----- | 147,382 |
| 33 | Rice, cleaning and polishing. | 9 | 490 | 6 | 34 | 82 | 3 | 365 | Oc | 503 | Jy | 142 | 611 | 609 | 2 | 2,704,237 |
| 34 | Roofing materials. | 3 | 71 | 1 | 7 | 4 | 3 | 56 | Ja | 66 | De ^a | 37 | 63 | 63 | ----- | 264,057 |
| 35 | Shirts. | 5 | 46 | 7 | 2 | 6 | 1 | 30 | Je ^a | 33 | Ja ^a | 27 | 30 | 4 | 26 | 25,937 |
| 36 | Tobacco, cigars and cigarettes. | 43 | 2,373 | 37 | 59 | 95 | 23 | 2,159 | No | 2,282 | Jy | 2,049 | 2,214 | 431 | 1,526 | 4,496,258 |
| 37 | Window and door screens. | 6 | 32 | 8 | 1 | ----- | 1 | 22 | De | 28 | Fe ^a | 15 | 28 | 28 | ----- | 24,481 |
| 38 | All other industries*. | 192 | 11,825 | 148 | 425 | 702 | 288 | 10,262 | ----- | ----- | ----- | ----- | 11,968 | 9,037 | 2,552 | 65,778,967 |

*All other industries embrace—
 Airplanes, seaplanes, and airships, and parts.
 Artificial limbs.
 Artificial stone products.
 Automobiles.
 Awnings, tents, and sails.
 Bags, paper, exclusive of those made in paper mills.
 Baskets, and rattan and willow ware.
 Belting, leather.
 Bluing.
 Boots and shoes.
 Brass, bronze, and copper products.
 Brushes.
 Buttons.

Canning and preserving, fish.
 Canning and preserving, vegetables.
 Cars and general shop construction and repairs by electric-railroad companies.
 Chemicals.
 Cleaning and polishing preparations.
 Collins, burial cases, and undertakers' goods.
 Cordials and flavoring sirups.
 Cork, cutting.
 Cotton goods.
 Crucibles, clay.
 Dental goods.
 Druggists' preparations.
 Dyestuffs and extracts—natural.

Electrical machinery, apparatus, and supplies.
 Electroplating.
 Engines, steam, gas, and water.
 Engraving and diesinking.
 Engraving, steel and copper plate, including plate printing.
 Fancy articles, celluloid novelties.
 Flour-mill and gristmill products.
 Furnishing goods, men's neckwear.
 Gas and electric fixtures.
 Gas, illuminating and heating.
 Glass, cutting, staining, and ornamenting.
 Gold and silver, reducing and refining, not from the ore.

Haircloth.
 Hand stamps.
 Hats and caps, other than felt, straw, and wool.
 Hats, wool-felt.
 House-furnishing goods, not elsewhere specified.
 Knit goods.
 Leather goods, not elsewhere specified.
 Leather, tanned, curried, and finished.
 Liquors, distilled, grain alcohol.
 Lithographing.
 Lumber and timber products.

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

| | | | | | | | | | | | | | | | | | |
|---|---------------|----|-------|----|-----|-----|----|-------|----|-------|----|-------|-------|-------|----|-------|-----------|
| 1 | ALEXANDRIA. | 52 | 893 | 34 | 58 | 20 | 18 | 724 | No | 874 | My | 609 | 889 | 844 | 41 | 4 | 2,236,652 |
| 2 | BATON ROUGE. | 50 | 639 | 42 | 56 | 18 | 23 | 500 | My | 584 | Oc | 450 | 629 | 562 | 67 | ----- | 1,917,040 |
| 3 | LAKE CHARLES. | 45 | 1,397 | 27 | 56 | 77 | 15 | 1,222 | Oc | 1,301 | Je | 1,138 | 1,291 | 1,216 | 35 | 39 | 6,116,819 |
| 4 | MONROE. | 34 | 887 | 42 | 52 | 37 | 11 | 745 | De | 913 | My | 669 | 921 | 908 | 13 | ----- | 3,070,929 |
| 5 | SHREVEPORT. | 87 | 2,578 | 53 | 149 | 169 | 80 | 2,127 | De | 2,266 | Je | 1,968 | 2,427 | 2,319 | 77 | 31 | 8,389,085 |

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

^a Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—LOUISIANA.

