Twelfth Census of the United States.

CENSUS BULLETIN.

No. 142. WASHINGTON, D. C. February 21, 1902.

MANUFACTURES.

ILLINOIS.

HON. WILLIAM R. MERRIAM,
Director of the Census.

SIR: I transmit herewith, for publication in bulletin form, the statistics of manufacturing and mechanical industries for the state of Illinois for the census year 1900, taken in accordance with the provisions of section 7 of the act of March 3, 1899. This section requires that "The schedules of inquiries relating to the products of manufacturing and mechanical establishments shall embrace the name and location of each establishment; character of organization, whether individual, cooperative, or other form; date of commencement of operations; character of business or kind of goods manufactured; amount of capital invested; number of proprietors, firm members, copartners, or officers, and the amount of their salaries; number of employees, and the amount of their wages; quantity and cost of materials used in manufactures; amount of miscellaneous expenses; quantity and value of products; time in operation during the census year; character and quantity of power used; and character and number of machines employed."

In each of the above particulars the requirements of the law have been observed, but certain of the data thus elicited are reserved for publication in the final volumes.

There were 70 cities and towns in the state withdrawn from the enumerators and their manufacturing statistics collected by special agents, in accordance with the further provision of section 7 of the census act. Wherever the phrase "urban manufactures" is used in this bulletin, it applies only to those cities and towns which were withdrawn from the enumerators and committed to special agents, and only to manufacturing establishments within the corporate limits of such places.

Eleven cities in Illinois contain a population exceeding 20,000 each: Aurora, Bloomington, Chicago, Decatur, East St. Louis, Elgin, Joliet, Peoria, Quincy, Rockford, and Springfield. The manufacturing statistics of these 11 cities are presented by specified industries, and the statistics of Bloomington, Chicago, Joliet, Peoria, Quincy, Rockford, and Springfield are presented in comparison with the returns of the Eleventh Census. The statistics of Aurora, Decatur, East St. Louis, and Elgin were not shown separately in 1890, and comparisons with that year are, therefore, not possible in these cases.

Mr. J. M. Glenn, of Chicago, rendered valuable assistance in the preparation of the text for the accompanying report.

The statistics of Illinois are presented in 9 tables: Table 1 showing comparative figures for the state at the several censuses; Table 2 showing all the industries of the state divided between hand trades and the manufactures proper, and also the statistics of governmental establishments, educational and penal institutions, and establishments with a product of less than $500, which three latter classes were not reported at previous censuses; Table 3 showing the statistics of the 24 leading industries of the state for 1890 and 1900; Table 4 showing the totals for the cities of Bloomington, Chicago, Joliet, Peoria, Quincy, Rockford, and Springfield at the censuses of 1890 and 1900; Table 5 showing the urban manufactures of the state in comparison with the totals for the entire state and the state exclusive of the cities and towns withdrawn from the enumerators; Table 6 showing the statistics for the state by counties; Table 7 showing the statistics for the state by specified industries; Table 8 showing the statistics for the cities of Aurora, Bloomington, Chicago, Decatur, East St. Louis, Elgin, Joliet, Peoria, Quincy, Rockford, and Springfield by specified industries; and Table 9 showing the totals for all industries in each of the cities and towns withdrawn from the enumerators (exclusive of those shown in Table 8).

Table 1 shows the growth of manufactures in Illinois for the half century which terminates with the Twelfth Census. The manufacturing statistics of the censuses prior to 1850 were too imperfect and fragmentary in character to make it proper to reproduce them in such a table as a measure of industrial growth in the first half of the century. Owing to changes in the method of taking the census, comparisons between the earlier and later decades, represented in Table 1, should be drawn only in the most general way.

Nevertheless, the rate of growth in Illinois manufactures may be fairly inferred from the figures given.

In drafting the schedules of inquiry for the census of 1900 care was taken to preserve the basis of comparison with prior censuses. Comparison may be made safely with respect to all the items of inquiry except those relating to capital, salaried officials, clerks, etc., and their salaries, the average number of employees, and the total amount of wages paid. Live capital, that is, cash on hand, bills receivable, unsettled ledger accounts, raw materials, stock in process of manufacture, finished products on hand, and other sundries, was first called for at the census of 1890. No definite attempt was made, prior to the census of 1890, to secure a return of live capital invested.

Changes were made in the inquiries relating to employees and wages in order to eliminate defects found to exist on the form of inquiry adopted in 1890. At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay, and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was ascertained by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the method of ascertaining the average number of wage-earners during the entire year may have resulted in a variation in the number, and should be considered in making comparisons.

At the census of 1890 the number and salaries of proprietors and firm members actively engaged in the business or in supervision were reported, combined with clerks and other officials. In cases where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900 only the number of proprietors and firm members actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class. It is therefore impossible to compare the number and salaries of salaried officials of any character for the two censuses.

Furthermore, the schedules for 1890 included in the wage-earning class, overseers, foremen, and superintendents (not general superintendents or managers), while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from the wage-earners, as reported by the present census, many high-salaried employees included in that group for the census of 1890.

In some instances, the number of proprietors and firm members, shown in the accompanying tables, falls short of the number of establishments reported. This is accounted for by the fact that no proprietors or firm members are reported for corporations or cooperative establishments.

The reports show a capital of $776,829,598 invested in manufactures and mechanical industries in the 38,360 establishments reporting for the state of Illinois. This sum represents the value of land, buildings, machinery, tools, and implements, and the live capital utilized, but does not include the capital stock of any of the manufacturing corporations of the state. The value of the products is returned at $1,259,571,105, to produce which involved an outlay of $43,337,464 for salaries of officials, clerks, etc.; $191,510,962 for wages; $130,876,318 for miscellaneous expenses, including rent, taxes, etc.; and $739,754,414 for materials used, mill supplies, freight, and fuel. It is not to be assumed, however, that the difference between the aggregate of these sums and the value of the products is, in any sense, indicative of the profits in the manufacture of the products during the census year. The census schedule takes no cognizance of the cost of selling manufactured articles, or of interest on capital invested, or of the mercantile losses incurred in the business, or of depreciation in plant. The value of the product given is the value as obtained or fixed at the shop or factory. This statement is necessary in order to avoid erroneous conclusions from the figures presented.

The value of products for the state of Illinois, $1,259,571,105, is the gross value, and not the net or true value. The difference between these two should be carefully noted. The gross value is found by adding the value of products in the separate establishments. But the finished product of one establishment is often the raw material for another. In such cases the value of the former reappears in the latter, and thus the original cost of certain materials may be included several times in the gross value. The net or true value is found by subtracting from the gross value the value of all materials purchased in a partly manufactured form. In this way the duplications in the gross value are eliminated.

At the census of 1890 the schedule was so framed that it was impossible to find the net or true value. In the present census the schedule asked for the value of the materials in two classes, those purchased in the crude state and those purchased in the partly manufactured form. From the answers to these questions the net or true value of products may be computed. Thus, for Illinois, the gross value of products for 1900 was $1,259,571,105. The value of materials purchased in a partly manufactured form was $419,354,899. The difference, $840,216,206, is the net or true value of products, and represents the increase in the value of raw materials resulting from the various processes of manufacture.

Very respectfully,

Chief Statistician for Manufactures.

ILLINOIS.

Table 1 shows the manufacturing and mechanical industries of the state of Illinois as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	38,360	20,482	14,549	12,597	4,268	3,162	87.3	40.8	15.5	195.1	35.0
Capital	$776,829,598	$502,004,512	$140,652,066	$94,368,057	$27,548,563	$6,217,765	54.7	256.9	49.0	242.6	343.1
Salaried officials, clerks, etc., number	44,342	[1]31,980	(2)	(2)	(2)	(2)	38.7	----	----	----	----
Salaries	$43,337,464	[1]$28,650,314	(2)	(2)	(2)	(2)	51.3	----	----	----	----
Wage-earners, average number	395,110	280,218	144,727	82,979	22,968	11,559	41.0	93.6	74.4	261.3	98.7
Total wages	$191,510,962	$142,873,265	$57,429,085	$31,100,244	$7,037,921	$3,204,336	34.0	148.8	84.7	307.2	138.4
Men, 16 years and over	325,713	241,882	120,558	73,045	22,489	11,066	34.7	100.6	65.0	224.8	103.2
Wages	$172,659,499	$132,596,470	(2)	(2)	(2)	(2)	30.2	----	----	----	----
Women, 16 years and over	58,978	32,910	15,233	6,717	479	493	79.2	116.0	126.8	1,302.3	[3]2.8
Wages	$16,964,974	$9,492,151	(2)	(2)	(2)	(2)	78.7	----	----	----	----
Children, under 16 years	10,419	5,426	3,936	3,217	(2)	(2)	92.0	[3]39.3	177.8	----	----
Wages	$1,886,489	$784,644	(2)	(2)	(2)	(2)	140.4	----	----	----	----
Miscellaneous expenses	$130,876,318	$79,515,193	(4)	(4)	(4)	(4)	64.6	----	----	----	----
Cost of materials used	$739,754,414	$529,019,089	$289,843,907	$127,600,077	$35,558,782	$8,959,327	39.8	82.5	127.2	258.8	296.9
Value of products, including custom work and repairing	$1,259,571,105	$908,640,280	$414,864,673	$205,620,672	$57,580,886	$16,534,272	38.6	119.0	101.8	257.1	248.3
Total population	4,821,550	3,826,351	3,077,871	2,539,891	1,711,951	851,470	26.0	24.3	21.2	48.4	101.1
Wage-earners engaged in manufactures	395,110	280,218	144,727	82,979	22,968	11,559	41.0	93.6	74.4	261.3	98.7
Per cent of total population	8.2	7.3	4.7	3.3	1.3	1.4	----	----	----	----	----
Assessed value of real estate	[5]$809,733,405	$587,442,289	$575,441,053	$348,433,906	$287,219,940	$81,524,835	37.8	2.1	65.2	21.3	252.3
Value of land and buildings invested in manufactures[6]	$195,616,265	$130,740,527	(2)	(2)	(2)	(2)	49.6	----	----	----	----
Per cent of assessed value	24.2	22.3	----	----	----	----	----	----	----	----	----

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Illinois during the half century. The population during these years increased from 851,470 to 4,821,550, while the average number of wage-earners employed in manufacturing establishments increased from 11,559 to 395,110, embracing, in 1900, 8.2 per cent of the entire population, compared with 1.4 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 528,099, or 11 per cent of the total population of the state. The greatest percentage of increase in the value of products, 257.1 per cent, is shown for the decade ending with 1870, but the greatest absolute increase, $493,775,607, was between the years 1880 and 1890.

The high rank of Illinois as a manufacturing state is due primarily to its transportation facilities. The communication with the East afforded by Lake Michigan and its connecting waters early made Chicago the great distributing center for eastern products to all points in the West and Southwest, while the Mississippi River, bordering the western portion of the state, afforded communication with the entire Mississippi Valley. Superior railroad facilities were a direct result of the trade routes established by these opportunities for water transportation; for when railroad building began Chicago was the natural focusing point, and to reach that city all sections of the state were traversed and opened up to settlement. In 1900 there were 10,997 miles of railroads in Illinois, a larger mileage than was shown for any other state in the United States.[1] With such facilities for obtaining raw material and for marketing manufactured products, and with abundant bituminous coal in many sections of the state, the development of manufacturing has naturally been very rapid. The state ranked fifteenth in the United States in the value of its manufactured products in 1850, eighth in 1860, sixth in 1870, fourth in 1880, and third in 1890 and 1900.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Interstate Commerce Commission, Statistics of Railways in the United States, 1900, page 12.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	45,475	$779,201,565	48,713	897,919	$191,692,482	$131,090,868	$740,451,936	$294,863,938	$419,977,712	$25,610,286	$1,265,099,008
Hand trades [1]	19,300	29,327,772	21,446	50,891	26,977,104	11,535,981	45,527,913	1,007,456	43,548,681	971,776	112,389,625
Governmental establishments	2	255,500		41	36,648	207	89,921		87,753	2,168	172,325
Educational and penal institutions	14	288,405		779	52,654	16,066	120,939	12,523	104,204	4,212	3,545,067
Establishments with a product of less than $500	7,099	1,823,062	7,522	1,989	92,168	197,777	486,662	53,636	430,856	2,170	1,810,511
All other establishments	19,060	747,501,826	19,745	844,219	164,533,858	119,340,337	694,226,501	293,790,323	375,806,218	24,629,960	1,147,181,480

[1] Includes bicycle and tricycle repairing, 507; blacksmithing and wheelwrighting, 3,545; boots and shoes, custom work and repairing, 1,756; carpentering, 2,203; clothing, men's, custom work and repairing, 2,345; clothing, women's, dressmaking, 2,152; dyeing and cleaning, 174; furniture, cabinetmaking, repairing, and upholstering, 473; lock and gun smithing, 138; masonry, brick and stone, 584; millinery, custom work, 1,372; painting, house, sign, etc., 1,660; paper hanging, 99; plastering and stuccowork, 234; plumbing, and gas and steam fitting, 1,072; sewing machine repairing, 30; taxidermy, 9; typewriter repairing, 4; watch, clock, and jewelry repairing, 943.

Of the 45,475 establishments of all classes shown in this table, 26,399, or 58.1 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $114,200,136, or only 9 per cent of the total value of the products of the state.

In addition to the 45,475 active establishments in the state during the census year, with a capital of $779,201,565, shown in Table 2, there were 194 idle establishments, with a capital of $6,096,601, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	3	$82,000	Liquors, malt	2	$170,300
Ammunition	1	155,725	Lumber, planing mill products, including sash, doors, and blinds	4	35,900
Bicycles and tricycles	1	50,000	Masonry, brick and stone	3	21,450
Boots and shoes, factory product	3	39,000	Oil, castor	1	58,117
Brick and tile	41	1,473,173	Oil, linseed	3	170,000
Carpentering	5	34,925	Paper and wood pulp	2	199,396
Coke	2	83,700	Patent medicines and compounds	1	100,000
Copper smelting	1	119,000	Paving and paving materials	2	31,170
Flouring and grist mill products	21	238,835	Pottery, terra cotta, and fire-clay products	2	53,300
Food preparations	1	50,000	Registers, cash	2	36,000
Foundry and machine shop products	13	131,350	Starch	1	349,507
Furniture, cabinetmaking, repairing, and upholstering	2	50,350	Tobacco, stemming and rehandling	1	60,500
Furniture, factory product	2	531,800	Toys and games	1	25,000
Glass	6	258,000	Wirework, including wire rope and cable	3	62,056
Iron and steel	4	398,060	Woolen goods	4	44,850
Liquors, distilled	2	836,000	All other industries	55	96,637

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-FOUR LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	8,209	$477,485,672	219,415	$109,298,721	$95,125,408	$507,211,162	$810,477,419
	1890	5,459	316,038,271	159,281	81,685,533	63,032,547	380,137,080	621,123,759
Increase, 1890 to 1900		2,750	161,447,401	60,134	27,613,188	32,092,861	127,074,082	189,353,660
Per cent of increase		50.4	51.1	37.8	33.8	50.9	33.4	30.5
Per cent of total of all industries in state	1900	21.4	61.4	55.5	57.1	72.7	68.6	64.4
	1890	26.7	63.0	56.8	57.2	79.3	71.9	63.4
Agricultural implements	1900	94	62,202,330	18,231	9,064,954	5,346,224	18,859,517	42,033,796
	1890	100	48,639,333	9,502	4,608,571	3,592,439	10,102,508	24,609,660
Bicycles and tricycles	1900	60	7,694,658	4,388	2,144,897	630,442	4,836,585	8,960,421
	1890	5	565,612	653	342,478	85,650	272,904	970,000
Boots and shoes, factory product	1900	55	5,351,482	5,553	2,694,959	444,774	7,306,025	11,434,842
	1890	56	3,781,476	3,992	1,896,998	388,001	4,931,986	8,756,824
Carriages and wagons	1900	407	9,539,235	4,355	2,210,722	532,635	4,360,269	9,210,379
	1890	559	9,078,310	4,912	2,641,904	561,244	3,721,807	9,041,725
Cars and general shop construction and repairs by steam railroad companies.	1900	98	11,726,424	13,303	7,422,527	267,497	8,286,776	16,580,424
	1890	70	7,791,234	10,277	5,855,481	5,629	5,909,493	12,208,617
Cars, steam railroad, not including operations of railroad companies.	1900	17	18,732,466	9,314	5,360,756	483,271	17,075,461	24,845,606
	1890	9	10,070,784	6,879	4,234,407	217,384	10,093,125	17,117,228
Cheese, butter, and condensed milk, factory product	1900	527	4,465,752	1,483	696,688	177,417	10,199,429	12,879,299
	1890	262	2,180,685	1,844	568,218	106,850	6,582,144	8,004,991

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-FOUR LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Clay products: Total	1900	619	$12,710,709	7,229	$2,971,907	$499,355	$1,601,742	$7,224,915
	1890	644	10,670,707	10,596	3,574,177	718,661	1,495,503	7,956,082
Brick and tile	1900	566	9,198,944	5,224	2,180,854	326,909	1,025,681	5,081,394
	1890	604	8,995,599	9,153	2,885,380	575,457	1,069,369	6,399,492
Pottery, terra cotta, and fire-clay products	1900	53	3,511,765	2,005	841,053	172,446	576,061	2,143,521
	1890	40	1,675,108	1,443	688,797	143,204	426,134	1,556,590
Clothing, men's, factory product	1900	900	18,684,712	14,977	5,845,254	7,065,130	18,211,015	37,378,717
	1890	199	13,275,575	16,004	5,892,599	2,752,621	18,199,308	33,626,441
Clothing, women's, factory product	1900	169	2,946,454	4,402	1,492,295	1,143,662	5,019,054	9,774,774
	1890	71	2,793,112	2,513	1,013,673	600,080	3,257,712	6,422,431
Electrical apparatus and supplies	1900	82	11,641,177	6,048	2,818,274	1,565,404	4,675,961	12,169,425
	1890	11	395,834	260	144,006	36,544	184,625	486,730
Flouring and grist mill products	1900	871	12,062,626	2,111	1,098,006	560,980	26,848,791	31,006,294
	1890	647	13,101,860	3,550	1,480,954	905,299	31,733,747	37,974,885
Foundry and machine shop products	1900	758	51,870,701	31,851	16,881,423	4,631,669	28,603,391	63,878,352
	1890	408	29,726,767	17,200	9,445,516	2,220,217	17,313,882	38,898,114
Furniture, factory product	1900	148	10,170,883	9,757	4,449,982	1,027,409	6,715,316	15,285,475
	1890	169	8,810,006	8,504	4,524,047	588,895	5,965,615	14,406,835
Glucose	1900	6	31,978,783	2,680	1,423,805	527,061	12,988,845	18,122,814
	1890	4	3,179,714	878	503,998	334,729	2,785,488	4,870,822
Iron and steel	1900	26	43,275,739	16,642	9,640,716	3,208,240	41,729,261	60,144,081
	1890	24	33,993,919	8,685	5,220,883	793,128	30,089,674	39,011,051
Leather, tanned, curried, and finished	1900	27	4,751,474	2,263	1,145,170	181,350	5,784,474	7,847,835
	1890	30	4,876,671	1,864	1,086,318	160,141	5,770,146	8,240,803
Liquors: Total	1900	114	35,962,891	3,607	2,251,787	43,319,495	7,770,880	57,941,897
	1890	95	30,076,148	3,621	2,289,369	34,958,686	8,545,740	65,660,783
Liquors, distilled	1900	20	3,164,811	338	191,995	33,391,799	3,784,652	38,208,076
	1890	7	8,782,041	999	769,860	31,505,991	5,918,106	51,996,737
Liquors, malt	1900	94	32,798,080	3,269	2,059,792	9,927,696	4,036,178	19,733,821
	1890	88	21,294,107	2,622	1,519,509	3,452,695	4,627,634	13,664,046
Lumber and timber products	1900	837	5,246,277	3,526	1,343,640	260,073	4,619,705	7,652,118
	1890	863	4,095,212	4,089	1,037,525	360,943	2,907,390	5,135,155
Lumber, planing mill products, including sash, doors, and blinds	1900	240	6,550,568	5,122	2,576,159	572,890	6,072,377	11,141,771
	1890	206	11,301,630	8,929	5,022,149	684,019	11,712,229	20,468,903
Musical instruments and materials: Total	1900	45	11,166,100	4,670	2,391,695	932,468	3,322,647	8,156,445
	1890	25	3,673,823	1,843	980,555	206,210	1,464,289	3,546,339
Musical instruments, organs and materials	1900	16	807,698	817	337,099	152,994	517,458	1,191,197
	1890	17	3,339,923	1,401	751,079	128,266	1,112,067	2,790,889
Musical instruments, pianos and materials	1900	29	10,358,402	3,853	2,054,596	779,474	2,805,189	6,965,248
	1890	8	333,900	442	229,476	77,944	852,222	755,450
Printing and publishing: Total	1900	2,006	25,995,886	17,986	8,767,901	6,804,460	9,577,425	39,449,032
	1890	1,386	18,409,044	14,228	8,323,536	5,639,404	8,388,617	32,060,913
Printing and publishing, book and job	1900	725	13,489,172	10,455	5,086,703	3,029,709	5,394,432	19,761,780
	1890	380	8,608,810	6,533	3,614,881	2,332,999	4,800,914	14,555,068
Printing and publishing, music	1900	22	247,145	53	26,857	106,706	44,859	282,297
	1890	10	86,210	20	11,394	24,328	37,080	157,000
Printing and publishing, newspapers and periodicals	1900	1,259	12,259,569	7,478	3,704,341	3,668,045	4,138,134	19,404,955
	1890	996	9,714,024	7,676	4,697,261	3,282,077	4,000,623	17,348,845
Slaughtering: Total	1900	64	71,229,262	27,861	14,044,838	14,211,396	246,713,309	287,922,277
	1890	81	40,307,115	17,932	10,500,038	6,463,616	180,903,912	212,291,382
Slaughtering and meat packing, wholesale	1900	51	70,782,361	27,626	13,898,950	14,158,171	239,757,479	279,842,835
	1890	60	40,317,930	17,240	10,041,070	6,391,900	169,934,270	200,414,531
Slaughtering, wholesale, not including meat packing	1900	13	446,901	235	145,888	53,225	6,955,830	8,079,442
	1890	21	489,185	692	458,968	71,716	10,969,642	11,876,851
Soap and candles	1900	39	6,529,133	1,556	560,416	732,106	6,032,957	9,436,430
	1890	35	4,743,650	1,026	458,133	652,207	7,455,241	9,857,550

The 24 leading industries of the state in 1900, as shown in Table 3, embraced 8,209 establishments, or 21.4 per cent of the total number in the state; used a capital of $477,485,672, or 61.4 per cent of the total; gave employment to 219,415 wage-earners, or 55.5 per cent of the total number; and paid $109,298,721, or 57.1 per cent of the total wages. The value of their products was $810,477,419, or 64.4 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that slaughtering and meat packing is the most important industry in the state. The 64 establishments reported in 1900 gave employment to 27,861 wage-earners, or 7.1 per cent of the wage-earners employed in the state, and the products were valued at $287,922,277, or 22.9 per cent of the total value of the products of the

state. In 1890 there were 81 establishments, 17,932 wage-earners, and products valued at $212,291,382. The increase in the value of products during the decade was $75,630,895, or 35.6 per cent. Chicago is the great live-stock market for the West and Northwest. The packing of meats was begun there in 1836, before the city was incorporated, cattle and hogs being brought in on the hoof. The pioneer establishment was located very near the mouth of the Chicago River, in what is now the heart of the city. Attention was early concentrated upon the by-products, and now the entire animal is utilized. The flesh is sold as meat, the blood is dried and sold for clarifying purposes, the entrails are cleaned and made into sausage casings, the hoofs are turned into neat's-foot oil, the parings of the hoofs, hides, and bones are converted into glue, the finest of the fats are turned into butterine, lard, oils, and the finest tallow, the cruder fats are made into soap grease, the hides are marketed for the manufacture of leather, the horns are sold to comb makers, the larger bones are used for the making of knife handles and for other purposes, the switches and tail ends are sold to hair mattress makers, and the short hair which can not be dried and curled for sale is sold to felt works.

The manufacture of foundry and machine shop products ranks second among the industries of the state, with 758 establishments, 31,851 wage-earners, and products valued at $63,878,352. In 1890 there were 408 establishments, 17,200 wage-earners, and products valued at $38,898,114. The increase in the value of products during the decade was $24,980,238, or 64.2 per cent.

There were 26 establishments engaged in the manufacture of iron and steel in 1900, the industry third in rank, with 16,642 wage-earners, and products valued at $60,144,081. In 1890 there were 24 establishments, 8,685 wage-earners, and products valued at $39,011,051. The increase in the value of products during the decade was $21,133,030, or 54.2 per cent. This industry owes its great development in Illinois to the iron mines of the Lake Superior region, the cheapness and ease with which the ore is landed on the docks at Chicago, and to the low price at which the large supplies of bituminous coal are placed on the market. The first important iron plant in the state was the rolling mill built on the north branch of the Chicago River in 1857, and the first steel rail made in the United States was rolled at this plant.[1] The next plant was built at Joliet, on the Illinois and Michigan Canal. In 1880 the plant at South Chicago was built, and in 1889 the three were merged into one company.

There were 114 establishments engaged in the manufacture of liquors in 1900, with 3,607 wage-earners, and products valued at $57,941,897. In 1890 there were 95 establishments, 3,621 wage-earners, and products valued at $65,660,783. The decrease in the value of products during the decade was $7,718,886, or 11.8 per cent. The abundance of corn caused distilleries to be started in many parts of the state at an early day, but Peoria seems to have been the most favored location, and this city has become the largest producer of whiskey and high wines in the United States. The growth of the malt liquor manufacture has also been due largely to the abundance of raw material.

There were 94 establishments engaged in the manufacture of agricultural implements in 1900, with 18,231 wage-earners, and products valued at $42,033,796. In 1890 there were 100 establishments, 9,502 wage-earners, and products valued at $24,609,660. The increase in the value of products during the decade was $17,424,136, or 70.8 per cent. The agricultural expansion of the state was so rapid that blacksmith shops early developed into agricultural implement factories. The two important raw materials, wood and iron, were obtained at low prices as a result of the cheap transportation afforded by the Great Lakes. This condition gave the rapidly growing state a great advantage, and many Eastern manufacturers of these products located their plants in the new field. Men in other pursuits changed occupations and embarked in manufacturing enterprises of this character. Competition aroused the inventive spirit, and one improvement after another followed. Plows, wagons, and all kinds of machines demanded or needed by the farmer are now made in Illinois. In many cases these enterprises are owned by families, the heads of which, after establishing the business and placing it on a successful basis, have passed it on to their sons.

There were 2,006 establishments engaged in printing and publishing in 1900, with 17,986 wage-earners, and products valued at $39,449,032. In 1890 there were 1,386 establishments, 14,228 wage-earners, and products valued at $32,060,913. The increase in the value of products during the decade was $7,388,119, or 23 per cent.

There were 900 establishments engaged in the factory manufacture of men's clothing in 1900, with 14,977 wage-earners, and products valued at $37,378,717. In 1890 there were 199 establishments, 16,004 wage-earners, and products valued at $33,626,441. The increase in the value of products during the decade was $3,752,276, or 11.2 per cent.

There were 871 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 2,111 wage-earners, and products valued at $31,006,294. In 1890 there were 647 establishments, 3,550 wage-earners, and products valued at $37,974,885. The decrease in the value of products during the decade was $6,968,591, or 18.4 per cent.

There were 17 establishments, not operated by railroad companies, engaged in the manufacture of steam railroad cars in 1900, with 9,314 wage-earners, and products valued at $24,845,606. In 1890 there were 9 establishments, 6,879 wage-earners, and products valued at $17,117,223. The increase in the value of products during the decade was $7,728,383, or 45.1 per cent.

There were 6 establishments engaged in the manufacture of glucose in 1900, with 2,680 wage-earners, and products valued at $18,122,814. In 1890 there were 4 establishments, 878 wage-earners, and products valued at $4,370,322.

[1] Tenth Census of the United States, 1880, Manufactures, pages 842 and 862.

The increase in the value of products during the decade was $13,752,492, or 314.7 per cent. This is one of the most interesting industries dependent upon corn for their raw material. There are now 35 distinct products made directly from corn by the glucose plants, and many indirect products. The corn consumed in this manufacture amounts to 20 per cent of the corn crop of the state.

There were 98 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 13,803 wage-earners, and products valued at $16,580,424. In 1890 there were 70 establishments, 10,277 wage-earners, and products valued at $12,208,617. The increase in the value of products during the decade was $4,371,807, or 35.8 per cent.

There were 148 establishments engaged in the factory manufacture of furniture in 1900, with 9,757 wage-earners, and products valued at $15,285,475. In 1890 there were 169 establishments, 8,504 wage-earners, and products valued at $14,406,835. The increase in the value of products during the decade was $878,640, or 6.1 per cent.

There were 527 establishments engaged in the factory manufacture of cheese, butter, and condensed milk products in 1900, with 1,483 wage-earners, and products valued at $12,879,299. In 1890 there were 262 establishments, 1,344 wage-earners, and products valued at $8,004,991. The increase in the value of products during the decade was $4,874,308, or 60.9 per cent.

There were 82 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 6,048 wage-earners, and products valued at $12,169,425. In 1890 there were 11 establishments, 260 wage-earners, and products valued at $486,730. The increase in the value of products during the decade was $11,682,695, or 2,400.2 per cent.

There were 55 establishments engaged in the factory manufacture of boots and shoes in 1900, with 5,553 wage-earners, and products valued at $11,434,842. In 1890 there were 56 establishments, 3,992 wage-earners, and products valued at $8,756,824. The increase in the value of products during the decade was $2,678,018, or 30.6 per cent. Some of the largest boot and shoe factories in the world are located in Illinois.

There were 240 establishments engaged in the manufacture of planing mill products in 1900, with 5,122 wage-earners, and products valued at $11,141,771. In 1890 there were 206 establishments, 8,929 wage-earners, and products valued at $20,468,903. The decrease in the value of products during the decade was $9,327,132, or 45.6 per cent.

There were 169 establishments engaged in the factory manufacture of women's clothing in 1900, with 4,402 wage-earners, and products valued at $9,774,774. In 1890 there were 71 establishments, 2,513 wage-earners, and products valued at $6,422,431. The increase in the value of products during the decade was $3,352,343, or 52.2 per cent.

There were 39 establishments engaged in the manufacture of soap and candles in 1900, with 1,556 wage-earners, and products valued at $9,436,430. In 1890 there were 35 establishments, 1,026 wage-earners, and products valued at $9,857,550. The decrease in the value of products during the decade was $421,120, or 4.3 per cent.

There were 407 establishments engaged in the manufacture of carriages and wagons in 1900, with 4,355 wage-earners, and products valued at $9,210,379. In 1890 there were 559 establishments, 4,912 wage-earners, and products valued at $9,041,725. The increase in the value of products during the decade was $168,654, or 1.9 per cent.

There were 60 establishments engaged in the manufacture of bicycles and tricycles in 1900, with 4,388 wage-earners, and products valued at $8,960,421. In 1890 there were 5 establishments, 653 wage-earners, and products valued at $970,000. The increase in the value of products during the decade was $7,990,421, or 823.8 per cent.

There were 45 establishments engaged in the manufacture of musical instruments and materials in 1900, with 4,670 wage-earners, and products valued at $8,156,445. In 1890 there were 25 establishments, 1,843 wage-earners, and products valued at $3,546,339. The increase in the value of products during the decade was $4,610,106, or 130 per cent.

There were 27 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 2,263 wage-earners, and products valued at $7,847,835. In 1890 there were 30 establishments, 1,864 wage-earners, and products valued at $8,240,803. The decrease in the value of products during the decade was $392,968, or 4.8 per cent.

There were 837 establishments engaged in the manufacture of lumber and timber products in 1900, with 3,526 wage-earners, and products valued at $7,652,118. In 1890 there were 363 establishments, 4,089 wage-earners, and products valued at $5,135,155. The increase in the value of products during the decade was $2,516,963, or 49 per cent. The lumber interests of the state have been greatly stimulated by the supplies of timber floated down the Mississippi River from forests in other states. New methods in handling lumber, and the exhaustion of much of the timber land on the upper Mississippi, have greatly changed conditions in recent years.

There were 619 establishments engaged in the manufacture of clay products in 1900, with 7,229 wage-earners, and products valued at $7,224,915. In 1890 there were 644 establishments, 10,596 wage-earners, and products valued at $7,956,082. The decrease in the value of products during the decade was $731,167, or 9.2 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Bloomington, Chicago, Joliet, Peoria, Quincy, Rockford, and Springfield as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, BLOOMINGTON, CHICAGO, JOLIET, PEORIA, QUINCY, ROCKFORD, AND SPRINGFIELD, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	38,360	$776,829,598	395,110	$191,510,962	$130,876,318	$739,754,414	$1,259,571,105
	1890	20,482	502,004,512	280,218	142,873,265	79,515,193	529,019,089	908,640,280
Per cent of increase		87.2	54.7	41.0	34.0	64.6	39.8	38.6
Bloomington	1900	185	2,465,300	2,030	974,736	202,807	2,008,907	3,845,768
	1890	188	2,874,141	2,201	1,007,995	223,532	2,025,949	4,081,001
Per cent of increase		[1]1.6	[1]14.2	[1]7.8	[1]3.3	[1]9.3	[1]0.8	[1]5.8
Chicago	1900	19,203	534,000,689	262,621	131,065,337	80,414,823	538,401,562	888,786,311
	1890	9,977	359,739,598	190,621	104,069,922	43,235,427	409,493,027	664,567,923
Per cent of increase		92.5	48.4	37.8	25.9	86.0	31.5	33.7
Joliet	1900	455	15,452,196	6,523	3,957,529	1,718,339	17,891,836	27,765,104
	1890	271	9,418,932	2,866	1,723,512	551,539	8,884,684	12,732,933
Per cent of increase		67.9	64.0	127.6	129.6	211.6	101.4	118.1
Peoria	1900	871	27,971,613	8,022	3,901,186	25,122,825	14,986,348	48,871,596
	1890	556	15,085,862	6,816	3,538,216	24,475,327	9,996,879	55,535,023
Per cent of increase		56.7	85.4	17.7	10.3	2.6	49.9	[1]12.0
Quincy	1900	421	6,879,846	4,509	1,918,452	779,653	4,952,797	9,234,988
	1890	394	6,554,810	4,577	1,986,408	648,086	5,701,973	10,395,102
Per cent of increase		6.9	5.0	[1]1.5	[1]3.4	20.3	[1]13.1	[1]11.2
Rockford	1900	450	14,126,834	6,620	2,765,709	821,352	6,928,941	12,536,116
	1890	246	7,715,069	4,867	2,166,096	549,317	4,248,001	8,888,904
Per cent of increase		82.9	83.1	36.0	27.7	49.5	63.1	41.6
Springfield	1900	320	5,080,438	3,871	1,730,891	681,823	3,290,207	6,612,286
	1890	374	3,641,415	2,853	1,290,307	303,368	3,790,754	6,562,470
Per cent of increase		[1]14.4	38.1	35.7	24.5	108.3	[1]13.2	0.8
Total for 7 cities	1900	21,905	605,926,916	294,196	146,313,840	109,691,622	588,460,598	997,702,169
	1890	12,006	405,029,827	214,801	115,882,456	69,986,596	444,140,767	762,763,356
Per cent of increase		82.5	49.6	37.0	26.3	56.7	32.5	30.8
Per cent of 7 cities to total for state	1900	57.1	78.0	74.5	76.4	83.8	79.5	79.2
	1890	58.6	80.7	76.7	81.1	88.0	84.0	84.1

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 7 cities. The number of establishments increased from 12,006 to 21,905, or 82.5 per cent; the average number of wage-earners from 214,801 to 294,196, or 37 per cent; and the value of products from $762,763,356 to $997,702,169, or 30.8 per cent. The percentage of increase in each of these particulars was smaller in these 7 cities than in the state as a whole. In Bloomington, Peoria, and Quincy the value of products decreased during the decade. The city of Joliet shows the most rapid growth, the value of products having increased from $12,732,933 in 1890 to $27,765,104 in 1900, or 118.1 per cent. In Chicago, the leading manufacturing city, the number of establishments increased from 9,977 to 19,203, or 92.5 per cent; the number of wage-earners from 190,621 to 262,621, or 37.8 per cent; and the value of products from $664,567,923 to $888,786,311, or 33.7 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 50.1, 66.5, and 70.6 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 70 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	38,360	$776,829,598	41,191	395,110	$191,510,962	$130,876,318	$739,754,414	$1,259,571,105	-------	100.0	4,821,550	-------	100.0
Total for urban manufactures	27,904	719,336,445	29,445	362,682	177,811,025	127,521,938	685,780,109	1,169,722,980	-------	92.9	2,459,638	-------	51.0
Alton	160	2,967,168	177	2,360	1,127,545	258,922	2,654,463	4,633,035	15	0.4	14,210	19	0.3
Aurora	229	6,304,454	246	4,647	1,952,025	495,077	3,490,279	7,370,029	9	0.6	24,147	8	0.5
Batavia	37	2,020,528	36	838	364,812	79,459	1,091,220	1,868,989	32	0.2	3,871	60	0.1
Belleville	260	2,573,648	305	1,800	832,610	916,492	1,293,228	3,766,988	21	0.3	17,484	15	0.4
Belvidere	106	1,695,879	118	1,147	636,482	118,163	928,730	2,036,734	31	0.2	6,937	34	0.1
Bloomington	185	2,465,300	196	2,030	974,736	202,807	2,008,907	3,845,768	20	0.8	23,286	9	0.5
Braidwood	14	12,455	14	11	4,936	1,096	12,939	28,322	70	(1)	3,279	64	0.1
Cairo	125	2,346,403	126	1,621	592,535	199,109	2,119,681	3,466,015	23	0.3	12,566	28	0.3
Canton	72	4,713,448	88	1,162	462,011	161,660	671,217	1,806,640	34	0.1	6,564	37	0.1
Carmi	35	115,166	42	98	36,463	9,406	81,977	169,171	67	(1)	2,939	65	0.1

[1] Less than one-tenth of 1 per cent.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Centralia	66	$624,385	75	636	$243,628	$23,137	$637,728	$1,081,230	45	0.1	6,721	36	0.1
Champaign	122	510,371	139	515	234,461	69,736	372,801	867,995	48	0.1	9,098	28	0.2
Chicago	19,203	534,000,689	19,872	262,621	131,065,337	80,414,823	538,401,562	888,786,311	1	70.6	1,698,575	1	35.2
Chicago Heights	67	2,866,541	60	1,529	790,645	194,949	2,063,722	3,902,338	18	0.3	5,100	49	0.1
Clinton	23	125,072	26	190	95,067	4,984	157,009	301,156	61	(1)	4,452	51	0.1
Collinsville	51	408,614	57	344	150,604	15,005	576,819	812,278	49	0.1	4,021	59	0.1
Danville	174	1,585,156	209	1,257	598,624	97,207	1,433,006	2,616,515	27	0.2	16,354	17	0.3
Decatur	239	3,632,263	255	2,313	994,659	219,713	3,690,802	5,896,492	12	0.5	20,754	11	0.4
Dekalb	83	2,008,462	95	1,064	491,094	164,038	2,579,378	3,858,416	19	0.3	5,904	43	0.1
Dixon	111	4,801,007	129	2,778	1,426,275	262,491	3,447,640	5,624,709	13	0.4	7,917	32	0.2
Duquoin	48	279,945	50	104	44,177	36,902	198,124	359,058	58	(1)	4,353	52	0.1
East St. Louis	183	10,466,412	180	5,642	2,624,749	609,809	28,300,150	33,559,611	3	2.7	29,655	6	0.6
Edwardsville	59	187,414	62	147	70,610	12,005	285,305	457,466	56	(1)	4,157	57	0.1
Elgin	209	8,603,283	238	4,764	2,249,009	450,773	2,953,582	7,161,637	10	0.6	22,433	10	0.5
Evanston	126	1,564,305	150	775	430,529	91,894	750,894	1,831,501	33	0.1	19,259	13	0.4
Freeport	167	2,262,630	214	1,679	748,493	298,972	1,575,780	3,348,448	24	0.3	13,258	22	0.3
Galena	91	390,171	112	276	89,751	50,216	219,460	462,700	55	(1)	5,005	50	0.1
Galesburg	177	1,499,216	214	1,478	719,605	96,191	884,119	2,170,557	29	0.2	18,607	14	0.4
Harvey	55	2,582,255	58	1,581	714,940	132,428	1,318,415	2,812,592	26	0.2	5,395	46	0.1
Hillsboro	27	75,900	32	53	17,788	5,367	45,994	101,429	69	(1)	1,937	70	(1)
Jacksonville	174	1,505,725	221	1,436	596,189	179,043	1,183,606	2,385,547	28	0.2	15,078	18	0.3
Joliet	455	15,452,196	484	6,523	3,957,529	1,718,339	17,891,836	27,765,104	4	2.2	29,353	7	0.6
Kankakee	125	900,730	152	893	377,863	90,126	578,308	1,334,702	40	0.1	13,595	21	0.3
Kewanee	89	2,190,263	92	2,696	1,070,196	84,077	2,895,801	4,468,188	17	0.4	8,382	31	0.2
Lasalle	81	2,095,850	88	1,057	524,261	79,042	2,509,284	3,563,947	22	0.3	10,446	25	0.2
Lemont	44	390,308	47	260	103,597	44,033	89,358	324,162	60	(1)	2,449	68	(1)
Lincoln	88	470,892	116	323	140,597	48,197	287,892	642,375	53	0.1	8,992	29	0.2
Litchfield	54	303,967	65	216	95,558	18,845	99,024	292,278	62	(1)	5,918	42	0.1
Lockport	41	634,098	37	255	113,464	37,053	1,168,118	1,434,046	38	0.1	2,659	66	0.1
Macomb	73	425,871	85	364	142,474	28,417	165,899	465,453	54	(1)	5,375	47	0.1
Mattoon	138	549,525	163	866	386,980	80,556	550,616	1,232,821	43	0.1	9,622	26	0.2
Metropolis	44	259,481	48	243	86,442	16,100	241,357	451,325	57	(1)	4,069	58	0.1
Moline	157	11,165,701	146	4,438	2,289,722	534,861	4,922,344	10,000,282	7	0.8	17,248	16	0.4
Monmouth	101	1,076,184	108	817	386,279	60,020	664,843	1,483,535	37	0.1	7,460	33	0.2
Morris	103	848,765	120	521	162,672	126,896	729,675	1,278,095	41	0.1	4,273	54	0.1
Mt. Carmel	52	249,527	62	213	83,506	9,460	131,125	285,066	63	(1)	4,311	53	0.1
Mt. Vernon	45	409,489	46	334	169,898	17,787	976,524	1,249,744	42	0.1	5,216	43	0.1
Murphysboro	61	504,139	69	392	176,925	92,474	455,635	896,741	47	0.1	6,463	38	0.1
Normal	21	170,695	27	124	45,167	76,378	191,753	349,255	59	(1)	3,795	61	0.1
Ottawa	120	2,783,357	137	1,233	523,599	148,491	855,034	2,042,148	30	0.2	10,588	24	0.2
Pana	66	142,543	78	106	38,788	14,354	93,381	204,018	65	(1)	5,530	45	0.1
Paris	107	466,252	127	420	164,745	82,150	569,131	979,075	46	0.1	6,105	41	0.1
Pekin	118	2,431,244	124	787	384,654	9,458,651	1,929,943	12,268,021	6	1.0	8,420	30	0.2
Peoria	871	27,971,613	911	8,022	3,901,186	25,122,825	14,986,348	48,871,596	2	3.9	56,100	2	1.2
Peru	49	2,277,845	51	1,164	541,197	274,244	1,787,073	3,114,759	25	0.2	6,863	35	0.1
Pontiac	52	367,061	55	437	156,793	27,878	446,827	770,048	50	0.1	4,266	55	0.1
Quincy	421	6,879,846	460	4,509	1,918,452	779,653	4,952,797	9,234,983	8	0.7	36,252	3	0.8
Rock Falls	31	1,073,552	29	448	197,779	81,945	581,826	1,087,775	44	0.1	2,176	69	(1)
Rockford	450	14,126,534	428	6,620	2,765,709	821,352	6,928,941	12,586,116	5	1.0	31,051	5	0.6
Rock Island	181	4,990,386	201	2,386	1,229,044	419,346	3,056,734	5,588,352	14	0.4	19,493	12	0.4
Sandwich	29	907,994	30	278	153,934	106,961	322,000	699,085	52	0.1	2,520	67	(1)
Shelbyville	60	96,294	75	102	30,054	8,574	106,199	203,717	66	(1)	3,546	63	0.1
Springfield	320	5,030,438	368	3,871	1,730,891	631,823	3,290,207	6,612,286	11	0.6	34,159	4	0.7
Spring Valley	32	42,741	36	57	29,439	3,817	59,572	127,804	68	(1)	6,214	40	0.1
Sterling	118	1,065,177	128	704	290,434	102,855	991,892	1,733,144	36	0.1	6,309	39	0.1
Streator	131	1,050,999	137	1,564	772,187	114,894	578,128	1,761,143	35	0.1	14,079	20	0.3
Sycamore	82	503,733	91	425	202,774	39,444	776,875	1,367,655	39	0.1	3,653	62	0.1
Taylorville	60	229,598	69	140	54,316	15,028	149,734	281,702	64	(1)	4,248	56	0.1
Urbana	54	463,115	58	538	260,145	22,480	349,263	728,502	51	0.1	5,728	44	0.1
Waukegan	102	3,143,918	106	1,390	771,386	269,633	2,990,193	4,609,190	16	0.4	9,426	27	0.2
Total for state, exclusive of urban manufactures	10,456	57,493,153	11,746	32,428	13,699,937	3,354,380	53,974,305	89,848,125	------	7.1	2,361,912	------	49.0
Per cent of urban manufactures to total for state	72.7	92.6	71.5	91.8	92.8	97.4	92.7	92.9	------	------	51.0	------	------

[1] Less than one-tenth of 1 per cent.