25

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

| EXPENSES. | | | | | | | | Value of products. | Value added by manufacture. | POWER. | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|---|----------------------|-------------------------|--------------------|-----------------------------|-------------------------------|-----------------|------------------------------|---------------------------|----------------------|--|
| Salaries and wages. | | | For contract work. | Rent and taxes. | | For materials. | | | | Primary horsepower. | | | | | Electric horsepower generated in establishments reporting. |
| Officials. | Clerks, etc. | Wage earners. | | Rent of factory. | Taxes, Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | | | Total. | Owned. | | | | |
| | | | | | | | | | | Steam engines (not turbines). | Steam turbines. | Internal-combustion engines. | Water power. ¹ | Rented. ² | |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| Dollars. 6,379 | Dollars. 1,401 | Dollars. 65,605 | Dollars. 2,297 | Dollars. 1,833 | Dollars. 90,143 | Dollars. 2,701 | Dollars. 191,857 | Dollars. 102,013 | 122 | | | | | 122 | 1 | |
|--|--|--|-------------------|---|---|---|---|--|--|--|-------------------|----------|-----|---|-----------------|------------------------------------|
| 37,200 | 64,578 | 2,951,212 | | 33,150 | 1,100,092 | 64,234 | 4,310,476 | 3,086,150 | 1,035 | 525 | | 365 | | 145 | 930 | 2 |
| 146,716 32,075 204,342 | 101,676 20,073 767,991 | 441,838 120,741 230,306 | 26,026 47,358 | 10,558 8,172 29,188 | 45,722 3,387 92,876 | 1,855,097 655,673 5,531,218 | 11,046 2,758 30,085 | 3,032,589 1,095,053 7,638,851 | 1,165,846 430,622 2,077,548 | 206 57 562 | 25 15 | | 10 | 180 57 537 | | 3 4 5 |
| 138,789 121,137 17,652 25,482 82,020 9,810 152,662 | 218,190 192,360 25,830 9,489 34,068 26,597 363,640 | 363,517 303,906 59,521 147,214 328,051 8,507 428,145 | | 16,689 13,669 3,020 4,203 7,441 2,875 280 | 110,094 106,581 3,513 25,444 30,798 862 169,608 | 2,500,322 1,730,814 775,508 583,645 627,166 163,463 9,075,878 | 36,829 23,650 13,179 3,947 9,012 640 56,645 | 4,180,242 3,120,241 1,060,001 954,824 1,280,405 264,101 11,522,234 | 1,637,091 1,365,777 271,314 367,232 644,227 99,998 2,389,711 | 478 510 168 218 431 38 1,594 | 60 60 180 | | 12 | 618 450 188 26 431 38 1,304 | | 6 7 8 9 10 11 12 |
| 127,627 | 273,716 | 272,920 | 280 | 13,194 | 124,708 | 5,850,621 | 35,651 | 7,628,537 | 1,733,365 | 775 | 95 | | | 680 | | 13 |
| 7,485 | 5,989 | 68,692 | | 3,900 | 33,172 | 244,104 | 7,330 | 407,767 | 156,333 | 108 | 135 | | | 33 | | 14 |
| 17,550 | 83,935 | 80,533 | | 3,142 | 11,728 | 2,972,253 | 13,664 | 3,485,930 | 500,013 | 651 | | | | 651 | | 15 |
| 285,272 77,379 65,822 | 186,955 51,679 44,403 | 1,955,684 411,062 334,403 | 70,610 | 23,993 10,518 8,898 | 256,243 69,308 65,513 | 2,611,419 967,604 764,395 | 73,395 12,536 7,564 | 6,697,455 1,915,893 1,552,474 | 4,012,611 935,753 780,515 | 2,237 606 565 | 736 250 250 | 91 12 | | 1,410 434 315 | 150 15 15 | 16 17 18 |
| 11,557 | 7,276 | 76,659 | | 1,620 | 3,855 | 203,209 | 4,972 | 363,419 | 155,238 | 131 | | 12 | | 119 | | 19 |
| 135,737 12,825 172,117 137,142 | 34,756 10,853 101,765 75,634 | 362,206 70,396 452,427 543,311 | 9,236 243 | 600 4,851 | 96,314 10,679 | 194,613 51,388 | 451,394 1,999 | 2,066,549 230,490 | 1,420,542 183,112 | 4,836 41 | 3,411 2,580 | 160 | | 1,265 41 | 1,015 | 20 21 22 23 |
| 32,566 | 10,740 | 169,943 | 465 | 395 | 6,015 | 189,060 | 10,039 | 517,464 | 318,346 | 286 | 150 | | 33 | 103 | 137 | 24 |
| 92,660 | 43,903 | 152,630 | 287 | 5,218 | 46,013 | 653,798 | 6,998 | 1,280,560 | 619,773 | 321 | | | | 321 | | 25 |
| 41,160 94,592 251,025 | 69,837 25,392 106,562 | 71,804 49,096 577,834 | | 3,412 5,454 66,881 | 58,895 63,878 40,096 | 432,407 306,082 917,285 | 6,002 1,031 27,636 | 944,708 744,823 2,451,384 | 506,290 437,710 1,506,462 | 171 24 658 | | 8 | | 163 24 658 | | 26 27 28 |
| 234,925 | 505,149 | 269,015 | 125,621 | 30,982 | 112,306 | 1,400,749 | 18,725 | 3,450,454 | 2,030,980 | 808 | | | | 808 | | 29 |
| 159,139 7,091 | 466,062 1,225 | 248,648 19,513 | 23,599 | 23,800 1,120 | 107,642 26 | 1,351,542 15,619 | 17,916 809 | 3,076,961 61,539 | 1,707,593 45,111 | 771 37 | | | | 771 37 | | 30 31 |
| 68,695 140,822 12,123 | 37,862 119,870 7,738 | 881 226,233 21,309 | 102,022 | 6,062 4,025 | 4,638 150,869 | 33,588 11,605,551 | | 311,954 12,918,939 | 278,366 1,245,551 | | 3,487 | 2,225 | | 1,262 | 165 | 32 33 34 |
| 2,080 | 5,295 | 18,145 | 475 | 3,919 | 5,642 | 182,287 | 5,023 | 245,370 | 78,060 | 70 | 70 | | | | | 35 |
| 157,395 2,400 1,400,340 | 153,246 420 1,663,819 | 1,048,930 19,582 10,400,039 | 32,710 | 16,160 1,281 | 2,471,400 85 | 3,404,105 27,556 | 12,189 559 | 8,212,271 33,169 | 4,795,977 33,169 | 334 36 | 125 | | | 209 36 | | 36 37 38 |
| | | | 25,702 | 173,705 | 2,649,948 | 38,822,500 | 1,735,949 | 64,803,798 | 24,305,349 | 23,480 | 8,054 | 2,630 | 131 | 12,671 | 1,103 | |

| | | | | | | | |
|--|---|---|---|---|---|---|---|
| Millinery and lace goods, trimmed hats, hat frames, etc. | 2 | Pottery | 1 | Show cases | 1 | Suspenders, garters, and elastic woven goods | 1 |
| Mirrors, framed and unframed, not elsewhere specified | 1 | Printing and publishing, music | 1 | Signs and advertising novelties | 2 | Tinware, not elsewhere specified | 3 |
| Models and patterns, not including paper patterns | 3 | Printing materials | 1 | Slaughtering, wholesale | 1 | Tobacco, smoking | 1 |
| Musical instruments, piano materials | 1 | Pumps, steam | 1 | Soap | 5 | Trunks and valises | 2 |
| Oil and cake, cottonseed | 2 | Refrigerators | 1 | Stamped ware | 1 | Typewriters and parts | 1 |
| Oil, vegetable and mineral | 3 | Regalia, and society badges and emblems | 1 | Stationery goods, not elsewhere specified | 1 | Umbrellas and canes | 3 |
| Paints | 2 | Rubber tires, tubes, and rubber goods, not elsewhere specified | 1 | Statuary and art goods | 1 | Upholstering materials, not elsewhere specified | 4 |
| Perfumery and cosmetics | 4 | Saddlery and harness | 7 | Steam and hot-water radiators and cast-iron heating boilers | 1 | Varnishes | 1 |
| Petroleum, refining | 1 | Sand-lime brick | 1 | Stencils and brands | 2 | Vinegar | 1 |
| Photo-engraving | 3 | Sausage, not made in slaughtering and meat-packing establishments | 7 | Structural ironwork, not made in steel works or rolling mills | 9 | Wood distillation | 1 |
| Pickles, preserves, and sauces | 6 | Shipbuilding, steel | 7 | Sugar, refining | 1 | Wood, turned and carved | 2 |
| Plumbers' supplies, not elsewhere specified | 1 | Shipbuilding, wooden, including boat building | 3 | Sulphuric, nitric, and mixed acids | 1 | | |
| | | | | Surgical appliances | 1 | | |

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

| | | | | | | | | | | | | | | | |
|---------|---------|-----------|---------|--------|---------|-----------|---------|------------|-----------|-------|-------|-----|-------|-------|---|
| 137,091 | 69,730 | 621,429 | 20,979 | 15,745 | 98,121 | 2,920,158 | 106,648 | 4,349,790 | 1,316,984 | 2,881 | 1,997 | 19 | 805 | 15 | 1 |
| 86,893 | 32,368 | 491,111 | 11,540 | 13,616 | 33,481 | 2,423,458 | 98,045 | 3,604,282 | 1,082,779 | 1,631 | 1,092 | 19 | 520 | 55 | 2 |
| 133,929 | 114,133 | 1,426,396 | 116,150 | 13,322 | 244,266 | 5,240,298 | 85,171 | 8,290,789 | 2,965,320 | 6,544 | 4,525 | 135 | 1,863 | 35 | 3 |
| 125,921 | 56,542 | 720,836 | 10,923 | 10,923 | 51,541 | 2,634,639 | 197,070 | 4,159,104 | 1,327,395 | 2,992 | 2,152 | 345 | 445 | 378 | 4 |
| 404,368 | 279,526 | 2,381,036 | 85,728 | 59,764 | 281,196 | 7,133,312 | 134,000 | 12,876,467 | 5,609,155 | 6,335 | 4,249 | 140 | 1,720 | 1,499 | 5 |

¹ Same number reported for one or more other months.² Same number reported throughout the year.