Of the 38,360 establishments in the state, 27,904, or 72.7 per cent, were located in these 70 cities and towns. They furnished employment to 362,682 wage-earners, or 91.8 per cent of the total number, and the value of their products, $1,169,722,980, formed 92.9 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Aurora, Bloomington, Chicago, Decatur, East St. Louis, Elgin, Joliet, Peoria, Quincy, Rockford, and Springfield by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State	38,360	$776,829,598	$80,855,805	$114,760,460	$206,242,775	$374,970,558	41,191	44,342	$43,337,464	395,110	$191,510,962
2	Adams	544	7,196,667	589,307	1,280,942	1,949,003	3,377,415	600	498	404,824	4,663	1,979,107
3	Alexander	145	2,394,018	555,555	318,038	619,715	900,705	150	124	100,064	1,683	614,535
4	Bond	83	212,987	11,370	41,700	73,953	85,964	97	4	2,100	140	44,627
5	Boone	143	1,889,469	78,094	388,592	535,048	842,735	150	95	95,865	1,221	671,485
6	Brown	61	130,825	11,525	26,070	46,095	47,135	76	3	1,107	84	29,342
7	Bureau	241	467,340	49,085	113,281	163,477	141,547	269	13	6,726	334	133,038
8	Calhoun	37	145,794	10,714	84,966	23,819	76,795	42	9	8,760	87	28,346
9	Carroll	170	459,329	26,002	87,373	139,932	206,022	194	10	7,720	271	121,280
10	Cass	132	566,648	53,090	111,396	122,686	279,476	141	19	15,360	404	143,088
11	Champaign	314	1,184,680	138,892	269,335	382,822	393,581	350	68	52,613	1,218	563,180
12	Christian	203	644,148	88,560	145,647	200,789	209,150	236	16	11,499	352	129,981
13	Clark	125	281,385	46,257	39,975	110,447	84,706	145	4	1,800	181	44,722
14	Clay	64	112,637	14,370	23,277	43,700	31,290	80	1	400	82	34,960
15	Clinton	120	427,063	27,190	87,515	187,091	125,267	129	13	10,640	213	85,680
16	Coles	208	808,601	80,138	170,310	277,357	280,796	248	57	31,180	1,047	462,433
17	Cook	19,998	547,656,448	55,889,573	73,931,179	146,511,289	271,324,407	20,703	35,660	35,100,930	269,748	134,693,897
18	Crawford	88	157,366	16,795	23,680	66,225	50,666	100	2	1,000	86	26,193
19	Cumberland	78	128,847	19,595	24,223	47,835	37,194	96	1	625	62	18,413
20	Dekalb	277	8,686,010	178,136	496,640	857,202	2,154,032	310	155	147,889	1,978	933,808
21	Dewitt	86	231,263	27,566	71,395	52,805	79,997	98	15	12,246	267	125,412
22	Douglas	99	196,014	21,647	53,655	56,067	64,645	106	2	1,000	119	48,874
23	Dupage	214	779,172	86,920	266,368	170,855	255,029	216	33	28,290	502	247,240
24	Edgar	182	652,711	125,702	122,955	194,379	209,675	208	41	31,822	499	191,517
25	Edwards	41	97,263	18,615	17,055	28,331	33,262	57	2	200	40	13,863
26	Effingham	121	384,418	36,535	122,012	107,741	118,130	136	18	10,768	191	69,785
27	Fayette	127	180,844	27,272	31,598	73,841	48,133	141	3	1,325	183	53,290
28	Ford	103	514,405	63,085	106,735	91,965	252,620	113	19	15,254	326	116,971
29	Franklin	48	165,736	13,595	23,815	65,617	62,709	61	10	7,360	108	40,239
30	Fulton	233	5,060,287	244,192	300,232	387,327	4,128,536	288	94	77,309	1,351	530,176
31	Gallatin	54	314,684	115,275	16,155	129,755	53,499	68	9	8,072	179	65,852
32	Greene	125	360,643	33,160	84,890	89,587	153,006	148	21	11,665	264	88,463
33	Grundy	163	917,742	29,390	146,683	169,576	572,093	185	28	50,487	569	184,879
34	Hamilton	48	90,536	8,211	18,875	31,300	32,150	53	7	2,388	61	19,144
35	Hancock	198	500,166	31,265	103,247	165,153	200,501	235	11	8,870	298	102,881
36	Hardin	21	38,987	1,810	6,505	17,265	13,407	28			13	4,762
37	Henderson	50	170,891	6,777	45,534	31,681	86,896	55	13	8,900	110	44,123
38	Henry	258	2,869,126	144,288	447,132	675,486	1,592,220	282	172	156,935	3,056	1,220,709
39	Iroquois	213	692,431	79,455	187,050	155,457	260,469	242	10	8,520	381	141,141
40	Jackson	114	766,168	59,435	189,615	267,590	249,528	136	38	33,933	520	232,663
41	Jasper	75	164,480	23,125	23,365	72,746	35,244	89	2	900	97	29,595
42	Jefferson	85	461,509	12,070	76,955	173,006	199,478	97	16	18,904	427	186,239
43	Jersey	67	168,651	30,905	45,450	38,105	54,191	68	8	4,750	75	31,428
44	Jo Daviess	194	1,036,498	81,475	204,933	228,635	521,455	229	61	42,558	520	173,061
45	Johnson	47	88,765	11,460	12,000	39,710	25,595	59	2	1,100	75	26,136
46	Kane	687	19,454,506	1,797,721	3,492,764	6,405,363	7,758,658	690	687	690,532	11,698	5,263,242
47	Kankakee	223	2,729,068	286,129	608,688	714,465	1,119,836	260	124	132,448	1,683	723,147
48	Kendall	29	162,166	16,670	51,300	51,985	42,211	28	22	11,780	86	43,645
49	Knox	267	2,713,601	332,132	706,815	813,545	861,109	308	170	142,146	2,170	1,026,852
50	Lake	233	4,615,344	290,281	771,311	1,478,857	2,074,895	239	95	132,080	2,466	1,290,234
51	Lasalle	630	11,184,818	1,163,632	2,101,874	2,847,674	5,071,638	684	394	532,319	6,137	2,883,225
52	Lawrence	68	153,482	18,345	14,825	63,260	57,052	87	4	3,994	101	36,692
53	Lee	221	4,997,594	179,960	716,223	891,972	3,209,439	258	144	179,054	2,885	1,478,424
54	Livingston	200	856,332	89,665	195,057	153,862	417,748	234	47	56,124	709	271,867
55	Logan	164	586,982	41,455	96,561	166,330	282,636	214	41	19,867	405	170,590
56	McDonough	190	886,561	76,765	207,992	198,560	353,244	227	56	38,072	687	231,034
57	McHenry	209	1,580,060	106,636	328,010	334,800	780,614	180	143	119,338	823	399,152
58	McLean	399	3,002,155	176,628	475,115	988,833	1,361,579	447	227	163,102	2,414	1,110,410
59	Macon	301	3,738,235	389,700	460,717	878,098	2,009,720	335	273	222,467	2,424	1,031,170
60	Macoupin	192	612,860	47,053	134,663	219,590	211,554	208	17	9,394	269	102,382
61	Madison	413	12,935,947	768,542	2,538,137	3,267,812	6,361,456	422	355	436,124	8,681	3,806,144
62	Marion	141	819,387	56,657	159,520	253,096	350,114	170	33	31,804	739	285,254
63	Marshall	77	288,042	21,700	49,765	120,225	91,352	91	3	1,770	230	91,148
64	Mason	92	378,998	25,521	49,788	106,101	197,588	108	14	11,218	227	81,875
65	Massac	71	329,077	48,060	49,275	103,356	133,386	82	9	8,892	265	93,653
66	Menard	68	132,542	16,395	26,530	38,140	51,477	76	1	600	77	28,916
67	Mercer	129	321,829	111,466	44,520	61,105	104,738	131	22	14,222	298	124,597
68	Monroe	56	353,168	22,925	61,660	81,758	186,825	54	13	13,270	108	48,616
69	Montgomery	172	514,133	55,121	143,531	187,241	128,240	210	16	10,640	328	130,708
70	Morgan	242	1,718,321	88,665	299,791	428,096	901,769	298	149	119,385	1,533	833,920
71	Moultrie	66	112,201	11,350	21,065	33,271	46,515	83	2	1,550	69	27,402
72	Ogle	205	469,582	32,330	104,360	144,990	187,402	233	11	9,110	359	183,536
73	Peoria	1,025	28,513,608	5,224,555	6,205,080	8,460,502	8,623,471	1,082	814	795,400	8,462	4,126,604
74	Perry	97	489,586	31,170	112,000	172,766	173,650	108	33	22,910	209	91,152
75	Piatt	85	232,085	17,195	43,675	52,339	118,876	98	25	15,386	150	49,281
76	Pike	162	456,685	33,340	95,250	156,070	171,525	189	9	4,390	220	79,767

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairs.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
325,713	$172,659,499	58,978	$16,964,974	10,419	$1,886,489	$130,876,818	$9,055,854	$3,299,196	$101,291,059	$17,230,209	$739,754,414	$721,029,759	$18,724,655	$1,259,571,105	1
3,761	1,816,395	785	145,319	127	17,393	799,200	78,815	41,824	643,993	34,568	5,218,202	5,088,220	130,042	9,689,474	2
1,547	591,721	31	8,239	105	14,575	199,676	23,458	11,572	151,700	12,946	2,150,589	2,128,137	22,452	3,539,555	3
80	34,721	42	8,258	13	1,648	19,546	3,420	1,166	14,726	234	213,325	208,680	4,645	388,029	4
1,138	654,604	78	16,416	5	465	131,256	12,326	6,776	96,712	15,442	1,449,944	1,429,734	20,210	2,673,975	5
63	24,822	18	4,061	3	459	7,602	2,821	904	3,045	832	121,752	118,565	3,187	210,424	6
272	120,542	53	11,423	9	1,073	31,198	10,981	2,670	13,509	4,038	422,999	407,264	15,735	829,142	7
74	26,810	5	720	8	816	8,774	379	642	7,753	----------	59,876	46,695	13,181	136,121	8
235	114,220	28	6,315	8	745	19,521	7,036	1,896	10,089	500	506,958	493,480	13,478	815,533	9
846	132,663	28	5,878	30	4,547	32,628	9,950	2,897	19,461	320	580,418	569,214	11,204	912,137	10
1,091	536,511	106	24,864	21	2,305	94,823	24,049	7,257	34,733	28,734	917,195	884,870	32,325	2,003,844	11
309	120,248	35	8,812	8	921	43,349	10,156	3,886	26,883	3,424	893,092	876,775	16,317	754,998	12
99	37,952	25	6,013	7	757	11,713	3,792	1,520	6,286	115	349,218	343,697	5,521	503,637	13
71	32,245	8	2,335	3	380	3,649	1,042	819	1,608	180	111,208	108,931	2,277	210,790	14
203	83,743	8	1,587	2	350	27,006	1,454	1,652	23,900	----------	522,245	510,581	11,664	766,241	15
935	438,408	99	22,293	13	1,782	96,326	15,742	6,685	24,859	49,040	701,365	678,539	22,826	1,554,901	16
217,211	119,991,557	45,412	13,347,830	7,125	1,354,510	81,198,087	7,488,356	2,369,693	55,804,960	15,540,078	546,860,226	535,391,185	11,469,041	905,658,801	17
79	24,773	2	600	5	820	5,190	1,423	1,083	2,684	----------	187,486	182,033	5,453	301,820	18
48	16,092	8	1,484	6	837	5,614	1,721	708	2,505	680	107,361	104,639	2,722	183,083	19
1,783	880,713	154	44,063	41	9,032	328,975	16,537	12,962	287,549	12,127	4,380,499	4,249,037	131,462	6,804,526	20
254	122,178	7	2,256	6	978	12,259	4,807	1,505	4,747	1,200	226,420	219,719	6,701	465,162	21
101	44,392	15	4,254	3	228	12,791	4,423	1,196	7,152	20	124,356	117,311	7,045	280,953	22
476	240,464	17	5,452	9	1,324	65,155	11,258	3,549	31,322	19,026	759,015	732,566	26,449	1,389,943	23
436	179,421	48	10,348	15	1,748	36,455	9,549	3,547	13,579	9,780	685,283	671,323	13,960	1,186,178	24
33	12,331	5	1,262	2	270	2,929	543	1,090	1,287	----------	92,695	91,013	1,682	154,396	25
154	60,950	27	7,900	10	935	15,090	3,447	2,348	9,145	150	266,889	259,588	7,301	510,446	26
153	50,063	21	1,841	9	1,386	5,506	1,971	1,237	2,149	149	181,735	177,655	4,080	377,081	27
285	107,622	30	7,402	11	1,947	27,520	7,503	2,996	16,721	300	399,583	386,378	13,205	756,739	28
97	39,067	7	790	4	382	6,165	434	1,014	4,714	3	211,773	207,745	4,028	319,778	29
1,157	481,492	175	46,653	19	2,031	182,478	19,448	7,965	153,965	1,100	1,007,672	976,771	30,901	2,379,329	30
176	65,373	2	375	1	104	15,893	2,562	1,720	11,611	----------	261,583	258,577	3,006	457,408	31
202	77,754	58	10,255	4	454	29,046	5,403	2,169	18,314	3,160	256,546	235,745	20,801	495,815	32
492	170,037	35	9,364	42	4,978	131,747	9,039	3,439	111,179	8,090	784,643	766,653	17,990	1,394,274	33
53	17,807	7	1,181	1	156	3,643	1,027	717	1,899	----------	123,711	121,276	2,435	196,967	34
255	94,929	37	7,072	6	880	42,102	6,989	3,094	31,499	520	400,072	389,860	10,212	724,449	35
12	4,687	1	125	----------	----------	1,204	60	359	785	----------	64,340	62,778	1,562	84,814	36
100	42,102	6	1,385	4	686	6,512	1,242	1,017	4,253	----------	112,648	110,231	2,417	222,116	37
2,689	1,130,447	234	60,887	133	29,425	140,717	18,466	9,315	111,513	1,423	3,308,464	3,094,381	214,083	5,304,718	38
325	129,201	52	11,182	4	758	31,939	7,292	3,694	19,592	1,361	425,424	399,786	25,638	841,502	39
468	220,102	22	7,650	30	4,911	101,987	8,060	4,806	88,476	645	830,512	814,447	16,065	1,415,548	40
91	28,968	4	425	2	207	7,709	1,479	1,103	5,127	----------	145,705	142,488	3,217	253,757	41
396	179,798	20	4,371	11	2,070	19,453	3,179	1,547	14,547	180	1,065,372	1,060,750	4,622	1,388,863	42
69	29,530	5	1,848	1	50	12,312	3,753	1,095	7,464	----------	73,070	69,187	3,883	169,480	43
408	151,462	97	19,523	15	2,076	69,282	7,919	3,766	56,118	1,479	622,882	604,098	18,784	1,071,353	44
70	25,211	----------	----------	5	925	3,284	1,174	738	1,372	----------	127,208	125,212	2,086	208,154	45
8,395	4,247,406	2,999	971,680	804	44,156	1,110,858	107,908	90,586	890,155	22,209	10,794,901	10,468,459	326,442	21,441,337	46
1,543	690,416	111	28,830	29	3,901	222,617	19,454	10,720	185,712	6,731	1,638,282	1,587,115	51,167	3,808,308	47
85	43,530	----------	----------	1	115	5,997	480	1,025	4,492	----------	147,168	142,352	4,816	255,759	48
1,937	969,718	212	58,980	21	3,204	160,117	35,717	12,199	104,110	8,091	1,276,738	1,126,658	150,080	3,188,452	49
2,277	1,255,592	164	31,401	25	3,241	347,139	18,062	9,605	311,697	12,775	6,138,476	5,820,075	318,401	9,690,851	50
5,427	2,730,121	459	116,353	251	36,751	880,441	61,868	43,613	705,265	69,695	6,585,379	6,080,285	505,144	12,871,592	51
93	35,891	6	1,076	2	225	7,627	2,393	957	3,827	450	176,973	174,841	2,132	317,929	52
2,115	1,106,830	713	357,203	57	9,391	276,724	17,216	8,723	205,489	45,296	3,668,708	3,622,826	45,882	6,018,914	53
563	230,825	127	38,520	19	2,522	53,599	12,108	4,196	32,295	5,000	626,183	600,208	25,975	1,248,887	54
346	155,948	54	14,000	5	642	61,119	15,830	4,483	29,346	11,460	363,553	351,366	12,187	836,035	55
546	213,021	51	12,069	40	5,944	61,523	16,356	4,649	33,264	7,254	409,339	360,896	48,443	965,667	56
730	372,508	82	25,292	11	1,352	122,284	7,298	5,727	108,734	525	2,517,076	2,450,204	66,872	3,808,286	57
2,064	1,041,575	309	62,591	41	6,244	307,601	45,387	17,642	155,901	88,671	2,461,162	2,395,994	65,168	4,776,693	58
2,051	960,695	353	67,794	20	2,681	228,198	47,211	18,392	162,126	469	3,700,763	3,718,780	71,983	6,111,232	59
239	97,467	16	3,220	14	1,695	32,925	8,088	3,204	21,400	233	490,554	475,801	14,753	792,871	60
7,704	3,635,955	536	97,051	441	73,138	696,213	28,749	39,456	626,812	1,696	11,273,366	10,833,373	439,993	18,562,580	61
603	266,239	132	18,298	4	717	30,018	6,418	4,253	18,952	395	899,434	884,147	15,287	1,481,029	62
186	82,402	43	8,594	1	152	15,441	1,983	1,864	12,084	10	260,679	249,177	11,502	407,635	63
198	75,362	31	5,663	3	350	26,967	5,419	1,537	19,583	428	351,644	342,051	9,593	599,777	64
196	80,084	26	6,393	43	7,176	17,346	2,730	1,755	12,331	530	272,570	267,980	4,590	512,369	65
63	26,498	13	2,258	1	160	8,652	2,819	967	3,866	1,000	81,758	79,056	2,702	186,639	66
240	111,123	52	11,279	6	2,195	14,284	4,481	1,600	8,203	----------	170,951	159,393	11,558	462,073	67
107	48,516	----------	----------	1	100	23,603	2,383	1,590	19,620	10	783,482	773,344	10,138	942,799	68
284	121,352	33	7,482	11	1,874	28,779	7,494	2,800	17,675	810	215,472	203,852	11,620	539,226	69
1,231	568,824	257	59,805	45	5,291	197,797	23,921	9,227	111,097	53,552	1,702,591	1,668,306	34,285	3,039,306	70
57	24,873	9	2,254	3	275	5,832	2,167	757	2,857	51	72,475	67,809	4,666	167,428	71
330	177,104	19	4,957	10	1,475	25,041	9,103	3,610	11,828	500	678,429	663,887	14,542	1,165,136	72
7,810	3,842,223	1,087	275,906	65	8,475	25,163,767	210,199	85,891	24,700,610	167,067	15,384,946	14,791,143	593,803	49,730,420	73
189	87,906	18	2,412	7	834	47,363	4,636	2,975	14,552	25,200	568,485	549,253	19,232	830,620	74
119	43,866	27	5,555	4	360	41,157	4,396	1,363	34,063	1,335	106,409	97,374	9,035	300,264	75
191	74,574	23	4,662	6	521	24,482	6,655	2,072	15,505	250	543,700	534,279	9,421	817,899	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
77	Pope	58	$94,291	$14,600	$12,155	$41,409	$26,127	55	1	$1,200	51	$18,262
78	Pulaski	49	599,516	60,762	142,501	174,714	221,539	50	32	55,581	597	221,061
79	Putnam	17	16,695	1,980	2,880	5,525	6,220	18			11	4,485
80	Randolph	140	855,510	61,798	171,144	246,414	376,154	150	45	36,850	291	137,763
81	Richland	75	229,191	17,135	55,808	73,984	82,264	98	6	2,103	168	55,513
82	Rock Island	401	16,603,435	903,369	1,582,344	2,035,260	12,082,462	412	578	600,685	7,034	3,599,118
83	St. Clair	597	15,639,815	1,531,269	2,862,074	3,914,033	7,332,469	642	479	479,102	8,457	3,864,946
84	Saline	49	179,308	20,330	32,140	64,770	62,068	78	3	1,334	89	31,555
85	Sangamon	437	5,699,629	430,344	970,772	1,816,527	2,481,986	497	248	210,267	4,292	1,878,844
86	Schuyler	74	149,592	11,750	30,430	61,447	45,965	91	2	1,020	103	35,236
87	Scott	47	118,264	12,625	33,485	28,865	43,289	54	1	400	56	21,356
88	Shelby	175	318,128	46,830	63,112	113,587	94,599	213	9	2,660	240	76,203
89	Stark	75	111,015	15,110	27,555	31,075	37,275	79	1	400	95	34,104
90	Stephenson	290	2,859,191	207,080	578,415	562,001	1,511,695	326	189	154,220	2,039	906,681
91	Tazewell	230	2,706,925	138,445	357,125	826,834	1,384,521	256	72	84,906	981	461,637
92	Union	65	354,971	53,340	62,200	100,507	138,924	74	32	17,020	241	84,374
93	Vermilion	380	2,758,690	192,990	559,280	738,780	1,267,640	445	83	74,905	1,965	862,725
94	Wabash	67	290,539	24,895	66,725	95,245	103,674	80	5	3,681	222	87,738
95	Warren	159	1,222,018	75,297	277,482	227,754	641,485	173	79	70,887	900	416,284
96	Washington	129	467,578	20,710	95,565	136,195	206,108	148	11	12,165	147	58,118
97	Wayne	98	160,231	18,936	32,965	76,264	32,066	138	7	1,958	158	47,160
98	White	97	327,108	71,807	43,960	101,118	110,223	115	7	5,170	246	90,745
99	Whiteside	280	2,739,984	289,291	489,072	504,984	1,456,587	297	141	147,994	1,521	640,261
100	Will	643	16,592,918	3,228,908	2,183,583	4,435,705	6,744,722	677	458	412,481	6,965	4,157,758
101	Williamson	66	180,253	47,350	26,820	53,175	52,908	87	7	4,247	110	37,354
102	Winnebago	520	14,661,598	2,502,581	3,292,348	3,938,245	4,928,424	489	500	459,617	7,058	2,942,914
103	Woodford	91	285,765	56,081	59,360	62,828	107,496	107	6	3,005	181	52,580

TABLE 7.—MANUFACTURES BY

1	All industries	38,360	$776,829,598	$80,855,805	$114,760,460	$206,242,775	$374,970,558	41,191	44,342	$43,337,464	395,110	$191,510,962
2	Agricultural implements	94	62,202,330	2,420,418	5,063,463	3,181,227	51,537,222	56	4,444	3,419,742	18,231	9,064,954
3	Artificial feathers and flowers	7	16,895	1,000	2,500	4,510	8,885	9	3	2,640	22	8,015
4	Artificial limbs	8	25,800			3,500	22,300	7	15	10,188	23	13,510
5	Artists' materials	7	33,703			14,893	18,900	6	11	9,406	30	14,142
6	Awnings, tents, and sails	48	703,853	132,953	45,500	50,819	474,581	58	73	58,208	518	233,168
7	Axle grease	5	198,398	62,200	29,500	15,400	101,298	4	34	34,230	34	12,831
8	Babbitt metal and solder	9	558,186	53,280	48,871	101,894	354,141	2	40	57,967	135	57,893
9	Bags, other than paper	4	93,500			17,500	76,000	4	17	11,350	106	36,286
10	Bags, paper	5	628,416	120,842	120,843	262,788	123,993	7	19	24,781	159	59,313
11	Baking and yeast powders	17	1,170,328	67,300	174,200	156,840	771,988	13	154	229,252	447	155,483
12	Baskets, and rattan and willow ware	12	153,997	17,875	45,025	39,505	51,592	12	9	7,600	205	87,287
13	Belting and hose, leather	8	639,843	500	500	63,086	575,757	2	93	71,482	231	108,158
14	Bicycle and tricycle repairing	507	373,485	34,630	30,955	143,647	164,253	581	15	6,985	404	188,746
15	Bicycles and tricycles	60	7,694,658	478,407	561,680	2,018,283	4,636,288	31	642	522,477	4,388	2,144,897
16	Billiard tables and materials	5	14,055	5,500	3,375	2,500	2,680	5			8	2,428
17	Blacking	13	92,858	2,500	4,400	9,675	76,278	15	26	22,324	85	25,684
18	Blacksmithing and wheelwrighting	3,545	3,956,624	948,030	1,018,883	727,327	1,262,384	4,025	21	18,608	2,640	1,464,968
19	Bluing	7	10,038	2,000	2,200	1,440	4,398	7	2	600	10	3,471
20	Bookbinding and blank book making	95	759,815	14,200	35,671	320,492	389,452	101	102	112,985	1,329	525,207
21	Boot and shoe cut stock	4	164,705	4,000	16,000	37,505	107,200	4	16	22,966	324	121,632
22	Boot and shoe uppers	5	17,943			1,050	16,893	3	3	2,100	5	3,625
23	Boots and shoes, custom work and repairing	1,756	521,588	93,698	114,282	136,280	177,278	1,720	18	13,747	663	298,160
24	Boots and shoes, factory product	55	5,351,482	101,445	381,098	931,083	3,937,856	61	349	409,362	5,553	2,694,959
25	Bottling	70	259,259	56,700	55,242	32,139	115,178	81	35	32,203	143	61,301
26	Boxes, cigar	17	187,242	8,300	13,002	46,338	119,602	17	29	26,349	352	110,639
27	Boxes, fancy and paper	44	1,494,862	26,824	61,746	490,629	915,663	35	161	159,907	2,477	798,056
28	Boxes, wooden packing	58	2,896,640	470,896	329,693	647,817	1,448,234	54	122	123,586	2,784	1,101,390
29	Brass	3	165,590	800	600	40,150	124,040	3	10	19,600	31	21,775
30	Brass castings and brass finishing	28	801,299	37,636	32,400	233,396	497,867	29	79	87,809	712	362,522
31	Brassware	19	459,548	73,000	92,500	180,013	114,035	12	30	31,675	427	175,412
32	Bread and other bakery products	1,064	7,294,290	903,575	1,550,653	3,106,138	1,728,924	1,157	987	699,691	5,559	2,566,895
33	Brick and tile	566	9,198,944	2,145,974	2,688,093	2,369,067	1,995,810	688	208	217,513	5,224	2,130,854
34	Bridges	17	1,812,329	67,182	159,253	607,884	978,010	15	52	96,688	1,570	823,779
35	Bronze castings	3	45,401			11,038	34,363		10	9,360	93	57,117
36	Brooms and brushes	156	500,915	48,505	74,330	59,588	318,492	162	76	67,220	720	323,623
37	Buttons	14	53,493	525	1,450	14,271	37,247	15	14	7,629	272	101,039
38	Butter, reworking	3	80,000	2,000	10,000	21,500	46,500		16	16,390	94	41,707
39	Calcium lights	3	14,800			2,300	12,500	1	4	3,992	7	4,356
40	Carpentering	2,203	4,509,570	540,493	679,820	595,189	2,694,068	2,492	294	270,389	9,419	5,371,842
41	Carpets, rag	135	108,003	21,660	30,785	29,493	26,065	147	11	7,495	293	118,758
42	Carpets, wood	5	99,145	12,500	3,000	10,800	72,845	7	8	6,426	127	72,708
43	Carriage and wagon materials	26	416,547	21,250	73,129	113,858	208,310	29	43	32,196	366	159,105
44	Carriages and sleds, children's	7	218,485	28,500	61,000	17,185	111,800	4	15	13,141	253	103,169
45	Carriages and wagons	407	9,539,235	1,213,404	1,409,256	794,025	6,122,550	498	340	346,428	4,355	2,210,722

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
47	$17,334	2	$570	2	$358	$2,936	$894	$741	$1,301	----------	$128,691	$126,852	$1,839	$198,535	77
578	217,613	4	1,050	15	2,398	22,926	1,409	3,914	17,603	----------	421,259	415,759	5,500	786,660	78
11	4,485	----------	----------	----------	----------	526	148	82	296	----------	6,386	6,118	268	21,775	79
276	134,517	7	2,140	8	1,106	68,717	2,890	4,233	22,171	$39,423	1,720,684	1,699,911	20,773	2,136,770	80
123	47,307	36	7,631	4	575	14,273	2,877	1,726	9,670	----------	276,580	267,417	9,163	424,454	81
6,747	3,528,931	211	57,009	76	13,178	965,411	44,034	75,849	748,504	97,024	8,167,936	7,930,105	237,831	15,907,321	82
7,839	3,721,041	224	55,930	394	87,975	1,780,807	53,507	51,561	1,466,119	209,620	33,271,177	32,912,145	359,032	41,965,632	83
85	30,973	1	200	3	382	12,224	2,697	1,174	8,003	350	380,465	375,353	5,112	541,861	84
3,773	1,756,872	475	115,185	44	6,787	676,501	65,931	27,151	452,575	130,844	3,663,459	3,517,248	146,211	7,319,907	85
86	31,721	14	3,155	3	360	11,251	3,878	1,133	4,745	1,500	118,810	113,700	5,110	230,877	86
45	19,028	8	1,990	3	338	5,417	2,262	707	2,448	----------	93,637	90,756	2,881	154,395	87
207	71,005	20	3,735	13	1,463	17,559	5,517	2,191	8,778	1,073	281,197	270,524	10,673	521,469	88
86	32,088	7	1,710	2	306	12,000	2,568	727	4,628	4,077	65,515	61,928	3,587	166,173	89
1,906	873,969	111	29,289	22	3,423	335,748	36,590	12,109	239,253	47,796	2,210,089	2,144,686	65,403	4,374,640	90
932	450,700	38	9,012	11	1,925	9,476,429	15,249	7,775	9,422,041	31,364	2,051,735	1,974,373	77,362	12,576,938	91
169	67,952	63	14,990	9	1,432	19,807	3,084	3,381	12,806	536	298,707	292,966	5,741	510,028	92
1,618	783,748	266	65,878	81	13,099	177,623	39,712	13,640	104,611	19,660	2,549,701	2,491,341	58,360	4,468,212	93
215	86,423	6	1,210	1	75	10,187	2,357	1,677	5,303	850	181,648	176,530	5,118	352,592	94
826	394,666	62	20,178	12	1,440	68,652	12,053	4,600	51,799	200	727,719	665,868	61,851	1,634,208	95
124	54,343	20	3,585	3	190	21,094	2,463	2,513	16,052	66	737,387	726,243	11,144	974,729	96
132	43,460	21	2,835	5	865	8,487	2,493	1,226	4,343	425	191,609	187,634	3,975	346,372	97
239	88,980	7	1,765	----------	----------	14,518	3,135	2,133	9,204	46	251,363	243,586	7,777	490,756	98
1,399	614,115	100	22,950	22	3,196	217,330	22,874	13,153	160,280	21,023	2,305,879	2,233,561	72,318	3,952,008	99
6,688	4,095,104	230	52,608	47	10,016	1,777,755	59,581	79,548	1,363,455	275,171	19,453,117	17,525,785	1,927,332	29,875,500	100
97	35,329	8	1,550	5	475	8,074	2,304	1,047	4,723	----------	252,175	248,092	4,083	376,342	101
5,617	2,607,078	1,208	300,273	233	35,563	846,184	78,805	45,294	656,772	65,313	7,586,143	7,288,588	297,555	13,606,033	102
147	48,700	15	1,727	19	2,153	11,069	3,333	1,832	5,590	314	98,101	86,687	11,414	243,746	103

SPECIFIED INDUSTRIES: 1900.

325,718	$172,659,499	58,978	$16,964,974	10,419	$1,886,489	$130,876,318	$9,055,854	$3,299,196	$101,291,059	$17,230,209	$759,754,414	$721,029,759	$18,724,655	$1,259,571,105	1
18,030	9,021,597	93	30,407	108	12,950	5,346,224	9,672	158,179	5,176,360	2,013	18,859,517	18,247,556	611,961	42,033,796	2
6	2,760	16	5,255	----------	----------	4,107	1,981	56	2,067	----------	23,826	23,624	202	51,320	3
23	13,610	----------	----------	----------	----------	14,313	3,230	40	11,043	----------	11,180	10,957	223	80,387	4
24	12,380	3	1,162	3	600	7,848	3,260	51	4,537	----------	35,011	33,250	1,761	98,413	5
266	161,147	251	71,881	1	140	55,488	19,505	2,291	33,632	60	874,385	866,330	8,055	1,385,050	6
31	11,871	3	960	----------	----------	13,410	545	1,296	11,569	----------	120,187	118,651	1,536	241,396	7
135	67,893	----------	----------	----------	----------	28,084	3,734	3,468	21,482	----------	1,261,760	1,247,216	14,544	1,520,657	8
44	20,540	58	14,996	4	750	10,895	7,060	715	3,120	----------	369,125	368,310	815	547,190	9
79	41,251	79	17,762	1	300	15,430	2,624	2,336	10,470	----------	332,761	329,574	3,187	488,202	10
189	92,439	251	62,108	7	936	573,693	13,245	5,546	554,902	----------	1,288,138	1,277,722	10,416	3,346,627	11
166	79,479	22	4,952	17	2,856	8,936	1,065	1,021	6,850	----------	61,750	61,438	312	205,762	12
216	104,958	5	1,500	10	1,700	83,901	15,900	2,505	65,496	----------	892,835	883,832	9,003	1,360,788	13
389	186,446	2	334	13	1,966	90,617	73,483	1,771	13,050	2,313	420,806	408,667	12,139	1,105,637	14
4,143	2,078,334	104	38,276	141	28,287	630,442	94,453	23,370	496,719	15,900	4,836,585	4,727,215	109,370	8,960,421	15
5	1,756	3	672	----------	----------	854	432	59	363	----------	4,635	4,290	345	14,650	16
27	12,696	49	11,168	9	1,820	51,517	5,392	242	45,883	----------	143,490	142,335	1,155	332,381	17
2,621	1,462,104	----------	----------	19	2,864	325,583	231,339	26,620	59,005	8,119	1,874,417	1,745,652	128,765	6,680,704	18
8	2,891	2	580	----------	----------	1,192	666	80	446	----------	5,382	5,000	382	15,675	19
644	337,527	617	176,385	68	11,295	126,172	57,436	3,434	45,202	20,100	881,741	868,465	13,276	1,971,133	20
218	92,872	90	26,848	16	1,912	24,816	6,340	1,196	17,280	----------	795,588	793,268	2,270	1,082,552	21
4	3,205	1	420	----------	----------	1,901	801	126	974	----------	29,599	29,438	161	40,985	22
653	295,917	2	1,178	8	1,065	170,216	146,402	3,350	19,024	1,440	526,198	506,440	19,758	1,838,846	23
3,484	1,872,402	1,836	783,949	233	38,608	444,774	52,418	15,268	326,050	51,038	7,306,025	7,267,885	38,140	11,484,842	24
122	57,273	18	3,638	3	390	42,507	12,849	2,266	27,392	----------	393,252	387,279	5,973	647,531	25
127	53,570	187	50,628	38	6,441	21,230	10,030	1,234	9,966	----------	221,220	217,209	4,011	470,050	26
736	370,485	1,568	401,019	173	26,552	146,950	80,462	5,199	61,289	----------	1,453,161	1,431,393	21,768	2,990,799	27
2,485	1,032,267	84	18,910	215	50,213	179,261	46,534	15,592	116,802	333	2,916,101	2,902,749	13,352	4,858,580	28
31	21,775	----------	----------	----------	----------	18,302	3,300	123	14,879	----------	578,663	573,483	5,180	675,045	29
699	359,010	8	3,000	5	512	63,299	20,114	3,267	39,918	----------	988,414	963,772	24,642	1,699,060	30
400	169,788	24	5,042	3	582	30,969	9,310	1,185	18,974	1,500	234,209	225,334	8,875	596,427	31
4,135	2,235,587	1,159	289,258	265	42,050	1,394,799	301,580	40,878	1,050,533	1,808	8,193,002	7,929,632	263,370	15,878,861	32
5,111	2,113,241	----------	----------	113	17,613	326,909	17,036	36,648	253,828	14,397	1,025,681	177,174	848,507	5,081,394	33
1,554	820,860	----------	----------	16	2,919	101,791	1,345	6,602	90,444	3,400	2,107,121	2,058,737	48,384	3,737,559	34
93	57,117	----------	----------	----------	----------	6,189	2,800	189	3,200	----------	146,286	142,299	3,987	305,250	35
551	276,617	146	43,377	23	3,629	54,031	12,107	2,816	23,078	16,030	710,647	706,023	4,524	1,452,942	36
210	86,174	48	11,302	14	3,563	11,329	3,487	95	7,747	----------	66,213	63,660	2,553	242,444	37
88	39,745	8	1,650	3	312	22,441	4,700	772	16,969	----------	596,217	584,600	11,617	1,275,108	38
7	4,356	----------	----------	----------	----------	3,638	1,540	73	1,525	500	9,157	8,857	300	33,500	39
2,382	5,362,673	19	5,020	18	3,649	2,918,031	121,546	21,759	216,780	2,557,996	12,171,637	12,135,903	35,734	25,226,741	40
225	103,622	53	12,840	15	2,296	20,693	13,196	597	6,831	69	56,548	53,164	3,379	309,012	41
126	72,500	----------	----------	1	208	15,303	1,244	430	13,629	----------	111,962	110,762	1,200	248,451	42
349	156,304	3	750	14	2,051	47,339	3,327	2,300	41,697	15	350,835	342,706	8,129	726,282	43
230	98,100	21	4,719	2	350	36,810	1,222	1,452	34,136	----------	183,024	181,138	1,886	406,933	44
4,270	2,181,092	54	22,475	31	7,155	532,635	122,125	51,283	352,625	6,602	4,360,269	4,275,791	84,478	9,210,379	45

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
46	Cars and general shop construction and repairs by steam railroad companies.	98	$11,726,424	$2,106,841	$3,617,599	$2,214,121	$3,787,863	-------	618	$568,702	13,803	$7,422,527
47	Cars and general shop construction and repairs by street railroad companies.	12	736,168	255,270	305,600	109,281	66,017	-------	29	31,751	885	509,419
48	Cars, steam railroad, not including operations of railroad companies.	17	18,732,466	795,701	2,563,284	3,475,151	11,898,330	-------	279	330,409	9,314	5,360,756
49	Cheese and butter, urban dairy products.	7	4,414	-------	-------	2,914	1,500	6	1	800	3	990
50	Cheese, butter, and condensed milk, factory product.	527	4,465,752	224,494	1,394,116	1,559,197	1,287,945	394	220	136,463	1,483	696,688
51	Chemicals	26	2,384,062	449,938	299,569	887,849	746,706	13	96	119,028	579	309,286
52	China decorating	10	10,460	-------	-------	6,375	4,085	11	-------	-------	18	9,602
53	Cleansing and polishing preparations	24	50,900	4,050	3,400	9,880	33,570	22	19	23,239	36	17,339
54	Clocks	7	188,422	5,000	23,000	31,446	128,976	6	33	27,152	247	112,368
55	Cloth, sponging and refinishing	5	13,450	-------	-------	6,000	7,450	4	6	6,932	54	28,946
56	Clothing, men's, custom work and repairing.	2,345	5,564,685	373,622	410,538	340,021	4,440,504	2,590	841	618,227	7,963	4,199,245
57	Clothing, men's, factory product	900	13,684,712	364,735	558,075	451,695	12,310,207	1,059	1,708	1,835,508	14,977	5,845,254
58	Clothing, men's, factory product, buttonholes.	17	14,515	4,275	6,800	2,955	485	16	-------	-------	44	15,092
59	Clothing, women's, dressmaking	2,152	1,163,638	124,127	137,433	204,231	697,847	2,288	108	95,776	5,721	1,853,189
60	Clothing, women's, factory product	169	2,946,454	20,500	28,600	222,711	2,674,643	218	559	603,004	4,402	1,492,295
61	Coffee and spice, roasting and grinding	27	5,225,103	221,500	196,000	317,431	4,490,172	19	535	564,276	930	372,737
62	Coffins, burial cases, and undertakers' goods.	13	680,576	92,500	160,973	51,954	375,149	10	72	79,282	493	242,373
63	Confectionery	201	2,744,583	186,657	166,990	785,952	1,604,984	235	512	385,509	3,567	1,056,832
64	Cooperage	141	2,753,540	466,792	341,693	599,497	1,345,558	145	95	113,703	2,891	1,239,407
65	Cordials and sirups	4	246,612	20,000	20,000	15,050	191,562	4	26	32,055	82	25,189
66	Cork, cutting	5	72,049	-------	-------	8,599	63,450	3	13	17,700	114	38,378
67	Corsets	18	531,545	8,450	66,600	73,697	382,798	20	43	35,030	1,095	274,192
68	Cutlery and edge tools	3	371,583	68,750	50,380	108,243	144,210	1	17	18,975	350	114,110
69	Dentists' materials	10	152,129	500	400	38,300	112,929	10	8	8,862	108	41,017
70	Druggists' preparations, not including prescriptions.	16	659,299	29,000	53,606	89,603	487,090	11	129	108,057	294	90,606
71	Dyeing and cleaning	174	610,333	155,350	180,000	121,579	153,909	188	45	36,688	679	311,905
72	Dyeing and finishing textiles	4	113,694	7,500	42,000	50,800	13,394	2	7	6,700	84	27,878
73	Electrical apparatus and supplies	82	11,641,177	935,189	1,270,721	1,338,780	8,096,487	61	1,142	637,933	6,048	2,818,274
74	Electrical construction and repairs	83	567,420	40,166	55,800	41,895	429,559	100	54	59,586	609	313,103
75	Electroplating	40	95,382	-------	350	62,747	32,285	50	20	20,453	337	146,991
76	Emery wheels	5	49,700	-------	-------	13,200	36,500	2	14	11,620	37	15,680
77	Enameling and enameled goods	16	1,918,810	105,150	430,100	564,600	818,460	19	59	66,834	2,230	566,082
78	Engraving and diesinking	44	93,184	2,500	9,000	53,870	27,814	51	9	8,072	117	63,446
79	Engraving, steel, including plate printing.	26	568,426	-------	250,000	200,099	108,327	22	42	40,806	335	189,406
80	Engraving, wood	17	23,591	-------	-------	6,729	16,862	20	13	16,106	86	49,710
81	Envelopes	8	378,650	2,500	26,000	123,350	226,800	6	25	35,399	339	95,999
82	Explosives	3	493,566	32,474	52,240	124,443	284,409	-------	14	14,133	71	32,064
83	Fancy articles, not elsewhere specified	41	368,050	17,900	45,000	96,235	208,915	45	96	66,515	468	174,527
84	Fertilizers	5	1,632,505	200,200	213,200	84,810	1,134,295	4	52	74,960	337	172,250
85	Files	3	53,908	4,160	5,000	15,035	29,713	2	2	1,630	63	22,608
86	Fireworks	3	54,000	12,500	12,300	6,500	22,700	2	7	9,200	65	22,973
87	Fish, canning and preserving	4	2,655	475	750	330	1,100	4	-------	-------	5	2,642
88	Flags and banners	3	18,325	-------	-------	2,300	16,025	2	9	9,065	29	7,950
89	Flavoring extracts	36	721,668	3,000	9,500	60,610	648,558	30	114	132,172	228	76,355
90	Flouring and grist mill products	371	12,062,626	1,016,422	2,457,192	3,887,102	4,701,910	1,050	367	361,021	2,111	1,098,006
91	Food preparations	59	1,802,605	107,800	466,550	459,867	768,388	58	189	109,712	720	333,227
92	Foundry and machine shop products	758	51,870,701	6,148,291	7,631,764	11,935,020	26,155,626	628	3,119	3,477,712	31,851	16,881,423
93	Fruits and vegetables, canning and preserving.	61	1,551,977	72,077	221,647	869,810	888,443	51	99	101,515	1,444	392,636
94	Fur goods	60	784,726	600	200	22,952	760,974	59	86	81,338	767	348,493
95	Furnishing goods, men's	33	998,138	-------	-------	45,598	952,540	43	151	132,959	1,750	533,359
96	Furniture, cabinetmaking, repairing, and upholstering.	473	1,017,498	89,705	222,473	111,672	593,648	527	57	64,028	1,132	576,732
97	Furniture, factory product	148	10,170,833	1,036,432	1,896,151	1,213,188	6,025,062	121	851	865,699	9,757	4,449,932
98	Furs, dressed	6	51,430	11,200	29,500	7,635	3,095	7	1	500	44	22,500
99	Galvanizing	3	229,700	42,000	10,000	6,900	170,800	3	5	2,031	22	10,050
100	Gas and lamp fixtures	28	565,464	500	3,500	130,111	431,353	24	103	98,775	420	205,746
101	Gas, illuminating and heating	53	76,816,408	2,915,496	5,391,110	66,210,918	2,298,884	-------	827	769,514	2,371	1,305,670
102	Gas machines and meters	4	49,633	-------	-------	8,800	40,833	2	5	3,390	30	22,470
103	Glass	6	2,181,801	66,657	524,764	118,289	1,472,091	1	75	110,100	3,304	1,621,286
104	Glass, cutting, staining, and ornamenting.	40	421,875	2,450	8,000	69,107	347,318	42	125	144,850	511	259,224
105	Gloves and mittens	25	790,669	55,760	82,088	98,633	554,198	23	108	93,782	1,779	660,081
106	Glucose	6	31,978,783	9,453,802	9,785,299	10,069,083	2,670,599	-------	117	226,659	2,680	1,423,805
107	Gold and silver, leaf and foil	5	41,300	6,200	9,200	8,750	17,150	5	2	884	94	43,656
108	Gold and silver, reducing and refining, not from the ore.	5	180,821	9,000	13,000	18,221	140,600	5	15	17,806	30	15,220
109	Grease and tallow	22	672,862	156,659	114,352	121,871	279,980	25	59	52,870	301	174,764
110	Hairwork	60	75,314	4,300	5,200	6,847	58,967	64	10	5,528	140	43,518
111	Hand knit goods	13	19,200	-------	-------	8,325	10,875	12	-------	-------	27	12,907

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
13,766	$7,409,512	34	$12,293	3	$722	$267,497	$8,601	$84,826	$172,683	$1,387	$8,286,776	$8,083,373	$203,403	$16,580,424	46
881	508,219	4	1,200			30,587	1,800	18,814	9,973		531,805	521,054	10,751	1,115,846	47
9,171	5,325,964	50	15,041	93	19,751	483,271	4,021	38,899	436,717	3,634	17,075,461	16,771,984	303,477	24,845,606	48
3	990					974	594	30	350		19,931	19,639	292	26,494	49
1,136	599,622	318	92,035	29	5,031	177,417	10,986	21,981	142,145	2,305	10,199,429	9,993,698	205,731	12,879,299	50
513	293,006	48	13,187	18	3,093	90,293	11,100	7,113	72,080		1,175,571	1,094,215	81,356	2,085,625	51
12	7,866	6	1,736			2,880	2,322	31	527		4,608	3,854	754	27,697	52
29	15,194	3	751	4	1,394	20,567	6,901	194	13,472		51,130	49,930	1,200	175,237	53
156	81,568	73	27,045	18	4,255	42,744	4,461	811	34,344	3,128	151,549	150,136	1,413	369,766	54
49	28,114			5	832	7,125	5,520	35	1,570		1,777	1,337	440	55,443	55
6,014	3,613,324	1,815	563,040	134	22,881	2,640,430	696,289	27,478	566,323	1,350,340	7,244,488	7,176,588	67,900	19,348,426	56
5,094	3,007,804	9,105	2,713,585	778	123,865	7,065,130	458,998	62,591	1,513,221	5,030,320	18,211,015	18,103,267	107,748	37,378,717	57
29	11,962	9	2,153	6	977	2,105	1,377	112	616		4,097	3,733	364	32,489	58
455	334,155	5,213	1,511,406	53	7,628	421,278	340,563	5,462	67,664	7,589	1,895,562	1,855,211	40,351	6,242,413	59
915	596,797	3,441	889,045	46	6,453	1,143,662	166,589	12,507	342,498	622,068	5,019,054	4,997,858	21,196	9,774,774	60
659	309,346	267	62,545	4	846	686,247	71,429	21,884	523,855	69,079	10,007,095	9,952,341	54,754	12,708,074	61
376	209,523	117	32,850			40,761	11,742	8,495	20,524		725,398	717,528	7,870	1,242,157	62
1,612	661,221	1,605	347,955	350	44,656	711,931	177,057	10,576	523,066	1,232	4,540,409	4,457,261	83,148	7,921,810	63
2,833	1,231,088	4	1,760	54	6,559	139,704	12,905	13,531	95,918	17,350	3,760,921	3,724,280	36,641	5,949,080	64
46	17,445	36	7,744			24,669	5,323	654	18,692		416,425	414,960	1,465	630,623	65
50	25,296	32	7,990	32	5,092	12,001	6,620	765	4,616		109,678	108,463	1,215	207,465	66
93	60,140	896	200,077	106	13,975	93,110	9,826	1,066	81,698	520	462,566	456,282	6,284	1,005,327	67
244	80,200	31	10,730	75	23,180	61,154	120	582	60,452		127,090	120,648	6,442	357,477	68
54	32,991	31	6,031	23	1,995	8,606	4,860	156	3,310	280	72,920	71,167	1,753	179,261	69
159	61,031	134	29,375	1	200	94,498	10,731	2,330	81,437		421,280	414,404	6,876	875,228	70
429	227,260	232	81,938	18	2,708	101,476	52,312	5,638	36,276	7,250	126,669	99,610	27,059	888,260	71
69	24,129	10	2,925	5	824	5,913	900	284	4,729		32,523	24,977	7,546	86,960	72
4,699	2,440,344	1,246	356,927	103	21,003	1,565,404	74,764	54,970	1,385,489	50,181	4,675,961	4,547,674	128,287	12,169,425	73
602	311,309	2	600	5	1,194	142,116	20,697	1,882	52,849	66,688	673,433	669,463	3,970	1,552,099	74
303	139,927	5	1,840	29	5,224	26,099	18,373	430	5,896	1,400	59,474	52,190	7,284	336,985	75
37	15,680					6,275	2,170	260	2,345	1,500	27,970	27,165	805	78,200	76
1,621	452,191	441	88,335	168	25,556	141,198	3,346	4,633	133,219		1,207,405	1,143,207	64,198	2,219,642	77
101	60,402	6	1,644	10	1,400	15,752	10,598	383	2,821	1,950	28,862	27,063	1,799	193,925	78
192	145,600	122	39,420	21	4,386	40,926	17,993	5,405	16,555	973	90,338	86,769	3,569	503,264	79
77	47,700			9	2,010	6,242	4,380	82	1,495	285	17,223	17,065	158	127,224	80
92	51,311	224	40,696	23	3,992	14,822	6,760	769	7,293		375,170	373,000	2,170	570,647	81
71	32,064					15,007		1,081	13,926		143,937	140,361	3,576	289,735	82
234	121,386	148	39,026	86	14,115	90,527	18,598	1,435	63,758	11,736	424,865	419,349	5,516	905,472	83
287	154,250	50	18,000			84,997	40	2,833	82,124		1,005,731	957,541	48,190	1,855,160	84
58	21,608			5	1,000	3,511	848	263	2,400		13,165	11,850	1,315	62,920	85
32	14,973	25	7,100	8	900	5,210	1,000	610	3,600		27,735	27,515	220	76,875	86
5	2,642					526	110	13	403		3,195	2,950	245	8,900	87
4	1,800	24	6,000	1	150	3,265	1,510	5	1,500	250	19,265	19,000	265	47,100	88
100	45,797	118	28,712	10	1,846	99,895	23,102	2,677	72,116	2,000	635,776	628,935	6,841	1,176,366	89
2,104	1,096,454	1	300	6	1,252	560,980	48,257	69,258	443,465		26,848,791	26,546,075	302,716	31,006,294	90
514	293,686	167	33,460	39	6,081	252,197	25,154	10,261	216,782		3,145,441	3,110,843	34,598	4,288,762	91
31,026	16,655,348	394	121,018	431	105,057	4,631,669	475,553	233,929	3,496,081	426,106	28,603,391	27,492,110	1,111,281	63,878,352	92
815	278,626	582	108,182	47	5,828	295,558	32,313	8,413	253,332	1,500	2,447,194	2,423,099	24,095	3,730,080	93
321	200,391	434	146,150	12	1,952	235,036	47,009	4,009	137,037	46,981	1,322,102	1,318,113	3,989	2,456,580	94
133	91,887	1,519	427,097	98	14,875	163,299	36,514	4,790	119,395	2,600	2,066,450	2,058,421	8,029	3,365,281	95
1,004	540,138	104	31,890	24	4,704	196,905	103,142	8,109	68,680	16,974	1,020,403	1,006,500	13,903	2,595,523	96
9,353	4,359,514	71	19,647	333	70,771	1,027,409	154,197	60,166	684,545	128,501	6,715,316	6,581,815	133,501	15,285,475	97
44	22,500					1,585	85	235	1,265		5,435	4,555	880	39,350	98
22	10,050					2,743	1,300	78	1,365		72,160	70,130	2,030	100,825	99
303	172,197	115	32,974	2	575	98,598	27,590	1,250	67,353	2,400	380,031	370,596	9,435	987,005	100
2,371	1,305,670					1,046,945	2,127	404,568	640,250		1,990,547	1,869,852	120,695	8,774,058	101
29	22,320			1	150	3,480	1,568	50	1,862		52,600	51,855	745	93,803	102
2,607	1,496,891	148	28,456	549	95,939	210,588		9,556	201,032		674,008	518,608	155,400	2,834,398	103
456	241,678	39	14,457	16	3,089	156,376	32,213	2,484	38,638	83,041	457,467	444,459	13,008	1,158,338	104
743	343,622	943	304,130	93	12,329	69,490	8,310	3,731	57,324	125	1,234,364	1,227,162	7,202	2,484,252	105
2,658	1,412,855	22	10,950			527,061		43,162	483,899		12,988,845	12,194,403	794,442	18,122,814	106
49	31,536	45	12,120			4,867	504	283	3,580		101,400	100,625	775	178,460	107
30	15,220					14,348	2,140	278	11,930		1,009,351	1,005,312	4,039	1,076,803	108
297	174,034	3	579	1	151	65,778	1,244	5,431	58,409	694	1,639,090	1,613,549	25,541	2,029,590	109
11	5,908	128	37,360	1	250	24,156	19,265	240	4,291	360	101,821	100,361	1,460	243,324	110
6	5,650	21	7,257			3,201	2,411	86	704		25,223	24,865	358	59,149	111

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
112	Hand stamps	26	$128,200			$77,697	$50,503	21	23	$20,234	132	$62,458
113	Hardware	54	3,123,065	$237,220	$455,617	824,384	1,605,844	41	199	286,343	1,965	866,662
114	Hardware, saddlery	3	44,900		1,400	4,000	39,500	2	11	8,900	51	19,300
115	Hats and caps, not including fur hats and wool hats.	48	321,489	5,700	5,300	71,936	238,553	48	44	36,654	429	213,642
116	Hosiery and knit goods	14	1,530,990	28,200	167,887	521,250	814,153	6	46	66,720	1,805	494,285
117	House furnishing goods, not elsewhere specified.	20	589,608	16,700	34,300	104,346	434,262	24	62	69,572	268	110,728
118	Ice, artificial	29	1,689,253	114,330	335,018	1,036,878	202,427	22	92	75,210	624	303,317
119	Ink, printing	7	99,958	8,000	2,000	17,315	72,643	7	14	9,115	15	8,645
120	Ink, writing	6	39,080	1,000	300	4,575	33,205	4	12	13,868	22	9,534
121	Instruments, professional and scientific	29	255,345			71,904	183,441	34	45	36,514	255	146,776
122	Iron and steel	26	43,275,739	8,151,784	6,196,416	14,473,610	14,453,929	3	780	926,091	16,642	9,840,716
123	Iron and steel, doors and shutters	4	63,758			6,850	56,908		9	11,522	45	31,206
124	Iron and steel, forgings	9	1,223,904	184,127	106,445	444,897	488,435	6	46	59,648	637	379,333
125	Iron and steel, nails and spikes, cut and wrought, including wire nails.	11	2,990,623	202,500	227,581	1,008,433	1,552,109	10	45	47,006	1,182	650,622
126	Ironwork, architectural and ornamental.	82	4,032,992	700,795	589,356	885,369	1,857,472	73	210	248,537	2,824	1,569,392
127	Japanning	5	8,700			4,800	3,900	8	1	1,200	42	18,620
128	Jewelry	31	754,122			75,150	678,972	37	76	81,815	484	341,266
129	Jewelry and instrument cases	8	47,187	1,000	1,000	14,368	30,819	8	6	4,970	103	33,334
130	Kaolin and other earth grinding	3	2,504,872	659,219	428,000	394,879	1,022,774		12	7,672	29	15,504
131	Kindling wood	3	12,050		600	1,325	10,125	4			28	11,762
132	Labels and tags	5	62,669	50	75	37,771	24,773	3	13	11,909	54	17,329
133	Lamps and reflectors	28	234,240	1,000	15,250	64,647	153,343	26	68	55,235	214	117,488
134	Lapidary work	4	56,200			7,200	49,000	4	2	1,616	20	11,962
135	Lead, bar, pipe, and sheet	3	801,668	80,000	85,000	295,000	341,668		24	42,929	185	87,618
136	Leather goods	25	416,631	5,800	6,300	68,714	335,817	28	63	66,245	669	233,090
137	Leather, tanned, curried, and finished	27	4,751,474	208,918	374,062	451,605	3,716,889	24	86	176,646	2,203	1,145,170
138	Lime and cement	32	2,280,332	803,762	332,935	675,687	467,948	21	73	80,209	690	320,577
139	Liquors, distilled	20	3,164,511	192,936	555,573	1,733,352	682,950	6	58	104,518	338	191,995
140	Liquors, malt	94	32,798,080	6,244,880	9,255,270	6,579,129	10,718,801	47	578	1,040,689	3,269	2,059,792
141	Liquors, vinous	8	19,146	1,550	4,950	2,100	10,486	9			6	906
142	Lithographing and engraving	23	810,555	13,015	15,010	331,875	450,655	17	79	104,867	627	390,344
143	Lock and gun smithing	133	112,651	28,475	13,475	31,521	39,180	151	5	3,784	91	44,103
144	Looking-glass and picture frames	142	1,466,177	73,931	154,100	292,438	945,708	159	385	320,593	2,273	854,187
145	Lumber and timber products	837	5,246,277	1,110,062	270,000	1,400,171	2,466,044	1,106	135	114,784	3,526	1,343,640
146	Lumber, planing mill products, including sash, doors, and blinds.	240	6,550,568	988,081	1,075,772	1,285,914	3,200,801	275	423	405,172	5,122	2,576,159
147	Malt	14	16,800,974	4,498,140	7,480,480	1,461,000	3,361,354	11	45	111,249	393	300,132
148	Marble and stone work	135	3,745,400	1,644,015	409,076	919,638	772,671	145	185	219,456	2,504	1,254,122
149	Masonry, brick and stone	584	3,119,868	155,815	196,990	537,134	2,229,929	721	219	250,122	8,057	4,675,681
150	Mattresses and spring beds	69	651,512	115,375	91,450	86,720	357,967	80	92	70,294	702	317,942
151	Millinery and lace goods	26	515,521	14,700	15,200	84,321	401,300	27	148	135,386	1,517	396,003
152	Millinery, custom work	1,372	1,768,519	169,570	234,293	107,278	1,207,378	1,588	271	128,930	2,746	769,185
153	Mineral and soda waters	182	992,276	94,227	137,860	387,277	372,912	205	84	71,167	717	354,534
154	Mirrors	9	430,408	24,100	52,100	54,865	299,343	4	47	49,704	300	145,458
155	Models and patterns	60	252,420	50,300	11,500	74,535	116,085	69	8	7,310	271	158,139
156	Monuments and tombstones	212	1,167,903	212,920	154,933	80,978	719,072	263	100	70,175	619	335,334
157	Mucilage and paste	8	157,600	4,000	7,000	21,800	124,800	4	36	39,730	80	26,707
158	Musical instruments and materials, not specified.	27	350,061	5,600	6,200	69,020	269,241	25	24	20,267	480	216,367
159	Musical instruments, organs and materials.	16	807,698	34,100	88,524	86,355	598,719	15	50	52,440	817	337,099
160	Musical instruments, pianos and materials.	29	10,358,402	581,262	1,061,130	522,912	8,193,098	18	339	433,471	3,853	2,054,596
161	Nets and seines	3	148,500			106,200	42,300	1	10	18,500	87	24,636
162	Oil, linseed	9	4,184,483	933,214	525,619	758,512	1,967,088	2	58	84,866	279	159,439
163	Oil, not elsewhere specified	14	182,816	7,100	10,050	13,481	152,185	11	35	37,650	43	25,170
164	Oleomargarine	7	1,131,835	40,674	165,686	150,236	775,239	3	120	110,784	528	273,084
165	Optical goods	15	112,956	200	200	25,999	86,557	18	16	10,802	150	70,261
166	Painting, house, sign, etc	1,660	2,260,965	279,992	350,480	422,194	1,208,299	1,911	229	176,847	5,008	3,049,067
167	Paints	33	3,387,850	379,442	228,439	436,939	2,343,030	8	347	460,379	702	348,674
168	Paper and wood pulp	15	1,554,858	105,985	264,877	550,762	633,234	6	35	37,370	623	250,303
169	Paper goods, not elsewhere specified	13	140,653	300	300	29,250	110,803	12	32	32,352	224	76,203
170	Paper hanging	99	143,053	5,650	6,405	23,128	107,870	119	23	20,280	335	216,057
171	Paper hangings	3	222,432	7,200	18,000	53,874	143,358		38	32,376	146	83,848
172	Paper patterns	4	4,002		200	602	3,200	3	1	900	9	3,580
173	Patent medicines and compounds	209	2,472,744	184,500	153,050	187,185	1,948,009	174	612	540,645	866	349,870
174	Paving and paving materials	181	1,777,783	294,725	162,160	536,593	784,305	221	140	165,886	3,363	1,344,425
175	Perfumery and cosmetics	31	231,527	5,500	2,300	21,800	201,927	36	82	57,108	144	51,908
176	Photographic apparatus	8	81,150		1,800	26,450	52,900	8	19	13,930	99	45,175
177	Photographic materials	16	173,222	4,000	3,500	50,100	115,622	16	35	21,500	154	67,662
178	Photography	641	1,142,572	100,865	192,525	392,164	457,018	698	226	144,499	945	477,175
179	Photolithographing and photoengraving.	20	359,026			161,258	197,768	8	165	171,054	661	449,000
180	Pickles, preserves, and sauces	57	915,609	120,740	128,692	104,785	561,392	63	214	100,386	672	245,948
181	Pipes, tobacco	7	12,235	360	1,400	2,975	7,500	8	4	4,120	10	6,278

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
102	$56,002	15	$3,857	15	$2,599	$31,783	$12,125	$296	$16,862	$2,500	$77,128	$75,070	$2,053	$243,268	112
1,774	824,286	107	30,527	84	11,849	349,970	27,119	12,078	290,373	20,400	1,718,631	1,678,240	40,391	3,727,828	113
41	17,200	4	1,100	6	1,000	12,789	1,143	179	1,867	9,600	59,449	57,824	1,625	130,415	114
242	150,710	188	62,126	4	806	56,211	25,656	1,131	29,324	100	479,406	475,006	4,400	951,668	115
417	178,298	1,233	293,337	155	22,650	126,332	14,132	7,204	104,996	----------	1,261,242	1,233,702	27,540	2,145,429	116
206	95,088	39	10,826	23	4,814	87,235	17,600	1,587	67,748	350	630,027	622,735	7,292	999,027	117
623	302,615	1	702	----------	----------	173,895	1,935	6,735	165,225	----------	173,850	75,705	98,145	990,827	118
14	8,470	1	175	----------	----------	11,220	2,802	345	8,073	----------	59,173	56,367	2,806	96,400	119
15	7,684	7	1,860	----------	----------	11,521	1,476	130	9,915	----------	42,214	41,908	306	87,615	120
236	140,890	8	3,678	11	2,207	90,763	15,415	724	73,824	800	162,860	158,064	4,796	579,471	121
16,302	9,550,599	147	43,997	198	46,120	3,208,240	6,000	141,067	3,061,173	----------	41,729,261	34,625,121	7,104,140	60,144,081	122
45	31,206	----------	----------	----------	----------	14,804	1,760	100	6,614	6,330	50,648	49,958	690	132,796	123
625	377,037	9	1,872	3	424	64,003	4,020	5,209	52,647	2,127	889,143	855,875	33,268	1,899,430	124
1,107	630,108	60	16,979	15	3,535	182,795	560	11,486	170,749	----------	4,282,108	4,164,569	117,539	6,925,928	125
2,822	1,568,800	1	332	1	260	832,020	32,545	17,513	224,372	57,590	4,534,349	4,427,520	106,829	7,911,496	126
42	18,620	----------	----------	----------	----------	3,834	3,330	53	451	----------	3,925	2,405	1,520	47,775	127
443	330,754	29	8,268	12	2,244	57,386	28,817	3,966	22,903	1,700	801,638	793,895	7,743	1,601,308	128
38	18,996	63	14,388	2	450	5,524	2,667	119	2,738	----------	56,919	55,954	965	142,089	129
29	15,504	----------	----------	----------	----------	11,175	208	616	10,351	----------	52,323	47,946	4,377	99,428	130
27	11,572	----------	----------	1	190	749	510	15	224	----------	17,316	17,146	170	34,800	131
20	12,196	33	4,997	1	136	5,382	2,895	80	2,407	----------	23,029	22,314	715	90,191	132
210	116,432	1	400	3	656	75,877	14,131	1,128	31,268	28,850	308,258	304,870	3,388	719,718	133
18	11,628	----------	----------	2	334	4,150	2,120	350	880	800	98,990	98,395	595	149,372	134
185	87,618	----------	----------	----------	----------	31,882	8,000	4,144	19,738	----------	1,734,054	1,727,467	6,587	1,994,146	135
422	171,918	226	57,282	21	3,890	57,499	20,553	1,541	35,405	----------	655,212	649,639	5,573	1,194,483	136
2,212	1,141,259	----------	----------	21	3,911	181,350	21,090	23,377	136,883	----------	5,784,474	5,710,738	73,736	7,847,835	137
686	319,979	2	316	2	282	104,106	3,455	10,423	82,908	7,320	427,253	251,782	175,471	1,311,503	138
337	191,780	1	215	----------	----------	33,391,799	32,170	13,255	33,346,374	----------	3,734,652	3,526,301	208,351	38,208,076	139
3,205	2,047,023	52	10,426	12	2,343	9,927,696	4,260	189,690	9,718,746	15,000	4,036,178	3,635,274	400,904	19,738,821	140
3	500	2	256	1	150	605	----------	70	535	----------	6,174	6,144	30	13,265	141
557	375,013	46	10,996	24	4,335	99,436	40,101	3,558	48,697	7,080	661,577	650,988	10,589	1,403,526	142
84	42,817	8	650	4	696	29,315	23,733	975	4,134	473	62,701	59,094	3,607	241,609	143
1,807	772,643	215	58,248	161	23,296	252,085	94,057	5,901	147,178	4,949	1,633,746	1,618,656	20,090	3,688,972	144
3,365	1,314,793	33	8,040	128	20,807	260,073	17,501	30,466	212,106	----------	4,619,705	4,617,048	2,657	7,052,118	145
4,961	2,549,262	3	700	158	26,197	572,890	86,327	45,329	330,567	110,667	6,072,377	5,989,425	82,952	11,141,771	146
393	300,132	----------	----------	----------	----------	207,692	10,850	27,693	169,149	----------	4,018,282	3,874,914	143,368	5,135,990	147
2,504	1,254,122	----------	----------	----------	----------	264,302	48,545	20,191	162,086	33,480	1,058,410	985,015	73,395	3,458,284	148
8,047	4,671,981	9	3,620	1	80	3,210,760	39,794	12,439	206,483	2,952,044	8,992,938	8,927,399	65,539	19,486,133	149
581	285,274	103	29,818	18	2,850	173,142	28,701	3,739	140,702	----------	800,628	791,283	9,345	1,668,811	150
98	57,050	1,404	335,558	15	3,400	157,164	49,690	4,218	103,056	300	1,041,558	1,037,188	4,370	2,103,124	151
28	30,498	2,701	737,191	14	1,496	396,164	272,333	12,712	110,411	708	2,736,842	2,714,603	22,239	5,541,177	152
694	348,867	14	4,219	9	1,448	113,789	38,275	9,648	65,816	----------	557,266	540,687	16,579	1,538,083	153
273	141,127	----------	----------	27	4,331	26,475	7,650	1,643	17,182	----------	563,459	562,938	5,521	900,007	154
248	152,260	16	4,771	7	1,108	29,487	18,189	1,001	9,377	920	68,777	62,911	5,866	374,952	155
619	335,334	----------	----------	----------	----------	81,864	16,961	7,405	38,998	18,500	1,122,781	1,116,510	6,271	2,062,393	156
47	20,719	33	5,988	----------	----------	24,338	5,929	1,351	17,558	----------	184,103	181,763	2,340	305,964	157
414	214,136	2	325	14	1,906	39,135	16,578	1,612	20,595	350	167,696	162,312	5,384	514,393	158
760	325,575	3	624	54	10,900	152,994	22,230	5,226	74,613	50,925	517,458	503,317	14,141	1,191,197	159
3,545	1,977,511	86	23,931	222	53,154	779,474	23,165	53,654	699,200	3,455	2,805,189	2,753,170	52,019	6,965,248	160
11	7,800	72	16,336	4	500	12,995	3,780	310	8,905	----------	125,402	124,462	940	186,303	161
273	148,692	5	1,513	1	234	140,227	5,817	15,251	118,276	883	6,063,868	6,016,945	46,923	6,935,051	162
42	24,920	1	250	----------	----------	19,736	9,932	939	8,865	----------	322,777	320,803	1,974	500,592	163
491	261,655	35	11,129	2	300	1,386,148	11,280	4,447	1,370,421	----------	3,353,904	3,329,101	24,803	5,852,413	164
106	55,253	39	14,308	5	700	23,215	8,306	613	13,546	750	98,168	95,875	2,293	272,347	165
4,948	3,034,458	36	10,099	24	4,510	329,940	189,417	12,447	109,338	18,738	2,205,662	2,189,179	16,483	7,994,814	166
629	324,862	72	23,512	1	300	414,110	41,435	21,822	350,763	90	4,875,872	4,314,678	61,194	5,987,548	167
577	239,318	37	9,602	9	1,383	72,650	23,050	4,365	45,235	----------	798,370	664,191	134,179	1,431,618	168
81	37,334	121	35,377	22	3,492	20,859	14,358	945	5,256	300	256,743	249,442	7,301	461,514	169
333	215,557	2	500	----------	----------	24,231	12,334	383	4,464	7,050	139,999	139,262	737	548,728	170
134	81,104	2	504	10	2,240	46,052	7,134	998	37,920	----------	270,528	265,227	5,301	531,663	171
3	1,490	6	2,090	----------	----------	1,804	1,180	5	619	----------	2,356	2,316	40	14,975	172
366	187,352	483	159,490	17	3,028	1,566,900	68,504	9,150	1,473,005	16,241	1,340,233	1,323,826	16,407	4,998,603	173
3,361	1,343,895	1	250	1	280	196,347	28,293	8,058	103,546	56,450	2,676,165	2,631,835	44,330	5,277,630	174
61	35,973	81	25,452	2	483	161,313	15,150	1,200	139,788	5,175	263,235	261,360	1,875	668,168	175
84	37,173	15	8,000	----------	----------	34,568	4,740	233	24,295	5,300	53,091	51,451	1,640	225,718	176
109	56,212	29	8,812	16	2,638	68,574	9,472	1,402	11,500	46,200	140,877	137,610	3,267	412,172	177
642	370,432	272	101,589	31	5,154	264,558	157,732	6,711	92,068	8,047	745,097	725,303	19,794	2,641,800	178
636	436,231	19	11,036	6	1,733	146,353	84,651	1,857	90,245	20,100	155,453	143,436	12,017	1,060,789	179
355	172,735	294	69,630	23	3,583	72,760	26,036	6,481	39,243	1,000	1,299,915	1,283,474	16,441	2,125,243	180
10	6,278	----------	----------	----------	----------	1,832	1,200	70	562	----------	16,459	15,984	475	38,098	181

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
182	Plastering and stuccowork	234	$464,515	$49,520	$91,990	$94,724	$228,281	283	33	$45,960	1,240	$721,038
183	Plated and britannia ware	3	465,219	20,000	72,032	125,767	247,420		26	19,932	222	86,126
184	Plumbers' supplies	12	2,938,203	260,000	443,478	961,254	1,273,471	4	126	142,203	1,507	803,786
185	Plumbing, and gas and steam fitting	1,072	2,944,057	293,255	381,207	361,323	1,908,272	1,234	308	246,510	4,096	2,847,130
186	Pottery, terra cotta, and fire-clay products.	53	3,511,765	429,372	1,130,122	800,971	1,151,300	41	158	201,156	2,005	841,053
187	Printing and publishing, book and job	725	13,489,172	75,775	895,216	5,204,104	7,314,077	723	1,907	1,824,831	10,455	5,036,703
188	Printing and publishing, music	22	247,145	1,000	2,000	63,900	180,245	18	54	33,529	53	26,857
189	Printing and publishing, newspapers and periodicals.	1,259	12,259,569	893,231	1,524,023	4,847,495	4,994,820	1,239	2,894	2,420,322	7,478	3,704,341
190	Printing materials	7	36,650			19,950	16,700	3	16	16,642	31	21,322
191	Pumps, not including steam pumps	5	377,975	54,301	61,056	53,924	208,694	2	27	23,390	161	61,657
192	Refrigerators	8	184,853	9,500	40,000	36,253	99,100	7	23	24,938	217	93,467
193	Regalia and society banners and emblems.	10	111,275	5,500	12,700	13,445	79,630	8	18	14,170	152	58,808
194	Roofing and roofing materials	166	1,235,562	179,225	132,850	290,171	633,316	186	136	130,533	1,030	550,277
195	Rubber and elastic goods	17	1,188,695	1,000	7,000	257,990	922,605	19	275	203,974	853	397,426
196	Saddlery and harness	1,139	3,566,943	424,453	663,841	273,776	2,204,873	1,224	148	122,609	1,964	899,915
197	Sausage	15	177,533	27,000	67,266	33,270	49,997	21	10	7,316	134	72,317
198	Saws	9	249,000	49,500	53,500	62,000	84,000	7	21	19,500	158	84,200
199	Scales and balances	9	214,302	40,800	24,500	47,987	101,015	7	19	19,860	123	57,361
200	Sewing machine cases	3	195,266	21,000	48,635	19,642	105,989		17	13,088	342	133,430
201	Sewing machine repairing	30	11,855	500	1,000	4,380	5,975	24	4	2,681	20	10,590
202	Sewing machines and attachments	11	2,001,079	16,599	284,681	411,259	1,288,540	8	120	156,822	1,180	695,369
203	Ship and boat building, wooden	17	363,006	149,817	74,975	22,745	115,469	19	13	46,550	311	159,158
204	Shirts	61	765,065	2,600	17,964	105,401	639,700	74	140	114,884	1,975	604,839
205	Show cases	17	280,410	31,500	64,500	26,760	157,650	19	21	20,484	358	190,718
206	Silk and silk goods	4	259,540	15,000	25,000	95,959	123,581	1	33	51,180	412	121,644
207	Slaughtering and meat packing, wholesale.	51	70,782,361	3,881,255	10,447,918	6,859,804	50,093,384	50	4,181	4,880,649	27,626	13,898,950
208	Slaughtering, wholesale, not including meat packing.	13	446,901	37,100	112,500	85,430	211,871	12	45	43,636	235	145,888
209	Smelting and refining, not from the ore	6	57,800	500	6,100	11,300	39,900	5	6	7,010	39	23,776
210	Soap and candles	39	6,529,133	1,064,743	953,613	1,872,852	3,137,925	38	393	453,300	1,556	560,416
211	Soda water apparatus	5	235,795	1,100	2,000	51,513	181,182		40	38,278	130	80,709
212	Sporting goods	10	156,074	36,675	24,114	24,453	70,832	7	19	10,950	111	44,629
213	Springs, steel, car and carriage	3	132,509			34,895	97,614	1	20	20,246	216	103,169
214	Stamped ware	11	117,310	13,250	14,900	56,700	32,460	14	16	18,040	116	45,912
215	Starch	3	169,210	2,600	30,000	103,600	33,010	1	6	7,400	86	52,600
216	Stationery goods, not elsewhere specified.	15	407,033			72,608	334,425	5	46	55,791	278	87,134
217	Steam fittings and heating apparatus	30	730,985	30,901	58,269	182,364	459,451	20	74	92,875	508	306,702
218	Steam packing	7	64,750			15,050	49,700	4	26	20,356	83	39,798
219	Stencils and brands	6	130,860			39,710	91,150	7	14	9,600	105	53,420
220	Stereotyping and electrotyping	15	343,569			185,996	157,573	9	51	68,148	455	298,660
221	Sugar and molasses, refining	41	444,320	16,610	19,705	63,215	344,790	48	35	26,700	166	82,197
222	Surgical appliances	19	208,587	2,650	4,100	68,387	133,450	13	62	94,842	169	72,943
223	Taxidermy	9	4,115			530	3,585	10			2	1,100
224	Tin and terne plate	3	413,055	32,000	36,000	158,000	187,055	1	16	19,323	166	88,061
225	Tinsmithing, coppersmithing, and sheet-iron working.	1,172	6,552,971	682,796	852,601	1,734,082	3,283,492	1,367	328	332,829	5,413	2,624,383
226	Tobacco, chewing, smoking, and snuff	30	908,481	26,250	56,500	123,804	701,927	28	87	127,728	671	217,034
227	Tobacco, cigars and cigarettes	1,489	3,200,934	320,296	379,222	142,171	2,359,245	1,630	219	187,366	5,221	2,452,674
228	Tools, not elsewhere specified	39	741,677	67,350	61,414	170,907	441,946	37	58	28,546	305	166,078
229	Toys and games	13	78,745	6,000	13,100	17,695	41,950	15	29	9,832	87	29,293
230	Trunks and valises	25	693,324	63,000	118,000	53,248	459,076	22	74	84,892	776	375,859
231	Type founding	3	528,150		500	251,150	276,500	1	70	73,980	412	224,740
232	Typewriter repairing	4	8,765			565	8,200	3	2	1,940	19	12,074
233	Typewriters and supplies	6	768,848			255,408	513,440	1	118	86,420	442	235,912
234	Umbrellas and canes	3	8,525	100	150	925	7,350	2	13	7,700	29	11,193
235	Upholstering materials	16	457,376	37,721	69,062	103,816	246,777	11	58	75,132	497	172,505
236	Varnish	19	2,344,728	297,178	348,279	180,996	1,518,275	10	171	242,157	187	124,688
237	Vinegar and cider	74	1,050,098	166,121	272,332	351,720	259,925	76	102	121,156	216	101,356
238	Washing machines and clothes wringers.	9	52,950	5,500	2,500	7,200	37,750	11	8	2,750	24	12,888
239	Watch and clock materials	3	17,200	1,000	6,000	5,500	4,700	5			38	23,100
240	Watch cases	4	730,894	200,685	37,550	158,941	333,718	3	27	18,884	407	170,919
241	Watch, clock, and jewelry repairing	943	771,583	76,320	96,934	251,093	347,186	991	40	25,067	656	366,781
242	Watches	3	6,353,411	340,000	812,518	2,548,581	2,652,312		56	69,266	2,578	1,384,152
243	Whips	3	35,525	500	500	7,025	27,500	3	6	2,520	126	29,916
244	Windmills	16	1,947,965	290,345	242,598	286,689	1,128,333	9	164	142,015	1,024	479,224
245	Window shades	25	1,118,127	3,100	44,697	123,256	947,074	19	70	70,922	261	123,352
246	Wire	3	1,480,729	99,761	115,828	457,153	807,987		19	31,441	617	334,334
247	Wirework, including wire rope and cable.	52	1,244,824	64,241	171,083	342,352	667,148	47	89	86,505	632	253,851
248	Wood, turned and carved	69	347,035	8,855	22,475	136,119	179,586	78	41	42,489	704	382,478
249	Woodenware, not elsewhere specified	6	188,054	21,000	48,050	41,244	77,760	1	28	15,137	128	55,761
250	Woolen goods	13	1,571,625	100,994	211,679	367,731	891,221	4	50	69,023	693	210,157
251	Zinc, smelting and refining	5	3,186,319	138,100	637,434	1,095,041	1,315,744		80	222,022	1,551	758,912
252	All other industries[1]	74	13,874,981	1,257,945	2,491,333	4,385,200	5,740,503	47	269	356,658	4,151	1,715,149

[1] Embraces ammunition, 2; bells, 1; belting and hose, linen, 1; belting and hose, rubber, 1; boot and shoe findings, 2; card cutting and designing, 1; charcoal, 1; chocolate and cocoa products, 2; clothing, horse, 2; coke, 1; combs, 1; copper, smelting and refining, 1; cordage and twine, 2; cotton goods, 1; cotton waste, 1; crucibles, 1; drug grinding, 2; dye stuffs and extracts, 2; engravers' materials, 1; felt goods, 1; fire extinguishers, chemical, 2; fuel, artificial, 1; gas and oil stoves, 2; glue, 2; hat and cap materials, 1; horseshoes, factory product, 1; iron and steel, bolts, nuts, washers, and rivets, 2; ivory and bone work, 2; lard, refined, 1; lasts, 2;

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,234	$719,052	3	$1,286	3	$700	$52,093	$12,836	$2,547	$24,624	$12,086*	$636,735	$610,800	$25,935	$1,942,498	182
194	79,446	28	6,690			35,998		1,636	34,362		141,343	138,968	2,375	365,323	183
1,385	769,055	56	20,556	66	14,175	140,190	21,244	10,934	108,012		980,912	932,826	48,086	2,366,027	184
4,066	2,842,080	6	1,420	24	3,080	448,728	217,678	15,931	137,658	77,461	5,153,756	5,109,902	43,854	11,150,076	185
1,923	824,823	37	9,250	45	6,980	172,446	8,769	11,258	131,730	20,694	576,061	332,182	243,879	2,143,521	186
7,958	4,302,442	2,252	687,904	245	46,357	3,029,709	511,283	53,396	960,979	1,504,051	5,894,432	5,210,435	183,997	19,761,780	187
33	19,835	13	5,210	7	1,812	106,706	9,668	790	33,181	63,067	44,850	43,995	864	282,297	188
6,071	3,317,615	972	333,076	435	53,650	3,068,045	397,302	68,972	2,079,416	1,122,355	4,138,134	3,982,144	155,990	19,404,955	189
31	21,322					23,921	6,556	110	17,255		43,616	43,264	352	149,400	190
161	61,657					26,504	108	2,084	24,012	300	108,758	106,529	2,229	224,951	191
205	91,559	2	480	10	1,428	14,723	3,226	1,210	10,287		133,944	128,309	5,635	337,875	192
50	27,087	95	80,893	7	828	11,587	4,632	1,073	3,362	2,500	124,025	121,458	2,567	246,887	193
1,028	549,877			2	400	144,029	27,596	6,892	98,421	11,120	1,325,361	1,304,269	21,092	2,586,664	194
543	321,687	248	60,744	67	14,995	309,562	41,048	9,851	258,363	300	1,958,502	1,937,720	20,782	3,685,777	195
1,820	870,965	86	20,459	58	8,491	230,062	116,892	22,702	88,854	1,614	2,663,868	2,635,954	27,914	5,057,097	196
132	72,017			2	300	15,996	3,746	1,933	10,317		504,136	497,105	7,031	755,102	197
158	84,200					16,544	5,857	2,542	8,145		141,331	136,037	5,294	378,625	198
120	56,786			3	575	21,965	2,794	1,754	17,417		88,996	85,041	3,955	307,879	199
330	131,480			12	1,950	19,602	8,147	1,691	9,764		194,256	191,378	2,878	410,736	200
18	10,290			2	300	6,148	5,017	64	917	150	13,414	12,905	509	46,021	201
1,138	637,500	15	1,731	32	6,138	150,193	15,570	6,122	127,501	1,000	1,823,411	1,817,373	6,038	3,074,637	202
311	159,158					11,526	3,622	3,067	4,785	52	83,246	81,004	2,242	322,446	203
243	136,161	1,677	460,490	55	8,188	131,098	36,696	4,282	53,084	37,036	1,213,278	1,202,025	11,248	2,456,529	204
343	188,328			15	2,390	27,490	7,682	1,788	18,120		298,530	293,200	5,330	630,578	205
81	43,475	310	78,919	21	4,250	42,410	7,950	1,974	19,720	12,766	187,514	184,484	3,030	421,088	206
25,557	13,316,489	1,473	427,203	596	155,258	14,158,171	64,252	273,281	13,820,688		239,757,479	239,046,655	710,824	279,842,835	207
235	145,888					53,225	9,012	3,209	41,004		6,955,830	6,943,737	12,093	8,079,442	208
39	23,776					7,635	5,106	469	2,060		212,793	208,043	4,750	295,864	209
1,066	419,247	293	119,803	197	21,866	732,106	9,099	28,979	692,528	1,500	6,032,957	5,918,918	114,039	9,436,430	210
130	80,709					31,361	10,150	1,034	20,177		169,667	166,267	3,400	404,661	211
85	35,994	25	8,435	1	200	11,954	1,247	601	10,106		98,422	97,181	1,241	224,590	212
213	102,419			3	750	34,276	9,400	324	24,552		210,225	201,447	8,778	408,677	213
93	41,148	14	3,190	9	1,574	9,331	4,325	837	4,169		76,807	74,087	2,720	179,744	214
64	46,100	17	5,000	5	1,500	22,528	360	268	21,900		345,324	341,300	4,024	542,190	215
95	46,892	131	31,288	52	8,954	152,215	20,404	1,358	86,203	44,250	198,452	189,404	4,048	684,958	216
502	305,714			6	988	73,572	15,135	2,805	50,676	4,956	813,483	804,508	8,975	1,532,688	217
82	39,478	1	320			25,818	4,774	384	5,660	15,000	78,155	74,085	4,070	231,093	218
105	53,420					7,439	6,025	409	1,005		54,331	53,013	1,318	222,025	219
438	294,288	1	500	21	3,872	89,271	28,366	1,089	54,093	5,723	93,969	89,690	4,279	673,262	220
128	69,466	38	12,731			66,005	17,279	3,614	15,125	19,987	1,188,191	1,127,146	11,045	1,380,956	221
86	46,501	80	25,818	3	624	59,908	11,365	1,395	46,498	650	158,738	155,229	3,509	444,563	222
2	1,100					1,096	1,015	1	80		2,508	2,366	142	10,240	223
151	83,943	15	4,118			29,993		1,719	28,274		1,778,048	1,769,117	8,931	2,081,837	224
4,489	2,349,237	470	162,194	454	112,952	601,617	172,062	30,592	374,074	24,889	6,977,751	6,870,026	107,725	12,541,684	225
174	88,730	425	116,454	72	11,850	1,549,724	19,571	5,554	1,524,569	30	1,072,500	1,061,723	10,777	3,167,552	226
4,167	2,177,648	874	251,117	180	23,909	1,242,252	173,842	16,403	1,047,743	4,264	3,116,597	3,091,701	24,896	8,741,483	227
277	160,778	21	4,320	7	980	52,931	4,997	3,012	44,847	75	155,748	146,267	9,481	588,525	228
55	20,682	31	8,496	1	115	20,357	1,982	253	12,122	6,000	41,781	41,122	659	149,758	229
638	340,614	64	20,271	74	14,974	50,689	14,794	3,511	32,384		501,541	497,428	4,113	1,222,156	230
289	192,800	98	28,340	25	3,600	90,132	20,056	9,476	60,600		316,582	307,923	8,659	1,107,112	231
19	12,074					1,670	870	5	675	120	15,300	15,300		39,100	232
420	229,141	20	6,511	2	260	85,786	6,938	1,196	76,332	1,320	137,995	135,026	2,969	584,288	233
6	3,550	23	7,643			1,063	692	47	324		36,561	36,352	209	77,926	234
173	86,846	267	76,866	57	8,793	68,109	17,200	2,735	44,064	4,110	407,424	400,351	7,073	850,150	235
177	122,980	9	1,552	1	156	138,423	5,611	10,498	120,584	1,730	1,276,709	1,259,424	17,285	2,190,265	236
201	98,454	13	2,697	2	205	91,429	3,053	7,071	80,130	1,175	526,734	504,268	22,466	945,741	237
23	12,784			1	104	12,052	2,561	74	9,417		31,051	30,453	598	81,016	238
17	16,900	21	6,200			236	80	82	74		13,442	13,102	340	40,040	239
274	142,361	101	23,938	32	4,620	21,389	2,335	989	18,065		294,491	288,690	5,801	560,934	240
614	357,773	22	6,254	20	2,704	171,300	124,727	4,923	28,908	12,742	287,878	275,503	12,375	1,462,079	241
1,275	857,277	1,303	526,875			119,040		21,137	97,903		246,392	223,097	23,295	1,839,792	242
83	21,210	10	2,706	33	6,000	3,282	1,950	357	975		32,673	32,527	146	82,400	243
1,012	475,124	6	1,820	6	2,280	144,653	1,049	10,756	132,848		1,232,333	1,212,865	19,468	2,262,992	244
193	103,179	65	18,987	8	1,236	43,229	11,308	2,245	29,676		1,159,277	1,152,467	6,810	1,577,170	245
616	333,894			1	440	97,368		4,344	93,024		1,992,752	1,955,157	37,595	2,879,188	246
570	240,694	31	7,197	31	5,960	124,827	6,752	5,406	112,669		1,111,485	1,095,021	16,414	1,825,729	247
656	323,334	7	1,350	41	7,794	56,201	29,808	1,501	24,792	100	281,518	262,013	19,505	901,170	248
115	53,171	4	1,192	9	1,398	12,655	2,513	970	8,296	876	129,115	126,626	2,489	232,293	249
868	139,881	290	66,888	85	3,438	73,486	1,350	5,727	66,409		492,270	478,692	13,578	932,987	250
1,583	754,698			18	4,214	109,407		12,033	97,374		4,416,815	4,155,154	261,661	5,882,746	251
3,203	1,460,549	852	237,908	96	16,692	736,021	48,294	38,293	625,276	24,158	20,182,844	19,966,083	216,761	27,164,245	252

lead, smelting and refining, 2; mantels, slate, marble, and marbleized, 1; needles and pins, 1; oil, cottonseed and cake, 1; pencils, lead, 1; pens, gold, 2; phonographs and graphophones, 1; pocketbooks, 1; pulp goods, 1; registers, car fare, 1; safes and vaults, 1; salt, 1; screws, machine, 2; shipbuilding, iron and steel, 1; shoddy, 2; silversmithing, 2; silverware, 1; sugar and molasses, beet, 1; tinfoil, 1; tobacco, stemming and rehandling, 1; vault lights and ventilators, 2; wood, preserving, 1; wool pulling, 1; wool scouring, 2.

AURORA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	229	$6,304,454	$692,981	$1,403,473	$2,152,823	$2,055,177	246	338	$311,158	4,647	$1,952,025
2	Blacksmithing and wheelwrighting	18	21,600	2,000	3,400	7,025	9,175	17	1	1,200	33	19,240
3	Boots and shoes, custom work and repairing.	8	2,950		50	1,425	1,475	8			6	2,706
4	Bread and other bakery products	5	130,569			59,556	71,013	5	29	18,884	48	19,971
5	Carpentering	12	34,150	3,850	5,200	3,700	21,400	13			102	57,001
6	Clothing, men's, custom work and repairing.	11	10,500			2,350	8,150	12	3	3,000	43	22,750
7	Clothing, women's, dressmaking	5	4,585	600	1,400	700	1,885	5			30	8,250
8	Clothing, women's, factory product	5	58,600			10,000	48,600	4	18	14,950	147	29,400
9	Confectionery	4	11,850	2,500	4,000	4,400	950	5			5	2,620
10	Foundry and machine shop products	11	1,322,363	124,787	255,475	401,948	540,153	9	98	105,113	1,046	466,035
11	Furniture, cabinetmaking, repairing, and upholstering.	3	1,290	150	350	190	600	3			3	1,550
12	Millinery, custom work	9	16,725			1,500	15,225	4			37	11,486
13	Painting, house, sign, etc	13	16,225			2,500	13,725	13	5	1,420	36	20,390
14	Paving and paving materials	5	30,600			4,250	26,350	8	5	2,900	57	30,040
15	Photography	5	10,375			8,000	2,375	5			4	2,600
16	Plumbing, and gas and steam fitting	9	69,600	6,500	11,800	6,400	44,900	19	6	2,235	37	23,650
17	Printing and publishing, book and job	4	22,150			17,200	4,950	5			31	11,200
18	Printing and publishing, newspapers and periodicals.	6	85,200	5,500	13,000	40,800	25,900	6	10	4,510	55	22,401
19	Saddlery and harness	6	30,250	12,000	9,500	3,400	5,350	6	1	400	8	4,100
20	Tinsmithing, coppersmithing, and sheet-iron working.	14	74,675	17,500	21,000	6,575	29,600	16	3	1,580	30	16,000
21	Tobacco, cigars and cigarettes	16	43,860	4,350	8,100	1,185	30,225	21			43	22,445
22	Watch, clock, and jewelry repairing	10	70,979	27,200	11,500	14,414	17,865	10	2	820	28	13,040
23	All other industries[1]	55	4,235,358	436,044	1,058,698	1,555,310	1,185,306	53	157	154,146	2,818	1,145,150

[1] Embraces bicycle and tricycle repairing, 2; boxes, wooden packing, 1; brick and tile, 2; brooms and brushes, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 1; clothing, men's, factory product, 1; cooperage, 1; corsets, 2; cotton goods, 1; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 2; flouring and grist mill products, 2; furnishing goods, men's, 2; furniture, factory product, 1;

BLOOMINGTON.

1	All industries	185	$2,465,300	$121,050	$375,625	$865,569	$1,103,056	196	207	$147,282	2,030	$974,736
2	Bicycle and tricycle repairing	3	2,205			500	1,705	3			2	676
3	Blacksmithing and wheelwrighting	15	24,027	11,300	5,000	1,545	6,182	17			25	11,225
4	Boots and shoes, custom work and repairing.	10	8,245	5,625	1,375	750	495	10			3	1,042
5	Brick and tile	5	79,655		27,300	17,986	34,369	3	7	4,975	103	44,100
6	Carpentering	11	44,950	6,675	6,600	13,250	18,425	12	5	3,360	67	41,834
7	Carriages and wagons	3	53,300	8,500	24,000	2,300	18,500	8			16	8,350
8	Clothing, men's, custom work and repairing.	11	41,049			2,447	38,602	11	2	1,664	74	29,094
9	Dyeing and cleaning	4	7,450	1,600	3,500	1,450	900	4			5	2,574
10	Flouring and grist mill products	5	108,600	8,000	13,300	42,500	39,700	7	3	2,800	17	10,907
11	Foundry and machine shop products	7	285,095	23,000	48,000	31,300	182,795	6	24	21,560	168	77,390
12	Lumber, planing mill products, including sash, doors, and blinds.	3	108,510	5,000	10,000	19,559	73,951	2	12	10,684	81	36,814
13	Millinery, custom work	5	33,535	5,000	10,000	135	18,400	5	22	9,270	31	10,689
14	Monuments and tombstones	3	43,003	5,250	15,700	1,375	20,678	5	4	2,162	13	5,753
15	Painting, house, sign, etc	6	32,870	3,500	3,500	1,800	24,070	9	5	2,704	31	15,106
16	Photography	6	16,360			6,450	9,910	6			13	6,861
17	Plumbing, and gas and steam fitting	6	36,850	4,000	2,500	2,150	28,200	7	5	1,836	52	30,130
18	Printing and publishing, book and job	7	90,400			45,000	45,400	8	18	15,516	122	44,830
19	Printing and publishing, newspapers and periodicals.	5	92,200	2,000	25,000	36,600	28,600	7	22	12,282	68	28,972
20	Saddlery and harness	8	52,805	1,400	2,100	3,780	45,525	8	4	3,950	36	14,039
21	Tinsmithing, coppersmithing, and sheet-iron working.	12	21,015	1,000	350	3,900	15,765	15			23	14,504
22	Tobacco, cigars and cigarettes	15	29,550	500	800	2,010	26,240	16	7	4,040	57	28,036
23	Watch, clock, and jewelry repairing	13	5,235			3,300	1,935	11			14	6,738
24	All other industries[1]	22	1,248,491	28,700	171,600	625,482	422,709	16	67	50,479	1,009	505,072

[1] Embraces awnings, tents, and sails, 1; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; confectionery, 2; flavoring extracts, 1; food preparations, 1; furniture, factory product, 1; gas, illuminating and heating, 1; ice, artificial, 1; liquors, malt, 1; lock and gun smithing, 2;

BY SPECIFIED INDUSTRIES: 1900.

AURORA.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
3,508	$1,702,663	982	$226,237	157	$23,125	$495,077	$47,420	$29,407	$415,250	$3,000	$3,490,279	$3,374,381	$115,898	$7,370,029	1
33	19,240	------	------	------	------	2,690	2,224	126	340	------	52,506	51,582	924	98,700	2
6	2,706	------	------	------	------	864	665	14	185	------	3,012	2,932	80	9,220	3
38	18,062	10	1,909	------	------	9,444	4,496	196	4,752	------	74,432	71,899	2,533	131,881	4
102	57,001	------	------	------	------	1,216	544	132	540	------	120,196	120,160	36	226,180	5
37	21,250	6	1,500	------	------	6,224	3,424	100	2,700	------	20,854	20,745	109	71,450	6
------	------	30	8,250	------	------	1,185	840	35	310	------	6,805	6,685	120	22,500	7
5	2,600	142	26,800	------	------	12,577	1,840	132	10,605	------	174,227	173,470	757	282,000	8
5	2,020	------	------	------	------	758	300	113	345	------	6,501	6,270	231	13,950	9
1,045	465,794	------	------	1	241	110,825	3,120	4,196	103,509	------	867,342	838,954	28,388	1,792,840	10
3	1,550	------	------	------	------	406	252	14	140	------	1,150	1,105	45	4,300	11
------	------	37	11,486	------	------	4,048	3,078	20	950	------	36,187	35,905	282	66,850	12
36	20,390	------	------	------	------	2,799	2,088	182	529	------	23,735	23,555	180	65,800	13
57	30,040	------	------	------	------	1,375	885	35	455	------	62,080	61,810	220	118,400	14
4	2,600	------	------	------	------	1,813	1,420	27	366	------	3,990	3,880	110	16,000	15
37	23,650	------	------	------	------	2,707	1,600	278	829	------	58,014	57,015	999	117,800	16
31	11,200	------	------	------	------	1,428	792	61	575	------	13,199	12,532	667	38,200	17
47	19,694	8	2,707	------	------	9,590	1,710	350	7,530	------	15,081	14,085	996	72,125	18
8	4,100	------	------	------	------	1,554	936	213	405	------	9,067	8,835	232	21,915	19
30	16,000	------	------	------	------	4,856	2,154	860	1,842	------	27,424	26,639	785	68,980	20
36	21,545	------	------	7	900	10,198	3,113	272	6,813	------	22,523	22,215	308	68,350	21
16	9,040	12	4,000	------	------	2,373	1,504	109	760	------	2,660	2,370	290	26,475	22
1,932	958,581	737	169,585	149	21,984	306,147	10,435	21,942	270,770	3,000	1,889,344	1,811,738	77,606	4,036,113	23

furs, dressed, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 2; ice, artificial, 1; ironwork, architectural and ornamental, 1; liquors, malt, 1; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; masonry, brick and stone, 1; mattresses and spring beds, 1; mineral and soda waters, 1; models and patterns, 1; monuments and tombstones, 2; musical instruments, pianos and materials, 1; paints, 1; pickles, preserves, and sauces, 1; plated and britannia ware, 1; soap and candles, 1; tools, not elsewhere specified, 2; typewriters and supplies, 1; wool scouring, 1.

BLOOMINGTON.

1,761	$921,990	242	$48,868	27	$3,878	$202,807	$36,983	$15,898	$117,826	$33,105	$2,008,907	$1,958,324	$50,583	$3,845,768	1
2	676	------	------	------	------	562	385	10	167	------	3,135	3,115	20	6,775	2
24	11,125	------	------	1	100	1,765	1,186	163	416	------	8,521	7,966	555	38,236	3
3	1,042	------	------	------	------	799	687	34	78	------	3,870	3,725	145	11,395	4
103	44,100	------	------	------	------	20,284	1,695	384	18,205	------	16,165	1,525	14,640	122,400	5
67	41,834	------	------	------	------	32,970	832	221	1,779	30,138	87,860	87,103	757	185,822	6
16	8,350	------	------	------	------	1,455	800	415	240	------	6,260	5,960	300	18,040	7
54	24,524	19	4,476	1	94	6,131	3,894	170	2,567	------	34,855	34,220	635	92,479	8
4	2,054	1	520	------	------	1,768	780	65	718	200	1,276	932	344	9,000	9
17	10,907	------	------	------	------	3,903	471	594	2,838	------	187,687	185,442	2,245	216,994	10
168	77,390	------	------	------	------	5,207	1,580	1,247	2,380	------	79,118	75,463	3,655	261,780	11
80	36,691	------	------	1	120	9,238	1,380	961	6,897	------	51,673	49,825	1,848	127,020	12
------	------	31	10,689	------	------	3,426	1,415	317	1,694	------	63,428	63,200	228	100,637	13
13	5,753	------	------	------	------	5,060	360	282	4,418	------	26,037	25,872	165	48,310	14
31	15,106	------	------	------	------	3,676	1,582	126	1,968	------	25,959	25,785	174	62,105	15
11	6,185	2	676	------	------	3,584	1,940	53	1,141	450	8,226	8,015	211	30,900	16
51	29,948	------	------	1	182	3,741	1,992	214	1,535	------	93,867	93,675	192	140,760	17
69	34,164	38	8,266	15	2,400	5,744	2,576	431	2,655	82	61,946	60,713	1,233	147,383	18
64	28,598	------	------	4	374	15,016	985	309	11,487	2,235	13,573	12,339	1,234	109,576	19
34	13,689	------	------	2	350	2,906	1,990	360	556	------	29,418	28,998	420	57,318	20
23	14,504	------	------	------	------	2,536	1,643	128	765	------	28,529	28,151	378	59,523	21
51	27,136	6	900	------	------	11,051	1,618	73	9,360	------	18,891	18,891	------	81,235	22
13	6,660	------	------	1	78	1,495	1,112	70	313	------	2,695	2,675	20	17,150	23
863	481,551	145	23,341	1	180	60,495	6,580	8,766	45,149	------	1,155,918	1,134,734	21,184	1,900,930	24

mattresses and spring beds, 1; mineral and soda waters, 2; musical instruments, pianos and materials, 1; patent medicines and compounds, 1; photographic materials, 1; roofing and roofing materials, 1; trunks and valises, 1; vinegar and cider, 1.

TABLE 8.—MANUFACTURES IN CITIES

CHICAGO.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	19,203	$534,000,689	$54,226,853	$71,586,976	$142,136,393	$266,050,467	19,872	85,003	$34,374,783	262,621	$131,065,337
2	Agricultural implements	6	36,025,355	1,305,969	2,793,966	1,139,288	30,787,032	4	3,509	2,483,894	10,245	5,180,958
3	Artificial feathers and flowers	7	16,895	1,000	2,500	4,510	8,885	9	3	2,640	22	8,015
4	Artificial limbs	6	23,050			2,950	20,100	4	14	9,738	20	11,810
5	Artists' materials	7	33,793			14,893	18,900	6	11	9,406	30	14,142
6	Awnings, tents, and sails	34	670,463	181,053	43,700	47,208	448,502	38	68	55,633	472	217,890
7	Babbitt metal and solder	8	551,586	52,980	46,871	101,594	350,141	2	39	56,617	132	66,493
8	Bags, other than paper	4	93,500			17,500	76,000	4	17	11,350	106	36,286
9	Bags, paper	4	41,653			21,053	20,600	7	13	13,000	43	18,855
10	Baking and yeast powders	14	1,162,503	65,300	171,200	156,665	768,338	7	154	229,252	442	153,183
11	Baskets, and rattan and willow ware	9	148,947	15,775	43,325	39,305	50,542	9	9	7,600	202	86,137
12	Belting and hose, leather	8	639,843	500	500	63,086	575,757	2	93	71,482	231	108,158
13	Bicycle and tricycle repairing	309	193,523	16,300	11,975	72,683	92,565	348	12	6,079	222	114,368
14	Bicycles and tricycles	50	7,229,024	469,407	534,380	1,875,291	4,349,446	27	581	473,663	4,024	1,947,480
15	Billiard tables and materials	5	14,055	5,500	3,375	2,500	2,680	5			8	2,428
16	Blacking	12	90,853	2,500	4,400	8,175	75,778	14	26	22,324	81	24,384
17	Blacksmithing and wheelwrighting	831	1,068,312	359,730	278,130	164,219	266,233	964	19	16,548	1,095	756,015
18	Bluing	5	8,345	1,000	2,000	1,265	4,080	5	2	600	9	3,231
19	Bookbinding and blank book making	74	638,787	8,550	26,750	285,274	318,213	76	92	89,679	1,149	465,065
20	Boot and shoe cut stock	4	164,705	4,000	16,000	37,505	107,200	4	16	22,966	324	121,632
21	Boot and shoe uppers	3	1,600			900	700	2	2	600	4	2,793
22	Boots and shoes, custom work and repairing	1,079	233,938	31,465	36,605	76,657	89,211	1,034	17	13,227	451	295,864
23	Boots and shoes, factory product	38	1,622,102	24,600	28,025	398,295	1,171,182	45	184	215,431	2,664	1,306,988
24	Bottling	29	108,098	22,600	14,100	8,850	62,548	36	25	25,268	64	26,917
25	Boxes, cigar	9	153,432	6,200	9,802	39,334	98,096	7	28	25,549	292	94,002
26	Boxes, fancy and paper	38	1,455,227	24,124	58,446	469,229	903,428	25	159	158,187	2,381	770,810
27	Boxes, wooden packing	25	2,321,743	390,386	249,115	506,013	1,176,229	20	87	95,840	2,189	911,298
28	Brass	3	165,590	800	600	40,150	124,040	3	10	19,600	31	21,775
29	Brass castings and brass finishing	20	506,741	28,000	11,600	131,288	335,853	23	51	60,009	430	226,466
30	Brassware	18	226,048	10,000	22,000	105,013	89,035	12	26	24,775	234	116,032
31	Bread and other bakery products	710	5,940,310	734,100	1,201,028	2,647,743	1,357,439	746	838	631,077	4,423	2,051,371
32	Brick and tile	22	923,282	490,000	127,350	185,350	120,582	34	18	23,344	389	186,643
33	Bridges	9	1,755,472	65,832	154,303	594,984	940,403	6	51	96,588	1,536	808,089
34	Bronze castings	3	45,401			11,038	34,363		10	9,860	93	57,117
35	Brooms and brushes	67	290,925	27,800	31,450	24,943	206,732	71	27	28,571	408	198,800
36	Buttons	7	21,800			7,750	14,050	8	3	1,457	59	23,736
37	Calcium lights	3	14,800			2,300	12,500	1	4	3,992	7	4,356
38	Carpentering	1,089	2,478,466	295,962	323,105	277,310	1,582,089	1,207	176	209,920	5,027	2,988,218
39	Carpets, rag	52	58,930	11,750	14,800	16,795	15,585	61	10	7,490	213	89,842
40	Carpets, wood	5	99,145	12,500	8,000	10,800	72,845	7	8	6,426	127	72,708
41	Carriage and wagon materials	4	10,600	3,000	2,000	1,900	3,700	5			15	5,685
42	Carriages and sleds, children's	7	218,485	28,500	61,000	17,185	111,800	4	15	13,141	253	108,169
43	Carriages and wagons	124	4,087,245	781,238	584,994	862,658	2,358,355	149	128	137,783	1,368	1,048,297
44	Cars and general shop construction and repairs by steam railroad companies.	24	6,779,327	1,477,016	1,966,960	811,997	2,523,354		307	301,194	6,787	3,707,552
45	Cars and general shop construction and repairs by street railroad companies.	9	704,668	247,270	288,100	105,281	64,017		24	24,851	866	497,114
46	Cars, steam railroad, not including operations of railroad companies.	13	14,481,875	688,901	1,955,213	2,812,136	9,025,625		211	239,836	7,589	4,473,952
47	Cheese and butter, urban dairy products	5	614			414	200	5			1	390
48	Chemicals	13	1,490,749	396,384	174,000	521,552	398,813	9	51	63,124	397	223,015
49	China decorating	7	8,935			6,100	2,835	7			18	9,602
50	Cleansing and polishing preparations	24	50,900	4,050	3,400	9,880	33,570	22	19	23,239	36	17,389
51	Clocks	6	77,712		8,000	21,446	48,266	6	17	10,772	54	26,926
52	Cloth, sponging and refinishing	5	13,450			6,000	7,450	4	6	6,932	54	28,946
53	Clothing, men's, custom work and repairing.	1,604	4,441,546	268,755	246,470	255,852	3,670,469	1,744	789	584,853	6,827	3,416,102
54	Clothing, men's, factory product	874	12,991,669	347,185	509,075	385,274	11,750,185	1,038	1,601	1,737,606	13,855	5,551,561
55	Clothing, men's, factory product, buttonholes.	17	14,515	4,275	6,800	2,955	485	16			44	15,092
56	Clothing, women's, dressmaking	1,746	989,696	92,977	95,203	170,826	630,690	1,882	93	87,394	4,785	1,659,044
57	Clothing, women's, factory product	151	2,792,658	20,000	25,100	199,791	2,547,767	197	523	575,406	3,988	1,399,512
58	Coffee and spice, roasting and grinding.	25	5,195,803	220,000	190,000	316,631	4,469,172	19	533	562,976	922	389,337
59	Coffins, burial cases, and undertakers' goods.	8	472,550	63,000	117,000	31,050	261,500	9	58	61,392	886	206,765
60	Confectionery	76	2,270,790	157,832	132,900	643,625	1,336,433	80	442	351,093	2,885	868,513
61	Cooperage	54	1,203,006	270,975	180,255	183,137	568,639	64	44	50,304	1,293	535,484
62	Cordials and sirups	3	214,055	20,000	20,000	11,661	162,394	2	22	27,455	67	22,229
63	Cork, cutting	5	72,049			8,599	63,450	3	13	17,700	114	38,378
64	Corsets	15	171,802	3,450	4,600	17,565	146,187	17	24	20,030	329	83,413
65	Dentists' materials	9	148,129	500	400	36,300	110,929	9	8	8,862	106	39,517
66	Druggists' preparations, not including prescriptions.	11	375,600	13,000	16,500	49,845	296,255	8	115	94,603	206	66,515

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
210,687	$116,525,569	44,961	$13,218,194	6,973	$1,321,574	$80,414,823	$7,394,488	$2,322,950	$55,222,254	$15,475,131	$538,401,562	$527,421,626	$10,979,936	$888,786,311	1
10,065	5,143,633	84	26,165	96	11,160	3,846,753	460	90,283	3,756,010	----------	10,842,299	10,465,057	377,242	24,848,649	2
6	2,760	16	5,255	----------	----------	4,107	1,984	56	2,067	----------	23,826	23,624	202	51,320	3
20	11,810	----------	----------	----------	----------	13,452	2,940	34	10,478	----------	9,754	9,616	138	70,987	4
24	12,380	3	1,162	3	600	7,848	3,260	51	4,537	----------	35,011	33,250	1,761	98,413	5
241	150,347	230	66,903	1	140	50,407	16,235	2,122	32,050	----------	835,001	827,300	7,701	1,301,455	6
132	66,493	----------	----------	----------	----------	28,619	3,734	3,428	21,457	----------	1,200,460	1,186,416	14,044	1,440,657	7
44	20,540	58	14,996	4	750	10,895	7,080	715	3,120	----------	369,125	368,310	815	547,190	8
19	12,920	23	5,135	1	300	4,118	2,624	152	1,342	----------	78,925	77,205	820	132,623	9
184	90,139	251	62,108	7	936	573,087	12,901	5,421	554,765	----------	1,283,787	1,278,381	10,406	3,335,827	10
163	78,329	22	4,952	17	2,856	8,782	1,015	988	6,779	----------	58,750	58,438	312	197,362	11
216	104,958	5	1,500	10	1,700	83,901	15,900	2,505	65,496	----------	892,885	883,882	9,003	1,360,788	12
215	*113,100*	----------	----------	*7*	*1,268*	*58,915*	*51,286*	*552*	*5,064*	*2,013*	*276,118*	*269,201*	*6,917*	722,294	13
3,827	1,902,574	65	18,895	132	26,011	585,959	90,457	21,368	458,284	15,900	4,440,436	4,338,671	101,765	8,172,998	14
5	1,756	3	672	----------	----------	854	432	59	363	----------	4,635	4,290	345	14,650	15
23	11,396	49	11,168	9	1,320	48,306	5,212	211	42,883	----------	138,380	137,325	1,055	818,781	16
1,090	755,194	----------	----------	5	821	176,312	145,286	8,145	20,199	2,682	718,556	680,444	38,112	2,652,072	17
8	2,891	1	340	----------	----------	1,020	594	52	374	----------	4,883	4,515	368	13,800	18
558	294,238	548	162,251	43	8,576	109,160	52,767	2,876	33,617	19,900	617,719	606,081	11,638	1,517,220	19
218	92,872	90	26,848	16	1,912	24,816	6,340	1,196	17,280	----------	795,538	793,268	2,270	1,082,552	20
3	2,373	1	420	----------	----------	391	331	----------	60	----------	2,870	2,795	75	8,085	21
442	203,821	2	1,178	7	865	127,076	110,593	995	14,198	1,295	316,041	302,644	13,397	1,206,196	22
1,594	916,383	950	370,147	120	20,458	214,151	49,280	7,222	154,749	2,950	3,623,644	3,603,485	20,159	5,723,126	23
47	23,559	16	3,208	1	150	15,609	5,074	773	9,762	----------	205,675	201,506	4,169	320,213	24
108	46,404	148	41,514	36	6,084	19,383	9,090	1,135	9,158	----------	204,151	201,323	2,828	398,635	25
712	360,135	1,497	384,223	172	26,452	144,284	79,502	4,882	59,950	----------	1,427,280	1,406,382	20,898	2,923,299	26
2,022	869,111	1	300	166	41,887	144,871	43,082	12,300	89,489	----------	2,517,870	2,508,137	9,733	4,005,301	27
31	21,775	----------	----------	----------	----------	18,302	3,300	123	14,879	----------	578,663	573,483	5,180	675,045	28
422	223,466	8	3,000	----------	----------	49,106	16,198	1,957	30,951	----------	814,102	795,578	18,524	1,811,943	29
225	113,788	6	1,662	3	582	24,244	9,310	920	12,514	1,500	148,561	143,634	4,927	410,804	30
3,189	1,758,846	983	253,069	251	39,456	1,250,047	234,914	31,999	981,326	1,808	6,560,290	6,349,277	211,013	12,763,272	31
380	185,556	----------	----------	9	1,087	22,937	3,550	3,619	15,768	----------	77,162	10,683	66,479	433,956	32
1,520	805,170	----------	----------	16	2,919	99,656	700	6,483	89,073	3,400	2,042,501	1,995,076	47,425	3,642,571	33
93	57,117	----------	----------	----------	----------	6,189	2,800	189	3,200	----------	146,286	142,299	3,987	305,250	34
282	160,736	112	35,778	14	2,286	28,415	8,978	1,594	11,443	6,400	422,183	419,525	2,658	864,866	35
37	18,252	13	4,022	9	1,462	9,407	2,010	24	6,773	----------	29,595	29,184	411	82,040	36
7	4,356	----------	----------	----------	----------	3,638	1,540	73	1,525	500	9,157	8,857	300	33,600	37
5,018	2,986,158	2	520	7	1,540	1,566,117	94,298	10,809	134,477	1,326,533	6,093,323	6,073,925	19,398	13,180,433	38
170	80,256	34	8,291	9	1,295	14,633	9,346	304	4,983	----------	27,655	25,261	2,394	203,660	39
126	72,500	----------	----------	1	208	15,303	1,244	430	13,629	----------	111,962	110,762	1,200	248,451	40
12	4,935	3	750	----------	----------	1,110	690	72	348	----------	14,365	14,250	115	31,200	41
230	98,100	21	4,719	2	350	36,810	1,222	1,452	34,136	----------	183,024	181,138	1,886	406,933	42
1,850	1,041,810	9	3,736	9	2,751	260,475	80,254	19,935	154,671	5,615	1,658,252	1,618,338	34,914	3,818,612	43
6,752	3,695,087	33	11,933	2	532	146,527	4,300	44,975	97,252	----------	4,030,158	3,926,848	103,310	8,185,431	44
862	495,914	4	1,200	----------	----------	27,024	1,500	16,534	8,990	----------	517,438	507,162	10,276	1,076,440	45
7,453	4,440,420	50	15,041	86	18,491	367,638	3,921	34,568	325,515	3,634	13,096,980	12,878,998	217,982	19,108,085	46
1	390	----------	----------	----------	----------	132	132	----------	----------	----------	6,480	6,402	78	8,514	47
336	208,532	43	11,390	18	3,093	62,794	8,886	5,329	48,579	----------	746,291	712,358	33,933	1,381,570	48
12	7,866	6	1,736	----------	----------	2,645	2,112	31	502	----------	3,721	3,019	702	25,567	49
29	15,194	3	751	4	1,394	20,567	6,901	194	13,472	----------	51,130	49,930	1,200	175,237	50
53	26,826	----------	----------	1	100	14,304	4,461	416	6,299	3,128	40,293	39,692	601	111,429	51
49	28,114	----------	----------	5	832	7,125	5,520	35	1,570	----------	1,777	1,337	440	55,443	52
4,707	2,923,444	1,491	470,392	129	22,266	2,469,897	584,632	20,322	519,676	1,345,267	6,164,943	6,115,432	49,511	16,466,987	53
4,957	2,940,844	8,128	2,487,744	770	122,973	6,983,788	445,082	59,360	1,449,026	5,030,320	17,547,665	17,449,271	98,394	36,094,310	54
29	11,962	9	2,153	6	977	2,105	1,377	112	616	----------	4,097	3,733	364	32,489	55
442	329,275	4,296	1,822,946	47	6,823	377,962	306,235	4,260	60,585	6,882	1,667,926	1,633,413	34,513	5,499,786	56
882	579,434	3,060	813,625	46	6,458	1,113,102	162,321	11,967	316,746	622,068	4,685,297	4,666,092	19,205	9,208,454	57
653	306,466	265	62,025	4	846	681,917	71,229	21,734	519,875	69,079	9,937,455	9,884,401	53,054	12,612,424	58
318	185,585	68	21,180	----------	----------	81,554	11,622	6,433	13,499	----------	610,168	604,888	5,280	1,005,150	59
1,337	551,303	1,242	276,767	306	40,443	639,374	141,336	8,232	488,810	996	3,892,008	3,829,272	62,736	6,711,021	60
1,251	530,412	1	500	41	4,572	58,925	11,110	6,985	40,830	----------	1,822,218	1,804,467	17,751	2,838,671	61
35	*15,109*	32	7,120	----------	----------	*13,495*	*4,723*	629	13,143	----------	405,437	404,266	1,171	491,269	62
50	25,296	32	7,990	32	5,092	12,001	6,620	765	4,616	----------	109,678	108,463	1,215	207,465	63
14	7,300	315	76,113	----------	----------	71,319	8,566	286	61,947	520	161,159	159,400	1,759	394,877	64
52	31,491	31	6,031	23	1,995	7,506	4,560	156	2,510	280	70,720	69,067	1,653	178,261	65
107	45,679	98	20,636	1	200	90,420	10,106	1,527	78,787	----------	264,810	259,557	5,253	627,438	66

CHICAGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
67	*Dyeing and cleaning*	126	$516,188	$121,650	$147,800	$102,954	$143,784	137	48	$35,888	614	$284,296
68	Dyeing and finishing textiles	3	42,094	3,500	17,000	14,000	7,594	2	6	4,900	52	18,600
69	Electrical apparatus and supplies	71	11,216,185	923,009	1,224,271	1,223,676	7,845,229	51	1,113	610,917	5,787	2,710,641
70	Electrical construction and repairs	62	512,455	30,166	49,800	36,570	395,919	76	51	58,554	559	289,781
71	Electroplating	33	80,402			52,222	28,180	39	20	20,458	314	138,996
72	Emery wheels	5	49,700			13,200	36,500	2	14	11,620	37	15,680
73	Enameling and enameled goods	13	12,230	150	100	4,100	7,880	17			44	22,291
74	Engraving and diesinking	42	70,184	500	1,000	43,370	25,314	50	6	4,380	92	52,282
75	*Engraving, steel, including plate printing.*	26	558,426		250,000	200,099	108,327	22	42	40,806	335	189,406
76	Engraving, wood	14	19,791			4,079	15,712	17	13	16,106	81	46,262
77	Envelopes	7	102,850			47,350	55,500	6	13	15,959	188	59,431
78	Fancy articles, not elsewhere specified	36	278,670	13,200	31,500	69,205	164,765	42	79	51,865	376	152,098
79	Fertilizers	3	1,619,180	200,000	210,000	78,010	1,131,170	1	52	74,960	329	169,650
80	Fish, canning and preserving	4	2,655	475	750	330	1,100	4			5	2,642
81	Flags and banners	3	18,325			2,300	16,025	2	9	9,065	29	7,950
82	Flavoring extracts	23	689,480	3,000	9,500	57,204	619,776	18	108	128,047	201	68,715
83	Flouring and grist mill products	14	1,472,100	308,700	264,200	170,600	728,600	9	45	56,545	289	133,299
84	Food preparations	45	1,451,985	81,400	336,050	382,167	652,368	44	102	86,896	558	248,092
85	Foundry and machine shop products	441	36,356,168	4,852,941	4,971,178	8,645,965	17,886,084	334	2,164	2,467,859	20,641	11,264,544
86	*Fruits and vegetables, canning and preserving.*	6	366,100			110,900	255,200	1	36	56,661	311	105,972
87	Fur goods	54	771,251	600	200	21,502	748,949	53	86	81,838	747	340,353
88	Furnishing goods, men's	30	985,709			43,748	941,961	40	148	130,379	1,744	531,484
89	Furniture, cabinetmaking, repairing, and upholstering.	289	498,797	42,155	61,930	58,231	336,481	318	43	44,914	787	419,562
90	Furniture, factory product	114	8,014,498	941,832	1,472,257	872,481	4,727,928	101	720	739,447	7,843	3,651,470
91	Furs, dressed	4	48,880	11,200	29,000	7,585	1,095	5	1	500	44	22,500
92	Gas and lamp fixtures	27	555,464			128,111	427,353	24	100	98,475	420	205,746
93	Gas, illuminating and heating	4	69,546,376	2,444,760	4,780,814	60,645,452	1,725,350		656	631,285	1,924	1,086,467
94	Gas machines and meters	4	49,633			8,800	40,833	2	5	3,390	30	22,470
95	Glass, cutting, staining, and ornamenting.	38	412,825	2,450	1,000	67,457	341,918	41	123	143,787	497	252,692
96	Gloves and mittens	22	624,389	25,700	64,250	82,357	452,082	20	79	75,407	1,559	605,826
97	Gold and silver, leaf and foil	5	41,300	6,200	9,200	8,750	17,150	5	2	884	94	43,656
98	Gold and silver, reducing and refining, not from the ore.	5	180,821	9,000	13,000	18,221	140,600	5	15	17,806	30	15,220
99	Grease and tallow	9	606,002	140,857	98,404	106,531	260,210	9	57	51,730	269	160,777
100	Hairwork	49	62,444	600	600	5,947	55,297	51	10	5,523	127	40,002
101	Hand knit goods	10	16,900			6,975	9,925	9			27	12,907
102	Hand stamps	19	119,850			73,247	46,603	14	23	20,234	123	59,653
103	Hardware	35	2,118,311	194,200	250,673	533,984	1,139,454	21	126	208,051	1,146	588,326
104	Hats and caps, not including fur hats and wool hats.	48	321,489	5,700	5,300	71,936	238,553	48	44	36,654	429	213,642
105	Hosiery and knit goods	9	303,611	500	30,500	75,400	197,211	4	22	25,800	553	134,719
106	House furnishing goods, not elsewhere specified.	11	384,720			57,596	327,124	7	56	59,862	188	76,454
107	Ink, printing	7	99,958	8,000	2,000	17,315	72,643	7	14	9,115	14	8,470
108	Ink, writing	5	37,280			4,475	32,805	3	12	13,868	22	9,534
109	Instruments, professional and scientific	29	255,345			71,904	183,441	34	45	36,514	255	146,775
110	Iron and steel	9	24,271,764	5,485,902	3,659,135	8,005,056	7,121,671		357	454,209	6,212	4,329,342
111	Iron and steel, doors and shutters	4	63,758			6,850	56,908		9	11,522	45	31,206
112	Iron and steel, forgings	9	1,223,904	184,127	106,445	444,897	488,435	6	46	59,648	687	379,383
113	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	318,300	36,000	29,000	78,000	175,300	1	21	20,900	128	66,900
114	Ironwork, architectural and ornamental.	76	3,696,958	678,180	560,400	819,579	1,638,799	70	191	229,349	2,511	1,460,792
115	Japanning	5	8,700			4,800	3,900	8	1	1,200	42	18,620
116	Jewelry	31	754,122			75,150	678,972	37	76	81,815	484	341,266
117	Jewelry and instrument cases	8	47,187	1,000	1,000	14,368	30,819	8	6	4,970	103	33,834
118	Kindling wood	3	12,050		600	1,325	10,125	4			28	11,762
119	Labels and tags	4	61,444			36,971	24,473	2	13	11,909	54	17,329
120	Lamps and reflectors	21	191,010			50,877	140,133	17	65	53,135	178	100,744
121	Lapidary work	4	56,200			7,200	49,000	4	2	1,616	20	11,962
122	Leather goods	24	411,531	5,800	6,300	68,614	330,817	28	62	65,645	664	231,090
123	Leather, tanned, curried, and finished	22	4,074,990	200,318	298,479	398,071	3,178,122	20	61	129,950	2,047	1,060,731
124	Lime and cement	7	447,530	160,000	57,400	120,337	109,793		32	36,498	166	49,929
125	Liquors, malt	37	25,524,841	5,684,255	6,670,741	5,104,450	8,065,395	9	389	812,296	2,272	1,507,577
126	Lithographing and engraving	23	810,555	13,015	15,010	331,875	450,655	17	79	104,867	627	390,344
127	Lock and gun smithing	102	72,680	22,200	8,250	18,570	23,660	113	5	3,784	73	35,534
128	Looking-glass and picture frames	95	1,887,912	55,231	140,000	287,003	905,678	98	360	312,915	2,218	883,057
129	*Lumber, planing mill products, including sash, doors, and blinds.*	103	3,927,750	697,455	693,625	826,509	1,710,161	103	272	285,162	3,477	1,757,960
130	Malt	9	16,621,529	4,495,140	7,488,480	1,452,500	3,235,409	8	41	102,799	349	273,171
131	Marble and stone work	89	2,132,683	885,420	236,446	535,928	474,889	100	123	153,362	1,713	862,260
132	Masonry, brick and stone	298	2,526,279	93,755	89,848	430,255	1,912,421	344	182	222,972	6,180	3,631,316
133	Mattresses and spring beds	49	528,187	98,575	72,050	64,540	293,022	56	71	59,784	596	284,203
134	Millinery and lace goods	26	516,521	14,700	15,200	84,321	401,300	27	148	135,386	1,517	396,603
135	Millinery, custom work	421	563,721	64,200	78,100	45,269	376,152	455	135	79,916	1,318	414,030
136	Mineral and soda waters	44	344,322	42,200	48,650	123,350	130,122	44	58	52,983	417	219,466

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
334	$205,488	214	$76,304	16	$2,504	$88,721	$46,060	$4,957	$30,704	$7,000	$112,546	$89,172	$23,374	$782,913	67
45	16,900	6	1,500	1	200	3,556	900	186	2,470		24,775	20,245	4,530	63,625	68
4,536	2,359,478	1,154	333,775	97	17,388	1,545,390	72,334	54,057	1,374,318	44,681	4,233,265	4,103,789	119,476	11,357,986	69
555	288,731	2	600	2	450	185,391	16,935	1,547	50,221	66,688	617,030	613,677	3,353	1,423,608	70
282	132,534	4	1,538	28	4,924	24,461	17,448	415	5,201	1,400	55,487	48,956	6,531	317,929	71
37	15,680					6,275	2,170	260	2,345	1,500	27,970	27,165	805	78,200	72
43	22,091			1	200	3,735	3,250	10	475		8,588	6,844	1,744	50,279	73
82	50,882			10	1,400	14,777	10,454	115	2,258	1,950	21,318	20,187	1,131	162,925	74
192	145,600	122	39,420	21	4,386	40,926	17,993	5,405	16,555	973	90,338	86,769	3,569	503,264	75
72	44,252			9	2,010	5,619	4,008	50	1,276	285	15,029	14,977	52	110,374	76
40	18,743	120	27,696	28	3,992	11,072	6,760	519	3,793		126,920	125,000	1,920	220,347	77
191	106,746	123	34,392	59	10,955	85,961	13,154	997	60,074	11,736	365,039	361,644	3,395	788,119	78
279	151,650	50	18,000			84,727	10	2,793	81,924		998,381	950,531	47,850	1,842,500	79
5	2,642					526	110	13	403		3,195	2,950	245	8,900	80
4	1,800	24	6,000	1	150	3,265	1,510	5	1,500	250	19,265	19,000	265	47,100	81
86	40,693	105	26,176	10	1,846	93,617	21,380	2,542	67,695	2,000	601,242	594,681	6,561	1,104,163	82
236	132,479	1	300	2	520	103,721	12,410	5,560	85,751		4,032,333	3,997,054	35,329	4,515,480	83
419	221,354	116	24,175	18	2,563	203,960	24,084	9,004	170,872		2,080,089	2,055,032	25,057	3,022,585	84
20,008	11,094,134	349	108,195	284	62,215	3,579,406	429,201	166,678	2,631,525	352,002	20,070,516	19,350,925	719,591	44,561,071	85
126	63,369	185	42,603			181,907	20,550	4,501	155,356	1,500	1,236,981	1,229,369	7,612	1,766,129	86
311	195,201	424	143,200	12	1,952	231,568	45,079	3,936	136,272	46,281	1,305,324	1,301,533	3,791	2,409,693	87
152	90,887	1,515	425,897	97	14,700	162,049	86,164	4,755	118,530	2,600	2,045,181	2,037,252	7,929	3,334,659	88
692	391,647	73	23,481	22	4,434	156,531	84,053	5,468	50,120	16,890	710,638	700,998	9,640	1,877,171	89
7,486	3,568,370	67	18,347	290	64,753	753,172	148,579	48,977	486,592	69,024	5,323,841	5,215,514	108,327	12,344,510	90
44	22,500					1,555	60	230	1,265		2,285	1,555	730	34,350	91
303	172,197	115	32,974	2	575	98,188	27,590	1,250	66,948	2,400	379,424	370,051	9,373	985,605	92
1,924	1,086,467					783,014		364,722	418,292		1,618,724	1,519,388	99,336	7,353,796	93
29	22,320			1	150	3,480	1,568	50	1,862		52,600	51,855	745	93,803	94
442	235,146	39	14,457	16	3,089	155,235	31,513	2,432	38,249	83,041	425,727	415,619	10,108	1,111,338	95
658	314,672	818	279,630	83	11,524	59,576	8,260	2,805	48,326	125	1,084,594	1,079,593	5,001	2,239,529	96
49	31,536	45	12,120			4,367	504	283	3,580		101,400	100,625	775	178,460	97
30	15,220					14,348	2,140	278	11,930		1,009,351	1,005,312	4,039	1,076,803	98
267	160,398	2	379			61,685	660	4,857	55,474	694	1,576,635	1,553,679	22,956	1,922,184	99
11	5,908	116	34,094			22,600	18,129	125	4,046	300	95,849	94,539	1,310	226,594	100
6	5,650	21	7,257			2,997	2,239	76	682		23,915	23,582	333	57,313	101
94	53,353	15	3,857	14	2,443	30,011	10,940	266	16,305	2,500	73,696	71,682	2,014	231,828	102
1,055	560,475	76	22,267	35	5,584	266,934	25,204	8,996	213,834	18,900	1,120,380	1,095,277	25,103	2,457,965	103
242	150,710	183	62,126	4	806	56,211	25,656	1,131	29,324	100	479,406	475,006	4,400	951,668	104
42	18,780	499	114,289	12	1,650	68,742	8,132	949	59,661		294,640	290,320	4,320	589,863	105
136	62,965	29	8,675	23	4,814	80,897	17,144	1,178	62,575		536,693	529,753	6,940	811,339	106
14	8,470					11,220	2,802	345	8,073		59,173	56,367	2,806	96,400	107
15	7,684	7	1,850			11,476	1,476	120	9,880		41,564	41,258	306	86,365	108
236	140,890	8	3,678	11	2,207	90,763	15,415	724	73,824	800	162,860	158,064	4,796	579,471	109
6,154	4,315,801	36	8,861	22	4,680	1,927,396	8,000	72,290	1,852,106		22,448,511	17,706,916	4,741,595	31,461,174	110
45	31,206					14,804	1,760	100	6,614	6,330	50,648	49,958	690	132,796	111
625	377,037	9	1,872	3	424	64,008	4,020	5,209	52,647	2,127	889,143	855,875	33,268	1,899,430	112
78	51,900	50	15,000			9,707	100	1,432	8,175		213,235	209,385	3,850	406,300	113
2,509	1,460,200	1	332	1	260	304,612	30,955	16,398	199,669	57,590	4,301,113	4,198,836	102,277	7,439,516	114
42	18,620					3,834	3,330	53	451		3,925	2,405	1,520	47,775	115
443	330,754	29	8,268	12	2,244	57,386	28,817	3,966	22,903	1,700	801,638	793,895	7,743	1,601,308	116
38	18,996	63	14,388	2	450	5,524	2,667	119	2,738		56,919	55,954	965	142,089	117
27	11,572			1	190	749	510	15	224		17,316	17,146	170	34,800	118
20	12,196	33	4,997	1	136	5,332	2,895	78	2,359		22,667	21,962	705	89,471	119
174	99,688	1	400	3	656	72,963	13,151	1,029	29,933	28,850	278,991	271,351	2,640	643,938	120
18	11,628			2	334	4,150	2,120	350	880	800	98,990	98,395	595	149,372	121
417	160,918	226	57,282	21	3,890	57,124	20,253	1,491	35,380		649,037	643,489	5,548	1,184,483	122
2,039	1,058,906			8	1,825	136,082	21,090	21,581	93,461		5,141,618	5,071,872	69,746	6,979,289	123
164	49,618	2	316			47,428	2,940	5,884	38,604		161,531	133,395	28,136	361,209	124
2,229	1,499,371	43	8,206			7,855,163	1,260	141,988	7,711,915		2,959,052	2,695,033	264,019	14,956,865	125
557	375,013	46	10,996	24	4,335	99,436	40,101	3,558	48,697	7,080	661,577	650,988	10,589	1,403,526	126
67	34,428	8	650	3	456	25,161	20,995	661	3,155	350	43,406	40,463	2,943	189,429	127
1,849	753,487	209	56,340	160	23,230	248,236	88,583	5,281	144,689	4,683	1,581,288	1,562,033	19,255	3,560,242	128
3,346	1,737,140	2	400	129	20,420	418,585	74,321	29,841	231,016	83,407	4,041,924	3,993,010	48,914	7,530,387	129
349	273,171					193,926	4,800	27,151	161,975		3,678,757	3,550,085	128,672	4,704,636	130
1,713	862,260					151,334	33,727	13,736	83,141	20,730	704,383	651,191	53,192	2,344,671	131
6,171	3,627,696	9	3,620			3,095,315	35,410	9,850	175,403	2,874,652	7,267,087	7,208,581	58,556	15,954,527	132
496	255,697	82	25,656	18	2,850	166,998	25,284	3,197	138,517		704,802	696,709	8,093	1,488,027	133
98	57,950	1,404	335,553	15	3,400	157,164	49,590	4,218	103,056	300	1,041,558	1,037,188	4,370	2,103,124	134
22	28,158	1,285	384,556	11	1,316	208,862	140,621	3,186	64,560	495	1,074,487	1,064,940	9,547	2,502,331	135
411	216,754	5	2,300	1	412	61,855	23,814	6,116	31,925		260,359	251,210	9,649	774,719	136

TABLE 8.—MANUFACTURES IN CITIES

CHICAGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
137	Mirrors	7	$138,408	$1,500	$1,200	$19,865	$115,843	2	27	$25,554	170	$85,944
138	Models and patterns	49	227,995	50,000	10,000	63,085	104,910	58	8	7,310	238	142,239
139	Monuments and tombstones	18	172,455	26,700	16,570	16,075	113,110	23	11	9,834	75	54,373
140	Mucilage and paste	7	157,100	4,000	7,000	21,600	124,500	3	86	89,730	79	26,407
141	Musical instruments and materials, not specified.	26	346,561	5,600	6,200	68,520	266,241	22	24	20,267	425	218,867
142	Musical instruments, organs and materials.	9	601,824	16,000	41,724	66,555	477,545	8	38	42,760	684	274,881
143	Musical instruments, pianos and materials.	21	9,138,083	549,262	947,130	489,412	7,202,279	13	299	382,291	3,373	1,758,781
144	Nets and seines	3	148,500			106,200	42,300	1	10	18,500	87	24,636
145	Oil, linseed	9	4,184,433	933,214	525,619	758,512	1,967,088	2	58	84,866	279	150,439
146	Oil, not elsewhere specified	13	180,416	6,000	9,650	12,981	151,785	10	35	37,650	42	24,930
147	Oleomargarine	6	1,125,885	40,674	165,686	146,236	773,239	1	120	110,784	524	271,853
148	Optical goods	13	110,036			25,349	84,687	16	16	10,802	147	68,536
149	Painting, house, sign, etc	1,054	1,607,286	193,915	238,480	339,980	834,891	1,188	176	150,101	3,484	2,243,392
150	Paints	27	3,075,908	192,619	183,474	403,747	2,296,068	6	332	447,882	679	337,165
151	Paper goods, not elsewhere specified	10	82,575	300	300	25,050	56,925	10	27	25,352	162	58,974
152	Paper hanging	57	111,406	3,600	4,550	18,926	84,330	66	22	20,120	275	187,847
153	Paper hangings	3	222,432	7,200	18,000	53,874	143,358		38	32,376	146	83,848
154	Paper patterns	3	3,502			302	3,200	2	1	900	8	3,130
155	Patent medicines and compounds	168	2,225,562	175,500	137,500	161,686	1,750,876	135	537	488,758	783	321,124
156	Paving and paving materials	69	934,218	70,225	87,425	251,953	524,615	67	109	140,226	2,110	821,771
157	Perfumery and cosmetics	25	220,207			20,580	199,627	25	82	57,108	140	60,188
158	Photographic apparatus	7	21,150		1,800	6,460	12,900	8	12	7,430	19	12,173
159	Photographic materials	11	147,527			44,205	103,322	13	29	17,900	134	58,324
160	Photography	256	655,904	61,200	77,540	197,049	320,115	276	206	133,947	694	376,539
161	Photolithographing and photoengraving.	20	359,026			161,258	197,768	8	165	171,054	661	449,000
162	Pickles, preserves, and sauces	39	767,905	95,505	92,900	84,645	494,855	48	204	94,191	598	213,338
163	Pipes, tobacco	5	10,075			2,675	7,400	6	4	4,120	9	6,078
164	Plastering and stuccowork	180	305,328	38,700	75,125	82,327	109,176	153	31	44,960	1,009	589,955
165	Plumbers' supplies	11	2,768,203	255,000	403,478	886,254	1,223,471	4	121	138,083	1,356	746,336
166	Plumbing, and gas and steam fitting	777	1,736,853	212,070	257,522	222,469	1,044,792	868	217	182,605	2,714	2,099,383
167	Pottery, terra cotta, and fire-clay products.	9	708,073	99,800	206,270	174,209	227,794	8	19	49,235	334	176,920
168	Printing and publishing, book and job	594	12,540,430	52,875	849,816	4,654,114	6,983,625	573	1,816	1,750,818	9,531	4,674,796
169	Printing and publishing, music	22	247,145	1,000	2,000	63,900	180,245	18	54	33,529	53	26,857
170	Printing and publishing, newspapers and periodicals.	354	7,540,588	717,991	1,100,247	2,167,942	3,554,408	240	2,899	2,013,331	3,722	2,215,534
171	Printing materials	7	36,650			19,950	16,700	3	16	16,642	31	21,322
172	Refrigerators	5	99,653	8,000	30,000	15,653	46,000	6	15	15,100	107	51,217
173	Regalia and society banners and emblems.	7	53,600	1,000	500	8,470	43,630	5	16	13,350	95	40,775
174	Roofing and roofing materials	91	964,326	149,950	82,800	245,516	486,060	93	120	119,335	752	415,315
175	Rubber and elastic goods	15	1,126,777			247,424	879,353	17	264	200,918	830	389,679
176	Saddlery and harness	209	969,930	126,900	153,560	74,318	615,152	214	67	61,428	737	374,146
177	Sausage	14	176,083	27,000	67,266	32,070	49,747	19	10	7,316	183	72,142
178	Saws	8	231,000	46,500	48,500	59,000	77,000	5	21	19,500	147	76,500
179	Scales and balances	6	169,875	34,000	19,000	44,275	72,600	4	17	17,460	86	34,835
180	Sewing machine repairing	22	8,850			3,795	5,055	16	4	2,681	18	9,740
181	Sewing machines and attachments	8	592,402	10,000	20,000	27,310	535,092	3	33	60,581	209	138,556
182	Ship and boat building, wooden	7	284,072	125,000	52,000	12,720	94,352	9	9	13,010	160	86,469
183	Shirts	49	564,098			75,824	488,274	59	120	96,838	1,228	422,866
184	Show cases	14	114,910	19,000	21,000	10,260	64,650	17	9	9,272	135	91,828
185	Silk and silk goods	4	259,540	15,000	25,000	95,959	123,581	1	33	51,180	412	121,644
186	Slaughtering and meat packing, wholesale.	28	66,766,468	3,209,755	9,649,654	6,212,688	47,694,371	23	3,972	4,195,142	25,141	12,745,756
187	Slaughtering, wholesale, not including meat packing.	10	371,101	29,000	95,000	59,230	187,871	9	38	38,852	204	129,920
188	Smelting and refining, not from the ore	5	48,900	500	6,100	5,300	37,000	5	4	5,450	28	20,776
189	Soap and candles	27	6,306,956	1,035,271	913,963	1,325,514	3,032,208	24	364	425,700	1,484	531,576
190	Soda water apparatus	4	226,795			49,000	177,795		38	37,778	128	79,545
191	Sporting goods	8	135,502	36,500	22,714	11,238	65,050	6	16	10,365	106	48,225
192	Springs, steel, car and carriage	3	132,509			34,895	97,614	1	20	20,246	216	103,169
193	Stamped ware	10	114,760	13,000	13,900	55,900	31,960	13	16	13,040	103	41,912
194	Stationery goods, not elsewhere specified.	15	407,033			72,608	334,425	5	46	55,791	278	87,184
195	Steam fittings and heating apparatus	26	379,588	14,000	26,700	77,097	261,791	19	56	69,573	333	213,335
196	Steam packing	7	64,750			15,050	49,700	4	26	20,856	83	39,798
197	Stencils and brands	5	128,360			39,610	88,750	6	14	9,600	105	53,420
198	Stereotyping and electrotyping	15	343,669			185,996	157,673	9	51	68,148	455	298,660
199	Sugar and molasses, refining	8	408,262	5,000	14,000	45,675	343,587	8	35	26,700	145	76,044
200	Surgical appliances	18	207,187	2,450	3,700	67,787	133,250	13	61	94,242	163	71,743
201	Taxidermy	7	3,990			490	3,500	8			1	600
202	Tinsmithing, coppersmithing, and sheet-iron working.	437	4,498,471	487,675	510,639	1,278,973	2,221,184	489	228	263,159	3,893	1,890,260
203	Tobacco, chewing, smoking, and snuff	24	839,900	20,300	37,100	104,904	677,596	22	77	120,828	631	205,394
204	Tobacco, cigars and cigarettes	798	1,898,853	182,333	176,848	71,950	967,722	855	123	121,066	2,861	1,431,492
205	Tools, not elsewhere specified	24	518,189	52,350	37,350	104,465	324,015	22	31	12,550	175	86,768
206	Toys and games	12	63,445	6,000	12,800	12,695	31,950	12	29	9,832	86	29,093

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
155	$83,247			15	$2,697	$17,304	$7,650	$875	$8,779		$314,747	$311,447	$3,300	$519,978	137
217	136,660	16	$4,771	5	808	27,744	16,877	957	8,990	$920	64,971	59,796	5,175	341,788	138
75	54,373					17,583	3,678	774	5,131	8,000	173,121	171,585	1,536	305,045	139
46	20,419	33	5,988			24,729	5,829	1,342	17,558		183,163	180,853	2,310	304,214	140
409	211,636	2	325	14	1,906	38,793	16,386	1,612	20,445	350	165,770	160,406	5,364	507,293	141
634	264,481			50	10,400	143,491	22,230	4,804	66,032	50,925	436,950	426,552	10,398	999,061	142
3,065	1,681,696	86	23,931	222	53,154	750,211	22,505	50,709	673,542	3,455	2,292,785	2,250,812	41,923	5,802,718	143
11	7,800	72	16,336	4	500	12,995	3,780	310	8,905		125,402	124,462	940	186,303	144
273	148,692	5	1,513	1	234	140,227	5,817	15,251	118,276	883	6,063,868	6,016,945	46,923	6,935,051	145
41	24,680	1	250			19,731	9,932	934	8,865		321,357	320,003	1,854	498,992	146
488	260,505	34	11,048	2	800	1,382,770	11,120	4,440	1,367,210		3,346,113	3,321,410	24,703	5,837,853	147
103	53,528	39	14,308	5	700	21,576	7,506	594	12,726	750	90,357	88,634	2,223	257,347	148
3,442	2,233,123	26	6,903	16	3,366	256,217	148,526	8,265	81,011	18,415	1,508,211	1,496,209	12,002	5,783,699	149
606	313,353	72	23,512	1	300	406,471	40,340	21,190	344,941		4,330,154	4,275,283	54,871	5,905,742	150
43	20,120	103	31,412	16	2,442	14,335	9,198	426	4,411	300	83,769	82,026	1,743	284,300	151
275	187,847					19,110	9,095	151	2,814	7,050	96,063	95,509	554	484,252	152
134	81,104	2	504	10	2,240	46,052	7,134	998	37,920		270,528	265,227	5,301	581,663	153
3	1,340	5	1,790			1,792	1,180		612		1,261	1,236	25	10,600	154
321	167,442	445	150,654	17	3,028	1,483,046	61,856	8,323	1,396,626	16,241	1,228,868	1,214,138	14,725	4,651,888	155
2,109	821,491			1	280	154,242	21,846	4,357	71,889	56,150	1,877,054	1,847,144	29,910	3,595,663	156
57	34,253	81	25,452	2	483	158,798	14,785	1,113	138,100	4,800	251,074	249,272	1,802	642,171	157
19	12,178					26,268	4,140	38	16,795	5,300	40,241	39,801	440	127,618	158
97	49,174	22	6,772	15	2,378	66,277	8,680	1,344	10,053	46,200	115,571	113,379	2,192	366,835	159
495	299,254	173	72,817	26	4,468	182,524	103,880	3,517	68,826	6,301	499,880	488,356	11,474	1,771,048	160
636	436,231	19	11,036	6	1,733	146,853	34,651	1,857	90,245	20,100	155,453	143,436	12,017	1,060,789	161
294	142,201	281	67,554	23	3,583	66,016	25,110	5,377	34,529	1,000	1,083,140	1,069,711	13,429	1,769,581	162
9	6,078					1,814	1,200	61	553		16,189	15,799	390	36,898	163
1,003	587,969	8	1,286	3	700	43,364	11,010	2,123	21,551	8,680	480,871	455,616	25,255	1,528,891	164
1,257	715,105	50	19,356	49	11,875	139,490	21,244	10,234	108,012		867,612	820,426	47,186	2,150,411	165
2,695	2,096,095	4	760	15	2,478	341,733	170,871	9,518	89,582	71,762	3,378,674	3,341,500	32,174	7,781,034	166
329	175,945			5	975	38,739	1,199	3,353	34,187		67,356	32,064	35,292	400,077	167
7,247	3,987,875	2,086	647,460	198	39,461	2,947,234	482,160	49,764	932,031	1,488,279	4,955,114	4,786,785	168,329	18,536,364	168
33	19,835	13	5,210	7	1,812	106,706	9,668	790	33,181	63,067	44,859	43,995	864	282,297	169
3,385	2,064,085	309	146,718	28	4,731	3,065,033	272,853	47,260	1,677,352	1,067,568	2,987,455	2,895,712	91,743	13,995,081	170
31	21,322					23,921	6,556	110	17,255		43,616	43,264	352	149,400	171
107	51,217					5,028	2,026	682	2,320		73,407	69,732	3,675	174,200	172
31	16,072	62	24,375	2	328	9,697	4,476	299	2,422	2,500	60,082	58,245	1,837	143,187	173
750	414,915			2	400	123,577	21,820	5,398	85,239	11,120	1,036,617	1,021,019	15,598	2,007,255	174
537	319,227	226	55,457	67	14,995	306,109	40,748	9,738	255,323	300	1,915,123	1,895,237	19,886	3,585,765	175
668	357,397	35	11,418	34	5,331	71,992	43,310	6,078	22,404	200	1,104,638	1,096,989	7,649	1,921,407	176
131	71,842			2	300	15,730	3,536	1,933	10,261		497,853	490,892	6,961	747,802	177
147	76,500					15,939	5,857	2,487	7,595		129,531	124,937	4,594	355,025	178
83	34,260			3	575	20,820	2,790	1,414	16,616		67,069	65,805	1,264	252,215	179
16	9,440			2	300	5,614	4,626	16	822	150	11,234	10,790	444	39,271	180
188	133,393	5	1,416	16	3,747	64,225	15,170	1,104	46,951	1,000	1,168,023	1,164,449	3,574	1,590,469	181
160	86,469					8,396	3,292	2,472	2,580	52	55,114	53,943	1,171	187,083	182
166	98,644	1,051	322,410	11	1,812	116,669	32,021	2,728	44,884	37,036	928,137	920,710	7,427	1,879,919	183
135	91,828					16,848	7,632	720	8,496		156,292	153,962	2,330	338,225	184
81	43,475	310	73,919	21	4,250	42,410	7,950	1,974	19,720	12,766	187,514	184,484	3,030	421,088	185
28,205	12,198,142	1,421	407,081	515	140,533	13,783,108	51,912	260,284	13,470,912		211,606,743	210,979,179	627,564	248,811,997	186
204	129,920					46,717	9,012	2,606	35,099		6,634,588	6,623,880	10,708	7,715,952	187
28	20,776					6,715	4,386	469	1,860		202,157	197,407	4,750	277,864	188
1,009	393,565	278	116,115	197	21,866	701,614	8,699	27,460	663,955	1,500	5,793,392	5,684,528	108,864	9,064,989	189
128	79,545					31,085	10,150	1,020	19,915		166,588	163,438	3,150	400,129	190
82	34,925	24	8,300			9,528	1,232	521	7,775		86,629	85,586	1,043	206,000	191
213	102,419			3	750	34,276	9,400	324	24,552		210,225	201,447	8,778	408,677	192
83	37,648	14	3,190	6	1,074	9,301	4,325	817	4,159		73,637	71,037	2,600	169,744	193
95	46,892	131	31,288	52	8,954	152,215	20,404	1,358	86,203	44,250	193,452	189,404	4,048	684,958	194
327	212,847			6	988	49,698	14,895	2,206	27,641	4,956	470,868	466,821	4,047	1,018,068	195
82	39,478	1	320			25,818	4,774	384	5,660	15,000	78,155	74,085	4,070	231,093	196
105	53,420					7,370	5,965	400	1,005		54,131	52,813	1,318	220,100	197
433	294,288	1	500	21	3,872	89,271	28,366	1,089	54,093	5,723	93,969	89,690	4,279	673,262	198
107	63,313	38	12,731			55,422	17,256	3,462	14,717	19,987	1,116,494	1,107,477	9,017	1,345,761	199
80	45,301	80	25,818	3	624	59,814	11,365	1,381	46,418	650	158,088	154,679	3,409	441,563	200
1	600					952	883		69		2,281	2,159	122	8,775	201
3,110	1,652,055	391	137,527	392	100,678	464,828	107,436	18,916	321,176	17,300	5,061,480	4,979,092	82,388	8,867,995	202
155	82,753	404	110,791	72	11,850	1,503,558	19,465	5,181	1,478,912		1,036,759	1,027,552	9,207	3,054,540	203
2,263	1,260,375	543	162,962	55	8,155	670,330	96,394	6,072	563,914	3,950	1,843,531	1,829,001	14,530	5,119,602	204
147	81,468	21	4,320	7	980	15,141	4,302	1,850	8,989		86,224	82,716	3,508	278,090	205
54	20,482	31	8,496	1	115	20,157	1,862	253	12,042	6,000	35,851	35,217	634	139,756	206

CHICAGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
207	Trunks and valises	19	$680,289	$63,000	$118,000	$51,688	$447,601	17	72	$83,772	759	$369,413
208	Type founding	3	528,150		500	251,150	276,500	1	70	73,980	412	224,740
209	Typewriter repairing	4	8,765			565	8,200	3	2	1,940	19	12,074
210	Typewriters and supplies	4	357,365			199,983	157,382	1	63	33,650	231	121,822
211	Upholstering materials	11	416,416	87,211	63,762	85,797	229,646	5	50	74,632	470	163,256
212	Varnish	19	2,344,728	297,178	348,279	180,993	1,518,275	10	171	242,157	187	124,688
213	Vinegar and cider	8	766,230	139,350	198,900	287,180	140,800	3	65	91,102	122	63,863
214	Washing machines and clothes wringers.	4	31,750			2,950	28,800	3	2	2,000	20	10,368
215	Watch, clock, and jewelry repairing	365	249,044	9,900	13,905	84,520	140,719	376	30	22,551	328	197,802
216	Whips	3	35,525	500	500	7,025	27,500	3	6	2,520	126	29,916
217	Window shades	22	1,105,077	3,000	44,497	122,906	934,674	17	68	69,622	254	120,967
218	Wirework, including wire rope and cable.	20	195,740	16,000	13,800	65,277	100,663	20	12	10,573	141	59,796
219	Wood, turned and carved	49	263,683	5,500	2,200	107,268	148,715	53	33	34,065	581	282,958
220	Woodenware, not elsewhere specified	3	45,500			17,200	28,300		25	12,237	48	19,188
221	All other industries[1]	85	26,439,934	5,173,921	5,915,926	7,818,007	7,532,080	50	489	593,325	5,626	2,599,931

[1] Embraces axle grease, 2; belting and hose, rubber, 1; boot and shoe findings, 2; butter, reworking, 2; card cutting and designing, 1; cheese, butter, and condensed milk, factory product, 1; chocolate and cocoa products, 2; coke, 1; combs, 1; copper, smelting and refining, 1; cordage and twine, 1; cotton waste, 1; cutlery and edge tools, 2; drug grinding, 2; dye stuffs and extracts, 2; engravers' materials, 1; felt goods, 1; files, 1; fire extinguishers, chemical, 2; fireworks, 2; fuel, artificial, 1; galvanizing, 2; gas and oil stoves, 1; glucose, 1; glue, 1; hardware, saddlery, 2; hat and cap materials, 1; horseshoes, factory product, 1; ice, artificial, 2; ivory and bone work, 2; kaolin and other earth grinding, 1; lard, refined, 1; lasts, 2; lead, bar, pipe, and sheet, 2; lead, smelting and refining, 1;

DECATUR.

1	All industries	239	$3,632,263	$373,650	$436,862	$850,974	$1,970,777	255	268	$220,109	2,318	$994,659
2	Agricultural implements	5	624,830	81,000	49,004	64,391	430,435	4	28	32,252	193	81,979
3	Bicycle and tricycle repairing	5	2,915			2,365	550	8			6	3,050
4	Blacksmithing and wheelwrighting	13	30,385	12,625	4,000	3,275	9,685	16			36	15,584
5	Boots and shoes, custom work and repairing.	15	4,095	550	400	935	2,210	16			5	2,792
6	Bread and other bakery products	8	151,497	5,100	4,000	104,684	37,713	7	14	12,216	61	28,631
7	Carpentering	6	5,625			1,600	4,025	7			18	9,900
8	Clothing, men's, custom work and repairing.	13	18,725			1,400	17,325	15	2	1,500	40	17,416
9	Clothing, women's, dressmaking	7	17,825			2,160	15,665	8	6	2,200	24	7,981
10	Confectionery	5	8,575	2,000	500	1,600	4,475	8	3	976	4	1,501
11	Dyeing and cleaning	4	2,150			1,510	640	4			3	1,360
12	Flavoring extracts	4	25,650			2,250	23,400	2	4	3,300	20	5,710
13	Flouring and grist mill products	5	530,215	60,000	108,000	160,800	201,415	1	25	25,680	103	61,826
14	Foundry and machine shop products	6	113,086	22,000	6,000	29,870	55,216	7	12	10,700	195	99,944
15	Lumber, planing mill products, including sash, doors, and blinds.	3	160,024	32,000	17,720	21,267	89,037		12	9,000	69	37,472
16	Millinery, custom work	12	21,575			1,675	19,900	12	22	6,755	45	9,387
17	Painting, house, sign, etc	8	4,225			1,875	2,350	8			23	11,250
18	Patent medicines and compounds	3	24,954			6,376	18,578	4	6	6,146	13	4,650
19	Photography	6	7,411	1,500	1,200	1,875	2,836	6	1	156	7	2,332
20	Plumbing, and gas and steam fitting	6	40,850	3,000	1,400	3,800	32,650	9	2	750	68	36,911
21	Printing and publishing, book and job	5	19,075	1,000	1,000	12,065	5,010	5	6	2,209	16	6,696
22	Printing and publishing, newspapers and periodicals.	6	74,157			43,272	30,885	6	17	12,490	102	32,014
23	Saddlery and harness	6	66,725			6,165	60,560	6	3	3,280	31	13,254
24	Tinsmithing, coppersmithing, and sheet-iron working.	12	50,800	8,600	5,000	12,300	24,900	12	6	3,600	58	32,903
25	Tobacco, cigars and cigarettes	19	44,169	11,750	6,025	919	25,475	21	3	2,000	55	27,398
26	Watch, clock, and jewelry repairing	9	4,830			2,150	2,680	11	3	300	8	3,175
27	All other industries[1]	48	1,577,895	132,625	231,713	360,895	852,662	52	93	84,599	1,110	453,540

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; bottling, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 1; carriage and wagon materials, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; electrical construction and repairs, 1; furniture,

EAST ST. LOUIS.

1	All industries	183	$10,466,412	$1,251,801	$1,888,783	$2,809,593	$4,516,235	180	274	$290,088	5,642	$2,624,749
2	Blacksmithing and wheelwrighting	9	10,965	3,700	3,800	805	2,660	9			10	6,779
3	Boots and shoes, custom work and repairing.	14	8,083	2,200	4,600	795	488	14			2	1,040
4	Bread and other bakery products	9	27,135	5,200	13,000	3,350	5,585	8			29	16,277
5	Carpentering	25	56,180	500	350	4,935	50,345	31			123	95,801
6	Carriages and wagons	3	16,650	3,100	11,000	1,150	1,400	4			13	8,745
7	Cars and general shop construction and repairs by steam railroad companies.	5	177,624	55,000	56,510	27,512	38,602		18	9,323	330	199,759
8	Clothing, men's, custom work and repairing.	11	11,875			700	11,175	11	1	1,000	24	14,104
9	Foundry and machine shop products	3	901,033	80,951	248,996	152,112	418,974		23	37,028	867	432,725
10	Lumber, planing mill products, including sash, doors, and blinds.	3	29,190	5,050	3,698	7,366	13,076	5	1	840	40	23,058
11	Millinery, custom work	3	825			75	750	3			1	394

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHICAGO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
623	$334,458	64	$20,271	72	$14,684	$48,060	$12,702	$3,376	$31,982	----------	$493,139	$189,141	$3,998	$1,194,813	207
289	192,800	98	28,340	25	3,600	90,132	20,056	9,476	60,600	----------	316,582	307,923	8,659	1,107,112	208
19	12,074	----------	----------	----------	----------	1,670	870	5	675	$120	15,300	15,300	----------	39,100	209
229	121,597	2	225	----------	----------	51,056	6,638	953	42,145	1,320	61,276	59,381	1,895	279,489	210
147	77,650	267	76,866	56	8,740	66,693	16,900	2,633	43,050	4,110	390,103	383,955	6,148	815,593	211
177	122,980	9	1,552	1	156	138,423	5,611	10,498	120,584	1,730	1,276,709	1,259,424	17,285	2,190,265	212
114	61,641	8	2,222	----------	----------	78,961	2,766	5,707	70,489	----------	413,483	397,386	16,097	681,003	213
19	10,264	----------	----------	1	104	9,448	2,350	38	7,060	----------	25,322	24,912	410	58,910	214
313	194,954	4	1,062	11	1,786	93,951	70,188	1,288	12,978	9,497	128,437	122,146	6,291	717,902	215
83	21,210	10	2,706	33	6,000	8,282	1,950	357	975	----------	32,673	32,527	146	82,400	216
188	101,294	63	18,437	3	1,236	41,494	10,808	2,135	28,551	----------	1,144,060	1,137,350	6,710	1,551,635	217
129	67,795	----------	----------	12	2,001	31,351	5,818	518	25,515	----------	154,285	150,322	3,963	333,357	218
553	277,314	7	1,350	21	4,294	52,554	28,954	1,068	22,432	100	220,494	203,918	16,576	718,844	219
37	16,962	3	984	8	1,242	8,752	2,457	68	5,351	876	27,602	26,702	900	73,158	220
4,736	2,346,721	751	216,644	139	36,566	1,157,485	72,955	64,809	985,663	34,058	25,212,391	24,779,806	432,585	34,691,974	221

lumber and timber products, 2; mantels, slate, marble, and marbleized, 1; needles and pins, 1; paper and wood pulp, 1; pencils, lead, 1; pens, gold, 2; phonographs and graphophones, 1; pocketbooks, 1; pulp goods, 1; pumps, not including steam pumps; 1; registers, car fare, 1; safes and vaults, 1; screws, machine, 2; sewing machine cases, 1; shipbuilding, iron and steel, 1; silversmithing, 2; starch, 2; tin and terne plate, 1; tinfoil, 1; umbrellas and canes, 1; vault lights and ventilators, 2; watch cases, 2; windmills, 2; wood, preserving, 1; woolen goods, 1; wool pulling, 1; wool scouring, 1.

DECATUR.

1,956	$926,631	340	$65,689	17	$2,339	$219,713	$45,502	$17,863	$155,879	$469	$3,690,802	$3,622,049	$68,753	$5,896,492	1
193	81,979	----------	----------	----------	----------	24,664	60	2,005	22,599	----------	156,946	152,110	4,836	368,405	2
6	3,050	----------	----------	----------	----------	938	670	15	253	----------	5,925	5,838	87	18,205	3
35	15,384	----------	----------	1	200	2,484	1,745	260	479	----------	15,334	14,664	670	55,208	4
5	2,792	----------	----------	----------	----------	1,123	942	67	114	----------	3,948	3,816	132	14,594	5
58	22,899	3	732	----------	----------	5,928	3,286	335	2,307	----------	100,355	97,834	2,521	202,161	6
18	9,900	----------	----------	----------	----------	34	30	4	----------	----------	28,388	28,388	----------	49,274	7
30	15,119	10	2,297	----------	----------	2,539	1,590	281	668	----------	23,567	23,106	461	64,998	8
3	2,000	21	5,981	----------	----------	1,677	1,253	101	323	----------	15,445	15,293	152	37,219	9
3	1,144	1	360	----------	----------	1,312	910	57	345	----------	12,599	12,392	207	23,432	10
3	1,360	----------	----------	----------	----------	871	646	13	212	----------	1,219	864	355	8,380	11
10	3,650	10	2,060	----------	----------	3,779	1,035	117	2,627	----------	25,703	25,463	240	54,167	12
103	61,826	----------	----------	----------	----------	33,866	----------	2,915	30,951	----------	1,807,087	1,779,274	27,813	1,992,720	13
195	90,944	----------	----------	----------	----------	5,869	2,650	424	2,795	----------	57,216	53,878	3,338	225,827	14
69	37,472	----------	----------	----------	----------	5,700	750	1,050	3,900	----------	119,535	118,560	975	179,230	15
----------	----------	45	9,387	----------	----------	6,107	3,210	504	2,393	----------	53,240	53,114	126	91,047	16
23	11,250	----------	----------	----------	----------	543	343	5	195	----------	5,855	5,845	10	25,170	17
7	3,600	6	1,050	----------	----------	2,982	1,300	142	1,540	----------	13,078	12,953	125	29,530	18
3	1,560	4	772	----------	----------	1,389	990	53	346	----------	4,946	4,718	228	13,478	19
68	36,911	----------	----------	----------	----------	2,554	1,566	242	746	----------	91,753	91,365	388	161,000	20
16	6,696	----------	----------	----------	----------	2,303	804	52	1,447	----------	9,244	8,589	655	27,310	21
92	30,168	7	1,560	3	286	5,672	2,699	203	2,705	65	17,420	15,267	2,153	112,296	22
29	12,704	1	450	1	100	5,066	2,606	375	2,085	----------	26,744	26,227	517	55,644	23
58	32,903	----------	----------	----------	----------	3,876	1,866	256	1,350	404	51,551	51,144	407	121,013	24
50	26,741	----------	----------	5	657	14,766	3,534	364	10,868	----------	26,717	26,378	339	96,505	25
8	3,175	----------	----------	----------	----------	1,658	1,350	55	253	----------	9,349	9,309	40	22,905	26
871	411,404	232	41,040	7	1,096	82,013	9,667	7,968	64,378	----------	1,007,638	985,660	21,978	1,846,774	27

cabinetmaking, repairing, and upholstering, 1; gas, illuminating and heating, 1; hand stamps, 1; ice, artificial, 1; liquors, malt, 1; looking-glass and picture frames, 2; lumber and timber products, 2; marble and stone work, 1; masonry, brick and stone, 2; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 2; paper hanging, 1; plastering and stuccowork, 1; pumps, not including steam pumps, 1; refrigerators, 1; slaughtering and meat packing, wholesale, 2; tools, not elsewhere specified, 1; trunks and valises, 1; wirework, including wire rope and cable, 2.

EAST ST. LOUIS.

5,293	$2,543,900	111	$36,041	238	$44,808	$609,809	$24,008	$29,904	$499,004	$56,893	$28,300,150	$28,047,840	$252,310	$33,559,611	1
10	6,779	----------	----------	----------	----------	615	445	60	110	----------	6,215	5,851	364	24,384	2
2	1,040	----------	----------	----------	----------	670	610	31	29	----------	2,455	2,312	143	11,875	3
29	16,277	----------	----------	----------	----------	4,041	3,220	254	567	----------	52,649	51,224	1,425	94,787	4
123	95,801	----------	----------	----------	----------	58,554	934	73	863	56,684	309,931	309,535	396	538,351	5
13	8,745	----------	----------	----------	----------	398	240	50	108	----------	4,156	3,951	205	19,423	6
330	199,759	----------	----------	----------	----------	6,209	----------	1,899	4,310	----------	182,740	178,967	3,773	398,031	7
23	13,792	1	312	----------	----------	2,769	2,498	134	142	----------	26,823	26,576	247	63,689	8
862	430,905	5	1,820	----------	----------	41,451	----------	4,070	37,381	----------	662,208	606,559	55,649	1,267,812	9
40	23,058	----------	----------	----------	----------	1,893	1,360	216	317	----------	66,091	65,486	605	111,308	10
----------	----------	1	394	----------	----------	645	570	13	62	----------	2,240	2,224	16	4,635	11

TABLE 8.—MANUFACTURES IN CITIES

EAST ST. LOUIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Mineral and soda waters	3	$7,750			$2,400	$5,350	2			15	$8,868
13	Painting, house, sign, etc	15	7,384			1,310	6,074	18			28	12,974
14	Paper hanging	3	2,455		$200	180	2,075	3			6	2,850
15	Paving and paving materials	5	31,040	$5,000	200	7,375	18,465	6	4	$3,840	185	50,323
16	Photography	3	3,050			1,250	1,800	3			8	1,056
17	Plumbing, and gas and steam fitting	5	18,825			2,525	16,300	6	3	2,160	56	41,290
18	Printing and publishing, newspapers and periodicals.	5	44,650	4,000	5,000	27,700	7,950	4	4	4,500	41	17,926
19	Roofing and roofing materials	3	20,725	2,500	1,500	2,225	14,500	3	1	780	21	10,460
20	Saddlery and harness	3	5,750			950	4,800	3			4	2,256
21	Tinsmithing, coppersmithing, and sheet-iron working.	7	9,800			3,750	6,050	8			17	11,087
22	Tobacco, cigars and cigarettes	4	3,645			245	3,400	6			9	3,595
23	Watch, clock, and jewelry repairing	8	12,095		60	3,410	8,625	9			3	1,952
24	All other industries[1]	34	9,059,683	1,084,600	1,539,869	2,557,423	3,877,791	24	219	230,617	3,815	1,662,340

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; brooms and brushes, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 2; clothing, women's, dressmaking, 1; confectionery, 1; cooperage, 1; dyeing and cleaning, 2; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 1; gas, illuminating and heating, 1; glass, 1; ice, artificial, 1; iron and steel, 1; kaolin and other earth

ELGIN.

1	All industries	209	$8,603,283	$729,618	$1,173,287	$3,059,098	$3,641,280	238	158	$191,584	4,764	$2,249,009
2	Bicycle and tricycle repairing	3	2,025			1,300	725	3			8	2,950
3	Blacksmithing and wheelwrighting	16	17,520	4,000	4,000	2,075	7,445	17			26	12,029
4	Boots and shoes, custom work and repairing.	9	1,815			820	495	9			2	468
5	Bread and other bakery products	5	8,294			5,229	3,065	4	4	2,652	35	17,680
6	Carpentering	15	11,620	715	3,075	3,570	4,260	16			84	39,256
7	Cheese, butter, and condensed milk, factory product.	3	346,701	31,540	143,885	41,776	129,500	1	4	5,400	137	52,700
8	Clothing, men's, custom work and repairing.	14	12,485			1,595	10,890	17			27	13,749
9	Clothing, women's, dressmaking	4	1,540			390	1,150	5			22	4,950
10	Confectionery	4	57,340	5,000	1,500	19,700	31,140	4	5	5,950	149	32,628
11	Cooperage	3	123,580	22,600	32,000	18,744	50,236	1	1	1,500	191	86,575
12	Foundry and machine shop products	7	143,028	10,103	14,400	26,660	91,865	5	9	10,220	147	74,977
13	Masonry, brick and stone	5	700			700		5			33	9,523
14	Millinery, custom work	10	14,204			2,055	12,149	14	1	200	25	8,188
15	Monuments and tombstones	3	10,350	300	150	1,400	9,000	4			7	4,100
16	Painting, house, sign, etc	7	12,505			2,595	9,910	7	3	2,310	44	22,620
17	Paving and paving materials	4	49,300	37,700	3,000	6,900	1,700	3	1	200	36	18,026
18	Photography	4	5,170		1,050	3,350	770	4			7	2,234
19	Plumbing, and gas and steam fitting	8	17,195			2,920	14,275	16			25	12,722
20	Printing and publishing, book and job	3	98,546	6,000	17,000	36,632	38,914	4	6	4,000	39	15,329
21	Printing and publishing, newspapers and periodicals.	7	351,761	19,000	75,078	150,965	106,718	6	12	45,140	232	110,499
22	Saddlery and harness	4	20,827			1,115	19,712	4			10	5,720
23	Tinsmithing, coppersmithing, and sheet-iron working.	7	13,400			4,100	9,300	14			14	8,479
24	Tobacco, cigars and cigarettes	11	24,275	1,500	500	980	21,295	14			42	16,462
25	Watch, clock, and jewelry repairing	7	5,090			3,185	1,905	8			9	6,231
26	All other industries[1]	46	7,254,012	591,160	877,649	2,720,342	3,064,861	53	112	114,012	3,413	1,670,918

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boxes, wooden packing, 1; brooms and brushes, 2; butter, reworking, 1; carpets, rag, 2; carriages and wagons, 2; clothing, women's, factory product, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; flouring and grist mill products, 2; food preparations, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 2; house furnishing goods, not elsewhere

JOLIET.

1	All industries	455	$15,452,196	$3,138,450	$1,919,258	$3,984,885	$6,409,603	484	407	$359,105	6,523	$3,957,529
2	Agricultural implements	3	137,546	20,000	18,933	27,529	76,084	1	5	5,500	62	33,059
3	Bicycle and tricycle repairing	5	2,780			1,250	1,480	5			7	2,018
4	Blacksmithing and wheelwrighting	30	45,732	21,525	12,050	5,390	6,767	34			29	13,203
5	Boots and shoes, custom work and repairing.	18	4,182	250	865	2,220	1,847	17			13	5,805
6	Bread and other bakery products	18	43,415	12,500	15,975	9,233	5,707	19	6	1,649	46	22,953
7	Carpentering	61	47,764	6,440	6,450	12,335	22,539	74	2	1,200	151	101,182
8	Carpets, rag	3	736			510	226	3	1	5	2	581
9	Carriages and wagons	3	10,210	2,500	4,500	1,130	2,080	3			7	4,200
10	Clothing, men's, custom work and repairing.	23	25,241	1,850	1,650	2,500	19,241	23			47	24,363
11	Clothing, women's, dressmaking	28	6,650	705	1,050	2,787	2,108	30			47	9,337
12	Confectionery	7	12,480	1,100	1,300	6,770	3,310	9			11	5,149
13	Electrical construction and repairs	3	2,970			1,130	1,840	4	1	240	3	1,005
14	Flouring and grist mill products	5	10,345	100	2,500	3,800	3,945	6	2	1,100	3	1,570
15	Foundry and machine shop products	11	634,322	62,022	76,850	130,163	365,287	14	35	44,709	481	265,115
16	Furniture, cabinetmaking, repairing, and upholstering.	10	19,065			2,425	16,640	10	3	414	25	9,426

BY SPECIFIED INDUSTRIES: 1900—Continued.

EAST ST. LOUIS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
15	$8,868					$1,459	$900	$24	$535		$5,593	$5,497	$96	$35,858	12
22	11,294	6	$1,680			1,462	848	47	493	$74	9,828	9,667	161	47,645	13
6	2,850					538	342	19	177		2,182	2,164	18	9,365	14
185	50,323					1,869	192	19	1,658		39,904	39,279	625	127,810	15
1	536	2	520			1,211	1,160	29	22		4,087	4,017	70	14,285	16
56	41,290					1,054	660	162	232		57,899	57,695	204	123,305	17
23	11,902	9	3,896	9	$1,228	4,176	869	104	3,068	135	12,158	11,364	794	56,452	18
21	10,450					242	165	35	42		18,092	17,992	100	40,965	19
4	2,256					940	856	29	55		2,611	2,577	34	8,820	20
17	11,087					529	422	79	28		32,359	32,124	235	66,687	21
8	3,493			1	102	2,166	484	14	1,668		6,811	6,751	60	17,653	22
3	1,952					1,237	740	19	478		1,033	930	103	11,265	23
3,500	1,591,443	87	27,419	228	43,478	475,681	6,498	22,524	446,659		26,792,085	26,605,098	186,987	30,465,646	24

grinding, 1; liquors, malt, 1; masonry, brick and stone, 2; oleomargarine, 1; patent medicines and compounds, 1; plastering and stuccowork, 2; printing and publishing, book and job, 2; sewing machine repairing, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 2; wood, turned and carved, 1.

ELGIN.

2,860	$1,560,159	1,787	$674,420	117	$14,430	$450,773	$44,911	$34,846	$352,516	$18,500	$2,953,582	$2,876,731	$76,851	$7,161,637	1
8	2,950					957	715	21	221		4,897	4,670	227	11,300	2
26	12,029					2,731	2,267	228	236		9,586	8,850	736	42,273	3
2	468					736	684	17	35		2,930	2,836	94	10,128	4
31	16,822	4	858			2,540	2,184	83	273		34,773	33,902	871	77,343	5
84	39,256					472	336	52	84		79,519	79,249	270	181,162	6
74	33,874	63	18,826			12,365	100	4,492	7,773		645,744	629,392	16,352	851,995	7
20	11,050	7	2,690			3,555	2,337	113	1,105		22,160	21,739	421	57,685	8
		22	4,950			1,077	552	9	516		6,003	6,003		15,247	9
33	10,768	84	19,120	32	2,750	15,244	3,440	240	11,564		108,455	101,723	6,732	181,014	10
190	86,055	1	520			3,667		820	2,847		228,103	227,450	653	315,231	11
147	74,977					9,530	4,630	807	4,093		77,443	76,153	1,290	194,367	12
33	9,528					4	4				10,012	10,012		29,040	13
		25	8,188			4,892	3,862	207	823		38,051	37,829	222	65,170	14
7	4,100					412	172	62	178		26,150	26,125	25	37,500	15
44	22,620					1,859	1,428	64	367		13,134	13,026	108	63,393	16
36	18,026					437		302	135		12,665	12,290	375	48,277	17
2	631	5	1,603			1,200	1,068	25	107		3,649	3,617	132	9,910	18
25	12,722					2,211	1,678	307	226		48,235	47,881	354	88,433	19
23	8,929	15	6,300	1	100	22,742	550	82	3,610	18,500	30,536	29,416	1,120	87,100	20
135	77,167	94	32,782	3	550	140,033	7,550	2,019	130,464		146,556	143,345	3,211	501,616	21
10	5,720					2,018	1,440	136	442		8,489	8,383	106	19,627	22
14	8,479					1,506	1,206	104	196		13,835	13,426	409	30,832	23
41	16,312			1	150	9,245	2,286	44	6,915		26,219	26,009	210	59,693	24
8	5,931	1	300			1,656	1,350	75	231		1,937	1,826	111	11,980	25
1,867	1,081,755	1,466	578,283	80	10,880	209,684	5,072	24,537	180,075		1,354,501	1,311,679	42,822	4,171,321	26

specified, 1; liquors, malt, 1; looking-glass and picture frames, 2; marble and stone work, 1; mineral and soda waters, 1; plastering and stuccowork, 2; regalia and society banners and emblems, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; stamped ware, 1; tools, not elsewhere specified, 1; watch and clock materials, 2; watch cases, 2; watches, 1; windmills, 1; wood, turned and carved, 1.

JOLIET.

6,271	$3,899,701	213	$49,274	39	$8,554	$1,718,339	$51,459	$75,219	$1,320,660	$271,001	$17,891,836	$16,002,395	$1,889,441	$27,765,104	1
62	33,059					5,099	220	749	4,130		82,999	81,719	1,280	142,615	2
5	1,710	1	200	1	103	814	564	15	135	100	8,345	8,142	203	10,945	3
29	13,203					4,017	2,342	342	1,333		14,238	12,899	1,339	57,511	4
13	5,805					1,731	1,526	40	165		6,591	6,356	235	23,376	5
84	19,614	11	3,210	1	129	9,035	3,273	366	5,396		55,893	53,407	2,486	136,931	6
150	100,872			1	260	131,155	592	178	4,229	126,156	264,149	263,905	244	565,369	7
2	581					347	264	2	27	54	1,052	1,028	24	3,131	8
7	4,200					842	270	67	505		5,551	5,367	184	13,765	9
35	21,116	12	3,247			5,684	3,499	163	1,272	750	35,328	34,142	1,186	84,997	10
		47	9,837			2,257	1,944	55	251	7	18,098	17,677	421	44,339	11
9	4,379	2	770			2,633	1,333	80	1,170	50	17,663	17,271	392	30,530	12
3	1,005					535	505	13	17		1,781	1,740	41	6,091	13
3	1,570					1,023	546	73	404		23,948	22,863	1,085	33,240	14
474	263,144	7	1,971			63,277	722	4,003	57,652	900	332,648	322,172	10,476	794,692	15
22	8,626	3	800			2,755	971	13	1,737	34	29,302	29,107	195	49,732	16

TABLE 8.—MANUFACTURES IN CITIES

JOLIET—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Iron and steel	5	$7,876,817	$2,113,595	$1,149,742	$2,168,433	$2,445,047	-------	148	$91,967	2,778	$1,936,613
18	Lumber, planing mill products, including sash, doors, and blinds.	6	84,920	16,000	23,200	15,013	30,707	4	4	4,020	34	24,173
19	Marble and stone work	3	734,500	507,000	74,500	123,300	29,700	1	19	18,284	127	54,743
20	Masonry, brick and stone	17	18,865	2,940	1,185	3,595	11,145	19	1	600	73	47,535
21	Millinery, custom work	13	20,485	2,000	2,000	3,085	13,400	11	1	600	41	10,703
22	Mineral and soda waters	5	10,510	-------	-------	6,950	3,560	6	-------	-------	11	4,870
23	Monuments and tombstones	5	26,086	5,900	3,700	2,075	14,411	7	2	500	7	4,521
24	Painting, house, sign, etc	27	26,698	2,125	1,780	5,953	16,840	34	2	384	56	33,169
25	Paper hanging	3	4,012	150	660	802	2,400	3	-------	-------	2	2,095
26	Patent medicines and compounds	3	33,134	2,600	8,350	3,660	18,524	3	16	9,279	13	3,812
27	Paving and paving materials	12	39,685	1,400	3,400	25,090	9,795	16	1	540	68	29,125
28	Photography	6	7,633	-------	250	4,500	2,883	7	-------	-------	5	2,708
29	Plastering and stuccowork	13	6,725	2,600	775	1,925	1,425	20	-------	-------	20	13,918
30	Plumbing, and gas and steam fitting	13	45,705	4,325	5,550	7,105	28,725	14	4	6,500	84	57,023
31	Printing and publishing, book and job	5	14,438	-------	-------	11,300	3,138	4	3	1,680	14	4,092
32	Printing and publishing, newspapers and periodicals.	8	109,032	1,000	500	75,830	31,702	5	24	20,608	91	42,899
33	Saddlery and harness	5	23,020	7,000	7,600	1,280	7,140	4	-------	-------	9	4,315
34	Tinsmithing, coppersmithing, and sheet-iron working.	5	3,500	400	200	1,300	1,600	6	-------	-------	4	1,491
35	Tobacco, cigars and cigarettes	16	34,410	3,250	1,990	5,710	23,460	18	-------	-------	55	27,973
36	Watch, clock, and jewelry repairing	9	5,991	150	150	2,750	2,941	9	-------	-------	12	8,080
37	All other industries[1]	48	5,322,642	337,023	497,103	1,306,057	3,182,459	41	127	149,326	2,085	1,134,765

[1] Embraces awnings, tents, and sails, 1; boots and shoes, factory product, 1; bottling, 1; brick and tile, 2; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; chemicals, 1; clothing, women's, factory product, 1; cooperage, 1; cutlery and edge tools, 1; dyeing and cleaning, 1; electrical apparatus and supplies, 1; flavoring extracts, 2; food preparations, 1; furniture, factory product, 2; gas, illuminating and heating, 1; grease and tallow, 2; ice, artificial, 1; iron and steel, nails and spikes, cut and wrought, including

PEORIA.

1	All industries	871	$27,971,613	$5,147,070	$6,088,827	$8,283,473	$8,452,243	911	767	$768,574	8,022	$3,901,186
2	Agricultural implements	8	3,311,512	132,394	367,652	265,746	2,545,720	7	92	102,062	924	498,169
3	Awnings, tents, and sails	3	5,415	-------	-------	965	4,450	5	1	600	12	5,520
4	Bicycle and tricycle repairing	10	8,360	-------	-------	3,310	5,050	13	-------	-------	15	6,808
5	Blacksmithing and wheelwrighting	42	65,392	26,075	18,150	11,854	9,313	45	2	310	62	33,982
6	Boots and shoes, custom work and repairing.	38	12,016	5,475	3,575	2,268	698	40	-------	-------	14	6,940
7	Bread and other bakery products	42	300,664	27,500	44,900	140,485	87,779	42	37	13,328	211	76,361
8	Brick and tile	5	66,530	35,000	6,700	4,300	20,530	6	-------	-------	63	26,420
9	Brooms and brushes	3	7,135	3,700	2,700	225	510	3	-------	-------	5	1,800
10	Carpentering	79	211,945	35,600	49,975	25,720	100,650	86	11	9,082	431	268,616
11	Carpets, rag	7	5,135	1,900	1,700	910	625	7	-------	-------	18	8,750
12	Carriages and wagons	9	156,723	18,530	34,492	18,171	85,530	9	8	7,420	129	58,299
13	Cars and general shop construction and repairs by steam railroad companies.	4	178,001	27,500	54,650	44,100	51,751	-------	10	12,195	207	118,323
14	Clothing, men's, custom work and repairing.	56	107,005	6,200	7,300	10,715	82,790	61	4	3,696	202	100,544
15	Clothing, men's, factory product	4	182,500	-------	-------	20,000	162,500	3	29	34,250	272	88,679
16	Clothing, women's, dressmaking	94	42,607	14,450	13,250	6,000	8,907	100	4	3,600	199	48,223
17	Confectionery	9	68,475	3,000	4,500	16,400	44,575	11	3	2,080	69	19,705
18	Cooperage	4	871,773	45,617	19,800	330,957	475,399	1	22	34,000	760	355,847
19	Dyeing and cleaning	5	36,250	20,300	13,000	2,200	750	5	-------	-------	11	3,397
20	Electrical construction and repairs	5	22,750	-------	-------	1,650	21,100	4	1	312	20	10,191
21	Electroplating	3	8,300	-------	-------	5,400	2,900	6	-------	-------	6	2,754
22	Flouring and grist mill products	4	178,200	18,000	27,000	38,000	95,200	6	8	6,596	29	15,436
23	Foundry and machine shop products	22	634,160	39,500	64,100	108,488	422,072	20	74	59,813	405	199,668
24	Furniture, cabinetmaking, repairing, and upholstering.	10	125,727	10,000	75,000	3,277	37,450	9	1	600	54	26,036
25	Furniture, factory product	3	34,050	500	1,500	11,000	21,050	6	-------	-------	53	28,565
26	Lamps and reflectors	3	4,330	700	250	1,270	2,110	3	1	600	18	6,539
27	Liquors, distilled	11	2,467,131	161,586	455,553	1,500,512	349,480	-------	33	53,224	213	123,548
28	Liquors, malt	3	847,623	94,500	179,834	165,528	407,761	-------	26	35,350	89	47,330
29	Looking-glass and picture frames	3	5,675	-------	-------	675	5,000	2	-------	-------	5	2,856
30	Lumber, planing mill products, including sash, doors, and blinds.	3	118,106	9,000	22,347	20,797	65,962	2	8	6,680	59	31,533
31	Malt	3	146,445	-------	25,000	7,500	113,945	1	4	8,450	35	22,101
32	Masonry, brick and stone	26	82,902	11,550	17,450	10,050	43,852	31	6	7,364	242	157,666
33	Millinery, custom work	21	43,980	4,750	6,550	7,710	24,970	20	20	9,550	80	21,678
34	Mineral and soda waters	4	22,300	-------	-------	15,000	7,300	5	-------	-------	25	13,514
35	Monuments and tombstones	3	60,728	9,600	6,853	1,675	42,600	6	7	5,760	18	10,000
36	Painting, house, sign, etc	61	94,680	25,375	28,575	4,815	35,915	67	8	4,866	150	87,847
37	Paper hanging	4	2,825	400	300	90	2,035	6	-------	-------	4	2,250
38	Patent medicines and compounds	6	13,885	1,500	500	810	11,075	5	1	600	9	3,858
39	Paving and paving materials	15	25,974	2,500	4,800	7,875	10,799	20	7	2,600	117	32,271
40	Photography	14	19,535	2,000	2,200	7,650	7,685	15	-------	-------	22	9,168
41	Plastering and stuccowork	13	29,355	4,200	11,825	3,505	9,825	16	-------	-------	42	25,470

BY SPECIFIED INDUSTRIES: 1900—Continued.

JOLIET—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,771	$1,933,813			7	$2,800	$765,331		$43,075	$722,256		$9,487,839	$7,776,893	$1,710,946	$13,380,090	17
34	24,173					5,336	$771	469	4,036	$60	50,507	49,565	942	101,420	18
127	64,743					41,715	8,000	415	29,500	3,800	44,058	40,364	3,694	203,906	19
73	47,535					4,703	71	67	1,953	2,612	36,134	36,134		112,692	20
		41	$10,703			5,707	3,808	229	1,670		34,467	34,420	47	63,294	21
11	4,870					2,540	1,336	74	1,130		15,670	15,444	226	30,040	22
7	4,521					1,413	444	121	848		24,274	24,225	49	38,282	23
53	32,611	1	228	2	330	4,345	1,690	130	2,456	69	31,394	31,204	190	89,109	24
2	2,095					208	34	16	158		2,476	2,487	89	7,920	25
3	1,281	10	2,531			11,367		85	11,282		12,721	12,517	204	42,791	26
68	29,125					2,959	132	155	2,372	300	31,148	28,548	2,600	79,529	27
3	1,871	2	832			2,583	1,842	60	681		4,385	4,315	70	17,262	28
20	13,918					1,153	44	46	813	250	17,022	17,022		42,014	29
82	56,717			2	306	5,117	2,352	290	2,410	65	78,452	77,823	629	174,126	30
13	3,885	1	207			1,550	1,052	119	344	35	5,903	5,535	368	16,466	31
81	41,193	9	1,560	1	146	20,283	4,609	437	14,683	554	34,262	32,517	1,745	142,281	32
9	4,315					398	60	157	171		8,465	8,368	97	15,922	33
3	1,247			1	244	653	302	42	309		3,660	3,583	77	10,452	34
42	25,958	9	1,534	4	481	14,416	2,309	96	12,011		35,836	35,572	264	96,338	35
12	8,080					2,433	1,336	38	459	600	8,721	8,508	213	25,006	36
2,009	1,118,866	57	12,144	19	3,755	592,935	2,696	22,939	432,695	134,605	7,031,856	6,884,606	147,250	11,078,897	37

wire nails, 2; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, malt, 2; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber and timber products, 1; mattresses and spring beds, 1; models and patterns, 2; paints, 1; roofing and roofing materials, 2; sausage, 1; slaughtering and meat packing, wholesale, 2; tin and terne plate, 1; windmills, 1; wire, 2; wirework, including wire rope and cable, 1; wood, turned and carved, 1.

PEORIA.

6,945	$3,637,390	1,021	$256,536	56	$7,260	$25,122,825	$202,821	$83,093	$24,669,859	$167,052	$14,986,348	$14,408,981	$577,367	$48,871,596	
915	494,206	8	3,800	1	163	291,004	1,665	4,701	284,638		1,016,314	997,524	18,790	2,372,329	2
6	3,680	6	1,840			1,230	840	10	380		20,026	19,896	130	35,700	3
15	6,808					3,503	2,221	46	1,236		9,470	9,140	330	26,326	4
62	32,982					6,448	4,381	597	1,470		27,675	25,639	2,036	117,292	5
14	6,940					2,955	2,602	78	280		12,150	11,865	285	41,286	6
126	60,631	83	15,495	2	235	31,178	9,237	1,574	20,367		325,411	317,527	7,884	561,816	7
59	25,700			4	720	1,790	480	684	626		10,085	3,224	6,861	60,000	8
5	1,800					102		65	37		5,125	5,105	20	7,800	9
431	268,616					156,704	4,488	1,512	6,172	144,532	583,201	582,383	818	1,238,591	10
13	7,369	3	1,108	2	273	984	731	62	191		2,965	2,790	175	16,880	11
129	58,299					11,177	2,242	594	8,341		143,062	141,045	2,017	246,978	12
207	118,323					8,223	4,301	1,435	2,437		73,292	69,933	3,359	212,033	13
150	84,638	52	15,906			25,513	17,108	431	7,974		104,382	103,332	1,050	312,766	14
31	21,010	239	67,477	2	192	9,545	5,698	952	2,895		188,931	186,526	2,405	373,280	15
2	2,000	196	41,108	1	115	12,823	9,549	420	2,854		23,723	22,600	1,123	143,257	16
34	13,185	34	6,426	1	95	9,111	4,616	310	4,185		80,727	79,837	890	143,450	17
750	355,847					46,425	60	2,300	44,065		776,292	766,898	9,394	1,325,485	18
7	2,315	3	982	1	100	2,316	1,128	280	908		1,348	1,025	323	14,426	19
20	10,191					3,262	1,620	77	1,565		18,229	17,974	255	50,000	20
6	2,754					985	480	10	495		1,482	1,055	427	8,650	21
29	15,436					19,618	200	1,014	18,404		395,366	390,866	4,500	496,802	22
400	199,092			5	576	88,137	6,581	3,403	78,203		546,353	529,276	17,077	1,025,373	23
44	24,174	10	1,862			6,912	2,984	160	3,768		20,554	20,472	82	69,730	24
53	28,565					2,761	1,518	169	1,074		50,126	48,985	1,141	91,220	25
18	6,589					899	300	44	55		20,538	20,435	103	34,500	26
212	123,333	1	215			23,525,087	32,170	10,671	23,482,246		2,553,710	2,390,593	163,117	26,792,354	27
86	46,606	3	724			251,344		5,794	245,550		112,470	100,394	12,076	530,875	28
4	2,256	1	600			2,025	1,435	50	540		10,875	10,875		19,985	29
59	31,533					16,115	495	620	13,800	1,200	88,274	86,625	1,649	158,000	30
35	22,101					12,054	6,050	332	5,672		290,904	277,873	13,031	368,823	31
242	157,666					10,273	671	407	2,895	6,300	480,396	480,223	173	752,153	32
2	1,050	78	20,628			14,902	7,784	341	6,777		91,750	91,452	298	168,000	33
21	12,802	2	400	2	312	8,239	1,780	94	6,365		8,667	7,785	882	42,000	34
13	10,000					2,838		398	2,440		78,681	78,571	110	112,730	35
150	87,847					7,896	3,974	845	2,577		85,078	84,740	338	256,681	36
4	2,250					1,122	660	57	405		2,130	2,130		10,300	37
6	3,050	3	808			3,052	1,009	83	1,960		12,005	11,790	215	31,322	38
117	32,271					2,633	888	75	1,670		115,805	115,446	359	183,371	39
13	6,910	9	2,258			4,775	3,772	83	920		8,265	8,105	160	40,550	40
42	25,470					2,428	532	223	263	1,410	51,845	51,475	370	107,000	41

PEORIA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
42	Plumbing, and gas and steam fitting	12	$205,970	$12,000	$24,500	$14,320	$155,150	13	12	$14,240	148	$83,741
43	Printing and publishing, book and job	12	143,340	------	200	96,617	46,523	13	14	12,016	169	72,566
44	Printing and publishing, newspapers and periodicals.	17	248,263	75	100	146,056	102,032	17	72	52,321	90	64,622
45	Roofing and roofing materials	12	91,560	8,450	12,400	10,450	60,260	17	3	2,784	105	57,162
46	Saddlery and harness	15	133,820	16,300	18,400	9,771	89,349	18	7	5,300	73	34,898
47	Tinsmithing, coppersmithing, and sheet-iron working.	15	192,090	21,526	3,000	24,925	142,639	20	17	14,225	141	63,224
48	Tobacco, cigars and cigarettes	32	149,959	23,100	18,500	2,343	106,016	35	4	2,650	240	132,606
49	Watch, clock, and jewelry repairing	18	15,925	3,500	1,000	5,425	6,000	22	------	------	24	14,667
50	Wirework, including wire rope and cable.	3	109,282	9,517	26,000	35,637	38,128	2	16	11,485	34	13,872
51	All other industries[1]	73	16,055,305	4,253,700	4,412,746	5,110,326	2,278,533	60	194	229,165	1,719	762,165

[1] Embraces artificial limbs, 1; baking and yeast powders, 2; bicycles and tricycles, 2; bookbinding and blank book making, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; bottling, 2; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; carriage and wagon materials, 2; charcoal, 1; chemicals, 1; china decorating, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; druggists' preparations, not including prescriptions, 2; electrical apparatus and supplies, 2; flavoring extracts, 2; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 2; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; glucose, 1; grease and

QUINCY.

1	All industries	421	$6,879,846	$552,537	$1,179,718	$1,851,194	$3,296,402	460	491	$400,233	4,509	$1,918,452
2	Bicycle and tricycle repairing	3	1,275	------	------	600	675	4	------	------	3	939
3	Blacksmithing and wheelwrighting	25	18,380	6,185	5,650	2,735	3,810	32	------	------	25	11,042
4	Boots and shoes, custom work and repairing.	22	10,507	1,950	1,220	1,971	5,366	22	------	------	9	4,217
5	Bread and other bakery products	9	31,895	4,000	8,600	14,635	4,600	10	1	240	34	12,495
6	Brick and tile	7	63,510	17,000	17,800	17,310	11,900	9	------	------	41	14,569
7	Carpentering	27	151,068	19,900	28,813	19,524	82,831	26	53	23,480	156	81,773
8	Carriages and wagons	12	235,411	15,091	25,700	25,048	169,572	12	13	10,769	184	79,436
9	Clothing, men's, custom work and repairing.	13	19,795	------	------	1,425	18,370	20	3	3,020	38	19,916
10	Clothing, women's, dressmaking	25	3,366	------	------	1,548	1,818	28	------	------	62	10,618
11	Confectionery	4	86,590	------	------	18,621	67,969	5	21	12,250	76	20,892
12	Cooperage	6	5,965	1,400	1,150	390	3,025	6	------	------	10	3,275
13	Flouring and grist mill products	5	199,655	32,500	41,000	53,000	73,155	6	7	5,268	36	18,605
14	Foundry and machine shop products	21	1,555,326	143,317	270,742	340,572	800,695	14	104	105,516	947	517,360
15	Furniture, cabinetmaking, repairing, and upholstering.	10	17,120	------	------	1,970	15,150	8	------	------	19	8,421
16	Furniture, factory product	3	48,310	3,750	24,200	8,500	11,860	2	3	1,850	41	17,443
17	Liquors, malt	4	942,309	114,550	392,967	94,736	340,056	------	18	22,760	101	52,796
18	Lock and gun smithing	3	2,600	400	200	1,400	600	3	------	------	1	240
19	Lumber, planing mill products, including sash, doors, and blinds.	7	221,129	33,951	41,335	45,371	100,472	7	10	7,832	167	80,240
20	Masonry, brick and stone	11	26,050	4,400	2,925	4,965	13,760	21	------	------	96	63,272
21	Millinery, custom work	15	55,525	1,100	1,750	2,050	50,625	29	12	2,550	62	11,865
22	Mineral and soda waters	3	115,519	3,587	10,000	19,009	82,923	4	4	3,304	26	12,124
23	Monuments and tombstones	3	14,087	4,950	850	600	7,687	5	1	250	3	1,670
24	Painting, house, sign, etc	21	15,365	400	925	2,545	11,495	26	4	1,008	79	39,616
25	Patent medicines and compounds	4	7,202	------	------	1,283	5,919	3	2	900	4	1,500
26	Paving and paving materials	4	15,240	1,500	2,000	3,490	8,250	5	------	------	49	18,946
27	Photography	5	14,454	------	------	8,800	5,654	5	2	1,112	5	1,574
28	Plastering and stuccowork	4	3,255	1,000	1,300	175	780	7	------	------	8	4,546
29	Plumbing, and gas and steam fitting	3	12,775	400	375	4,500	7,500	2	4	3,128	20	11,750
30	Printing and publishing, book and job	12	103,004	100	200	70,314	32,390	15	11	10,876	122	41,958
31	Printing and publishing, newspapers and periodicals.	14	106,931	------	------	49,450	57,481	13	53	40,098	68	36,528
32	Saddlery and harness	8	148,120	7,500	2,750	5,500	132,370	12	20	11,200	126	53,257
33	Show cases	3	165,500	12,500	43,500	16,500	93,000	2	12	11,212	223	98,890
34	Tinsmithing, coppersmithing, and sheet-iron working.	10	62,951	5,800	4,800	11,850	40,501	10	6	5,100	70	39,424
35	Tobacco, cigars and cigarettes	24	43,692	6,200	4,100	1,350	32,042	23	1	750	57	22,895
36	Watch, clock, and jewelry repairing	9	6,717	------	------	2,515	4,202	8	------	------	7	4,556
37	All other industries[1]	62	2,349,308	109,106	245,361	996,942	997,899	56	126	115,760	1,534	500,304

[1] Embraces agricultural implements, 2; axle grease, 1; baking and yeast powders, 1; bluing, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boxes, cigar, 2; boxes, fancy and paper, 1; boxes, wooden packing, 2; brass castings and brass finishing, 2; brooms and brushes, 2; carpets, rag, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 2; dyeing and cleaning, 1; electroplating, 2; enameling and enameled goods, 1; engraving and diesinking, 1; engraving, wood, 1; files, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; hairwork, 1; hand stamps, 1; hardware, 1;

ROCKFORD.

1	All industries	450	$14,126,884	$2,431,596	$3,178,915	$3,788,303	$4,728,020	428	456	$422,547	6,620	$2,765,709
2	Agricultural implements	5	727,062	14,148	57,500	59,594	595,820	2	22	21,720	344	173,160
3	Bicycle and tricycle repairing	7	9,895	------	------	3,275	6,620	11	------	------	9	4,847
4	Blacksmithing and wheelwrighting	22	30,887	9,300	9,850	2,880	8,857	29	------	------	21	12,202
5	Boots and shoes, custom work and repairing.	20	3,875	600	100	1,905	1,270	18	------	------	10	4,780
6	Bottling	8	27,993	3,500	10,000	2,460	12,033	8	1	540	16	7,284

BY SPECIFIED INDUSTRIES: 1900—Continued.

PEORIA—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
148	$83,741					$10,115	$3,838	$544	$5,733		$161,968	$160,999	$969	$310,239	42
132	63,838	32	$7,718	5	$1,010	9,244	4,519	439	4,286		88,758	85,968	2,790	226,576	43
88	64,105	2	517			56,812	5,926	507	36,769	$13,610	70,405	67,679	2,726	316,856	44
105	57,162					9,953	1,625	551	7,777		125,460	124,052	1,408	243,859	45
72	34,587	1	311			6,680	3,593	819	2,268		104,685	104,151	534	196,061	46
123	59,024	18	4,200			16,009	6,414	1,023	8,572		148,269	146,853	1,416	316,900	47
183	115,785	47	15,573	10	1,298	48,376	4,442	831	43,103		117,417	116,624	793	357,138	48
23	14,567			1	100	3,440	2,818	62	560		13,981	13,768	213	49,330	49
81	13,094	3	778			13,132		706	12,426		68,864	68,174	690	120,235	50
1,513	714,292	187	45,802	19	2,071	341,676	23,446	36,565	281,665		5,638,859	5,347,284	291,575	8,134,297	51

tallow, 1; hairwork, 2; hand stamps, 2; ice, artificial, 1; ironwork, architectural and ornamental, 2; liquors, vinous, 1; lock and gun smithing, 2; marble and stone work, 2; mattresses and spring beds, 1; models and patterns, 2; optical goods, 1; paints, 1; paper and wood pulp, 1; pickles, preserves, and sauces, 2; pottery, terra cotta, and fire-clay products, 1; regalia and society banners and emblems, 1; sewing machine repairing, 2; shirts, 2; slaughtering and meat packing, wholesale, 2; soap and candles, 1; steam fittings and heating apparatus, 1; taxidermy, 1; tools, not elsewhere specified, 1; trunks and valises, 1; vinegar and cider, 1.

QUINCY.

3,612	$1,757,955	771	$143,354	126	$17,143	$779,653	$75,957	$40,169	$629,149	$34,378	$4,952,797	$4,845,579	$107,218	$9,234,988	1
3	939					614	444	12	158		5,640	5,586	54	8,160	2
24	10,936			1	106	2,490	1,923	152	415		11,661	10,884	777	47,273	3
9	4,217					1,266	1,016	87	163		5,686	5,610	76	19,523	4
24	10,571	10	1,924			2,640	1,536	248	856		36,289	34,610	1,679	72,276	5
38	14,212			3	357	2,544	200	370	1,384	590	8,116	1,326	6,790	32,550	6
137	76,773	17	4,500	2	500	30,956	2,620	593	26,350	1,393	243,083	241,063	1,970	475,763	7
181	78,785	8	651			18,226	4,396	1,406	12,424		116,543	113,621	2,922	250,456	8
38	19,916					4,697	2,542	226	1,929		31,247	30,971	276	71,581	9
		62	10,618			2,627	2,404	44	179		19,008	18,770	238	44,905	10
40	14,952	36	5,940			9,137	3,960	277	4,900		111,126	108,236	2,890	159,902	11
10	3,275					334	70	64	200		6,814	6,814		14,224	12
36	18,605					9,507	540	1,676	7,291		315,239	310,672	4,567	368,218	13
945	516,872			2	488	156,436	3,796	7,991	142,249	2,400	577,314	565,505	11,809	1,614,563	14
15	7,169	3	1,092	1	160	2,272	1,814	108	350		7,202	7,029	173	26,854	15
41	17,443					2,919	600	273	2,046		23,278	22,504	774	54,127	16
94	51,196			7	1,600	202,238		7,073	195,165		104,871	93,644	11,227	398,143	17
				1	240	271	220	19	32		815	800	15	2,800	18
165	79,941			2	299	8,923	200	1,407	7,316		215,324	212,830	2,494	350,334	19
96	63,272					1,755	424	130	1,101	100	66,019	65,699	320	165,123	20
		62	11,865			8,098	4,997	350	2,751		91,540	91,276	264	151,611	21
26	12,124					8,062	378	682	7,002		13,190	12,677	513	42,357	22
3	1,670					493	360	78	55		15,734	15,707	27	22,672	23
78	39,496			1	120	2,087	1,492	178	417		20,786	20,746	40	79,376	24
3	1,188	1	312			4,409	660	22	3,727		4,199	4,174	25	16,882	25
49	18,946					2,206	610	80	1,516		41,321	41,321		74,276	26
3	1,340	1	130	1	104	4,007	2,568	35	1,404		5,018	4,950	68	21,051	27
8	4,546					197	20	39	138		4,520	4,520		13,550	28
20	11,750					2,665	1,020	65	1,580		12,318	12,293	25	33,616	29
84	35,739	25	4,695	13	1,524	6,598	3,642	297	2,609	50	51,681	49,905	1,726	135,461	30
59	35,586			9	942	41,438	3,664	354	15,575	21,845	38,842	37,223	1,619	207,282	31
125	52,997	1	260			25,178	5,346	1,185	18,647		163,885	163,045	840	287,680	32
208	95,500			15	2,390	10,642		1,018	9,624		142,238	139,238	3,000	292,353	33
70	39,424					4,287	2,404	326	1,557		44,005	43,280	725	94,131	34
49	21,495			8	900	15,047	3,336	388	11,323		29,534	29,354	180	86,014	35
7	4,556					1,304	1,152	56	96		1,822	1,675	147	12,950	36
924	391,524	550	101,367	60	7,413	183,083	15,603	12,860	146,620	8,000	2,366,989	2,318,021	48,968	3,487,011	37

ice, artificial, 1; kaolin and other earth grinding, 1; lime and cement, 1; lumber and timber products, 1; marble and stone work, 1; mattresses and spring beds, 2; models and patterns, 1; paper and wood pulp, 1; perfumery and cosmetics, 2; photographic materials, 1; roofing and roofing materials, 2; ship and boat building, wooden, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; tobacco, chewing, smoking, and snuff, 2; trunks and valises, 1; umbrellas and canes, 1; vinegar and cider, 1; window shades, 1; wirework, including wire rope and cable, 1.

ROCKFORD.

5,190	$2,433,307	1,200	$297,293	230	$35,109	$821,352	$77,486	$42,808	$636,920	$64,138	$6,928,941	$6,659,240	$269,701	$12,586,116	1
344	173,160					95,497	5,600	5,067	84,830		388,589	379,449	9,140	720,959	2
9	4,847					1,490	986	29	475		6,622	6,247	375	18,459	3
21	12,202					2,198	1,573	169	356	100	11,706	10,568	1,138	46,585	4
10	4,780					1,764	1,617	21	86	40	6,557	6,255	302	22,426	5
16	7,284					8,662	5,620	261	2,781		68,114	67,681	433	102,938	6

ROCKFORD—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Bread and other bakery products	8	$41,550	$5,450	$12,500	$8,400	$15,200	10	11	$4,602	83	$43,737
8	Brooms and brushes	3	15,200			7,250	7,950	1	1	1,500	9	4,620
9	Carpentering	26	35,419	4,450	4,650	5,022	21,297	33	1	500	115	62,317
10	Carriages and wagons	5	33,300	12,000	8,500	2,400	10,400	5			18	8,610
11	Clothing, men's, custom work and repairing.	19	25,499	800	350	2,675	21,674	17	8	4,162	42	17,333
12	Clothing, men's, factory product	4	161,324	4,000	8,000	7,334	141,990	1	21	18,610	163	50,148
13	Clothing, women's, dressmaking	27	17,918	4,500	7,500	2,170	3,748	28			69	17,021
14	Confectionery	4	2,155			1,625	530	6			1	510
15	Flouring and grist mill products	4	50,000	11,800	5,500	11,300	21,400	2	6	3,664	14	7,136
16	Foundry and machine shop products	17	1,108,332	59,163	137,460	201,644	710,065	11	38	39,467	678	309,087
17	Furniture, cabinetmaking, repairing, and upholstering.	6	6,850	800	1,500	745	3,805	6			7	4,762
18	Furniture, factory product	11	1,551,024	53,650	319,979	222,792	954,603		67	67,046	1,377	569,856
19	Hosiery and knit goods	4	1,214,079	26,900	135,387	487,850	613,942		24	40,920	1,246	357,366
20	Looking-glass and picture frames	5	9,410	2,500	1,000	525	5,385	5	22	6,700	15	4,000
21	Lumber, planing mill products, including sash, doors, and blinds.	3	35,855			13,441	22,414	3	4	4,500	47	22,192
22	Masonry, brick and stone	15	32,260	4,800	7,500	6,070	13,890	17	1	900	116	65,849
23	Millinery, custom work	14	26,763	1,000	2,078	513	23,172	16	1	425	49	9,894
24	Monuments and tombstones	7	23,405	6,000	3,000	1,680	12,725	7	2	1,380	9	6,175
25	Painting, house, sign, etc	26	30,142	1,000	400	3,995	24,747	27	2	1,500	83	47,031
26	Patent medicines and compounds	3	2,755			155	2,600	1	4	3,900	1	500
27	Paving and paving materials	6	14,875	3,850	2,270	6,975	1,780	6	1	600	38	19,121
28	Photography	10	16,065		400	5,290	10,375	11	1	800	9	3,625
29	Plastering and stuccowork	6	3,090	1,600	575	330	585	8			10	4,977
30	Plumbing, and gas and steam fitting	13	32,313	2,000	5,000	4,397	20,916	17	1	480	36	21,894
31	Printing and publishing, book and job	7	53,533	300	200	35,341	17,692	7	5	4,835	66	25,246
32	Printing and publishing, newspapers and periodicals.	6	79,209	3,000	2,000	60,675	13,534	2	14	18,274	61	41,068
33	Saddlery and harness	8	143,149	16,500	18,763	10,186	97,700	8	17	14,630	90	39,993
34	Tinsmithing, coppersmithing, and sheet-iron working.	18	31,755	1,100	2,600	10,930	17,125	21			48	27,224
35	Tobacco, cigars and cigarettes	4	3,163			115	3,048	4			4	1,864
36	Tools, not elsewhere specified	4	29,018	1,000	1,500	10,792	15,726	3	2	1,800	20	14,553
37	Watch, clock, and jewelry repairing	16	15,425	500	700	6,150	8,075	17			15	8,285
38	Woodenware, not elsewhere specified	3	142,554	21,000	48,050	24,044	49,460	1	3	2,900	80	36,573
39	All other industries[1]	76	3,339,733	2,154,385	2,361,103	2,605,378	1,215,867	59	176	161,692	1,601	710,866

[1] Embraces artificial limbs, 1; axle grease, 1; bicycles and tricycles, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 2; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; cheese, butter, and condensed milk, factory product, 2; chemicals, 1; china decorating, 1; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 2; engraving, wood, 2; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; furnishing goods, men's, 1; galvanizing, 1; gas, illuminating and heating, 1; gas and oil stoves, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1;

SPRINGFIELD.

1	All industries	320	$5,030,438	$387,057	$839,902	$1,666,533	$2,136,946	368	235	$195,622	3,871	$1,730,891
2	Awnings, tents, and sails	3	15,010			1,106	13,904	3	1	660	18	5,972
3	Bicycle and tricycle repairing	5	3,825			1,750	2,075	6	1	156	10	3,224
4	Blacksmithing and wheelwrighting	24	19,107	7,600	2,600	2,015	6,892	25	1	450	33	15,643
5	Boots and shoes, custom work and repairing.	17	12,430	7,500	3,500	960	470	17	1	520	10	4,760
6	Bread and other bakery products	12	33,340	5,800	15,700	7,045	4,795	13	1	312	26	13,705
7	Carpentering	37	56,985	11,800	26,625	3,645	14,915	47	4	1,865	230	131,722
8	Carriages and wagons	5	50,385	11,000	12,885	1,800	24,700	9			30	12,590
9	Cars and general shop construction and repairs by steam railroad companies.	5	345,063	24,500	110,150	147,900	62,513		18	19,355	406	216,682
10	Clothing, men's, custom work and repairing.	13	48,745	2,877	4,378	1,165	40,325	14	4	2,200	56	32,320
11	Clothing, men's, factory product	3	16,138			3,939	12,199	4	4	2,860	39	9,801
12	Clothing, women's, dressmaking	6	1,045			555	490	6			31	4,880
13	Confectionery	3	1,700			950	750	3			7	1,270
14	Dyeing and cleaning	3	8,050	1,000	4,000	2,890	160	3			7	3,356
15	Foundry and machine shop products	6	245,656	13,000	51,976	46,000	134,680	7	9	6,224	178	93,217
16	Furniture, cabinetmaking, repairing, and upholstering.	3	120			50	70	3			2	640
17	Lumber, planing mill products, including sash, doors, and blinds.	4	138,988	16,900	21,400	18,585	82,098	5	4	2,660	90	56,442
18	Masonry, brick and stone	11	84,284	14,050	21,200	20,879	28,155	14	16	9,204	125	54,571
19	Millinery, custom work	9	34,734			534	34,200	13	11	3,500	66	23,176
20	Monuments and tombstones	3	41,500	2,000	11,000	6,500	22,000	2	1	1,200	26	15,820
21	Painting, house, sign, etc	20	35,360	2,250	7,000	3,035	23,075	25	3	1,800	85	52,382
22	Paving and paving materials	5	25,355			8,755	16,600	9			129	68,240
23	Photography	7	3,895			2,800	1,095	10			12	4,264
24	Plumbing, and gas and steam fitting	11	38,075	1,000	2,000	4,660	30,415	16	6	4,740	61	25,241

BY SPECIFIED INDUSTRIES: 1900—Continued.

ROCKFORD—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
78	$42,640	5	$1,097			$7,923	$3,884	$204	$3,835		$115,130	$111,349	$3,781	$198,175	7
4	2,720	5	1,900			3,156	526	51	2,579		4,372	4,163	209	16,840	8
115	62,317					46,380	975	231	1,581	$43,590	134,080	133,866	214	274,843	9
18	8,610					1,826	660	357	809		10,023	9,728	295	26,085	10
32	14,572	9	2,611	1	$150	4,008	2,813	67	860	268	27,828	27,292	536	68,212	11
30	12,318	133	37,830			50,146	1,874	548	47,724		126,234	125,466	768	270,247	12
		69	17,021			3,388	2,684	33	671		56,871	56,121	750	94,067	13
1	510					758	470	14	274		6,029	5,908	121	10,691	14
14	7,136					2,635	200	275	2,160		83,578	82,483	1,095	100,746	15
678	309,087					37,259	3,425	4,697	29,137		318,904	287,756	31,148	901,454	16
7	4,762					1,271	715	36	520		8,742	8,632	110	21,825	17
1,338	564,138			39	5,718	179,263		8,718	170,545		827,604	812,247	15,357	1,811,862	18
371	157,718	732	178,648	143	21,000	57,195	6,000	6,070	45,125		956,039	933,179	22,860	1,549,056	19
13	3,600	2	400			882	424	112	346		9,843	9,633	210	26,585	20
47	22,192					4,586	1,200	180	2,206	1,000	47,963	46,883	1,080	87,104	21
116	65,849					19,764	305	209	2,900	16,350	88,033	87,989	44	192,227	22
		49	9,894			5,774	4,430	191	1,153		37,017	36,714	303	74,457	23
9	6,175					2,992	762	126	1,654	450	38,481	38,345	139	60,099	24
83	47,031					4,728	1,854	146	2,728		32,777	32,576	201	106,520	25
1	500					2,015	344	10	1,661		2,753	2,673	80	9,900	26
38	19,124					878	48	51	779		18,737	18,243	494	52,437	27
7	3,025	2	600			3,157	1,640	66	1,001	450	8,738	8,385	353	27,025	28
10	4,977					797		12	485	300	4,297	4,297		14,077	29
36	21,894					4,343	1,781	210	2,052	300	52,249	51,818	431	98,953	30
52	22,511	12	2,501	2	234	3,956	1,822	102	1,632	400	26,942	26,277	665	72,356	31
61	41,068					12,051	2,551	334	8,806	360	15,871	14,010	1,861	125,547	32
71	35,521	16	3,780	3	692	5,341	376	675	4,290		127,448	126,020	1,428	215,878	33
48	27,224					3,529	2,631	194	704		32,459	32,020	439	79,772	34
4	1,864					3,010	648	27	2,335		4,904	4,772	132	14,704	35
20	14,553					1,864	275	186	1,403		3,873	2,963	910	30,775	36
15	8,285					3,454	2,728	92	634		5,221	4,872	349	27,230	37
78	36,209	1	208	1	156	3,903	56	902	2,945		101,513	99,924	1,589	159,135	38
1,395	662,904	165	40,803	41	7,159	229,509	14,039	12,085	203,355	30	3,112,767	2,942,436	170,331	4,864,865	39

glucose, 1; hairwork, 1; hand stamps, 1; hardware, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; liquors, malt, 1; lock and gun smithing, 1; marble and stone work, 2; mattresses and spring beds, 2; mineral and soda waters, 1; mirrors, 1; models and patterns, 2; paper and wood pulp, 2; paper hanging, 2; photographic materials, 1; plated and britannia ware, 1; roofing and roofing materials, 2; sewing machine cases, 1; sewing machines and attachments, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 1; steam fittings and heating apparatus, 1; tobacco, chewing, smoking, and snuff, 1; watches, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 1.

SPRINGFIELD.

3,367	$1,611,619	469	$113,945	35	$5,327	$631,823	$62,392	$25,410	$422,352	$121,669	$3,290,207	$3,175,004	$115,203	$6,612,286	1
12	4,286	6	1,686			2,514	1,500	69	885	60	9,439	9,315	124	24,450	2
8	2,944			2	280	1,093	930	22	141		5,093	4,895	198	13,650	3
31	15,342			2	301	3,417	2,846	118	453		12,419	11,671	748	59,720	4
9	4,560			1	200	2,332	1,983	133	216		9,073	8,839	234	23,195	5
25	13,509			1	196	3,624	2,616	262	746		53,255	51,846	1,409	92,363	6
229	131,617			1	105	116,072	1,980	663	1,620	111,809	274,501	273,800	701	599,668	7
30	12,590					2,786	1,605	534	647		13,998	13,168	830	37,566	8
406	216,682					26,070		3,361	22,709		185,243	179,541	5,702	447,350	9
43	28,130	12	4,065	1	125	7,084	4,902	272	1,910		30,466	30,046	420	95,383	10
7	2,262	32	7,539			2,738	500	65	2,173		32,630	32,207	423	55,445	11
		31	4,880			444	402	10	32		1,156	1,143	13	10,200	12
3	648	4	622			1,181	1,116	15	50		4,235	4,150	85	10,100	13
4	2,420	3	936			223	185	18	20		1,335	563	772	10,250	14
178	93,217					31,888	2,914	1,176	27,798		106,950	101,029	5,921	266,536	15
1	420	1	220			663	648	10	5		1,225	1,190	35	4,038	16
90	56,442					2,976	150	1,026	1,800		111,662	110,972	690	201,385	17
125	54,571					11,409	348	841	2,720	8,000	96,052	93,757	2,295	200,195	18
1	790	64	22,282	1	104	6,205	4,810	574	821		91,897	91,647	250	140,427	19
26	15,820					6,214	700	514	5,000		39,590	38,610	980	79,000	20
85	52,382					6,991	5,316	334	1,341		45,419	45,108	311	123,552	21
129	68,210					666	245	41	380		174,626	174,530	96	258,750	22
6	2,434	5	1,710	1	120	2,803	1,896	42	865		5,120	4,947	173	23,710	23
60	25,157			1	84	7,197	3,339	190	3,668		92,113	91,585	528	167,883	24

TABLE 8.—MANUFACTURES IN CITIES

SPRINGFIELD—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
25	Printing and publishing, book and job	9	$124,625	$8,200	$9,300	$75,100	$32,025	9	14	$11,030	118	$50,647
26	Printing and publishing, newspapers and periodicals.	4	108,718			61,380	47,338	2	30	23,270	123	64,644
27	Roofing and roofing materials	5	15,690	3,700	8,100	1,850	2,040	6			12	7,484
28	Saddlery and harness	8	26,475	9,500	4,900	1,400	10,675	11	1	360	18	13,440
29	Tinsmithing, coppersmithing, and sheet-iron working.	7	24,995	5,000	11,000	2,775	6,220	9	2	1,560	27	13,942
30	Tobacco, cigars and cigarettes	20	40,178	1,400	1,950	1,309	35,514	21	3	1,600	86	34,368
31	Watch, clock, and jewelry repairing	8	2,848			970	1,878	9			6	5,464
32	All other industries [1]	44	3,427,129	287,980	510,238	1,284,281	1,444,680	47	100	100,106	1,804	690,984

[1] Embraces agricultural implements, 1; bookbinding and blank book making, 2; boot and shoe uppers, 1; boxes, cigar, 1; brick and tile, 2; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; flavoring extracts, 1; flouring and grist mill products, 1; food preparations, 1; gas, illuminating and heating, 1; hairwork, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	5,139	$84,403,117	$5,665,917	$12,301,711	$18,350,864	$48,084,625	5,807	3,701	$3,776,055	51,120	$23,676,743
2	Alton	160	2,967,168	184,460	496,813	553,616	1,732,279	177	124	112,198	2,360	1,127,545
3	Batavia	37	2,020,528	225,942	311,218	350,765	1,132,603	36	89	91,470	838	364,812
4	Belleville	260	2,573,648	144,775	429,009	508,542	1,491,322	305	130	118,634	1,800	882,610
5	Belvidere	106	1,695,879	67,339	338,431	474,886	815,223	118	87	91,685	1,147	636,462
6	Braidwood	14	12,455	675	2,600	5,725	3,455	14			11	4,936
7	Cairo	125	2,346,403	538,550	312,108	600,325	895,420	126	122	99,104	1,621	592,535
8	Canton	72	4,713,448	210,062	229,632	260,585	4,013,169	88	86	73,531	1,162	462,011
9	Carmi	35	115,166	13,300	17,200	31,731	52,935	42	3	1,120	98	36,463
10	Centralia	66	624,385	42,255	112,850	187,875	281,405	75	29	29,754	636	243,628
11	Champaign	122	510,371	64,695	70,750	186,505	188,421	139	34	27,080	515	234,461
12	Chicago Heights	67	2,866,541	160,950	420,181	770,933	1,514,477	60	159	208,607	1,529	790,645
13	Clinton	23	125,072	14,190	44,000	23,395	43,487	26	15	12,246	190	95,067
14	Collinsville	51	408,614	16,850	114,087	129,118	148,561	57	19	22,235	344	150,604
15	Danville	174	1,585,156	107,220	356,158	454,565	667,213	209	53	50,238	1,257	598,624
16	Dekalb	83	2,008,462	80,904	245,914	564,975	1,116,669	95	59	52,692	1,064	491,091
17	Dixon	111	4,801,007	161,300	673,208	831,307	3,135,192	129	143	178,574	2,778	1,426,275
18	Duquoin	48	279,945	15,400	58,850	112,445	98,250	50	21	13,750	104	44,177
19	Edwardsville	59	187,414	22,540	31,259	50,040	83,575	62	8	7,500	147	70,610
20	Evanston	126	1,564,305	161,750	189,050	727,887	485,618	150	44	35,187	775	430,529
21	Freeport	167	2,262,680	165,450	391,090	427,511	1,278,579	214	154	128,835	1,679	748,493
22	Galena	91	390,171	22,565	74,948	95,601	197,057	112	41	28,874	276	89,751
23	Galesburg	177	1,499,216	179,085	309,775	505,293	504,463	214	123	100,326	1,478	719,605
24	Harvey	55	2,582,255	170,886	411,361	621,275	1,378,733	58	190	180,602	1,581	714,940
25	Hillsboro	27	75,900	12,450	29,900	17,465	16,085	32	2	920	53	17,788
26	Jacksonville	174	1,505,725	73,000	257,516	367,895	807,314	221	138	109,895	1,436	596,189
27	Kankakee	125	900,739	165,232	178,968	201,044	355,495	152	31	38,136	893	377,863
28	Kewanee	89	2,190,263	89,751	309,257	540,966	1,250,289	92	135	136,932	2,696	1,070,196
29	Lasalle	81	2,095,850	122,531	365,983	830,317	777,019	83	68	177,736	1,057	524,261
30	Lemont	44	390,308	93,560	46,595	112,180	137,673	47	27	26,462	260	103,597
31	Lincoln	88	470,892	29,500	75,431	133,975	231,986	116	36	18,647	323	140,597
32	Litchfield	54	303,967	28,411	81,496	119,250	74,810	65	11	8,750	216	95,558
33	Lockport	41	634,098	34,475	117,700	283,289	198,634	37	24	31,200	255	113,464
34	Macomb	78	425,871	42,790	108,809	103,804	170,468	85	32	22,142	364	142,474
35	Mattoon	138	549,525	50,645	102,610	197,337	198,933	163	41	23,072	866	386,980
36	Metropolis	44	259,481	12,380	44,900	79,370	122,831	48	9	8,892	243	86,442
37	Moline	157	11,165,701	594,496	881,600	1,415,632	8,273,973	146	353	385,237	4,438	2,289,722
38	Monmouth	101	1,076,184	66,097	227,712	194,813	587,562	108	73	67,183	817	386,279
39	Morris	103	848,765	23,750	131,758	149,523	543,734	120	27	50,169	521	162,672
40	Mt. Carmel	52	249,527	22,275	57,175	75,760	94,317	62	5	3,681	213	83,506
41	Mt. Vernon	45	409,489	8,240	69,225	139,876	192,148	46	15	18,304	384	169,898
42	Murphysboro	61	504,139	33,900	134,625	159,855	175,759	69	25	25,333	392	176,925
43	Normal	21	170,695	6,350	21,890	22,105	120,350	27	7	6,800	124	45,167
44	Ottawa	120	2,783,357	118,960	459,710	434,668	1,779,019	137	113	122,290	1,283	523,599
45	Pana	66	142,543	25,935	34,260	34,334	48,014	78	6	1,542	106	38,788
46	Paris	107	466,252	55,840	97,010	155,229	158,173	127	39	30,722	420	164,745
47	Pekin	118	2,431,244	94,890	280,295	749,599	1,297,460	124	69	83,376	787	384,654
48	Peru	49	2,277,845	99,564	436,847	651,832	1,089,602	51	72	99,298	1,164	541,197
49	Pontiac	52	367,061	17,900	59,640	58,205	231,316	55	39	47,580	437	156,793
50	Rock Falls	31	1,073,552	140,075	215,869	156,289	561,319	29	72	72,570	448	197,779
51	Rock Island	181	4,990,336	256,925	562,278	552,414	3,618,719	201	207	203,432	2,386	1,229,044
52	Sandwich	29	907,994	45,302	72,229	73,388	717,075	30	62	62,353	278	153,934
53	Shelbyville	60	96,294	9,990	13,185	31,495	41,624	75	2	250	102	30,054
54	Spring Valley	32	42,741	5,400	11,825	10,939	14,577	36	2	1,082	57	20,439
55	Sterling	118	1,065,177	104,811	173,728	216,815	569,823	128	55	62,172	704	290,434
56	Streator	131	1,050,999	107,224	305,936	208,021	429,818	137	44	45,149	1,564	772,187
57	Sycamore	82	503,733	32,250	87,482	132,843	251,158	91	27	26,340	425	202,774
58	Taylorville	60	229,598	24,995	39,825	89,004	75,774	69	7	4,757	140	54,316
59	Urbana	54	463,115	40,000	160,550	138,361	124,204	58	33	24,913	538	260,145
60	Waukegan	102	3,143,918	204,280	412,400	1,087,774	1,439,464	106	60	64,496	1,390	771,386

BY SPECIFIED INDUSTRIES: 1900—Continued.

SPRINGFIELD—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
100	$46,784	13	$3,187	5	$676	$10,646	$4,330	$610	$5,706	----------	$34,076	$31,714	$2,362	$129,602	25
115	63,020	8	1,624	----------	----------	29,111	3,357	372	24,582	$800	36,033	32,666	3,367	180,720	26
12	7,484	----------	----------	----------	----------	778	601	122	55	----------	18,340	18,213	127	32,321	27
18	13,440	----------	----------	----------	----------	2,221	1,240	370	611	----------	23,559	23,405	154	58,882	28
27	13,942	----------	----------	----------	----------	1,771	500	74	1,197	----------	21,446	21,111	335	48,774	29
78	32,546	----------	----------	13	1,822	21,366	5,076	303	15,987	----------	43,057	42,836	221	124,025	30
6	5,464	----------	----------	----------	----------	1,485	1,260	26	199	----------	2,918	2,918	----------	14,326	31
1,508	624,476	290	65,194	6	1,314	317,855	5,097	13,743	298,015	1,000	1,713,281	1,627,582	85,699	3,079,320	32

ice, artificial, 1; iron and steel, 1; lime and cement, 1; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; mattresses and spring beds, 1; mineral and soda waters, 2; paper hanging, 1; patent medicines and compounds, 2; plastering and stuccowork, 2; shirts, 1; shoddy, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; trunks and valises, 2; watch and clock materials, 1; watches, 1; woolen goods, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

45,452	$22,202,929	4,205	$1,211,810	1,468	$262,004	$16,054,944	$567,082	$332,286	$14,364,958	$790,618	$58,884,698	$56,882,411	$2,002,287	$118,033,042	1
1,996	1,060,369	125	24,209	239	42,967	258,922	16,601	12,686	228,203	1,432	2,654,463	2,554,238	100,225	4,638,035	2
779	351,390	59	13,422	----------	----------	79,459	3,518	10,369	65,372	200	1,091,220	1,078,905	12,315	1,868,989	3
1,594	782,033	92	14,061	114	36,516	916,492	15,893	10,857	737,015	152,727	1,293,228	1,240,864	52,364	3,766,988	4
1,070	620,666	78	15,416	4	400	118,168	11,481	6,331	84,994	15,362	928,730	919,132	9,598	2,036,734	5
8	4,468	----------	----------	3	468	1,096	468	91	537	----------	12,939	12,321	618	28,322	6
1,486	569,901	31	8,239	104	14,395	199,109	23,422	11,421	151,320	12,946	2,119,681	2,098,479	21,202	3,466,015	7
1,003	419,496	152	42,037	7	478	161,660	13,287	5,977	141,346	1,100	671,217	649,332	21,885	1,806,640	8
92	34,998	6	1,465	----------	----------	9,406	1,780	968	6,612	46	81,977	79,070	2,907	169,171	9
510	226,532	125	16,976	1	120	23,187	5,119	2,872	15,126	20	637,728	627,348	10,380	1,081,230	10
425	215,122	79	18,692	11	647	60,736	15,085	3,317	16,546	25,788	372,801	364,165	8,636	867,995	11
1,491	779,560	26	8,441	12	2,644	194,949	6,010	5,921	146,731	36,287	2,063,722	1,970,767	92,955	3,902,338	12
186	93,967	4	1,100	----------	----------	4,984	1,590	999	2,395	----------	157,009	154,114	2,895	301,156	13
332	147,935	2	480	10	2,189	15,005	3,078	2,050	9,877	----------	576,819	547,309	29,510	812,278	14
1,072	558,238	162	37,946	23	2,440	97,207	24,635	8,341	51,635	12,596	1,433,006	1,400,913	32,093	2,616,515	15
957	462,932	79	21,252	28	6,910	164,038	7,906	6,858	147,047	2,227	2,579,378	2,505,748	73,630	3,858,416	16
2,021	1,062,206	700	354,678	57	9,391	262,491	13,396	7,459	198,250	43,386	3,447,640	3,411,917	35,723	5,624,709	17
91	41,795	9	1,732	4	650	36,902	3,538	1,293	7,071	25,000	198,124	195,497	2,627	352,058	18
141	69,588	6	1,022	----------	----------	12,005	5,289	1,179	5,537	----------	286,305	280,710	4,595	457,466	19
718	411,476	49	17,819	8	1,234	91,894	34,580	5,517	47,927	3,870	750,894	707,702	43,192	1,831,501	20
1,570	720,341	106	27,804	3	348	298,972	33,396	9,926	207,854	47,796	1,575,780	1,532,293	43,487	3,848,448	21
217	80,064	51	8,762	8	925	50,216	4,881	1,283	43,441	611	219,460	211,292	8,168	462,700	22
1,386	695,850	86	22,905	6	850	96,191	33,434	9,553	46,833	6,366	884,119	858,531	25,588	2,170,557	23
1,388	666,784	119	30,685	74	17,471	132,428	3,958	6,138	118,332	4,000	1,318,415	1,268,786	49,629	2,812,592	24
44	15,888	9	1,900	----------	----------	5,367	1,335	465	3,067	500	45,994	41,735	4,259	101,429	25
1,140	532,366	254	59,030	42	4,793	179,043	22,001	7,919	95,586	53,537	1,183,693	1,159,575	24,118	2,385,547	26
792	353,154	86	22,293	15	2,416	90,126	17,381	5,840	60,518	6,387	578,303	559,098	19,205	1,334,702	27
2,364	986,922	205	54,769	127	28,505	84,077	10,060	6,560	66,697	760	2,895,801	2,697,661	198,140	4,468,188	28
991	511,209	43	8,835	23	4,217	79,042	8,326	10,437	54,279	6,000	2,509,284	2,355,178	154,106	3,563,947	29
162	82,929	71	17,502	27	3,166	44,033	3,041	3,416	31,126	6,450	89,358	83,507	5,851	324,162	30
279	129,305	40	10,740	4	552	48,197	11,211	3,246	26,780	6,960	287,892	278,693	9,199	642,375	31
192	89,371	16	4,807	8	1,380	18,845	4,697	1,553	12,345	250	99,024	94,757	4,267	292,278	32
240	110,147	12	2,549	3	768	37,053	3,755	2,117	27,141	4,040	1,168,118	1,149,829	18,289	1,434,046	33
314	132,230	29	6,936	21	3,308	28,417	8,231	2,236	13,450	4,500	165,899	136,083	29,816	465,453	34
775	367,960	83	17,923	8	1,097	80,556	12,145	5,133	18,238	45,040	550,616	533,860	16,756	1,232,821	35
176	73,173	25	6,198	42	7,076	16,100	2,658	1,571	11,341	530	241,357	237,043	4,314	451,325	36
4,318	2,257,951	67	23,173	53	8,598	534,861	17,643	50,443	423,908	42,867	4,922,344	4,749,646	172,698	10,000,282	37
750	365,947	56	18,982	11	1,350	60,020	10,192	3,764	45,864	200	664,843	609,928	54,915	1,483,535	38
454	150,071	29	8,060	38	4,541	126,896	7,181	3,038	108,880	7,847	729,675	714,321	15,354	1,273,095	39
206	82,191	6	1,240	1	75	9,460	2,347	1,462	4,801	850	131,125	127,183	3,942	285,066	40
358	164,432	16	3,546	10	1,920	17,787	2,833	1,181	13,593	180	976,524	973,043	3,481	1,249,741	41
353	168,229	15	4,600	24	4,096	92,474	6,038	3,258	82,578	600	455,635	447,484	8,151	896,741	42
91	39,168	32	5,894	1	105	76,378	1,607	254	21,088	53,429	191,758	189,327	2,426	349,255	43
1,061	488,033	165	34,627	7	939	148,491	15,054	8,701	123,090	1,646	855,034	808,217	46,817	2,042,148	44
91	36,086	13	2,538	2	164	14,854	4,177	969	6,058	3,150	93,381	90,189	3,192	204,018	45
371	154,913	39	8,548	10	1,284	32,150	8,391	2,666	11,313	9,780	569,131	560,762	8,369	979,075	46
764	379,602	21	4,652	2	400	9,458,651	10,262	6,449	9,416,076	25,864	1,929,943	1,869,289	60,654	12,268,021	47
1,047	505,103	89	30,445	28	5,649	274,244	3,093	8,202	247,909	15,040	1,787,073	1,681,171	105,902	3,114,759	48
314	121,817	108	32,968	15	2,008	27,878	5,864	2,292	14,722	5,000	446,827	441,931	4,896	770,048	49
428	193,346	15	3,783	5	700	81,945	7,498	4,433	70,014	----------	581,826	553,628	28,198	1,087,775	50
2,239	1,193,425	131	31,869	16	3,750	419,846	25,004	23,342	317,243	53,757	3,056,734	3,016,422	40,312	5,588,352	51
275	153,034	3	900	----------	----------	106,961	2,171	2,710	102,080	----------	322,000	288,405	33,595	699,085	52
85	27,403	12	2,264	5	387	8,574	3,806	810	3,036	922	106,199	104,262	1,937	203,717	53
50	28,041	4	1,048	3	350	3,817	1,716	319	1,782	----------	59,572	59,090	482	127,804	54
638	275,269	62	14,434	4	731	102,855	11,442	5,659	70,276	15,478	991,892	967,516	24,376	1,733,144	55
1,276	716,433	106	30,963	182	24,791	114,894	11,124	7,478	87,397	8,900	578,128	518,945	59,183	1,761,143	56
381	191,730	43	10,844	1	200	39,444	4,811	1,975	25,658	7,000	776,875	766,986	9,889	1,367,655	57
123	50,258	14	3,717	3	341	15,028	4,033	1,255	9,615	125	149,734	147,174	2,560	281,762	58
516	255,187	18	4,150	4	808	22,480	4,127	2,889	14,880	584	349,263	333,373	15,890	728,502	59
1,261	744,895	127	25,995	2	496	269,633	9,532	6,843	242,573	10,685	2,990,193	2,867,667	122,526	4,609,190	60

Twelfth Census of the United States.

CENSUS BULLETIN.

No. 148. WASHINGTON, D. C. February 24, 1902.

MANUFACTURES.

INDIANA.

Hon. WILLIAM R. MERRIAM,
Director of the Census.

SIR: I transmit herewith, for publication in bulletin form, the statistics of manufacturing and mechanical industries for the state of Indiana for the census year 1900, taken in accordance with the provisions of section 7 of the act of March 3, 1899. This section requires that "The schedules of inquiries relating to the products of manufacturing and mechanical establishments shall embrace the name and location of each establishment; character of organization, whether individual, cooperative, or other form; date of commencement of operations; character of business or kind of goods manufactured; amount of capital invested; number of proprietors, firm members, copartners, or officers, and the amount of their salaries; number of employees, and the amount of their wages; quantity and cost of materials used in manufactures; amount of miscellaneous expenses; quantity and value of products; time in operation during the census year; character and quantity of power used; and character and number of machines employed."

In each of the above particulars the requirements of the law have been observed, but certain of the data thus elicited are reserved for publication in the final volumes.

There were 81 cities and towns in the state withdrawn from the enumerators and their manufacturing statistics collected by special agents, in accordance with the further provision of section 7 of the census act. Wherever the phrase "urban manufactures" is used in this bulletin, it applies only to those cities and towns which were withdrawn from the enumerators and committed to special agents, and only to manufacturing establishments within the corporate limits of such places.

Eight cities in Indiana contain a population exceeding 20,000 each: Anderson, Evansville, Fort Wayne, Indianapolis, Muncie, New Albany, South Bend, and Terre Haute. The manufacturing statistics of these 8 cities are presented by specified industries, and the statistics of Evansville, Fort Wayne, Indianapolis, New Albany, South Bend, and Terre Haute are presented in comparison with the returns of the Eleventh Census. The statistics of Anderson and Muncie were not shown separately in 1890, and comparisons with that year are, therefore, not possible in these cases.

Mr. John B. Conner, late chief of the Indiana Bureau of Statistics, rendered valuable assistance in the preparation of the text for the accompanying report.

The statistics of Indiana are presented in 9 tables: Table 1 showing comparative figures for the state at the several censuses; Table 2 showing all the industries of the state divided between hand trades and the manufactures proper, and also the statistics of educational and eleemosynary institutions, and establishments with a product of less than $500, which two latter classes were not reported at previous censuses; Table 3 showing the statistics of the 19 leading industries of the state for 1890 and 1900; Table 4 showing the totals for the cities of Evansville, Fort Wayne, Indianapolis, New Albany, South Bend, and Terre Haute at the censuses of 1890 and 1900; Table 5 showing the urban manufactures of the state in comparison with the totals for the entire state and the state exclusive of the cities and towns withdrawn from the enumerators; Table 6 showing the statistics for the state by counties; Table 7 showing the statistics for the state by specified industries; Table 8 showing the statistics for the cities of Anderson, Evansville, Fort Wayne, Indianapolis, Muncie, New Albany, South Bend, and Terre Haute by specified industries; and Table 9 showing the totals for all industries in each of the cities and towns withdrawn from the enumerators (exclusive of those shown in Table 8).

Table 1 shows the growth of manufactures in Indiana for the half century which terminates with the Twelfth Census. The manufacturing statistics of the censuses prior to 1850 were too imperfect and fragmentary in character to make it proper to reproduce them in such a table as a measure of industrial growth in the first half of the century. Owing to changes in the method of taking the census, comparisons between the earlier and later decades, represented in Table 1, should be drawn only in the most general way. Nevertheless, the rate of growth in Indiana manufactures may be fairly inferred from the figures given.

In drafting the schedules of inquiry for the census of

1900 care was taken to preserve the basis of comparison with prior censuses. Comparison may be made safely with respect to all the items of inquiry except those relating to capital, salaried officials, clerks, etc., and their salaries, the average number of employees, and the total amount of wages paid. Live capital, that is, cash on hand, bills receivable, unsettled ledger accounts, raw materials, stock in process of manufacture, finished products on hand, and other sundries, was first called for at the census of 1890. No definite attempt was made, prior to the census of 1890, to secure a return of live capital invested.

Changes were made in the inquiries relating to employees and wages in order to eliminate defects found to exist on the form of inquiry adopted in 1890. At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay, and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was ascertained by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the method of ascertaining the average number of wage-earners during the entire year may have resulted in a variation in the number, and should be considered in making comparisons.

At the census of 1890 the number and salaries of proprietors and firm members actively engaged in the business or in supervision were reported, combined with clerks and other officials. In cases where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900 only the number of proprietors and firm members actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class. It is therefore impossible to compare the number and salaries of salaried officials of any character for the two censuses.

Furthermore, the schedules for 1890 included in the wage-earning class, overseers, foremen, and superintendents (not general superintendents or managers), while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from the wage-earners, as reported by the present census, many high-salaried employees included in that group for the census of 1890.

In some instances, the number of proprietors and firm members, shown in the accompanying tables, falls short of the number of establishments reported. This is accounted for by the fact that no proprietors or firm members are reported for corporations or cooperative establishments.

The reports show a capital of $234,481,528 invested in manufactures and mechanical industries in the 18,015 establishments reporting for the state of Indiana. This sum represents the value of land, buildings, machinery, tools, and implements, and the live capital utilized, but does not include the capital stock of any of the manufacturing corporations of the state. The value of the products is returned at $378,120,140, to produce which involved an outlay of $10,526,293 for salaries of officials, clerks, etc.; $66,847,317 for wages; $33,052,160 for miscellaneous expenses, including rent, taxes, etc.; and $214,961,610 for materials used, mill supplies, freight, and fuel. It is not to be assumed, however, that the difference between the aggregate of these sums and the value of the products is, in any sense, indicative of the profits in the manufacture of the products during the census year. The census schedule takes no cognizance of the cost of selling manufactured articles, or of interest on capital invested, or of the mercantile losses incurred in the business, or of depreciation in plant. The value of the product given is the value as obtained or fixed at the shop or factory. This statement is necessary in order to avoid erroneous conclusions from the figures presented.

The value of products for the state of Indiana, $378,120,140, is the gross value, and not the net or true value. The difference between these two should be carefully noted. The gross value is found by adding the value of products in the separate establishments. But the finished product of one establishment is often the raw material for another. In such cases the value of the former reappears in the latter, and thus the original cost of certain materials may be included several times in the gross value. The net or true value is found by subtracting from the gross value the value of all materials purchased in a partly manufactured form. In this way the duplications in the gross value are eliminated.

At the census of 1890 the schedule was so framed that it was impossible to find the net or true value. In the present census the schedule asked for the value of the materials in two classes, those purchased in the crude state and those purchased in the partly manufactured form. From the answers to these questions the net or true value of products may be computed. Thus, for Indiana, the gross value of products for 1900 was $378,120,140. The value of materials purchased in a partly manufactured form was $119,762,513. The difference, $258,357,627, is the net or true value of products, and represents the increase in the value of raw materials resulting from the various processes of manufacture.

Very respectfully,

Chief Statistician for Manufactures.

INDIANA.

Table 1 shows the manufacturing and mechanical industries of the state of Indiana as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	18,015	12,354	11,198	11,847	5,323	4,392	45.8	10.3	[1]5.5	122.5	21.2
Capital	$234,481,528	$131,605,366	$65,742,962	$52,052,425	$18,451,121	$7,750,402	78.2	100.2	26.3	182.1	138.1
Salaried officials, clerks, etc., number	11,282	[2]13,759	([3])	([3])	([3])	([3])	[1]18.0				
Salaries	$10,526,293	[2]$9,172,718	([3])	([3])	([3])	([3])	14.8				
Wage-earners, average number	155,956	110,590	63,508	58,852	21,295	14,440	41.0	59.1	18.1	176.4	47.5
Total wages	$66,847,317	$42,577,258	$21,960,888	$18,366,780	$6,318,335	$3,728,844	57.0	93.9	19.6	190.7	69.4
Men, 16 years and over	133,009	94,960	62,072	54,412	20,563	13,748	40.1	53.0	14.1	164.6	49.6
Wages	$62,054,517	$39,730,049	([3])	([3])	([3])	([3])	56.2				
Women, 16 years and over	19,266	12,315	3,615	2,272	732	692	56.4	240.7	59.1	210.4	5.8
Wages	$4,181,375	$2,438,287	([3])	([3])	([3])	([3])	71.5				
Children, under 16 years	3,681	3,315	3,821	2,168	([3])	([3])	11.0	[1]13.2	76.2		
Wages	$611,425	$408,922	([3])	([3])	([3])	([3])	49.5				
Miscellaneous expenses	$33,052,160	$16,500,903	([4])	([4])	([4])	([4])	100.3				
Cost of materials used	$214,961,610	$130,119,106	$100,262,917	$63,185,492	$27,142,597	$10,369,700	65.2	29.8	58.8	132.6	161.7
Value of products, including custom work and repairing	$378,120,140	$226,825,082	$148,006,411	$108,617,278	$42,803,469	$18,725,423	66.7	53.3	36.3	153.8	128.6
Total population	2,516,462	2,192,404	1,978,301	1,680,637	1,350,428	988,416	14.8	10.8	17.7	24.5	36.6
Wage-earners engaged in manufactures	155,956	110,590	69,508	58,852	21,295	14,440	41.0	59.1	18.1	176.4	47.5
Per cent of total population	6.2	5.0	3.5	3.5	1.6	1.5					
Assessed value of real estate	[5]$534,253,163	$554,900,734	$538,688,239	$460,120,974	$291,829,992	$112,947,740	[1]3.7	3.0	17.1	57.7	158.4
Value of land and buildings invested in manufactures [6]	$58,046,898	$31,579,846	([3])	([3])	([3])	([3])	83.8				
Per cent of assessed value	10.9	5.7									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] True value of land and improvements, as given in the proceedings of the Indiana State Board of Tax Commissioners, for the year 1899, page 243.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Indiana during the half century. The population during these years increased from 988,416 to 2,516,462, or 154.6 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 14,440 to 155,956, or 980 per cent, embracing, in 1900, 6.2 per cent of the entire population, compared with 1.5 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 216,925, or 8.6 per cent of the total population of the state. The greatest absolute increase, $151,295,058, in the value of products is shown for the decade ending with 1900.

Indiana was noted twenty years ago for its agricultural products, for its cattle and hogs, and for its large timbered areas. While the state still ranks high in these respects, in manufactures it has reached even greater prominence than it attained in 1890. The state is environed with large cities, brought into close contact by numerous railways touching and crossing every section, and affording extensive market facilities for the products of manufactures, agriculture, mines, and quarries. Navigable waterways add to these facilities. Prominent among the causes of Indiana's progress in manufactures are the utilization and development of excellent natural resources, including natural gas and petroleum, forests of excellent timber, extensive coal fields, oölitic limestone, kaolin and other clays, and building stone.

The factory system began developing in Indiana prior to 1850, and its growth has been concurrent with railway building and the increasing transportation facilities incident thereto. Prior to the extension of the railway system of the state, the manufacturing industries were dependent mainly upon the few navigable waterways for transporting both the raw materials and the surplus products to market. Hence, the factory system began its growth along these natural channels of commerce, and its growth with railway extension is a part of the interesting history of the state's industries, illustrating the interdependence of manufactures and commerce.

The first output of natural gas in Indiana is officially recorded as of the year 1886; in 1899 a greater quantity was produced than in any other state.[1] The natural gas area is in a narrow strip of territory in the central portion of the eastern part of the state, extending over several counties, beginning with Jay county, on the Ohio border, and ending with Clinton and Boone counties, just north of the city of Indianapolis. Many manufacturers have been attracted to this region by the cheap and excellent fuel offered. Consequently the cities of the gas belt, and many surrounding it, show a remarkable growth. The manufactures of two of these cities, Anderson and Muncie, are shown at the present census, for the first time, by specified industries. The discovery of natural gas in Indiana was followed by the discovery of petroleum, in the production of which, in 1899, the state ranked fourth.[2] In coal production, in 1899, it was sixth.[3]

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational and eleemosynary institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, page 306.

[2] Ibid., page 9.

[3] United States Geological Survey: Metallic Products, Coal and Coke, page 338.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	23,567	$235,840,093	25,946	157,856	$66,959,749	$33,135,248	$215,349,924	$86,402,060	$120,106,481	$8,841,383	$379,409,340
Hand trades[1]	7,852	8,184,522	9,024	14,436	6,435,404	2,199,577	12,638,553	149,451	12,170,572	318,530	29,329,872
Educational and eleemosynary institutions	8	77,145	.....	74	29,263	581	47,210	345	44,324	2,541	103,807
Establishments with a product of less than $500	5,544	1,281,420	5,624	1,826	88,169	82,502	341,104	38,719	299,644	2,741	1,185,393
All other establishments	10,163	226,297,006	11,298	141,520	60,411,913	30,852,583	202,323,057	86,213,545	107,591,941	8,517,571	348,790,268

[1] Includes bicycle and tricycle repairing, 279; blacksmithing and wheelwrighting, 2,368; boots and shoes, custom work and repairing, 651; carpentering, 807; clothing, men's, custom work and repairing, 662; clothing, women's, dressmaking, 288; dyeing and cleaning, 61; furniture, cabinetmaking, repairing, and upholstering, 159; lock and gun smithing, 67; masonry, brick and stone, 243; millinery, custom work, 854; painting, house, sign, etc., 424; paper hanging, 67; plastering and stuccowork, 149; plumbing, and gas and steam fitting, 326; sewing machine repairing, 8; taxidermy, 2; typewriter repairing, 2; watch, clock, and jewelry repairing, 445.

Of the 23,567 establishments of all classes shown in this table, 13,396, or 56.8 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $30,515,265, or only 8 per cent of the total value of the products of the state.

In addition to the 23,567 active establishments in the state during the census year, with a capital of $235,840,093, shown in Table 2, there were 170 idle establishments, with a capital of $4,048,806, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Bags, paper	1	$55,000	Iron and steel	4	$1,375,000
Bicycles and tricycles	1	12,000	Lime and cement	5	60,385
Brick and tile	18	105,054	Liquors, distilled	1	60,000
Carriages and wagons	6	29,025	Liquors, malt	1	35,000
Coffee and spice, roasting and grinding	1	12,000	Lumber and timber products	29	65,302
Coffins, burial cases, and undertakers' goods	1	78,000	Lumber, planing mill products, including sash, doors, and blinds	5	19,750
Flouring and grist mill products	21	158,885	Marble and stone work	7	82,600
Foundry and machine shop products	2	13,230	Paving and paving materials	4	40,185
Fruits and vegetables, canning and preserving	2	19,375	Starch	4	1,457,786
Glass	7	121,035	Woolen goods	6	123,650
Glass, cutting, staining, and ornamenting	1	20,000	All other industries	41	64,144
Ice, artificial	2	46,400			

TABLE 3.—COMPARATIVE SUMMARY OF NINETEEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	5,441	$154,984,124	98,470	$43,632,986	$24,650,586	$143,486,919	$247,207,994
	1890	4,920	99,816,458	75,564	28,841,521	13,088,473	100,354,317	165,736,153
Increase, 1890 to 1900		521	55,167,666	22,906	14,791,465	11,562,113	43,132,602	81,471,841
Per cent of increase		10.6	55.3	30.3	51.3	88.3	43.0	49.2
Per cent of total of all industries in state	1900	30.2	66.1	63.1	65.3	74.6	66.8	65.4
	1890	39.8	75.8	68.3	67.7	79.3	77.1	73.1
Agricultural implements	1900	45	8,324,564	3,419	1,593,881	596,463	2,619,621	6,415,081
	1890	54	6,842,456	3,078	1,441,416	629,381	2,506,390	5,756,131
Carriage and wagon materials	1900	61	2,133,832	2,289	797,663	155,375	1,595,741	3,149,588
	1890	38	1,626,476	1,856	637,132	100,748	1,137,132	2,282,810
Carriages and wagons	1900	275	17,718,489	6,490	2,756,780	674,971	6,986,043	12,742,243
	1890	394	10,458,432	4,508	1,901,222	520,414	3,671,302	8,248,878
Cars and general shop construction and repairs by steam railroad companies.	1900	54	4,730,261	8,081	4,325,101	171,355	5,454,676	10,242,422
	1890	48	3,929,805	6,613	3,274,288	(1)	3,904,281	7,289,382
Cars, steam railroad, not including operations of railroad companies.	1900	4	6,062,000	3,337	1,550,764	224,009	6,287,256	9,006,577
	1890	4	5,199,706	3,310	1,536,141	150,782	4,924,342	7,073,329
Clay products:								
Total	1900	607	6,030,738	4,859	1,726,782	241,275	864,642	4,222,529
	1890	784	3,447,764	5,926	1,269,884	193,682	514,651	3,142,454
Brick and tile	1900	558	4,505,080	3,609	1,195,540	161,722	552,447	2,931,211
	1890	764	3,181,744	5,599	1,135,457	175,084	449,195	2,829,033
Pottery, terra cotta, and fire-clay products	1900	49	1,525,658	1,250	531,242	79,553	312,195	1,291,318
	1890	20	266,020	327	134,377	18,598	65,456	313,421
Clothing, men's, factory product	1900	31	1,691,177	2,908	684,751	101,495	2,005,942	3,367,831
	1890	22	1,115,219	1,874	448,108	120,830	1,611,258	2,570,179
Flouring and grist mill products	1900	897	10,734,544	2,124	1,010,877	570,830	25,664,120	30,150,766
	1890	723	10,022,173	2,785	1,086,214	723,134	26,603,127	31,239,627
Foundry and machine shop products	1900	337	14,820,001	10,339	4,616,775	1,095,758	8,326,352	17,228,096
	1890	206	9,163,357	5,904	2,764,243	490,140	4,018,760	9,542,499
Furniture, factory product	1900	129	7,666,064	7,149	2,589,888	535,938	4,082,043	8,769,509
	1890	131	5,807,592	6,096	2,422,235	489,262	3,265,139	7,662,650
Glass	1900	110	12,775,389	13,015	7,226,047	690,165	4,582,141	14,757,883
	1890	21	3,556,563	3,010	1,469,149	360,384	865,374	2,995,409
Iron and steel	1900	27	14,994,210	7,579	4,243,831	376,844	12,438,754	19,338,481
	1890	15	3,149,095	2,648	1,151,148	180,287	3,075,056	4,742,760
Liquors:								
Total	1900	66	7,673,897	1,281	713,687	16,874,740	3,056,944	22,738,105
	1890	54	6,215,855	1,032	577,416	5,925,024	1,855,113	9,677,973
Liquors, distilled	1900	24	1,325,900	236	112,049	14,340,455	1,929,865	16,961,058
	1890	17	1,626,825	167	61,109	4,721,785	711,111	5,840,129
Liquors, malt	1900	42	6,347,997	1,045	601,638	2,534,285	1,127,079	5,777,047
	1890	37	4,589,030	865	516,307	1,203,239	1,144,002	3,837,844
Lumber and timber products	1900	1,849	10,947,574	9,503	3,608,932	469,306	11,316,001	20,613,724
	1890	1,633	11,387,470	15,021	4,356,196	629,112	10,027,901	20,278,023
Lumber, planing mill products, including sash, doors, and blinds	1900	205	3,394,054	2,115	879,544	259,818	2,957,266	5,088,669
	1890	178	3,186,467	2,122	1,003,374	165,950	2,722,702	4,787,974
Paper and wood pulp	1900	39	5,379,227	1,816	723,972	226,156	2,470,523	4,170,497
	1890	29	1,513,275	805	340,045	134,082	873,320	1,776,016
Printing and publishing, newspapers and periodicals	1900	638	4,792,139	4,084	1,784,059	577,187	1,442,214	6,093,191
	1890	505	2,506,675	2,628	1,148,983	540,595	774,429	3,589,518
Slaughtering:								
Total	1900	36	8,860,284	3,597	1,565,752	530,956	38,608,841	43,862,273
	1890	21	5,346,255	2,107	1,018,104	1,358,283	24,425,470	27,913,840
Slaughtering and meat packing, wholesale	1900	25	8,658,034	3,550	1,537,024	522,069	37,760,871	42,891,243
	1890	12	1,694,280	1,110	475,223	150,369	5,878,918	6,924,801
Slaughtering, wholesale, not including meat packing	1900	11	202,250	47	28,728	8,887	847,970	971,030
	1890	9	3,651,975	997	542,881	1,207,864	18,546,552	20,989,039
Textiles:								
Total	1900	31	6,255,710	4,485	1,333,900	277,945	2,777,699	5,250,529
	1890	60	5,341,823	4,241	1,001,873	376,483	3,178,570	5,166,711
Cotton goods	1900	4	1,678,141	1,421	323,949	71,648	700,557	1,335,007
	1890	6	1,744,720	1,809	310,342	73,941	919,566	1,350,425
Hosiery and knit goods	1900	7	2,723,306	2,016	703,129	108,442	1,200,483	2,424,304
	1890	9	716,989	935	177,798	70,437	408,195	827,104
Woolen goods	1900	20	1,849,263	1,048	306,822	97,855	876,659	1,491,218
	1890	45	2,880,114	1,997	518,783	232,105	1,850,809	2,989,182

[1] Not reported.

The 19 leading industries of the state in 1900, as shown in Table 3, embraced 5,441 establishments, or 30.2 per cent of the total number in the state; used a capital of $154,984,124, or 66.1 per cent of the total; gave employment to 98,470 wage-earners, or 63.1 per cent of the total number; and paid $43,632,986, or 65.3 per cent of the total wages. The value of their products was $247,207,994, or 65.4 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that slaughtering and meat packing is the most important industry in the state. The 36 establishments reported in 1900 gave employment to 3,597 wage-earners, or 2.3 per cent of the wage-earners employed in the state, and the products were valued at $43,862,273, or 11.6 per cent of the total value of the products of the state. In 1890 there were 21 establishments, 2,107 wage-earners, and products valued at $27,913,840. The increase in the value of products during the decade was $15,948,433, or 57.1 per cent. The city of Hammond, in the northwestern corner of the state, within a short distance of Chicago, is the leading slaughtering and meat packing center of Indiana. Indianapolis is next in importance, and still ranks among the chief meat-packing centers of the West. Fort Wayne also does considerable meat packing. This industry owes its increasing prosperity in Indiana largely to the geographical position, excellent transportation facilities, and large corn production of the state. In 1899 Indiana raised 141,852,594 bushels of corn,[1] being sixth in rank, in this regard, in the United States. Hogs from other corn states are brought in large numbers to the Indiana slaughtering centers.

The manufacture of flouring and grist mill products ranks second among the industries of the state, with 897 establishments, 2,124 wage-earners, and products valued at $30,150,766. In 1890 there were 723 establishments, 2,785 wage-earners, and products valued at $31,239,627. The decrease in the value of products during the decade was $1,088,861, or 3.5 per cent. While there was a short wheat crop in Indiana in 1899, the falling off in the value of flouring and grist mill products is sufficiently explained by a reduction of prices. Larger quantities of wheat flour, buckwheat flour, corn meal, and hominy were milled than in 1890.

There were 66 establishments engaged in the manufacture of liquors, the industry third in rank, with 1,281 wage-earners, and products valued at $22,738,105. In 1890 there were 54 establishments, 1,032 wage-earners, and products valued at $9,677,973. The increase in the value of products during the decade was $13,060,132, or 134.9 per cent. A great part of the increase in this industry is shown in the manufacture of distillates, in which corn, raised largely in Indiana, is used. There is also a concentration of distilling interests at Terre Haute.

There were 1,849 establishments engaged in the manufacture of lumber and timber products in 1900, with 9,503 wage-earners, and products valued at $20,613,724. In 1890 there were 1,633 establishments, 15,021 wage-earners, and products valued at $20,278,023. The increase in the value of products during the decade was $335,701, or 1.7 per cent. The forests of Indiana contain hard-wood timber which is of comparatively great value, but the timber supply is diminishing, and hard-wood logs are brought from Kentucky and Tennessee. Many of the products of the sawmills of the state are articles that have been carried further into remanufactures than in certain other states. Therefore, while in these other states a larger quantity of lumber has been sawed, its aggregate value is not so great. The lumber sawed in Indiana is extensively used for important manufactures in the state, such as carriages and wagons, furniture, and agricultural implements.

There were 27 establishments engaged in the iron and steel industry in 1900, with 7,579 wage-earners, and products valued at $19,338,481. In 1890 there were 15 establishments, 2,648 wage-earners, and products valued at $4,742,760. The increase in the value of products during the decade was $14,595,721, or 307.7 per cent. Indiana is not an iron-producing state, and its iron and steel industries are dependent upon other states for supplies of the metal. Iron ore has been found in several localities, but neither in quality nor quantity to warrant investment. A new branch of the iron and steel industry in the state is the manufacture of tin and terne plate, the figures for which are not included in Table 3, because there were in 1890 no statistics for this industry with which they can be compared. The first establishment in Indiana was started in 1891, in the natural gas belt.[2] Other factories followed in the same region. It is claimed that one of these establishments has shipped plate to Europe. The iron and steel industry shows a larger absolute increase than any other in the state.

There were 337 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 10,339 wage-earners, and products valued at $17,228,096. In 1890 there were 206 establishments, 5,904 wage-earners, and products valued at $9,542,499. The increase in the value of products during the decade was $7,685,597, or 80.5 per cent. The first foundries and machine shops of the state are said to have been engaged exclusively in the construction of boilers and machinery for steamboats which plied on the various navigable rivers of the state.

There were 110 establishments engaged in the manufacture of glass in 1900, with 13,015 wage-earners, and products valued at $14,757,883. In 1890 there were 21 establishments, 3,010 wage-earners, and products valued at $2,995,409. The increase in the value of products during the decade was $11,762,474, or 392.7 per cent. The rapid growth of the glass manufacture is attributable largely to natural gas. Up to the time of its discovery there were only 2 glass plants in the state.[3] One of these, however, was the notable one then at New Albany, at which, as it is claimed, plate glass was first manufactured

[1] Yearbook of the Department of Agriculture, 1899, page 765.

[2] History of Indiana, by William H. Smith, Vol. II, page 690.

[3] Report of the Indiana Department of Statistics, 1895–1896, page 20.

in the United States at a profit.[1] All now in operation are in the natural gas belt, where the abundant and comparatively inexpensive fuel has attracted many plants from other states. The products of these establishments embrace a large variety of goods, including plate and other window glass, cathedral glass, lamp chimneys, lantern globes, fruit jars, and tableware. Large shipments are made to Norway and New Zealand. The first glass factory in Muncie was started in 1889,[2] and now there are 6 there. Anderson, Marion, Alexandria, and Kokomo are among the other places in which glass is manufactured.

There were 275 establishments engaged in the manufacture of carriages and wagons in 1900, with 6,490 wage-earners, and products valued at $12,742,243. In 1890 there were 394 establishments, 4,508 wage-earners, and products valued at $8,248,873. The increase in the value of products during the decade was $4,493,370, or 54.5 per cent. Indiana has long been noted for its carriages and wagons, and some of the establishments manufacturing these vehicles are among the largest in the United States. South Bend, in the northwestern part of the state, having excellent facilities for reaching Chicago and other large markets, is a prominent center of this manufacture; Indianapolis is another. The fine hard-wood forests of Indiana and adjoining states have contributed to the localization of this industry.

There were 54 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 8,081 wage-earners, and products valued at $10,242,422. In 1890 there were 48 establishments, 6,613 wage-earners, and products valued at $7,289,382. The increase in the value of products during the decade was $2,953,040, or 40.5 per cent. The numerous railroads in the state account in part for the prominence of this industry. The excellence of the hard woods sawed in Indiana has also proved a stimulus to it.

There were 4 establishments engaged in the manufacture of steam railroad cars in 1900, with 3,337 wage-earners, and products valued at $9,006,577. In 1890 there were 4 establishments, 3,310 wage-earners, and products valued at $7,073,329. The increase in the value of products during the decade was $1,933,248, or 27.3 per cent. Several establishments are engaged exclusively in building freight cars, for which industry the state is adapted because of its geographical location and its supplies of sawed lumber.

There were 129 establishments engaged in the factory manufacture of furniture in 1900, with 7,149 wage-earners, and products valued at $8,769,509. In 1890 there were 131 establishments, 6,096 wage-earners, and products valued at $7,662,650. The increase in the value of products during the decade was $1,106,859, or 14.4 per cent. For years the manufacture of furniture has been one of the important industries in Indiana. A prominent branch is the making of office desks. Shipments are made to Europe, Mexico, and South America.

[1] History of Indiana, Vol. II, page 689.
[2] Ibid., page 690.

There were 45 establishments engaged in the manufacture of agricultural implements in 1900, with 3,419 wage-earners, and products valued at $6,415,081. In 1890 there were 54 establishments, 3,078 wage-earners, and products valued at $5,756,131. The increase in the value of products during the decade was $658,950, or 11.4 per cent. This industry shows a great variety of products in which the state excels.

There were 638 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 4,084 wage-earners, and products valued at $6,093,191. In 1890 there were 505 establishments, 2,628 wage-earners, and products valued at $3,589,513. The increase in the value of products during the decade was $2,503,678, or 69.7 per cent.

There were 31 establishments engaged in the manufacture of textiles in 1900, with 4,485 wage-earners, and products valued at $5,250,529. In 1890 there were 60 establishments, 4,241 wage-earners, and products valued at $5,166,711. The increase in the value of products during the decade was $83,818, or 1.6 per cent.

There were 205 establishments engaged in the manufacture of lumber, planing mill products, in 1900, with 2,115 wage-earners, and products valued at $5,088,669. In 1890 there were 178 establishments, 2,122 wage-earners, and products valued at $4,787,974. The increase in the value of products during the decade was $300,695, or 6.3 per cent.

There were 607 establishments engaged in the manufacture of clay products in 1900, with 4,859 wage-earners, and products valued at $4,222,529. In 1890 there were 784 establishments, 5,926 wage-earners, and products valued at $3,142,454. The increase in the value of products during the decade was $1,080,075, or 34.4 per cent. It is claimed that machine-made terra cotta was first manufactured in Indiana, and that the several-cored vitrified conduits and the hollow vitrified arch blocks are Indiana inventions.[3] Encaustic tiles are manufactured at Indianapolis, and have an extensive market. The burning is done with natural gas. The clay for the low-priced tiles abounds in Clay, Owen, and Lawrence counties, but for the finer kinds superior clays are brought from other states.

There were 39 establishments engaged in the manufacture of paper and wood pulp in 1900, with 1,816 wage-earners, and products valued at $4,170,497. In 1890 there were 29 establishments, 805 wage-earners, and products valued at $1,776,016. The increase in the value of products during the decade was $2,394,481, or 134.8 per cent.

There were 31 establishments engaged in the factory manufacture of men's clothing in 1900, with 2,908 wage-earners, and products valued at $3,367,831. In 1890 there were 22 establishments, 1,874 wage-earners, and products valued at $2,570,179. The increase in the value of products during the decade was $797,652, or 31 per cent.

[3] History of Indiana, Vol. II, page 695.

There were 61 establishments engaged in the manufacture of carriage and wagon materials in 1900, with 2,289 wage-earners, and products valued at $3,149,588. In 1890 there were 38 establishments, 1,856 wage-earners, and products valued at $2,282,810. The increase in the value of products during the decade was $866,778, or 38 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Evansville, Fort Wayne, Indianapolis, New Albany, South Bend, and Terre Haute as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, EVANSVILLE, FORT WAYNE, INDIANAPOLIS, NEW ALBANY, SOUTH BEND, AND TERRE HAUTE, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	18,015	$234,481,528	155,956	$66,847,317	$33,052,160	$214,961,610	$378,120,140
	1890	12,354	131,605,366	110,590	42,577,258	16,500,903	130,119,106	226,825,082
Per cent of increase		45.8	78.2	41.0	57.0	100.3	65.2	66.7
Evansville	1900	705	10,059,375	7,279	2,883,975	988,542	7,501,660	14,193,320
	1890	482	9,166,859	6,815	2,664,797	804,871	6,875,575	12,809,334
Per cent of increase		46.3	9.7	6.8	8.2	22.8	9.1	10.8
Fort Wayne	1900	397	9,203,613	7,255	2,928,969	730,122	6,597,414	12,525,222
	1890	235	6,999,600	5,644	2,381,554	307,999	5,048,585	9,301,946
Per cent of increase		68.9	31.5	28.5	23.0	137.1	30.7	34.7
Indianapolis	1900	1,910	36,828,114	25,511	10,882,914	5,389,394	42,055,634	68,607,579
	1890	1,189	15,266,685	16,027	7,060,056	2,080,733	21,247,116	36,426,974
Per cent of increase		60.6	141.2	59.2	54.1	159.0	97.9	88.3
New Albany	1900	208	2,996,512	2,430	843,680	231,771	2,364,138	4,179,490
	1890	298	5,342,071	4,165	1,835,341	608,026	3,470,492	6,631,924
Per cent of increase		[1] 30.2	[1] 43.9	[1] 41.7	[1] 54.0	[1] 61.9	[1] 31.9	[1] 37.0
South Bend	1900	302	18,156,638	8,257	3,409,637	950,093	7,510,806	14,236,331
	1890	208	11,252,887	5,750	2,504,562	538,151	4,607,716	9,812,513
Per cent of increase		45.2	61.4	43.6	36.1	76.5	63.0	45.1
Terre Haute	1900	429	8,938,107	5,427	2,298,585	15,358,415	8,029,285	27,784,619
	1890	367	4,965,184	4,720	1,789,442	3,903,928	6,785,616	13,720,529
Per cent of increase		16.9	80.0	15.0	28.5	293.4	18.3	102.5
Total for 6 cities	1900	3,951	86,182,359	56,159	23,247,760	23,648,337	74,061,937	141,526,561
	1890	2,779	52,993,286	43,121	18,235,752	8,243,708	48,035,100	88,703,220
Per cent of increase		42.2	62.6	30.2	27.5	186.8	54.2	59.6
Per cent of 6 cities to total for state	1900	21.9	36.8	36.0	34.8	71.5	34.5	37.4
	1890	22.5	40.3	39.0	42.8	50.0	36.9	39.1

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 6 cities. The number of establishments increased from 2,779 to 3,951, or 42.2 per cent; the average number of wage-earners from 43,121 to 56,159, or 30.2 per cent; and the value of products from $88,703,220 to $141,526,561, or 59.6 per cent. The percentage of increase in the value of products has been slightly smaller in these 6 cities than in the state as a whole. Terre Haute shows the most rapid growth, the value of products having increased from $13,720,529 to $27,784,619, or 102.5 per cent. In Indianapolis, the leading manufacturing city, the number of establishments increased from 1,189 to 1,910, or 60.6 per cent; the number of wage-earners from 16,027 to 25,511, or 59.2 per cent; and the value of products from $36,426,974 to $68,607,579, or 88.3 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 10.6, 16.4, and 18.1 per cent, respectively, of the totals for the state. The decrease in manufactures at New Albany is due to the removal of some of the city's largest establishments to the natural gas district of the state.

Table 5 presents the totals for the manufacturing industries of the 81 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	18,015	$234,481,528	20,322	155,956	$66,847,317	$33,052,160	$214,961,610	$378,120,140	-------	100.0	2,516,462	-------	100.0
Total for urban manufactures	10,038	198,829,281	10,856	128,204	55,998,360	31,142,711	184,622,755	321,980,181	-------	85.2	852,001	-------	33.9
Alexandria	95	3,062,182	98	1,903	993,815	139,082	1,237,069	2,929,596	22	0.8	7,221	28	0.3
Anderson	311	5,709,965	337	4,583	2,363,994	418,526	6,204,219	10,941,854	9	2.9	20,178	8	0.8
Angola	38	201,548	42	141	47,300	12,309	268,280	420,937	69	0.1	2,141	78	0.1
Attica	46	389,945	54	313	94,550	416,719	250,291	955,478	44	0.3	3,005	66	0.1
Auburn	59	620,612	66	470	193,080	37,988	655,775	1,152,250	41	0.3	3,396	63	0.1

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Aurora	59	$515,494	55	515	$172,542	$32,920	$481,483	$877,139	49	0.2	3,645	58	0.2
Bedford	55	438,793	62	315	154,771	28,382	275,609	566,185	64	0.1	6,115	37	0.2
Bloomington	58	317,937	67	391	123,949	21,611	405,636	714,838	55	0.2	6,460	34	0.3
Bluffton	91	416,432	84	461	175,829	49,299	525,428	978,993	43	0.3	4,479	47	0.2
Brazil	124	1,469,188	138	809	375,614	62,593	1,077,795	1,815,474	33	0.5	7,786	27	0.3
Brookville	40	155,082	47	199	71,294	14,488	178,049	317,968	77	0.1	2,037	76	0.1
Butler	25	170,911	27	175	51,925	12,089	194,511	327,600	75	0.1	2,063	75	0.1
Cannelton	26	509,822	25	410	95,672	18,859	189,758	375,592	74	0.1	2,188	72	0.1
Columbia City	60	340,995	56	254	109,318	30,112	486,937	743,007	53	0.2	2,975	67	0.1
Columbus	94	2,687,825	116	1,847	522,427	194,312	1,595,644	2,938,662	21	0.8	8,130	24	0.3
Connersville	68	1,880,511	68	1,455	589,095	153,537	1,485,962	2,598,420	25	0.7	6,836	32	0.3
Crawfordsville	71	402,497	78	318	133,502	43,765	343,241	735,586	54	0.2	6,649	33	0.3
Decatur	83	389,040	107	341	128,181	32,386	320,002	656,430	57	0.2	4,142	50	0.2
Delphi	54	234,026	65	183	76,889	12,856	164,116	326,876	76	0.1	2,135	74	0.1
East Chicago	17	2,768,122	9	1,448	627,855	92,211	1,723,381	3,055,689	19	0.8	3,411	60	0.1
Edinburg	26	160,503	32	117	41,920	6,404	66,648	160,720	80	(1)	1,820	78	0.1
Elkhart	142	2,901,541	147	2,324	1,097,741	468,438	2,065,031	4,283,746	15	1.1	15,184	13	0.6
Elwood	135	4,513,128	146	2,958	1,781,752	175,187	6,999,786	9,929,311	10	2.6	12,950	15	0.5
Evansville	705	10,059,375	766	7,279	2,888,975	988,542	7,504,660	14,193,320	6	4.0	59,007	2	2.3
Fairmount	37	272,528	44	649	343,572	18,517	316,112	833,517	51	0.2	3,205	65	0.1
Fort Wayne	397	9,203,618	402	7,255	2,928,969	730,122	6,597,414	12,525,222	7	3.3	45,115	3	1.8
Frankfort	86	544,645	97	672	292,349	45,531	786,336	1,411,736	39	0.4	7,100	31	0.3
Franklin	67	236,700	76	129	56,188	19,349	287,626	492,687	66	0.1	4,005	51	0.2
Garrett	28	229,083	32	354	184,066	7,906	373,477	628,153	59	0.2	3,910	54	0.2
Gas City	36	1,606,938	29	1,427	840,747	33,487	1,677,224	2,959,187	20	0.8	3,622	59	0.2
Goshen	133	1,596,928	145	1,112	412,752	162,918	1,475,939	2,521,242	26	0.7	7,810	26	0.3
Greencastle	68	199,694	89	145	68,087	15,887	216,788	395,398	72	0.1	3,661	56	0.2
Greenfield	59	402,936	63	383	195,512	31,983	357,774	761,222	52	0.2	4,489	46	0.2
Greensburg	76	353,430	99	324	123,982	52,619	725,562	1,107,694	42	0.3	5,034	42	0.2
Hammond	52	6,326,907	49	2,738	1,265,521	491,449	20,277,354	25,223,536	3	6.7	12,376	16	0.5
Hartford City	100	1,079,461	124	950	573,227	56,524	765,340	1,747,090	34	0.5	5,912	39	0.2
Huntingburg	51	171,854	51	178	64,329	11,178	282,087	378,440	73	0.1	2,527	71	0.1
Huntington	99	956,803	113	1,238	521,251	45,923	1,106,697	1,922,329	32	0.5	9,491	20	0.4
Indianapolis	1,910	36,828,114	1,967	25,511	10,882,914	5,389,394	42,055,634	68,607,579	1	18.1	169,164	1	6.7
Jasper	42	162,323	50	202	80,121	10,412	142,128	297,600	78	0.1	1,863	77	0.1
Jeffersonville	78	2,695,007	87	1,802	877,275	143,146	2,579,034	4,099,209	17	1.1	10,774	17	0.4
Kendallville	39	758,180	50	407	150,511	147,333	306,324	936,880	45	0.2	3,354	64	0.1
Kokomo	136	2,533,909	133	1,747	707,688	219,510	1,308,899	2,724,859	23	0.7	10,609	18	0.4
Lafayette	234	3,061,476	234	1,756	767,079	286,049	2,322,364	4,310,730	14	1.1	18,116	10	0.7
Laporte	96	2,849,165	106	989	379,097	127,086	1,194,572	2,247,659	29	0.6	7,113	30	0.3
Lawrenceburg	51	1,047,246	59	674	287,888	90,613	1,632,315	2,250,034	28	0.6	4,326	49	0.2
Lebanon	66	258,720	91	291	105,958	17,004	343,864	588,879	63	0.1	4,465	48	0.2
Logansport	170	1,969,073	200	1,627	730,494	139,096	1,286,651	2,681,784	24	0.7	16,204	12	0.6
Madison	111	1,553,444	112	1,011	346,832	107,266	1,176,754	2,145,838	31	0.6	7,835	25	0.3
Marion	163	3,587,672	184	3,109	1,475,371	296,932	2,487,417	5,170,435	13	1.4	17,337	11	0.7
Michigan City	82	4,242,355	81	2,930	1,045,245	267,048	4,007,823	6,129,001	11	1.6	14,850	14	0.6
Middletown	23	430,087	23	267	185,482	19,733	599,597	926,917	47	0.2	1,801	79	0.1
Mishawaka	56	3,942,030	50	1,761	843,922	184,419	1,474,313	3,176,773	18	0.8	5,560	40	0.2
Montpelier	60	196,862	75	238	123,080	9,611	346,119	638,640	58	0.2	3,405	62	0.1
Mt. Vernon	86	713,217	103	362	147,567	31,486	999,168	1,382,349	40	0.4	5,132	41	0.2
Muncie	347	7,793,882	343	6,294	3,067,748	506,279	6,690,155	12,106,648	8	3.2	20,942	6	0.8
New Albany	208	2,996,512	221	2,430	843,680	231,771	2,361,138	4,179,490	16	1.1	20,628	7	0.8
New Castle	54	363,190	66	268	90,589	22,959	288,376	538,513	65	0.1	3,406	61	0.1
Noblesville	56	1,016,790	69	593	242,055	50,885	868,981	1,426,287	38	0.4	4,792	44	0.2
Peru	103	1,147,288	118	1,271	470,919	81,165	819,593	1,620,889	36	0.4	8,463	23	0.3
Plymouth	52	387,146	63	300	112,444	33,077	210,348	434,475	68	0.1	3,656	57	0.1
Portland	72	218,310	84	398	137,946	16,001	261,274	592,552	62	0.2	4,798	43	0.2
Princeton	87	605,351	105	469	207,789	40,294	535,485	929,270	46	0.2	6,041	38	0.2
Richmond	195	5,175,446	189	2,991	1,306,921	297,605	2,490,180	5,282,049	12	1.4	18,226	9	0.7
Rockport	45	674,246	59	211	71,676	15,371	165,126	403,083	70	0.1	2,882	68	0.1
Rushville	91	531,736	117	405	168,849	37,523	499,242	850,360	50	0.2	4,541	45	0.2
Seymour	81	871,746	91	671	234,860	45,268	1,089,058	1,622,408	35	0.4	6,445	35	0.3
Shelbyville	122	902,725	148	829	335,744	74,981	871,033	1,572,536	37	0.4	7,169	29	0.3
Sheridan	33	109,111	36	109	67,248	4,971	99,018	241,567	79	0.1	1,795	80	0.1
South Bend	302	18,156,638	330	8,257	3,409,637	950,093	7,510,806	14,236,331	5	3.8	35,999	5	1.4
Tell City	46	466,979	38	585	188,005	51,808	320,078	711,849	56	0.2	2,680	70	0.1
Terre Haute	429	8,938,107	493	5,427	2,298,585	15,358,415	8,029,285	27,784,619	2	7.3	36,673	4	1.5
Tipton	56	203,087	71	277	109,605	12,672	357,678	594,161	61	0.2	3,764	55	0.1
Troy	10	104,220	12	95	19,016	5,582	84,592	123,328	81	(1)	599	81	(1)
Union City	53	232,807	47	164	71,069	16,022	237,692	443,847	67	0.1	2,716	69	0.1
Valparaiso	66	189,610	72	306	92,014	14,991	182,668	399,496	71	0.1	6,280	36	0.3
Vincennes	109	1,552,386	105	970	388,865	130,690	1,098,676	2,282,384	27	0.5	10,249	19	0.4
Wabash	109	2,430,502	121	1,241	589,355	80,310	1,206,726	2,225,990	30	0.6	8,618	21	0.3
Warsaw	75	351,872	88	244	110,822	22,479	335,935	610,465	60	0.2	3,987	52	0.2
Washington	57	437,177	55	621	314,742	18,650	433,101	885,062	48	0.2	8,551	22	0.3
Whiting	6	12,701,598	5	1,836	1,144,113	350,933	13,420,494	16,674,285	4	4.4	3,983	53	0.2
Total for state exclusive of urban manufactures	7,977	35,652,247	9,466	27,762	10,848,957	1,909,449	30,338,855	56,139,956	-------	14.8	1,664,461	-------	66.1
Per cent of urban manufactures to total for state	55.7	84.8	53.4	82.2	83.8	94.2	85.9	85.2	-------	-------	33.9	-------	-------

[1] Less than one-tenth of 1 per cent.

Of the 18,015 establishments in the state, 10,038, or 55.7 per cent, were located in these 81 cities and towns. They furnished employment to 128,204 wage-earners, or 82.2 per cent of the total number, and the value of their products, $321,980,184, formed 85.2 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State	18,015	$234,481,528	$19,404,624	$38,642,214	$65,046,726	$111,387,964	20,322	11,282	$10,526,293	155,956	$66,847,317
2	Adams	162	540,595	80,025	80,550	136,524	243,496	218	22	16,708	479	173,593
3	Allen	532	9,707,668	954,348	1,291,347	2,383,369	5,078,604	579	673	641,746	7,793	3,123,816
4	Bartholomew	177	2,882,377	127,223	288,551	404,314	2,012,289	221	158	118,396	1,485	568,339
5	Benton	62	152,222	18,070	24,040	31,206	83,906	76	2	1,800	83	32,957
6	Blackford	181	1,463,938	117,465	471,145	381,124	494,201	223	73	60,715	1,404	793,227
7	Boone	175	483,969	44,179	96,995	139,150	203,645	224	14	8,042	432	155,815
8	Brown	47	44,373	4,875	6,390	23,728	9,380	58			84	11,367
9	Carroll	140	457,991	40,715	77,430	177,370	162,476	168	14	7,589	317	123,392
10	Cass	258	2,406,451	299,927	435,110	708,721	962,693	301	99	80,124	2,295	905,269
11	Clark	175	3,884,970	278,656	605,724	785,479	2,215,111	178	129	161,351	2,562	1,087,763
12	Clay	177	1,847,333	189,809	330,520	724,213	603,391	195	67	53,830	1,125	504,253
13	Clinton	175	739,249	65,820	148,245	229,073	296,111	202	81	50,127	783	332,462
14	Crawford	60	229,564	31,815	25,370	71,757	100,592	83	14	7,448	167	57,670
15	Daviess	129	647,972	97,185	187,785	211,082	151,920	151	27	13,645	770	369,426
16	Dearborn	177	1,958,685	88,060	262,047	403,424	1,205,154	193	105	103,682	1,411	542,799
17	Decatur	149	517,321	48,670	90,516	146,340	231,795	191	44	31,224	553	199,719
18	Dekalb	195	1,196,459	71,937	240,192	246,732	637,598	233	104	85,009	1,113	466,026
19	Delaware	481	10,294,443	738,271	1,789,988	3,596,055	4,170,129	487	308	390,421	7,499	3,661,300
20	Dubois	176	695,976	74,642	143,611	157,568	320,155	214	33	18,843	747	249,547
21	Elkhart	370	5,121,424	301,863	945,510	1,389,651	2,484,400	404	889	288,612	3,824	1,657,339
22	Fayette	90	1,909,996	78,960	273,555	329,881	1,227,600	98	105	94,505	1,481	597,925
23	Floyd	243	3,040,977	231,235	431,105	910,797	1,467,840	264	111	108,156	2,465	854,271
24	Fountain	149	768,600	77,280	132,626	170,902	387,792	178	71	51,270	591	190,252
25	Franklin	125	303,028	25,141	55,295	112,285	110,307	148	18	10,360	382	145,119
26	Fulton	106	308,127	27,325	65,930	99,550	115,322	128	10	9,300	296	105,995
27	Gibson	199	1,078,468	131,115	164,877	285,594	496,882	242	34	29,514	795	334,961
28	Grant	365	6,516,720	358,317	1,458,281	1,687,336	3,012,786	388	323	305,223	6,428	3,319,181
29	Greene	118	234,327	18,427	44,005	97,502	74,393	157	3	1,700	191	64,563
30	Hamilton	203	2,138,170	130,905	383,665	706,182	917,418	233	86	86,984	1,754	876,968
31	Hancock	149	664,640	61,145	145,870	196,181	271,444	171	71	43,514	614	284,959
32	Harrison	115	241,565	54,981	32,990	95,135	58,459	148	5	3,360	182	65,099
33	Hendricks	185	249,110	25,085	54,255	91,305	78,465	169	4	960	173	58,856
34	Henry	222	1,136,484	63,180	163,424	432,597	477,283	254	48	31,185	791	367,438
35	Howard	204	2,902,595	181,545	684,157	1,117,032	919,861	212	149	119,081	2,028	810,721
36	Huntington	232	1,264,011	159,702	221,022	384,222	549,065	269	81	50,184	1,512	620,089
37	Jackson	186	1,257,697	83,052	143,360	343,011	688,274	218	57	48,912	983	340,707
38	Jasper	72	127,833	16,567	20,635	43,153	47,478	86	4	3,190	129	41,691
39	Jay	191	1,330,409	95,757	329,964	274,424	630,264	206	66	74,466	1,434	683,159
40	Jefferson	178	1,657,432	79,942	300,717	487,542	789,231	198	79	67,337	1,074	370,982
41	Jennings	89	465,246	46,914	61,156	99,234	257,942	114	18	8,540	308	102,153
42	Johnson	153	752,257	60,810	169,362	175,453	346,632	176	37	25,828	838	191,157
43	Knox	189	1,844,281	212,856	481,926	581,715	567,784	211	81	60,494	1,163	453,293
44	Kosciusko	191	781,107	122,635	115,514	231,344	261,614	223	25	17,688	495	207,458
45	Lagrange	106	278,622	81,305	44,810	76,635	75,872	120	9	2,670	189	61,916
46	Lake	166	22,982,238	838,600	2,694,132	9,347,653	10,101,853	163	564	636,375	6,359	3,193,956
47	Laporte	241	7,213,643	332,898	775,392	1,166,891	4,938,462	257	206	221,408	3,956	1,436,317
48	Lawrence	118	995,392	200,152	186,301	375,816	233,623	128	46	47,253	710	287,457
49	Madison	693	15,321,852	835,667	3,261,814	5,344,844	5,879,527	743	546	570,917	11,517	6,056,863
50	Marion	2,020	37,196,455	3,482,337	5,276,703	10,448,632	17,988,783	2,088	2,649	2,464,195	25,873	11,034,435
51	Marshall	155	791,776	66,695	162,426	242,594	320,061	175	41	32,725	666	264,624
52	Martin	60	142,985	10,615	21,895	55,975	54,500	74	5	3,460	83	27,977
53	Miami	207	2,028,115	323,705	394,714	563,461	746,235	249	86	66,539	1,711	652,511
54	Monroe	101	746,517	136,690	91,150	269,995	248,682	118	22	16,338	500	171,788
55	Montgomery	175	831,462	85,300	133,008	243,587	369,567	209	47	35,628	704	258,767
56	Morgan	128	318,253	29,149	55,180	94,586	139,338	153	18	6,000	332	144,093
57	Newton	30	75,736	7,365	17,525	22,331	28,515	41			39	13,710
58	Noble	171	1,233,850	72,744	160,590	192,377	808,139	202	52	45,385	698	259,666
59	Ohio	16	63,865	4,920	7,690	19,560	31,695	17	3	1,668	44	15,664
60	Orange	71	202,195	38,865	23,560	67,535	77,235	88	9	2,813	141	49,763
61	Owen	74	358,977	61,790	36,262	176,950	83,975	91	17	9,726	243	104,825
62	Parke	105	818,254	88,910	172,740	221,454	335,150	137	19	11,452	433	166,283
63	Perry	121	1,197,532	67,051	209,841	366,908	553,732	128	45	33,100	1,246	351,768
64	Pike	67	140,063	7,380	21,660	56,620	54,403	93	3	996	99	34,314
65	Porter	117	728,975	118,848	257,821	165,025	187,781	124	25	19,523	460	145,085
66	Posey	164	934,858	142,771	190,826	243,857	357,404	185	32	22,944	485	190,360
67	Pulaski	59	134,041	17,145	20,525	46,765	49,606	68	2	2,500	89	26,881
68	Putnam	133	374,004	30,985	51,265	141,005	150,749	174	21	12,733	827	126,317
69	Randolph	223	979,635	77,425	185,481	200,068	516,661	233	70	45,968	991	375,324
70	Ripley	153	724,443	99,708	107,455	211,408	305,872	170	39	23,785	541	179,966
71	Rush	191	795,251	45,575	129,855	239,985	379,836	219	32	21,081	641	258,902

Table 8 shows the totals for the cities of Anderson, Evansville, Fort Wayne, Indianapolis, Muncie, New Albany, South Bend, and Terre Haute by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
138,009	$62,054,517	19,266	$4,181,375	3,681	$611,425	$33,052,160	$1,558,767	$1,302,309	$28,022,859	$2,168,225	$214,961,610	$209,949,254	$5,012,356	$378,120,140	1
424	165,892	47	6,847	8	854	38,136	7,113	4,245	22,378	4,400	506,219	492,374	13,845	983,153	2
5,783	2,770,794	1,828	330,018	182	23,004	765,071	79,346	49,709	601,270	34,746	7,068,207	6,907,448	160,759	13,403,369	3
1,382	547,865	91	18,939	12	1,535	201,443	11,826	13,063	171,129	5,425	1,751,870	1,728,850	23,020	3,229,570	4
72	30,909	8	1,690	3	358	8,849	4,197	1,225	3,267	160	78,221	71,967	6,254	194,093	5
1,246	760,227	82	20,510	76	12,490	75,579	10,607	8,862	54,960	1,150	1,183,842	1,158,529	25,313	2,614,004	6
377	145,841	44	8,533	11	941	24,184	6,845	4,301	12,328	710	619,845	605,551	14,294	1,040,314	7
32	11,037	----	----	2	330	3,328	1,022	601	1,705	----	50,079	49,309	770	96,935	8
284	117,495	27	5,149	6	748	19,653	5,554	2,503	11,596	----	384,010	364,570	19,440	693,867	9
2,067	860,983	205	40,172	23	4,114	159,328	24,004	18,635	116,293	396	1,684,120	1,640,597	43,523	3,597,753	10
2,426	1,060,983	116	24,378	20	2,402	204,482	12,705	17,193	149,839	24,695	3,655,740	3,543,284	112,456	5,721,349	11
1,042	486,636	54	12,728	29	4,889	83,777	9,642	7,280	52,960	13,895	1,860,114	1,272,438	87,676	2,396,212	12
721	319,531	58	11,453	9	1,478	50,656	14,405	6,295	29,763	193	979,960	957,885	22,075	1,756,276	13
161	56,680	4	707	2	283	7,703	395	1,728	5,580	----	198,885	192,967	5,918	345,864	14
740	364,055	22	4,108	8	1,262	26,315	5,745	6,043	14,527	----	615,079	600,108	14,971	1,215,323	15
1,246	513,538	119	24,043	47	5,218	161,669	6,255	17,018	136,088	2,308	2,702,348	2,644,729	57,619	4,028,059	16
499	187,289	40	9,814	14	2,616	59,979	8,436	4,035	47,498	10	872,609	854,020	18,589	1,427,156	17
1,087	451,093	68	13,927	8	1,006	64,885	7,048	7,179	45,398	5,260	1,440,057	1,420,601	19,456	2,470,328	18
6,806	3,505,630	472	108,755	221	46,865	556,602	37,726	29,431	410,280	79,165	7,375,697	7,150,737	224,960	13,772,065	19
719	244,695	17	3,458	11	1,394	37,597	2,955	5,727	28,915	----	839,438	826,066	13,372	1,390,146	20
3,803	1,531,939	493	121,369	28	4,031	656,729	41,939	25,633	588,509	5,648	4,208,659	4,123,527	85,132	7,855,551	21
1,419	584,257	43	10,782	19	2,886	156,153	7,982	10,489	137,182	500	1,507,032	1,469,638	37,394	2,663,382	22
1,828	742,631	599	106,346	38	5,294	285,490	17,028	17,631	183,416	17,415	2,397,038	2,283,860	113,178	4,251,566	23
467	168,920	120	20,802	4	530	437,893	5,685	6,983	425,031	194	541,989	514,157	27,832	1,525,148	24
361	141,014	17	3,747	4	358	19,517	2,380	2,120	15,017	----	292,440	284,765	7,675	590,854	25
236	90,788	55	14,440	5	767	21,386	5,099	2,054	14,203	30	375,049	368,059	6,990	621,761	26
747	325,281	29	7,019	19	2,661	64,008	11,011	8,344	33,053	6,600	1,332,984	1,317,353	15,631	2,118,983	27
5,358	3,104,221	504	112,668	566	102,292	391,075	28,543	32,187	330,177	168	5,254,827	5,086,469	168,358	10,935,986	28
181	62,606	7	1,569	3	388	14,576	2,963	2,597	6,510	2,506	378,933	372,690	6,243	617,906	29
1,605	846,975	96	19,416	53	10,577	89,596	8,589	9,934	70,233	840	1,952,952	1,898,511	54,441	3,565,178	30
514	261,985	55	19,047	45	3,927	66,397	4,926	4,930	43,393	13,148	667,151	642,370	24,781	1,345,320	31
178	64,514	2	385	2	200	9,053	1,806	1,824	5,423	----	294,695	290,517	4,178	507,573	32
155	56,229	17	2,577	1	50	13,354	3,867	1,765	7,722	----	328,805	320,646	8,159	538,112	33
695	351,542	87	15,112	9	781	59,930	7,789	5,731	41,563	4,847	1,270,854	1,255,728	15,126	2,110,938	34
1,719	765,430	252	38,394	57	6,897	239,205	14,654	19,220	187,680	17,651	1,494,656	1,400,226	94,430	3,111,825	35
1,411	601,584	90	16,313	11	2,192	63,771	12,469	8,921	42,381	----	1,388,275	1,341,958	46,317	2,455,035	36
770	299,959	169	34,492	44	6,256	59,073	8,914	9,462	40,567	130	1,498,380	1,477,964	20,416	2,338,454	37
107	37,358	18	3,864	4	469	10,294	3,734	1,036	5,524	----	94,479	88,210	6,269	225,853	38
1,272	652,791	104	18,648	58	11,720	70,244	5,669	8,746	51,779	4,050	729,185	690,716	38,419	1,916,319	39
761	318,438	296	51,280	17	1,264	110,548	10,277	14,940	85,331	----	1,289,323	1,261,739	27,584	2,359,238	40
288	99,340	16	2,275	4	538	17,870	3,150	3,818	10,902	----	413,073	408,279	4,794	679,375	41
599	161,347	222	28,435	17	1,375	93,041	6,054	6,158	79,219	1,610	928,852	913,318	15,534	1,565,663	42
993	416,895	151	32,985	19	3,413	138,190	10,826	13,081	114,783	----	1,387,302	1,338,519	48,783	2,787,822	43
410	191,449	69	13,434	16	2,575	39,094	10,295	4,703	23,896	200	757,398	743,642	13,751	1,275,625	44
168	58,246	16	3,088	5	582	9,110	2,336	1,709	5,065	----	241,635	236,650	4,985	440,506	45
5,802	3,060,621	536	130,501	21	2,834	1,027,693	11,621	62,359	948,633	5,080	36,027,422	35,178,412	849,010	46,054,381	46
3,291	1,313,123	526	103,685	130	19,509	397,203	15,713	24,030	312,457	45,003	5,383,863	5,295,512	88,351	8,628,982	47
684	282,744	21	4,118	5	595	76,804	7,950	10,400	58,454	----	543,852	509,004	34,848	1,231,376	48
10,144	5,753,300	640	143,020	733	160,543	890,752	54,279	93,962	726,426	16,085	15,577,264	15,172,191	405,073	26,683,958	49
21,540	10,070,370	4,066	926,416	267	37,649	5,399,040	434,156	219,884	3,190,178	1,554,822	42,355,081	41,721,923	633,158	69,201,691	50
594	251,378	58	11,634	14	1,612	57,552	5,667	4,827	46,858	200	572,601	547,008	25,593	1,187,799	51
78	26,737	2	945	3	295	4,772	1,531	1,413	1,828	----	194,704	192,328	2,376	298,239	52
1,525	621,463	137	24,742	49	6,306	114,240	13,265	11,119	87,696	2,160	1,287,932	1,250,230	37,702	2,487,277	53
488	167,817	14	3,697	3	274	26,931	6,371	6,222	14,338	----	511,591	500,020	11,571	949,539	54
591	235,661	95	20,840	18	2,266	61,937	11,461	5,513	43,963	1,000	686,391	666,578	19,813	1,340,924	55
313	141,120	10	2,335	9	638	23,241	5,116	3,110	15,015	----	407,624	399,944	7,680	776,816	56
35	13,060	2	400	2	250	2,752	791	394	1,492	75	24,687	18,966	5,721	68,411	57
636	247,845	57	11,272	5	549	177,254	6,867	5,116	165,271	----	866,065	848,346	17,719	1,896,284	58
42	15,496	----	----	2	168	3,658	228	697	2,733	----	73,090	72,034	1,056	119,280	59
137	49,217	1	186	3	410	9,462	1,249	2,047	6,141	25	248,822	246,122	2,700	419,295	60
230	102,562	8	1,508	5	755	11,482	1,811	1,696	7,900	75	240,734	231,098	9,636	456,676	61
411	162,708	15	2,825	7	750	24,179	3,082	5,031	14,476	1,590	605,899	572,619	33,280	985,220	62
783	273,953	438	74,993	25	2,822	79,932	1,870	12,431	65,481	150	741,265	725,858	15,407	1,476,247	63
87	32,779	5	575	7	960	7,549	1,091	1,027	5,306	125	146,204	143,719	2,485	254,287	64
276	107,918	168	34,357	16	2,810	34,106	6,826	4,090	23,190	----	324,520	295,237	29,283	674,728	65
458	185,587	14	3,431	13	1,342	40,973	7,918	4,796	24,186	4,073	1,268,437	1,251,221	17,216	1,791,586	66
72	24,406	18	1,930	4	545	8,958	2,312	1,196	5,445	----	172,373	167,838	4,535	282,518	67
305	121,328	21	4,844	1	150	31,546	11,974	2,738	12,619	4,215	402,178	393,344	8,834	806,755	68
923	360,916	46	10,747	22	3,661	58,219	8,830	7,976	41,413	----	1,068,353	1,050,882	17,451	1,990,658	69
512	175,384	10	2,057	19	2,525	39,821	3,080	4,288	32,433	20	522,062	509,790	12,272	987,586	70
535	247,574	44	9,906	12	1,422	58,689	7,359	4,770	44,560	2,000	810,108	775,231	34,877	1,383,211	71

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
72	St. Joseph	447	$22,412,023	$2,687,016	$3,844,407	$2,412,987	$13,517,613	480	727	$846,763	10,178	$4,312,155
73	Scott	47	144,872	16,340	23,737	43,790	61,005	58	11	3,498	151	42,948
74	Shelby	218	1,429,703	75,012	212,848	334,416	807,427	264	75	67,159	1,254	488,621
75	Spencer	142	924,091	72,585	179,975	296,600	374,931	187	26	18,999	380	128,231
76	Starke	62	84,798	4,321	14,275	41,461	24,736	71	1	120	45	17,176
77	Steuben	125	373,820	39,122	82,450	129,398	122,850	141	18	10,414	278	106,712
78	Sullivan	128	329,688	35,910	53,968	99,299	140,511	150	13	5,558	222	81,257
79	Switzerland	67	142,700	7,765	20,885	45,907	68,143	77	3	2,280	95	33,037
80	Tippecanoe	299	3,642,715	280,630	593,178	1,219,399	1,549,513	308	346	305,784	2,030	876,871
81	Tipton	117	391,662	41,725	92,073	92,212	165,652	138	21	10,280	501	162,068
82	Union	58	398,806	10,600	42,365	64,770	281,071	67	11	10,524	180	55,441
83	Vanderburg	728	10,594,090	1,331,738	2,033,667	2,990,736	4,237,949	787	622	641,832	8,127	3,276,172
84	Vermilion	88	232,454	10,375	73,791	68,201	80,087	92	8	5,520	195	65,327
85	Vigo	473	9,202,259	757,142	1,592,895	3,150,684	3,761,538	536	366	364,907	5,780	2,413,155
86	Wabash	246	2,784,652	168,237	578,751	762,475	1,275,189	280	115	100,179	1,544	701,185
87	Warren	49	123,579	14,305	16,673	44,321	48,220	55	4	2,900	113	40,842
88	Warrick	85	285,607	42,295	54,340	75,334	113,638	113	7	1,900	174	65,559
89	Washington	114	261,776	24,280	35,595	92,793	109,108	167	15	6,100	197	69,700
90	Wayne	342	5,593,140	410,105	699,868	903,773	3,579,394	368	376	338,527	3,308	1,424,825
91	Wells	167	579,950	44,005	78,630	144,207	313,108	134	45	25,826	606	229,506
92	White	126	305,955	30,770	74,020	72,239	128,926	151	4	2,070	193	77,817
93	Whitley	125	477,544	49,230	78,950	160,450	188,914	131	24	17,478	440	186,605

TABLE 7.—MANUFACTURES BY

1	All industries	18,015	$234,481,528	$19,404,624	$38,642,214	$65,046,726	$111,387,964	20,322	11,282	$10,526,293	155,956	$66,847,317
2	Agricultural implements	45	8,324,564	596,712	1,060,832	803,077	5,863,943	20	518	489,649	3,419	1,593,881
3	Awnings, tents, and sails	11	55,399	8,600	7,900	6,882	32,017	11	11	9,059	68	21,890
4	Baking and yeast powders	13	96,615	500	1,050	6,585	88,480	7	21	17,980	44	17,205
5	Baskets, and rattan and willow ware	14	218,852	18,290	56,435	77,579	86,548	10	28	25,475	434	110,452
6	Belting and hose, leather	3	72,959	11,500	11,100	11,300	39,059	3	5	5,553	15	9,557
7	Bicycle and tricycle repairing	279	251,879	17,995	22,010	88,554	123,320	330	14	4,599	238	101,957
8	Bicycles and tricycles	19	2,061,560	110,873	302,102	782,016	866,570	5	123	96,996	1,481	613,840
9	Blacksmithing and wheelwrighting	2,368	1,690,069	336,133	472,183	317,535	564,218	2,759	16	7,301	1,308	589,423
10	Bluing	3	18,305	2,000	1,800	1,555	12,950	6	4	5,840	17	3,650
11	Bookbinding and blank book making	13	292,812	10,500	25,584	59,283	197,445	10	18	24,380	217	83,524
12	Boots and shoes, custom work and repairing	651	225,097	49,275	63,640	49,556	62,626	629	3	3,600	245	101,725
13	Boots and shoes, factory product	6	542,224	3,000	13,399	97,157	428,668	2	41	41,469	610	151,455
14	Bottling	52	321,267	27,095	54,671	66,681	172,870	50	35	24,338	182	80,536
15	Boxes, cigar	6	41,797	5,000	8,500	13,000	15,297	9	1	240	56	15,925
16	Boxes, fancy and paper	11	157,553	10,100	19,500	60,687	67,266	8	12	13,960	323	77,227
17	Boxes, wooden packing	13	308,554	16,560	53,617	75,287	163,090	14	22	23,864	419	140,973
18	Brass castings and brass finishing	10	81,735	10,350	3,150	37,535	30,700	12	4	3,720	56	30,599
19	Bread and other bakery products	391	2,191,707	201,925	401,455	999,901	588,426	425	202	138,413	1,334	527,649
20	Brick and tile	558	4,505,080	972,048	1,356,516	1,030,364	1,146,152	691	148	104,310	3,609	1,195,540
21	Bridges	13	578,211	11,175	48,469	124,906	393,661	13	61	65,663	342	156,666
22	Brooms and brushes	70	172,602	18,630	26,415	23,175	109,382	81	31	24,730	227	89,392
23	Carpentering	807	1,070,041	124,861	174,624	128,761	641,795	944	35	21,055	2,929	1,514,481
24	Carpets, rag	38	15,411	3,815	5,265	4,659	1,672	40	1	416	50	11,762
25	Carriage and wagon materials	61	2,133,892	128,373	323,860	514,420	1,167,179	57	111	102,295	2,289	797,663
26	Carriages and sleds, children's	4	144,880	15,700	22,600	11,080	95,450	3	7	3,397	77	33,981
27	Carriages and wagons	275	17,718,489	2,163,709	3,326,474	967,807	11,260,499	329	599	583,962	6,490	2,756,780
28	Cars and general shop construction and repairs by steam railroad companies.	54	4,730,231	614,788	1,671,232	944,880	1,599,331	-------	348	290,197	8,081	4,325,101
29	Cars, steam railroad, not including operations of railroad companies.	4	6,062,000	190,000	765,000	675,000	4,432,000	-------	96	111,858	3,337	1,550,764
30	Charcoal	3	954	10	425	10	509	4	-------	-------	5	1,755
31	Cheese, butter, and condensed milk, factory product	112	287,360	18,310	88,585	131,058	49,407	92	23	6,542	118	56,751
32	Chemicals	7	1,076,390	90,269	206,398	478,601	301,122	7	41	53,077	297	154,173
33	Cleansing and polishing preparations	4	62,100	18,000	22,000	3,800	18,300	7	34	21,670	35	9,141
34	Clothing, men's, custom work and repairing	662	1,266,451	145,853	164,794	72,123	883,681	743	98	73,663	2,101	901,184
35	Clothing, men's, factory product	31	1,691,177	44,739	73,500	154,505	1,418,433	32	134	153,328	2,908	634,751
36	Clothing, women's, dressmaking	288	107,200	13,880	27,570	22,351	43,399	319	13	9,936	897	217,715
37	Clothing, women's, factory product	14	521,039	1,750	8,466	40,549	470,274	11	64	63,341	1,264	266,245
38	Coffee and spice, roasting and grinding	9	315,700	18,000	35,500	63,200	199,000	16	53	42,635	104	33,595
39	Coffins, burial cases, and undertakers' goods	15	768,074	67,610	123,888	80,684	495,892	2	68	65,181	437	188,514
40	Confectionery	162	731,340	56,495	99,705	176,671	398,469	192	133	90,340	822	273,822
41	Cooperage	98	865,767	79,866	92,803	168,513	524,585	102	48	41,490	1,354	503,279
42	Cotton goods	4	1,678,141	60,900	373,097	715,980	528,164	3	18	34,264	1,421	323,949
43	Cutlery and edge tools	8	583,186	28,802	96,175	277,904	180,305	6	54	47,079	745	226,686
44	Druggists' preparations, not including prescriptions.	6	82,094	2,000	1,000	4,813	74,281	2	25	19,497	29	11,272
45	Dyeing and cleaning	61	31,065	5,750	5,375	13,200	6,740	69	5	2,387	83	31,092
46	Electrical apparatus and supplies	24	1,453,856	84,600	140,908	392,332	835,516	13	134	133,693	881	340,355

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
8,689	$3,900,526	1,274	$377,313	215	$34,316	$1,184,417	$102,738	$98,503	$969,554	$13,622	$9,196,304	$8,988,689	$207,615	$17,845,039	72
116	39,807	32	2,812	3	329	4,463	1,010	901	2,498	54	149,785	147,685	2,100	247,858	73
1,173	472,209	50	12,280	31	4,132	114,144	12,308	6,723	92,838	2,275	1,328,062	1,308,068	19,994	2,464,793	74
354	123,285	20	4,394	6	552	24,892	3,286	4,944	16,227	435	502,185	486,328	15,857	909,344	75
41	16,495	4	681	----	----	5,396	1,480	670	3,221	25	78,976	76,982	1,994	153,579	76
258	102,722	14	3,118	6	872	19,158	3,688	2,843	12,567	60	409,464	402,073	7,391	704,726	77
189	73,995	26	6,552	7	710	15,887	5,659	3,345	6,779	104	353,045	347,126	5,919	595,692	78
90	32,496	2	275	3	266	8,158	1,016	1,369	4,943	830	148,497	146,797	1,700	245,280	79
1,625	793,659	395	81,821	10	1,391	338,247	47,897	24,709	246,015	19,626	2,649,036	2,588,553	60,483	4,898,740	80
389	136,099	120	22,256	42	3,713	22,881	4,567	3,775	14,384	155	543,228	530,440	12,788	925,149	81
120	53,496	6	1,380	4	565	9,275	1,578	1,757	5,685	255	238,446	235,308	3,148	413,787	82
6,336	2,880,147	1,553	375,829	138	20,196	1,016,390	99,660	94,226	750,077	72,427	8,147,351	8,006,931	140,420	15,335,823	83
161	60,690	30	4,216	4	421	17,630	4,960	1,232	11,238	200	155,308	136,289	19,019	323,912	84
4,616	2,152,969	1,098	258,005	16	2,181	15,387,243	63,167	49,308	15,115,523	159,245	8,328,080	8,081,644	246,386	28,385,050	85
1,405	663,348	136	37,487	3	350	110,988	15,862	16,004	72,972	6,150	1,645,999	1,586,226	59,773	2,995,312	86
108	40,226	3	385	2	231	5,629	2,112	1,098	2,419	----	108,273	104,353	3,920	208,993	87
162	63,987	7	1,047	5	525	17,677	1,875	2,620	9,137	4,045	331,208	326,845	4,363	486,903	88
184	67,986	10	1,364	3	400	12,382	4,121	1,890	6,363	8	336,411	330,223	6,188	573,122	89
2,860	1,345,961	435	77,141	13	1,723	320,015	35,039	43,108	240,368	1,500	2,954,439	2,905,567	48,872	6,079,925	90
506	208,902	96	19,857	4	747	60,091	10,208	5,089	42,721	2,073	694,097	680,802	13,295	1,292,068	91
169	73,624	17	2,870	12	1,323	14,585	4,969	2,805	6,791	20	467,857	458,792	9,065	695,509	92
363	169,914	67	15,662	10	1,029	39,089	5,838	5,169	27,714	368	740,256	726,542	13,714	1,176,503	93

SPECIFIED INDUSTRIES: 1900.

133,009	$62,054,517	19,266	$4,181,375	3,681	$611,425	$33,052,160	$1,558,767	$1,302,309	$28,022,859	$2,168,225	$214,961,610	$209,949,254	$5,012,356	$378,120,140	1
3,388	1,585,611	29	7,993	2	277	596,463	2,380	63,517	528,426	2,140	2,619,621	2,528,705	90,916	6,415,081	2
30	13,713	38	8,177	----	----	4,356	2,356	636	1,364	----	80,997	80,272	725	159,007	3
21	9,264	28	7,941	----	----	6,529	2,408	580	3,541	----	96,354	95,738	616	187,657	4
267	82,235	120	21,175	47	7,042	24,830	878	983	22,969	----	122,794	120,754	2,040	321,425	5
15	9,557	----	----	----	----	1,225	875	257	593	----	61,469	61,130	339	105,511	6
224	99,726	1	529	13	1,702	44,356	31,982	2,205	10,044	125	229,780	223,347	6,433	553,491	7
1,352	570,858	126	42,150	3	882	121,260	8,200	11,138	101,922	----	1,221,786	1,190,784	31,002	2,115,901	8
1,294	587,674	----	----	14	1,749	116,023	72,448	16,794	24,957	1,824	890,909	823,070	67,839	3,242,883	9
5	1,800	12	1,850	----	----	2,265	132	346	1,787	----	32,621	32,346	275	53,980	10
111	53,835	106	29,689	----	----	18,797	3,632	1,336	13,829	----	282,695	280,256	2,439	497,431	11
240	100,607	3	758	2	360	41,407	33,421	2,926	4,560	500	228,220	216,851	6,369	658,613	12
434	114,988	170	35,867	6	600	23,106	520	1,199	21,387	----	631,856	628,736	3,120	864,090	13
179	79,936	1	200	2	400	24,114	6,871	3,115	14,128	----	446,002	441,654	4,348	725,005	14
22	8,889	32	7,236	2	300	3,390	817	383	2,190	----	64,589	63,324	1,265	107,819	15
86	32,605	220	41,470	17	3,152	10,975	4,076	1,173	5,726	----	95,462	93,051	2,411	232,776	16
363	130,714	37	7,177	19	3,082	25,902	4,200	2,320	19,382	----	337,940	334,700	3,240	597,121	17
56	30,599	----	----	----	----	17,226	2,775	281	4,170	10,000	75,299	73,478	1,821	154,880	18
1,037	481,099	269	42,268	28	4,282	227,108	65,908	15,433	145,692	75	2,338,967	2,277,128	61,839	4,165,511	19
3,510	1,180,487	1	150	98	14,953	161,722	14,622	25,026	120,230	1,844	552,447	123,814	428,633	2,931,211	20
341	156,458	----	----	1	208	32,270	464	3,193	19,613	9,000	578,146	572,390	5,756	943,068	21
184	82,171	30	4,589	13	2,682	11,628	2,247	1,879	7,502	----	250,098	248,211	1,887	496,850	22
2,913	1,511,898	3	624	13	1,959	1,042,558	16,814	8,384	38,670	978,685	3,770,975	3,765,168	5,807	7,840,628	23
21	7,064	25	4,296	4	402	2,040	1,380	173	487	----	10,283	9,825	458	41,545	24
2,205	783,819	31	5,993	53	7,851	155,375	2,836	14,838	137,701	----	1,595,741	1,563,095	32,646	3,149,588	25
70	31,481	7	2,500	----	----	2,629	120	331	2,178	----	44,695	43,675	1,020	87,594	26
6,284	2,702,795	198	52,811	8	1,174	674,971	37,332	67,244	567,025	3,370	6,986,043	6,882,201	103,842	12,742,243	27
8,076	4,323,459	5	1,642	----	----	171,355	----	33,490	131,072	6,793	5,454,676	5,356,680	97,996	10,242,422	28
3,337	1,550,764	----	----	----	----	224,009	----	12,978	211,031	----	6,287,256	6,185,162	102,094	9,006,577	29
5	1,755	----	----	----	----	38	25	8	5	----	1,375	1,375	----	5,320	30
105	54,516	5	1,266	8	969	15,724	1,085	1,668	12,667	304	711,059	697,218	13,841	929,858	31
294	153,408	2	660	1	105	74,406	30	5,188	69,193	----	487,066	444,647	42,419	1,037,832	32
7	3,276	28	5,865	----	----	25,924	120	424	25,380	----	40,693	40,363	330	181,950	33
1,337	709,125	759	191,521	5	538	253,525	117,672	11,021	92,499	32,333	1,292,073	1,274,656	17,417	3,324,403	34
264	104,280	2,638	529,896	6	625	101,495	17,077	8,183	56,235	20,000	2,005,942	1,987,005	18,937	3,367,831	35
15	13,281	878	203,883	4	551	39,845	26,825	846	6,474	5,700	154,972	150,379	4,593	638,979	36
55	41,013	1,209	225,232	----	----	30,471	8,988	1,336	20,147	----	650,040	646,281	3,759	1,256,716	37
45	19,015	58	14,460	1	120	19,199	3,935	2,102	13,162	----	988,162	984,219	3,943	1,158,811	38
374	173,354	63	15,160	----	----	52,004	200	7,330	44,474	----	373,480	365,919	7,561	799,393	39
432	199,362	377	72,495	13	1,965	123,801	50,451	6,287	66,463	600	1,142,986	1,127,100	15,886	2,112,780	40
1,350	502,279	----	----	4	1,000	41,212	3,595	6,139	31,478	----	1,111,004	1,102,407	8,597	2,060,456	41
376	123,259	997	195,150	48	5,540	71,648	----	12,455	59,193	----	700,557	676,469	24,088	1,335,007	42
739	224,936	6	1,750	----	----	54,617	48	3,215	51,314	40	243,052	224,812	18,240	812,883	43
18	7,688	11	3,584	----	----	23,548	1,893	286	21,369	----	39,604	38,987	617	108,261	44
50	22,414	30	8,168	3	510	13,174	9,479	347	3,060	288	15,333	13,234	2,099	113,929	45
715	304,922	166	35,433	----	----	89,172	3,670	2,672	70,930	11,900	784,393	760,904	23,489	1,586,229	46

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
47	Electrical construction and repairs	19	$42,423	----------	$500	$4,664	$37,259	18	12	$8,926	69	$31,570
48	Electroplating	9	12,365	$700	1,900	7,415	2,350	11	1	200	19	8,946
49	Engraving and diesinking	3	6,600	600	900	2,600	2,500	3	1	520	8	2,933
50	Explosives	6	376,146	27,250	181,825	78,114	588,957	----------	37	55,400	245	118,979
51	Fancy articles, not elsewhere specified	8	50,224	801	6,002	6,132	37,289	10	5	2,799	133	35,651
52	Fertilizers	14	215,875	8,675	26,350	30,500	150,350	19	18	11,640	45	18,640
53	Flavoring extracts	3	7,275	900	1,500	325	4,550	2	5	3,440	5	1,200
54	Flouring and grist mill products	897	10,734,544	923,427	2,223,946	4,084,603	3,552,568	1,207	286	276,708	2,124	1,010,877
55	Food preparations	12	342,750	51,500	63,428	46,749	181,073	14	27	16,124	141	55,009
56	Foundry and machine shop products	337	14,820,001	994,715	2,346,049	3,583,936	7,895,301	331	795	797,094	10,339	4,616,775
57	Fruits and vegetables, canning and preserving.	60	1,205,494	104,151	284,009	225,005	592,329	46	155	112,174	2,002	386,457
58	Fur goods	7	7,450	----------	----------	1,610	5,840	6	2	1,480	49	23,990
59	Furnishing goods, men's	3	1,875	----------	----------	225	1,650	3	1	50	7	2,781
60	Furniture, cabinetmaking, repairing, and upholstering.	159	222,734	38,465	41,881	44,858	97,530	187	14	7,837	256	120,570
61	Furniture, factory product	129	7,666,064	535,714	1,405,800	1,301,607	4,422,943	82	496	430,697	7,149	2,539,888
62	Gas, illuminating and heating	89	7,745,659	533,090	586,047	6,335,896	290,626	----------	146	89,324	340	172,431
63	Gas machines and meters	5	26,550	300	1,700	6,050	18,500	4	9	5,100	25	10,235
64	Glass	110	12,775,389	626,095	4,132,329	2,936,890	5,080,075	24	509	649,227	13,015	7,226,047
65	Gloves and mittens	5	179,494	12,000	28,500	15,953	123,041	6	27	13,300	288	62,327
66	Glue	3	204,653	23,000	24,780	43,308	113,565	2	6	9,660	75	36,128
67	Grease and tallow	7	73,568	16,050	13,500	6,313	37,705	7	1	400	37	16,491
68	Hairwork	4	4,220	----------	----------	420	3,800	4	----------	----------	10	2,496
69	Hand stamps	4	4,950	----------	----------	3,400	1,550	3	5	2,210	11	5,398
70	Hardware	7	427,301	34,500	44,500	119,488	228,813	3	29	37,934	428	164,063
71	Hardware, saddlery	3	63,565	8,000	11,260	12,185	32,120	3	6	3,385	99	30,291
72	Hones and whetstones	6	11,770	8,100	590	1,080	2,000	7	----------	----------	18	4,000
73	Hosiery and knit goods	7	2,728,306	76,200	188,602	375,771	2,087,733	----------	103	201,085	2,016	703,129
74	House furnishing goods, not elsewhere specified.	4	48,706	500	2,850	13,001	27,355	2	6	4,780	27	7,499
75	Ice, artificial	47	1,530,603	138,850	257,000	1,040,078	94,675	35	61	43,856	343	161,902
76	Iron and steel	27	14,994,210	1,078,500	1,558,912	6,991,201	5,365,597	----------	205	266,764	7,579	4,243,831
77	Iron and steel, forgings	4	219,223	5,750	23,773	68,587	121,113	1	12	8,058	185	87,960
78	Ironwork, architectural and ornamental.	15	786,983	54,704	95,600	160,161	476,518	19	47	51,511	529	251,896
79	Leather goods	4	13,305	4,000	5,000	1,428	2,877	5	2	210	12	3,241
80	Leather, tanned, curried, and finished	23	1,321,455	54,013	152,950	98,122	1,016,370	27	27	26,872	400	161,942
81	Lime and cement	35	652,913	144,120	228,039	196,112	84,642	24	37	26,560	523	182,051
82	Liquors, distilled	24	1,825,900	74,630	365,615	444,605	441,050	26	38	62,922	236	112,049
83	Liquors, malt	42	6,347,997	666,976	1,767,970	1,414,525	2,498,526	26	205	317,721	1,045	601,638
84	Liquors, vinous	3	26,720	520	7,400	3,800	15,000	5	----------	----------	13	4,612
85	Lock and gun smithing	57	38,800	6,080	6,950	15,165	10,605	61	1	900	28	11,048
86	Looking-glass and picture frames	33	53,530	6,100	7,100	4,115	36,215	37	7	4,156	70	29,818
87	Lumber and timber products	1,849	10,947,574	1,864,061	772,621	2,873,918	5,436,974	2,471	408	316,672	9,503	3,608,932
88	Lumber, planing mill products, including sash, doors, and blinds.	205	3,394,054	408,020	460,978	639,339	1,890,722	257	189	160,210	2,115	879,544
89	Marble and stone work	72	1,241,001	240,795	102,417	549,414	348,375	70	70	76,274	1,149	514,231
90	Masonry, brick and stone	243	545,602	53,325	55,490	131,681	305,106	307	40	31,464	2,105	1,081,516
91	Mattresses and spring beds	24	297,391	26,200	68,850	65,925	146,416	23	43	25,989	301	108,612
92	Millinery and lace goods	3	29,036	----------	----------	12,136	16,900	----------	8	7,940	86	29,198
93	Millinery, custom work	854	982,392	107,520	143,830	42,224	688,818	1,012	133	40,708	1,412	324,905
94	Mineral and soda waters	65	257,734	35,660	56,050	97,000	69,024	75	10	6,960	148	60,326
95	Mirrors	6	153,287	9,450	16,651	17,153	110,033	8	5	4,000	224	96,949
96	Models and patterns	9	38,280	1,300	3,363	21,293	12,324	11	2	1,564	50	32,096
97	Monuments and tombstones	182	532,646	84,485	59,900	35,939	352,322	232	58	29,169	396	202,193
98	Mucilage and paste	4	11,025	650	1,600	825	7,950	5	2	1,340	5	2,060
99	Musical instruments and materials, not specified.	6	174,843	25,150	10,200	26,652	112,841	8	19	8,584	227	116,396
100	Musical instruments, organs and materials.	4	331,073	4,498	61,194	23,446	241,935	4	20	22,181	192	100,391
101	Oil, essential	7	18,425	14,235	1,020	1,950	1,220	7	----------	----------	13	2,903
102	Oleomargarine	3	137,393	17,700	15,700	24,500	79,493	----------	27	27,790	70	38,963
103	Painting, house, sign, etc	424	250,966	30,975	36,935	36,011	147,045	515	20	13,181	867	436,827
104	Paints	5	132,431	----------	7,463	50,751	74,217	1	13	11,166	33	13,641
105	Paper and wood pulp	39	5,379,227	371,615	1,141,389	2,439,153	1,427,070	12	184	186,394	1,816	723,972
106	Paper goods, not elsewhere specified	5	172,871	7,800	16,200	44,500	104,371	----------	14	15,176	248	73,760
107	Paper hanging	67	119,195	25,235	18,090	3,995	71,875	81	19	6,096	139	74,645
108	Patent medicines and compounds	88	877,436	66,917	117,608	81,920	610,991	84	309	240,840	582	211,297
109	Paving and paving materials	108	920,827	151,463	79,416	234,899	455,049	129	66	47,941	1,904	663,767
110	Perfumery and cosmetics	6	6,175	40	160	1,375	4,600	9	3	780	9	2,926
111	Photography	326	366,625	48,152	62,774	150,147	105,552	358	27	16,875	264	104,994
112	Photolithographing and photoengraving.	3	8,425	----------	----------	5,125	3,300	4	4	3,468	29	15,540
113	Pickles, preserves, and sauces	12	324,728	45,500	42,510	59,050	177,668	9	36	31,218	151	59,284
114	Pipes, tobacco	4	12,779	100	400	6,879	5,400	3	8	7,207	24	6,324
115	Plastering and stuccowork	149	88,832	11,700	16,125	13,581	47,426	185	2	704	406	206,568
116	Plumbers' supplies	3	188,300	23,000	22,300	36,500	106,500	1	11	16,170	158	85,880

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
67	$31,346			2	$224	$5,392	$3,970	$195	$1,127	$100	$93,511	$92,964	$547	$172,708	47
17	8,218	2	$728			1,993	844	135	1,014		9,756	9,122	634	27,638	48
8	2,938					286	120	51	115		1,915	1,805	110	9,770	49
217	114,299	28	4,680			43,546	25	3,081	38,440	2,000	610,209	592,000	18,209	976,247	50
65	25,741	68	9,910			5,780	1,098	435	2,747	1,500	54,430	53,702	728	151,117	51
45	18,640					9,602	1,100	1,389	7,113		159,089	156,149	2,940	255,331	52
3	900	2	300			885	450	100	335		14,410	14,333	77	21,451	53
2,102	1,005,415	16	4,720	6	742	570,330	22,015	91,209	457,606		25,664,120	25,352,806	311,314	30,150,766	54
104	48,805	36	11,074	1	130	34,316	3,388	1,101	29,827		621,678	618,154	6,524	826,807	55
10,246	4,596,855	50	13,329	43	6,591	1,095,758	59,895	79,467	885,337	71,059	8,326,852	8,045,765	280,587	17,228,096	56
824	219,239	1,068	156,473	110	10,745	165,755	2,885	6,619	154,493	1,808	1,526,088	1,505,281	20,807	2,589,908	57
11	9,590	38	14,400			3,024	1,756	52	1,216		34,954	34,766	188	79,419	58
2	1,456	5	1,275			189	182		7		1,405	1,391	14	6,956	59
234	116,650	12	2,326	10	1,594	21,817	15,068	2,195	4,174	380	191,916	187,220	4,696	489,391	60
6,658	2,467,421	337	51,130	154	21,837	535,938	22,235	44,362	433,303	36,038	4,032,043	3,948,993	83,050	8,769,509	61
340	172,431					184,095	700	47,050	136,345		255,864	229,881	25,983	1,034,442	62
28	9,535			2	400	2,805	675	310	1,045	275	18,515	18,290	225	46,005	63
10,910	6,808,042	684	129,808	1,471	288,197	690,165	780	59,550	625,835	4,000	4,582,141	4,226,841	355,300	14,757,883	64
46	20,847	219	38,072	23	3,408	13,789	120	883	12,786		205,090	203,653	1,437	327,246	65
75	36,128					9,629	340	525	8,764		148,735	136,779	11,956	222,839	66
37	16,491					3,431	300	341	2,790		55,937	54,427	1,510	96,281	67
		10	2,496			1,534	980	5	549		5,942	5,900	42	13,900	68
9	4,982			2	416	3,937	2,226	66	645	1,000	7,264	7,075	189	28,000	69
398	155,338	12	3,100	18	5,625	19,542	1,440	1,924	16,178		207,062	199,934	7,128	586,624	70
99	30,291					3,582	10	448	3,124		39,817	38,953	864	127,500	71
13	4,000					626	120	96	410		3,197	2,972	225	11,500	72
1,032	518,724	874	175,925	110	8,480	108,442		8,378	100,069		1,200,483	1,182,248	18,235	2,424,804	73
18	4,755	3	1,316	6	1,428	1,769	600	96	1,073		32,296	32,164	132	58,868	74
343	161,902					67,954	2,025	12,609	53,320		121,390	55,710	65,680	544,005	75
7,427	4,204,888	72	15,927	80	23,016	376,844		29,498	347,202	144	12,438,754	11,851,284	587,470	19,338,481	76
185	87,960					9,015	1,800	852	6,363		137,155	131,900	5,255	301,220	77
529	251,896					99,066	2,126	3,518	34,922	58,500	532,968	523,591	9,377	1,059,249	78
4	1,641	8	1,600			621	240	136	245		3,056	3,011	45	8,515	79
400	161,942					61,747	2,166	5,460	54,121		1,187,397	1,177,248	10,149	1,589,802	80
522	181,901			1	150	22,900	2,762	4,789	12,349	3,000	242,956	143,815	99,141	542,979	81
236	112,049					14,340,455		9,427	14,317,353	13,675	1,929,865	1,827,358	102,507	16,961,058	82
1,020	596,567	15	3,320	10	1,751	2,534,285	715	52,042	2,481,528		1,127,079	994,015	133,064	5,777,047	83
13	4,612					1,652		90	1,562		6,070	6,040	30	18,400	84
22	9,809	4	1,047	2	192	6,868	5,695	481	692		22,722	21,610	1,112	84,964	85
66	28,848	4	970			7,785	5,292	538	1,955		67,752	67,212	540	145,744	86
9,408	3,591,972	17	3,886	83	13,074	469,306	35,106	83,454	350,746		11,316,001	11,308,213	7,788	20,613,724	87
2,097	875,515	15	3,439	3	590	259,818	21,901	31,880	112,637	93,900	2,957,266	2,921,056	36,210	5,088,669	88
1,135	511,821			14	2,410	85,695	7,156	9,236	69,298	5	408,900	370,390	38,510	1,442,225	89
2,096	1,079,795			9	1,721	203,102	5,240	4,285	21,440	172,137	1,717,407	1,708,885	8,522	3,569,463	90
188	86,214	104	21,011	9	1,887	20,940	3,941	1,542	15,457		289,963	286,526	3,437	520,181	91
13	8,572	73	20,626			3,533	2,220	115	1,198		43,786	42,794	992	104,010	92
5	2,367	1,396	320,959	11	1,579	185,878	136,897	10,509	38,256	216	1,573,871	1,560,899	12,972	2,860,351	93
187	58,377	3	830	8	1,119	24,194	4,077	2,308	17,809		93,454	89,897	3,557	305,361	94
219	96,849			5	600	18,143	1,040	623	16,480		438,373	436,477	1,896	609,206	95
49	31,911	1	185			2,515	759	423	1,333		15,268	14,266	1,002	78,043	96
391	201,337	1	250	4	606	31,468	10,757	5,043	14,588	1,080	644,550	641,463	3,087	1,218,418	97
4	1,720	1	340			993	240	36	717		8,936	8,746	190	26,155	98
213	111,300	14	5,096			39,649	1,299	1,807	36,543		39,104	37,889	1,215	205,700	99
185	99,161			7	1,230	35,299		1,467	33,832		131,425	126,886	4,539	314,719	100
13	2,903					366		152	214		2,876	2,571	305	14,180	101
62	36,378	8	2,590			228,726	750	2,640	225,336		702,749	698,149	4,600	1,107,284	102
860	435,754	3	502	4	571	33,417	20,354	2,383	10,079	601	412,986	410,747	2,239	1,330,971	103
27	12,835	6	806			17,330	4,381	450	10,999	1,500	111,015	110,247	768	165,335	104
1,720	698,245	93	25,227	3	500	226,156	5,573	25,792	192,791	2,000	2,470,623	2,261,795	208,828	4,170,497	105
82	37,781	148	32,734	18	3,245	50,474	1,650	1,406	47,418		205,802	203,813	1,989	385,523	106
139	74,645					13,894	8,792	1,643	3,459		128,198	127,556	642	300,421	107
223	123,612	342	85,585	17	2,100	903,082	9,122	7,500	886,460		678,638	672,369	6,269	2,358,701	108
1,902	663,295			2	472	89,833	9,001	4,222	43,958	32,652	966,100	949,068	17,032	2,292,678	109
3	1,716	6	1,210			1,935	526	23	1,386		9,187	9,115	72	20,200	110
174	84,867	87	20,327	3	300	66,472	45,433	3,932	16,635	472	230,845	223,698	7,147	751,639	111
29	15,540					3,588	909	22	2,657		4,950	4,057	893	38,270	112
76	33,216	75	17,068			39,649	1,398	1,364	36,887		398,543	393,521	5,022	562,364	113
17	5,325	3	599	4	400	1,015	548	42	425		8,267	8,026	241	21,207	114
398	205,018	6	950	2	600	12,334	2,820	910	3,410	5,194	246,335	246,074	261	619,736	115
158	85,880					30,040		747	29,293		182,187	172,932	9,255	325,050	116

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
117	Plumbing, and gas and steam fitting	326	$980,537	$91,286	$98,010	$113,854	$677,387	435	97	$53,865	1,161	$582,167
118	Pottery, terra cotta, and fire-clay products.	49	1,525,658	182,163	442,676	301,136	599,683	40	60	59,673	1,250	531,242
119	Printing and publishing, book and job	155	1,444,571	70,850	90,215	666,963	616,543	167	249	175,414	1,303	558,676
120	Printing and publishing, newspapers and periodicals.	638	4,792,139	207,450	558,068	2,670,216	1,356,405	680	665	615,036	4,084	1,784,059
121	Pumps, not including steam pumps	13	211,065	13,846	13,653	20,877	162,689	11	21	17,052	90	40,136
122	Roofing and roofing materials	70	226,920	22,252	34,542	41,267	128,859	79	29	25,305	232	97,688
123	Saddlery and harness	584	1,641,032	138,921	241,790	148,847	1,111,474	655	98	80,260	1,099	470,424
124	Sausage	4	17,350	6,150	6,650	3,750	800	6			9	5,200
125	Saws	4	1,181,124	97,750	94,558	121,803	867,013	2	64	77,152	647	346,743
126	Scales and balances	3	136,103	2,000	6,800	7,800	114,003	1	14	8,650	42	21,160
127	Sewing machine cases	3	1,032,027	46,000	117,500	157,902	710,625	3	19	32,009	1,707	619,050
128	Sewing machine repairing	8	2,360			450	1,910	8				
129	Ship and boat building, wooden	14	350,907	27,501	19,855	25,351	278,200	16	9	8,020	343	166,879
130	Shirts	18	332,449	3,000	40,000	33,999	255,450	14	20	17,468	834	274,753
131	Slaughtering and meat packing, wholesale.	25	8,658,034	437,536	1,718,347	1,402,127	5,100,024	27	298	311,103	3,550	1,537,024
132	Slaughtering, wholesale, not including meat packing.	11	202,250	39,350	49,200	49,250	64,450	13	5	3,500	47	28,728
133	Soap and candles	13	359,590	10,350	101,000	80,430	167,810	16	22	24,355	121	48,704
134	Starch	4	2,872,833	806,500	493,925	1,294,034	278,374	2	7	7,871	210	89,200
135	Stationery goods, not elsewhere specified.	5	12,900			3,900	9,000	5	3	240	19	3,899
136	Steam fittings and heating apparatus	7	315,841	21,400	45,300	65,031	184,110	3	22	20,840	284	131,582
137	Stereotyping and electrotyping	3	39,000			20,500	18,500	3	4	4,175	41	22,000
138	Sugar and molasses, refining	19	10,974	810	2,345	7,020	799	20	1	125	18	4,164
139	Surgical appliances	4	57,375			1,575	55,800	5	15	10,520	28	9,645
140	Tinsmithing, coppersmithing, and sheet-iron working.	512	1,406,532	136,007	259,765	240,291	770,469	609	199	150,735	1,326	571,015
141	Tobacco, chewing, smoking, and snuff	11	17,190	1,365	4,150	2,145	9,530	13	4	1,500	28	8,490
142	Tobacco, cigars and cigarettes	474	808,889	76,051	100,555	35,966	596,317	518	69	53,942	1,910	694,786
143	Tools, not elsewhere specified	15	486,747	24,950	79,425	167,718	214,654	14	28	23,840	499	205,815
144	Toys and games	3	192,725	20,250	43,800	40,575	88,100	2	5	3,500	298	88,347
145	Trunks and valises	9	18,750	650	1,000	1,100	16,000	11	3	1,424	27	11,406
146	Upholstering materials	7	35,668	950	6,550	15,000	13,168	10	5	2,740	40	14,530
147	Varnish	3	208,069	11,556	57,056	23,322	116,105		25	32,480	18	9,632
148	Vinegar and cider	59	73,308	10,602	12,078	26,155	24,473	67	4	4,872	37	10,653
149	Washing machines and clothes wringers.	17	172,584	8,350	23,200	45,138	95,896	19	22	17,160	174	55,652
150	Watch, clock, and jewelry repairing	445	310,132	27,615	41,825	96,282	144,410	437	6	1,790	259	138,445
151	Windmills	3	832,467	30,775	93,028	74,886	633,778	1	28	26,343	303	125,079
152	Wirework, including wire rope and cable.	27	638,532	35,680	56,725	188,874	357,253	25	68	47,172	320	121,578
153	Wood, turned and carved	58	920,991	55,270	118,274	221,612	525,835	62	67	53,638	1,076	397,449
154	Woolen goods	20	1,849,263	57,375	288,799	525,997	977,092	12	58	68,148	1,048	305,822
155	Zinc, smelting and refining	3	144,835	7,250	108,454	21,690	7,441	1	8	7,650	119	58,138
156	All other industries[1]	105	18,609,605	433,450	1,857,238	7,903,656	8,415,267	71	457	465,199	5,393	2,653,496

[1] Embraces artificial limbs, 2; axle grease, 1; bags, other than paper, 1; bags, paper, 1; bells, 1; billiard tables and materials, 2; boot and shoe cut stock, 2; boot and shoe findings, 1; boot and shoe uppers, 1; calcium lights, 1; carpets and rugs, other than rag, 1; carpets, wood, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; china decorating, 1; clocks, 1; clothing, horse, 1; coke, 1; corsets, 2; cotton small wares, 1; cotton waste, 1; dentists' materials, 2; dyeing and finishing textiles, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; felt goods, 1; files, 2; foundry supplies, 1; fur hats, 1; glass, cutting, staining, and ornamenting, 2; hats and caps, not including fur hats and wool hats, 2; ink, writing, 1; instruments, professional and scientific, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, nails and spikes, cut and wrought, including

TABLE 8.—MANUFACTURES IN CITIES

ANDERSON.

1	All industries	311	$5,709,965	$368,396	$872,146	$1,747,742	$2,721,681	337	269	$260,394	4,583	$2,363,994
2	Bicycle and tricycle repairing	9	25,075	700	2,000	4,125	18,250	13	1	520	13	7,419
3	Blacksmithing and wheelwrighting	17	8,750	1,700	1,900	2,025	3,125	22			13	7,324
4	Boots and shoes, custom work and repairing.	13	9,560	5,000	300	2,360	1,900	13			3	1,275
5	Bread and other bakery products	5	27,600	6,700	6,900	8,500	5,500	5	8	2,850	24	12,200
6	Carpentering	38	109,760	1,800	1,200	6,870	99,890	45			131	86,715
7	Carriages and wagons	4	101,150	18,000	29,500	7,400	46,250	4	7	4,400	60	42,900
8	Clothing, men's, custom work and repairing.	14	49,350	7,000	11,600	2,350	28,400	16	5	3,125	57	34,825
9	Clothing, women's, dressmaking	17	4,872	400	800	1,485	2,187	19			41	8,910
10	Confectionery	6	27,700	3,000	5,000	11,300	8,400	8	1	400	26	12,450
11	Flouring and grist mill products	5	73,700	7,850	12,050	27,000	26,800	7	1	900	10	4,784
12	Foundry and machine shop products	7	325,300	20,500	43,800	90,000	171,000	6	24	19,000	268	184,750
13	Furniture, cabinetmaking, repairing, and upholstering.	3	3,500	300	200	500	2,500	4			4	2,450
14	Glass	5	393,300	22,000	138,000	41,500	191,800		36	49,370	583	421,149
15	Iron and steel	3	1,485,912	92,000	160,000	511,391	722,521		23	38,144	724	475,001
16	Looking-glass and picture frames	3	1,490			140	1,350	3			4	1,500

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,134	$577,306	7	$1,610	20	$3,251	$100,604	$51,681	$7,756	$34,427	$6,740	$1,609,651	$1,599,369	$10,282	$3,047,723	117
1,625	487,419	199	38,553	26	5,270	79,553	3,183	8,394	67,550	426	812,195	207,265	104,930	1,291,318	118
977	490,865	284	62,585	42	5,226	521,519	50,949	9,499	120,122	340,949	688,499	668,648	19,851	2,334,572	119
2,798	1,490,847	988	256,180	303	37,032	577,187	97,512	27,720	293,968	157,987	1,442,214	1,384,363	57,851	6,098,191	120
87	39,826			3	310	16,045	3,209	4,708	5,418	2,710	105,211	103,618	1,593	235,918	121
230	97,429			2	254	20,092	5,294	1,774	12,930	94	322,231	315,828	6,403	575,260	122
1,051	459,735	34	8,021	14	2,668	113,326	53,948	14,483	41,710	3,185	1,467,864	1,452,779	15,085	2,720,284	123
9	5,300					682	120	182	330		22,386	22,009	377	31,680	124
647	346,743					145,736	960	5,833	138,943		707,325	696,399	10,926	1,590,305	125
42	21,160					15,481	100	270	9,723	5,388	82,403	81,227	1,176	129,953	126
1,540	592,659	12	3,458	155	22,933	57,298	27,550	7,929	21,819		1,004,760	985,245	19,515	1,725,369	127
						1,119	647	10	282	180	1,651	1,575	76	4,882	128
343	160,379					41,261	85	1,132	40,044		195,243	193,972	1,271	465,207	129
86	37,757	748	236,996			27,708	4,512	1,546	6,650	15,000	482,550	479,167	3,383	920,320	130
3,111	1,426,800	387	101,499	52	8,725	522,069	3,190	47,256	471,623		37,760,871	37,680,733	80,138	42,891,243	131
46	28,628			1	100	8,887	446	1,146	7,295		847,970	842,960	5,010	971,030	132
82	33,450	35	9,654	4	600	42,873	2,052	2,186	38,635		336,643	332,693	3,950	526,168	133
174	82,735	36	6,465			22,676	132	3,004	19,540		549,880	527,912	21,918	989,639	134
1	775	18	3,124			1,468	538	110	820		9,088	8,988	100	20,750	135
282	180,982			2	600	15,984	1,700	1,063	13,221		194,239	179,609	14,630	458,495	136
41	22,000					19,088	2,440	198	16,450		8,532	6,962	1,570	68,000	137
17	3,942	1	222			349	5	104	240		11,726	10,645	1,081	19,761	138
26	9,133	2	512			3,283	848	85	2,350		13,109	12,987	122	78,100	139
1,196	553,198	41	8,009	89	9,808	140,795	40,885	13,038	51,985	34,937	1,610,070	1,589,859	20,211	3,183,634	140
20	7,150	6	1,140	2	200	23,054	534	194	22,326		16,078	15,885	193	58,230	141
1,116	540,010	699	142,001	95	12,775	395,975	44,902	6,640	344,408	25	918,360	911,289	7,071	2,537,077	142
474	202,214	4	1,110	21	2,491	20,579	956	2,411	11,212	6,000	299,779	286,542	13,237	684,003	143
265	80,487	2	345	31	7,515	7,913	360	2,078	5,475		162,364	161,169	1,195	279,914	144
27	11,406					6,820	5,800	259	761		16,428	16,086	342	50,042	145
40	14,530					3,482	644	852	1,586	900	30,689	28,480	2,209	60,084	146
18	9,632					9,954		1,407	8,547		143,514	142,539	975	237,502	147
34	10,327	1	139	2	187	2,497	1,198	470	829		88,195	85,926	2,269	105,745	148
178	55,352	1	300			21,744	4,558	1,316	15,870		116,193	113,130	3,063	251,565	149
249	136,726	4	950	6	769	69,294	52,623	3,551	12,480	640	155,124	149,278	5,846	645,774	150
303	125,079					114,090		2,629	111,461		256,535	249,606	6,929	770,813	151
309	118,522	9	2,756	2	300	46,306	3,553	4,308	38,445		546,501	541,220	5,281	1,099,723	152
1,053	393,873	17	2,658	6	918	64,244	3,387	8,820	51,737	300	602,794	593,972	8,822	1,428,106	153
432	169,875	571	129,266	45	7,681	97,855	1,660	12,093	84,102		876,659	846,385	30,274	1,491,218	154
119	58,138					5,588		394	5,194		387,399	379,341	8,058	445,643	155
4,803	2,519,426	527	124,068	63	10,002	684,052	14,386	59,347	606,312	4,007	22,172,287	21,487,592	684,645	28,860,007	156

wire nails, 2; iron and steel, pipe, wrought, 1; jewelry, 1; jute and jute goods, 1; lamps and reflectors, 2; lard, refined, 1; lithographing and engraving, 2; malt, 2; mantels, slate, marble, and marbleized, 1; musical instruments, pianos and materials, 1; oil, lard, 1; oil, linseed, 2; oil, not elsewhere specified, 1; optical goods, 2; pens, fountain and stylographic, 1; petroleum, refining, 1; photographic apparatus, 1; plated and britannia ware, 2; printing materials, 2; refrigerators, 2; regalia and society banners and emblems, 1; registers, cash, 1; rubber and elastic goods, 2; safes and vaults, 1; shipbuilding, iron and steel, 1; shoddy, 1; show cases, 2; soda water apparatus, 1; springs, steel, car and carriage, 2; stamped ware, 2; taxidermy, 2; tin and terne plate, 5; tobacco, stemming and rehandling, 1; typewriter repairing, 2; wheelbarrows, 1; window shades, 2; wood, preserving, 1; woodenware, not elsewhere specified, 2; wool pulling, 1.

BY SPECIFIED INDUSTRIES: 1900.

ANDERSON.

3,886	$2,214,554	367	$79,635	330	$69,805	$418,526	$30,840	$43,598	$332,518	$11,570	$6,204,219	$6,033,722	$170,497	$10,941,854	1
11	6,640	1	529	1	250	2,456	1,410	121	925		27,073	26,884	189	50,000	2
13	7,324					2,001	1,482	113	406		9,434	8,880	554	36,375	3
8	1,275					1,351	1,011	147	193		5,901	5,700	201	18,930	4
22	11,800	1	250	1	150	1,818	360	398	1,060		37,084	36,569	515	69,594	5
125	85,715			6	1,000	7,765	408	607	4,430	2,320	235,400	235,230	170	401,120	6
58	42,500	2	400			1,700		700	1,000		51,730	50,930	800	121,910	7
46	31,550	11	3,275			4,857	2,922	515	1,420		36,592	36,112	480	99,050	8
		41	8,910			1,558	1,271	83	204		5,023	4,840	183	29,760	9
21	11,100	2	800	3	550	2,397	1,235	257	905		31,472	30,995	477	69,800	10
10	4,784					2,539		588	1,951		126,616	124,839	1,777	161,534	11
263	183,600			5	1,150	16,350	1,300	2,600	12,450		200,390	192,930	7,460	524,000	12
4	2,450					700	405	45	250		4,015	3,955	60	10,000	13
883	375,649			200	45,500	16,588		3,240	13,348		184,459	167,607	16,852	738,169	14
716	472,833			8	2,168	87,011		6,820	80,191		1,561,996	1,481,069	80,927	2,657,456	15
3	1,350	1	150			680	480	50	150		1,925	1,895	30	5,750	16

TABLE 8.—MANUFACTURES IN CITIES

ANDERSON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Lumber and timber products	3	$25,800	$6,000	$1,000	$5,800	$13,000	4	1	$500	22	$8,400
18	Lumber, planing mill products, including sash, doors, and blinds.	4	112,500	8,800	12,700	20,000	71,000	6	2	1,680	45	23,000
19	Masonry, brick and stone	19	55,635	400	400	12,210	42,625	23	1	600	286	154,230
20	Millinery, custom work	10	11,935			1,485	10,450	14	7	1,450	35	8,320
21	Painting, house, sign, etc	11	3,250			995	2,255	12			32	13,475
22	Photography	5	12,850	7,000	1,200	3,800	850	5			3	1,800
23	Plastering and stuccowork	10	8,040	300	250	545	6,945	14			40	20,100
24	Plumbing, and gas and steam fitting	7	33,375			2,375	31,000	11	2	1,150	29	13,725
25	Printing and publishing, book and job	5	8,800	100	400	6,400	1,900	7	8	1,600	7	3,100
26	Printing and publishing, newspapers and periodicals.	3	68,500	6,000	4,000	46,000	12,500	1	18	11,978	28	16,950
27	Roofing and roofing materials	5	29,388	1,150	2,070	3,450	23,218	5	3	3,580	20	8,900
28	Saddlery and harness	3	7,100			900	6,200	3			7	3,400
29	Tinsmithing, coppersmithing, and sheet-iron working.	5	7,700	300	200	2,600	4,600	7			14	8,650
30	Tobacco, cigars and cigarettes	7	5,040			1,440	3,600	9	1	500	18	8,895
31	Tools, not elsewhere specified	3	139,000	3,000	15,000	76,000	45,000	2	7	5,870	180	74,746
32	Watch, clock, and jewelry repairing	3	5,225			2,950	2,275	10			6	2,900
33	All other industries[1]	54	2,528,308	148,396	421,676	843,846	1,114,390	39	113	112,777	1,850	689,951

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bicycles and tricycles, 2; bookbinding and blank book making, 1; bottling, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 2; brooms and brushes, 1; carriage and wagon materials, 2; cheese, butter, and condensed milk, factory product, 2; chemicals, 1; cooperage, 1; cutlery and edge tools, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 1; files, 1; furniture, factory product, 1; gas machines and meters, 1; ice, artificial, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; liquors, malt, 1; lock and gun smithing, 1; marble and stone work, 1; mineral

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1	All industries	705	$10,059,375	$1,271,993	$1,913,592	$2,841,612	$4,032,178	766	601	$621,332	7,279	$2,833,975
2	Agricultural implements	4	478,700	57,600	120,100	56,800	244,200	2	27	29,100	164	72,891
3	Bicycle and tricycle repairing	18	11,275	800	750	3,775	5,950	19	2	480	21	6,000
4	Blacksmithing and wheelwrighting	45	39,660	15,200	7,975	6,860	9,625	49			48	23,838
5	Boots and shoes, custom work and repairing.	35	23,365	5,150	5,025	5,370	7,820	35	3	3,600	26	12,236
6	Bread and other bakery products	28	169,851	15,900	41,600	67,643	44,708	22	24	15,114	81	28,096
7	Brick and tile	17	202,905	113,000	45,900	17,610	26,485	21	7	3,450	105	42,533
8	Brooms and brushes	5	93,020	2,400	7,900	12,185	70,535	4	18	20,640	70	32,702
9	Carpentering	50	54,600	14,541	16,489	6,480	17,090	54			147	77,168
10	Carpets, rag	3	3,365	650	1,050	1,580	85	3			2	750
11	Carriages and wagons	7	129,608	16,350	21,470	12,258	79,530	9	4	2,960	69	29,322
12	Cars and general shop construction and repairs by steam railroad companies.	3	105,342	13,500	19,400	20,269	52,173		11	8,304	216	132,384
13	Clothing, men's, custom work and repairing.	27	50,682	5,600	5,800	3,297	35,985	33	1	450	64	33,655
14	Clothing, men's, factory product	4	220,657	1,000	6,000	18,300	195,357	5	34	38,441	365	116,500
15	Clothing, women's, dressmaking	29	9,370	1,900	2,800	2,485	2,185	32			142	27,417
16	Coffee and spice, roasting and grinding	3	27,200	2,000	4,500	4,700	16,000	6	6	4,975	12	5,855
17	Confectionery	14	47,805	6,700	10,750	9,950	20,405	18	9	3,450	44	19,356
18	Cooperage	11	32,342	6,050	5,950	11,392	8,950	15	3	2,624	108	40,080
19	Dyeing and cleaning	5	2,385			1,685	700	6	1	312	11	3,840
20	Flouring and grist mill products	12	509,365	80,550	71,400	155,435	251,980	12	22	25,122	111	44,818
21	Foundry and machine shop products	12	830,106	83,900	159,049	136,200	450,957	12	57	71,654	477	252,533
22	Furniture, cabinetmaking, repairing, and upholstering	8	16,675	5,095	3,115	2,915	5,550	6	3	2,400	30	11,100
23	Furniture, factory product	18	759,875	99,400	151,900	152,890	355,685	9	75	68,994	927	265,335
24	Ice, artificial	3	291,600	38,100	52,500	180,000	21,000	1	9	7,506	58	26,691
25	Liquors, malt	3	1,210,000	210,000	340,000	332,000	328,000		30	55,250	181	104,789
26	Lock and gun smithing	6	3,050			1,750	1,300	6			1	720
27	Looking-glass and picture frames	3	10,250	2,500	2,500	600	4,650	6			3	4,850
28	Lumber and timber products	10	909,350	177,400	44,325	178,200	509,425	11	21	26,800	428	254,920
29	Lumber, planing mill products, including sash, doors, and blinds.	10	248,295	25,600	27,361	66,468	128,866	12	16	15,868	226	80,695
30	Masonry, brick and stone	21	42,043	3,850	11,125	13,748	13,320	26	3	2,380	160	74,524
31	Millinery, custom work	17	33,542	800	600	1,151	30,991	21	7	5,600	52	12,920
32	Mineral and soda waters	4	9,950			5,400	4,550	7	4	2,160	11	4,920
33	Monuments and tombstones	4	33,525	1,900	2,250	2,575	26,800	6	13	8,450	21	12,278
34	Painting, house, sign, etc	40	16,188	5,300	4,665	2,668	2,955	45			78	42,176
35	Paper hanging	11	15,105	2,900	5,725	455	6,025	18	3	1,125	26	12,253
36	Patent medicines and compounds	6	18,700	400	1,000	3,000	9,300	6	11	8,884	30	6,852
37	Paving and paving materials	6	18,600	5,200	6,800	1,200	5,400	6	2	2,400	60	25,675
38	Photography	14	9,555	1,000	300	4,050	4,205	14	1	130	8	3,386
39	Plastering and stuccowork	9	2,110	200	600	1,000	310	10			21	9,376
40	Plumbing, and gas and steam fitting	10	61,100	17,000	22,000	2,500	19,600	16	3	1,374	55	30,600
41	Pottery, terra cotta, and fire-clay products.	3	146,591	67,000	29,400	12,300	37,891	3	5	4,720	166	80,380

BY SPECIFIED INDUSTRIES: 1900—Continued.

ANDERSON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
22	$8,400					$1,010	$580	$280	$150		$34,180	$34,180		$75,450	17
45	23,000					3,005		705	2,300		199,739	198,819	$920	250,000	18
278	152,680			8	$1,600	3,768	116	477	3,175		248,085	247,835	250	481,600	19
		34	$8,220	1	100	4,935	4,005	130	800		46,985	46,705	280	81,550	20
31	13,325			1	150	471	180	71	220		10,605	10,605		37,850	21
3	1,800					1,017	572	175	270		2,775	2,655	120	11,914	22
38	19,500			2	600	416	72	91	253		28,730	28,730		63,165	23
25	12,950			4	775	3,665	2,500	465	700		58,623	58,440	183	90,600	24
5	2,800			2	300	1,815	630	55	330	$800	10,472	10,240	232	28,300	25
25	15,400	3	1,550			7,305	1,460	710	4,985	150	17,024	16,570	454	74,000	26
19	8,750			1	150	2,089	200	310	1,579		31,360	28,640	2,720	53,872	27
7	3,400					1,940	960	60	620	300	14,980	14,960	20	25,000	28
14	8,650					915	420	110	385		19,655	19,490	165	35,300	29
14	8,020			4	675	3,505	867	33	2,605		9,455	9,375	80	27,660	30
180	74,746					8,371	240	281	1,850	6,000	141,631	136,571	5,060	247,336	31
6	2,900					1,405	1,115	50	240		4,750	4,620	130	15,500	32
1,496	619,713	271	55,551	83	14,687	223,123	4,639	23,311	193,178	2,000	2,806,060	2,756,852	49,208	4,349,809	33

and soda waters, 2; mirrors, 1; monuments and tombstones, 2; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; paper hanging, 1; patent medicines and compounds, 1; paving and paving materials, 2; pottery, terra cotta, and fire-clay products, 1; refrigerators, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 2; stationery goods, not elsewhere specified, 1; tin and terne plate, 1; washing machines and clothes wringers, 1; window shades, 1; wirework, including wire rope and cable, 2.

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5,489	$2,488,152	1,652	$375,627	138	$20,196	$988,542	$99,458	$90,633	$726,299	$72,157	$7,504,660	$7,377,122	$127,538	$14,193,320	1
164	72,891					32,386		5,055	27,331		106,428	103,219	3,204	312,820	2
16	5,410			5	590	2,948	2,725	198	25		7,844	7,487	357	28,237	3
48	23,838					3,589	2,804	459	326		21,318	19,790	1,528	88,555	4
26	12,236					4,203	3,020	516	667		22,326	21,864	462	63,441	5
68	24,612	21	3,219	2	265	17,797	3,816	1,115	12,866		140,682	137,654	3,028	257,421	6
97	41,122			8	1,411	6,888	275	1,253	5,360		10,856	885	9,971	83,776	7
40	27,400	20	3,120	10	2,182	4,964	180	784	4,000		126,077	125,387	690	211,537	8
147	77,168					45,944	1,649	521	1,049	42,725	232,806	232,570	236	414,156	9
2	750					103	60	23	20		591	511	80	2,715	10
69	29,322					5,802	1,850	767	3,185		72,792	71,337	1,455	124,150	11
216	132,334					4,746		995	3,751		57,682	55,894	1,788	203,072	12
57	32,663	7	992			5,954	4,717	377	860		46,040	45,647	393	134,057	13
66	30,000	299	86,500			11,129	2,400	1,450	7,279		231,740	230,620	1,120	446,624	14
		142	27,417			3,228	2,619	92	517		19,611	19,286	325	79,098	15
10	5,475	1	260	1	120	1,495	740	455	300		68,365	66,825	1,540	89,950	16
36	18,031	7	1,175	1	150	4,122	3,093	534	495		65,846	65,051	795	115,783	17
108	40,080					1,514	591	373	550		90,670	89,845	825	168,570	18
2	620	9	2,720			871	871				1,583	1,373	210	8,146	19
110	44,610			1	208	55,440	720	5,462	49,258		1,504,760	1,493,709	11,051	1,705,964	20
477	252,533					32,702	1,620	8,421	22,661		273,977	263,743	10,234	744,900	21
25	10,040	2	500	3	560	2,625	1,976	344	305		29,663	29,418	245	69,055	22
899	261,160	11	2,115	17	2,060	31,501	4,536	7,227	19,738		452,583	447,843	4,740	977,675	23
58	26,691					12,678		2,178	10,500		13,332	4,479	8,853	76,392	24
174	103,739	2	400	5	650	369,219		7,816	361,403		147,973	133,710	14,263	774,950	25
1	720					1,468	1,290	18	160		2,635	2,450	185	11,400	26
8	4,850					660	320	180	160		9,340	9,280	60	19,800	27
428	254,920					30,688	2,055	10,291	18,342		777,150	777,150		1,288,300	28
226	80,695					10,926	1,916	2,013	6,997		145,883	144,079	1,804	332,021	29
160	74,524					29,476	1,221	1,020	1,235	26,000	110,973	110,343	630	251,830	30
		52	12,920			8,126	7,470	218	438		71,549	71,170	379	123,370	31
11	4,920					3,970	1,620	150	2,200		5,681	5,437	244	28,575	32
21	12,278					1,513	320	638	555		26,205	26,155	50	66,100	33
78	42,176					2,236	1,644	272	320		28,822	28,602	220	111,765	34
26	12,253					2,809	1,566	303	440		18,105	17,883	222	44,833	35
4	2,900	15	2,532	11	1,420	11,197	1,020	202	9,975		32,695	32,535	160	83,418	36
60	25,675					2,667	240	402	2,025		44,396	44,386	10	88,990	37
6	2,946	2	440			2,380	2,155	140	85		7,000	6,775	225	26,300	38
21	9,376					343	314	19	10		13,103	13,093	10	29,863	39
55	30,600					3,216	1,836	580	800		79,580	79,185	395	133,600	40
126	70,916	34	8,384	6	1,080	6,459	25	870	5,564		84,851	24,183	10,168	157,892	41

TABLE 8.—MANUFACTURES IN CITIES

EVANSVILLE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
42	Printing and publishing, book and job	7	$81,627			$45,694	$35,933	7	10	$7,721	94	$34,666
43	Printing and publishing, newspapers and periodicals.	10	156,500	$7,500	$7,500	113,700	27,800	8	30	44,850	186	82,066
44	Saddlery and harness	16	185,440	10,600	18,900	19,375	136,565	19	16	12,128	184	68,269
45	Slaughtering and meat packing, wholesale.	6	126,125	20,000	31,700	14,425	60,000	7	8	10,220	70	29,200
46	Tinsmithing, coppersmithing, and sheet-iron working.	25	166,528	28,290	46,975	20,290	60,973	34	11	9,310	129	61,189
47	Tobacco, chewing, smoking, and snuff	5	4,810	715	1,800	220	2,075	5			10	2,365
48	Tobacco, cigars and cigarettes	37	92,356	5,725	5,100	5,490	76,041	42	19	14,965	539	136,080
49	Watch, clock, and jewelry repairing	19	18,225	2,200	2,400	4,000	9,625	21			13	8,276
50	All other industries[1]	47	2,344,967	139,927	539,143	1,099,274	566,623	42	72	77,421	1,274	396,000

[1] Embraces awnings, tents, and sails, 2; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; belting and hose, leather, 1; boxes, cigar, 1; boxes, wooden packing, 1; coffins, burial cases, and undertakers' goods, 1; cotton goods, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; electrical construction and repairs, 2; fancy articles, not elsewhere specified, 1; fertilizers, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; hairwork, 1; hand stamps, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 1; lime and

FORT WAYNE.

1	All industries	397	$9,203,613	$832,008	$1,219,292	$2,221,238	$4,931,075	402	653	$631,513	7,255	$2,928,969
2	Bicycle and tricycle repairing	12	8,405			3,895	4,510	14			18	7,180
3	Blacksmithing and wheelwrighting	18	34,785	12,200	11,675	2,485	8,425	23	1	500	27	15,727
4	Boots and shoes, custom work and repairing.	29	6,183	1,000	1,050	1,705	2,428	28			11	4,822
5	Bread and other bakery products	15	321,658	12,350	14,900	206,405	87,998	17	34	34,534	169	55,421
6	Brick and tile	3	27,931	7,000	7,000	2,900	11,031	3	2	1,400	64	26,004
7	Brooms and brushes	5	4,310	1,050	2,050	425	785	5			4	1,371
8	Carpets, rag	4	3,255	1,000	1,500	500	255	4			16	3,699
9	Carriage and wagon materials	5	77,825	13,950	12,000	14,375	37,500	5	1	100	69	22,501
10	Carriages and wagons	10	887,217	6,423	10,133	65,162	805,497	14	19	20,404	225	101,849
11	Cars and general shop construction and repairs by steam railroad companies.	5	917,383	163,000	183,600	174,343	396,440		74	65,539	1,429	796,509
12	Clothing, men's, custom work and repairing.	36	93,931	16,500	11,775	3,405	62,251	37	8	7,656	187	78,672
13	Clothing, women's, dressmaking	7	10,085			975	9,110	8			46	7,625
14	Clothing, women's, factory product	4	343,329	750	7,800	19,058	316,221	3	38	36,945	694	132,831
15	Confectionery	4	12,450	1,500	5,000	2,700	3,250	5	5	600	8	2,839
16	Flouring and grist mill products	6	171,500	18,500	33,000	50,000	70,000	10	5	4,112	33	15,426
17	Foundry and machine shop products	12	2,120,202	230,250	325,092	657,799	907,061	8	54	59,581	872	388,558
18	Furniture, cabinetmaking, repairing, and upholstering.	5	5,525			775	4,750	6			7	2,982
19	Furniture, factory product	3	30,000	5,000	6,000	8,500	10,500	3	1	900	47	18,926
20	Gloves and mittens	3	61,300	9,000	25,500	5,000	21,800	5	3	2,800	97	24,862
21	Lock and gun smithing	4	1,495	300	200	535	460	3			3	1,520
22	Lumber and timber products	7	278,640	53,125	16,900	25,750	182,865	7	19	22,170	114	44,468
23	Lumber, planing mill products, including sash, doors, and blinds.	7	158,800	43,500	24,700	31,400	59,200	10	9	6,490	86	87,480
24	Mattresses and spring beds	3	15,850	1,000	1,500	3,600	9,750	2	2	912	20	6,893
25	Millinery, custom work	21	51,122	2,000	4,500	822	43,800	26	4	1,207	91	18,040
26	Mineral and soda waters	3	19,400	1,700	4,200	3,300	10,200	5			12	7,341
27	Monuments and tombstones	4	10,571		1,000	465	9,106	5	1	508	7	4,521
28	Painting, house, sign, etc	9	15,850	2,000	2,500	1,275	10,075	13	4	1,765	45	24,170
29	Photography	8	14,175	2,000	1,000	5,925	5,250	7	4	2,253	21	7,624
30	Plumbing, and gas and steam fitting	14	105,902	6,000	4,000	10,713	85,189	22	8	4,102	93	44,931
31	Printing and publishing, book and job	4	80,432	5,500	3,500	44,174	27,258	3	8	8,492	59	23,485
32	Printing and publishing, newspapers and periodicals.	5	100,400	11,500	14,500	58,500	15,900	3	28	24,794	70	49,454
33	Roofing and roofing materials	3	24,550	3,000	3,000	2,750	15,800	4	3	1,222	26	16,000
34	Saddlery and harness	11	29,395	1,700	7,100	4,565	16,030	12	2	1,016	40	16,704
35	Slaughtering and meat packing, wholesale.	3	131,100	8,000	45,000	35,100	43,000	2	9	6,200	84	35,828
36	Tinsmithing, coppersmithing, and sheet-iron working.	14	267,244	10,900	36,850	45,947	173,547	14	116	96,900	179	71,398
37	Tobacco, cigars and cigarettes	22	45,519	6,900	6,850	1,445	30,324	23	6	4,450	120	57,568
38	Washing machines and clothes wringers.	3	73,500	2,000	7,000	19,278	45,222	1	11	11,340	77	23,700
39	Watch, clock, and jewelry repairing	10	3,488			1,775	1,713	7			11	7,245
40	All other industries[1]	56	3,138,411	171,408	376,917	703,512	1,886,574	42	174	202,621	2,074	722,890

[1] Embraces bicycles and tricycles, 1; bookbinding and blank book making, 2; boot and shoe cut stock, 1; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; carpentering, 2; clothing, men's, factory product, 2; coffee and spice, roasting and grinding, 1; cooperage, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 2; electrical construction and repairs, 2; electroplating, 2; fancy articles, not elsewhere specified, 1; gas, illuminating and heating, 1; hand stamps, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 1; ice, artificial, 1; leather goods, 1; leather, tanned, curried, and finished, 2;

BY SPECIFIED INDUSTRIES: 1900—Continued.

EVANSVILLE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
63	$29,214	31	$5,452	.....	.....	$7,064	$3,304	$796	$1,564	$1,400	$44,147	$41,668	$2,479	$109,815	42
125	78,458	11	3,608	.....	.....	14,731	3,902	1,787	7,010	2,032	45,610	41,647	3,963	225,330	43
166	64,769	17	3,400	1	$100	7,465	3,354	1,800	1,811	.....	162,803	161,581	1,222	289,755	44
70	29,200	.....	.....	.....	.....	9,810	720	1,190	7,900	.....	518,906	516,381	2,525	590,863	45
127	60,739	.....	.....	2	450	7,137	2,278	2,937	1,922	.....	190,677	188,996	1,681	378,284	46
3	1,125	5	1,040	2	200	8,173	144	80	7,949	.....	5,953	5,893	60	21,480	47
113	48,906	421	86,708	5	466	58,884	8,738	576	49,520	.....	160,745	160,101	644	420,122	48
13	8,276	.....	.....	.....	.....	4,112	3,731	305	76	.....	15,513	15,230	283	45,450	49
673	264,991	543	122,725	58	8,284	91,734	7,508	17,431	66,795	.....	1,207,298	1,184,772	22,526	2,133,220	50

cement, 1; malt, 2; marble and stone work, 2; mirrors, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 1; perfumery and cosmetics, 1; plumbers' supplies, 1; roofing and roofing materials, 1; sausage, 1; shirts, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; stamped ware, 2; trunks and valises, 2; woodenware, not elsewhere specified, 1; woolen goods, 1.

FORT WAYNE.

5,260	$2,578,217	1,827	$329,893	168	$20,859	$780,122	$77,250	$45,894	$589,318	$17,660	$6,597,414	$6,452,618	$144,796	$12,525,222	1
18	7,180	.....	.....	.....	.....	2,179	1,456	65	658	.....	11,564	11,319	245	28,073	2
27	15,727	.....	.....	.....	.....	3,739	1,937	360	642	800	22,438	21,743	695	63,208	3
11	4,822	.....	.....	.....	.....	2,264	1,923	39	302	.....	9,251	8,963	288	26,415	4
98	44,521	67	10,280	4	620	52,827	7,120	1,492	44,215	.....	268,794	263,485	5,309	502,507	5
61	24,954	.....	.....	3	1,050	1,000	.....	340	660	.....	7,515	315	7,200	48,600	6
4	1,371	.....	.....	.....	.....	237	122	48	67	.....	11,089	11,024	65	17,966	7
7	2,274	7	1,173	2	252	509	288	50	171	.....	1,391	1,271	120	7,315	8
68	22,251	1	250	.....	.....	2,123	195	553	1,375	.....	38,841	38,710	131	80,550	9
225	101,849	.....	.....	.....	.....	43,844	5,146	1,928	36,470	300	235,503	230,989	4,514	456,280	10
1,429	796,509	.....	.....	.....	.....	36,839	.....	4,815	32,024	.....	1,274,731	1,256,997	17,734	2,173,618	11
117	67,848	70	20,824	.....	.....	10,958	8,027	873	2,053	.....	89,684	88,726	958	228,787	12
.....	.....	46	7,625	.....	.....	1,388	1,248	40	100	.....	5,278	5,100	178	20,350	13
25	14,234	669	118,597	.....	.....	17,647	3,100	648	13,899	.....	350,768	348,994	1,769	746,138	14
6	2,470	2	360	.....	.....	1,777	1,020	140	617	.....	13,343	13,123	220	30,180	15
33	15,426	.....	.....	.....	.....	8,095	1,020	1,299	5,776	.....	313,705	309,615	4,090	378,043	16
872	388,558	.....	.....	.....	.....	101,239	218	7,397	92,394	1,230	889,471	842,250	47,221	1,695,129	17
6	2,732	1	200	.....	.....	860	626	27	207	.....	5,958	5,905	53	13,400	18
45	18,576	.....	.....	2	350	2,378	300	350	1,728	.....	18,474	17,283	1,191	44,152	19
22	9,550	64	13,344	11	1,968	1,886	120	700	1,066	.....	57,879	57,649	230	94,591	20
2	1,400	.....	.....	1	120	422	276	83	63	.....	1,601	1,524	77	5,475	21
114	44,468	.....	.....	.....	.....	16,405	50	4,355	12,000	.....	149,390	149,390	.....	322,655	22
86	37,480	.....	.....	.....	.....	6,022	.....	1,438	4,584	.....	158,334	157,494	840	227,894	23
12	5,372	7	1,401	1	122	8,195	900	55	2,240	.....	13,856	13,541	315	30,480	24
1	364	88	17,066	2	610	12,022	8,280	353	3,389	.....	60,492	60,034	458	120,820	25
12	7,341	.....	.....	.....	.....	4,357	240	152	3,965	.....	9,841	9,750	91	29,200	26
7	4,521	.....	.....	.....	.....	750	420	90	240	.....	11,644	11,559	85	23,490	27
45	24,170	.....	.....	.....	.....	1,444	813	179	452	.....	20,174	20,023	151	62,740	28
11	5,036	9	2,448	1	140	4,199	3,360	202	637	.....	14,320	14,030	290	39,800	29
91	44,623	.....	.....	2	308	8,600	2,758	744	5,098	.....	117,500	116,732	768	230,512	30
42	20,102	13	2,848	4	485	3,762	1,952	608	1,202	.....	54,550	53,585	965	88,886	31
65	48,550	2	600	3	304	19,445	1,680	626	17,139	.....	31,958	30,887	1,071	158,200	32
26	16,000	.....	.....	.....	.....	1,115	480	170	465	.....	28,787	28,659	128	55,795	33
39	16,575	.....	.....	1	120	2,220	1,629	293	268	30	35,500	35,190	310	77,689	34
83	35,578	1	250	.....	.....	4,921	450	1,835	2,636	.....	592,650	589,089	3,561	698,923	35
164	69,098	.....	.....	15	2,300	16,852	1,366	953	14,533	.....	231,453	227,529	3,924	454,584	36
96	54,333	4	672	20	2,563	24,617	3,315	401	20,901	.....	63,492	63,118	374	187,146	37
77	23,700	.....	.....	.....	.....	15,822	4,000	622	11,200	.....	53,475	52,575	900	113,728	38
11	7,245	.....	.....	.....	.....	834	787	20	27	.....	2,419	2,370	49	16,530	39
1,202	581,409	776	131,943	96	9,538	291,334	10,628	11,551	253,855	15,300	1,320,306	1,282,078	38,228	2,925,423	40

liquors, malt, 2; looking-glass and picture frames, 2; marble and stone work, 2; masonry, brick and stone, 1; musical instruments, organs and materials, 1; paper hanging, 2; patent medicines and compounds, 1; paving and paving materials, 2; perfumery and cosmetics, 1; plastering and stuccowork, 1; shirts, 2; soap and candles, 1; surgical appliances, 1; tools, not elsewhere specified, 1; vinegar and cider, 1; wood, turned and carved, 1; wool pulling, 1.

TABLE 8.—MANUFACTURES IN CITIES

INDIANAPOLIS.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	1,910	$36,828,114	$3,368,676	$5,180,343	$10,863,247	$17,915,848	1,967	2,636	$2,445,785	25,511	$10,882,914
2	Agricultural implements	6	256,891	15,900	14,500	11,538	214,953	8	20	17,010	51	24,333
3	Awnings, tents, and sails	5	36,389	8,600	7,900	4,812	15,077	6	4	2,309	33	12,790
4	Baking and yeast powders	7	74,995			3,535	71,460	4	12	12,654	14	4,168
5	Bicycle and tricycle repairing	49	27,516	1,100	700	9,644	16,072	55	5	3,124	47	23,809
6	*Bicycles and tricycles*	6	1,076,867	74,139	159,758	479,481	363,489	1	52	46,663	766	317,483
7	Blacksmithing and wheelwrighting	93	63,951	18,400	18,925	10,793	15,833	109	1	624	106	54,797
8	Bookbinding and blank book making	3	26,514			12,506	14,008	2	4	4,000	29	11,405
9	Boots and shoes, custom work and repairing.	105	16,194	4,350	3,040	3,891	4,913	106			41	17,817
10	Bottling	4	124,782	2,500	5,316	8,316	108,600	1	21	14,792	70	30,880
11	Boxes, fancy and paper	4	59,154	4,000	8,000	26,487	20,667	4	3	3,280	90	17,830
12	Boxes, wooden packing	4	79,500	9,000	17,000	20,000	33,500	2	9	9,624	128	47,856
13	Bread and other bakery products	64	885,563	38,400	126,600	463,260	257,303	63	60	36,162	311	140,884
14	Brick and tile	6	14,410	5,450	2,200	1,805	4,955	7	1	400	30	11,130
15	Bridges	3	18,050			3,050	15,000	5	3	2,375	59	28,200
16	Brooms and brushes	9	26,438	5,500	6,500	2,605	11,833	9	2	1,375	42	20,718
17	Carpentering	164	275,065	26,735	28,025	31,984	188,321	191	14	10,947	799	397,582
18	Carpets, rag	5	1,715	600	150	515	450	7	1	416	18	4,350
19	Carriage and wagon materials	7	461,244	31,607	91,562	101,803	236,272	5	14	11,226	423	142,128
20	Carriages and wagons	17	1,182,570	44,000	64,100	45,065	1,029,405	19	106	88,886	1,008	400,412
21	Cars and general shop construction and repairs by steam railroad companies.	5	774,079	86,002	192,400	107,730	387,947		49	43,290	1,124	604,409
22	*Clothing, men's, custom work and repairing.*	98	399,882	48,208	32,184	13,228	306,262	107	53	40,766	497	212,263
23	Clothing, men's, factory product	8	288,279	15,639	7,000	43,112	222,528	8	33	41,136	684	129,946
24	Clothing, women's, dressmaking	47	39,374	5,040	13,660	5,207	15,467	46	11	8,736	269	101,944
25	Clothing, women's, factory product	5	121,864			15,061	106,803	4	22	22,820	460	102,487
26	Confectionery	35	281,778	12,250	19,350	55,268	194,910	35	73	54,830	330	106,881
27	Cooperage	5	43,553	7,386	4,938	4,746	26,483	5	2	2,140	110	39,878
28	*Dyeing and cleaning*	21	4,695	400	250	2,625	1,420	25	3	1,850	33	11,927
29	Electrical apparatus and supplies	5	191,081			84,706	106,375	3	23	18,460	119	45,519
30	Electrical construction and repairs	7	18,648			789	17,859	7	7	4,826	29	11,866
31	Electroplating	3	5,450		500	4,100	850	4	1	200	5	2,760
32	Flouring and grist mill products	9	1,042,005	73,400	224,945	358,774	384,886	6	46	76,284	313	149,854
33	Food preparations	5	124,245			13,700	110,545	7	4	6,500	85	37,528
34	Foundry and machine shop products	56	4,591,761	251,448	728,307	1,025,144	2,586,862	43	242	275,184	3,726	1,691,742
35	Fruits and vegetables, canning and preserving.	3	241,260	50,500	40,400	30,350	120,010	1	70	69,520	300	65,331
36	Fur goods	5	6,460			960	5,500	4	2	1,480	45	23,676
37	Furnishing goods, men's	3	1,875			225	1,650	3	1	50	7	2,731
38	Furniture, cabinetmaking, repairing, and upholstering.	37	46,459	3,200	1,600	8,611	33,048	45	7	3,377	78	43,047
39	Furniture, factory product	22	1,366,919	148,099	268,216	176,515	774,089	22	119	105,810	1,182	456,644
40	Ice, artificial	7	235,425	14,400	29,500	177,000	14,525	5	11	7,012	67	30,912
41	Ironwork, architectural and ornamental.	8	708,190	48,950	82,000	130,026	447,214	8	41	46,731	451	214,802
42	Liquors, malt	5	1,077,045	186,000	307,000	202,000	382,045		64	89,604	256	154,417
43	Lock and gun smithing	10	9,685	3,000	2,000	2,160	2,525	12			6	2,326
44	Looking-glass and picture frames	3	7,890			1,225	6,665	3	4	1,756	9	4,640
45	*Lumber and timber products*	7	403,041	42,000	44,917	66,536	249,588	12	16	18,440	333	133,034
46	Lumber, planing mill products, including sash, doors, and blinds.	16	618,667	109,950	97,400	75,567	335,750	17	41	47,329	447	193,542
47	Marble and stone work	3	67,800	8,000	3,000	30,725	25,575	6	1	780	79	39,750
48	Masonry, brick and stone	54	107,514	8,100	5,400	29,773	64,241	70	10	8,172	535	264,563
49	Mattresses and spring beds	7	254,559	22,850	51,250	56,225	124,234	4	35	21,553	223	84,803
50	Millinery and lace goods	3	29,036			12,136	16,900		8	7,940	86	29,198
51	Millinery, custom work	66	56,819	10,785	14,350	4,313	27,371	76	31	7,476	149	42,369
52	Models and patterns	4	9,500			4,800	4,700	6			16	8,600
53	Monuments and tombstones	6	31,205	7,500	1,500	1,305	20,900	6	2	480	26	16,280
54	Musical instruments and materials, not specified.	3	23,468			3,652	19,816	5	1	1,200	37	17,000
55	Painting, house, sign, etc	77	47,913	4,650	2,400	6,768	34,095	97	7	5,478	196	111,483
56	Paints	3	64,931		3,463	16,251	45,217		11	10,566	30	11,531
57	Paper hanging	22	15,165	135	165	1,060	13,805	23	5	1,134	36	18,603
58	Patent medicines and compounds	26	350,910	43,767	48,783	36,635	221,725	23	129	132,169	213	94,513
59	Paving and paving materials	31	257,232	2,750	4,500	52,904	197,078	32	23	21,298	637	217,421
60	Photography	27	40,106		125	19,074	20,907	30	17	11,052	65	29,496
61	Photolithographing and photoengraving.	3	8,425			5,125	3,300	4	4	3,468	29	15,540
62	Pickles, preserves, and sauces	6	95,900	7,400	18,100	27,550	42,850	4	18	15,628	83	24,502
63	Pipes, tobacco	3	10,779	100	400	5,379	4,900	1	8	7,207	14	4,324
64	Plastering and stuccowork	31	22,705	700	700	3,495	17,810	42			134	68,732
65	Plumbing, and gas and steam fitting	68	168,098	2,200	735	16,176	148,987	87	46	24,630	260	137,778
66	Pottery, terra cotta, and fire-clay products.	3	340,944	28,819	67,771	43,141	201,213	1	13	13,900	190	69,691

BY SPECIFIED INDUSTRIES: 1900—Continued.

INDIANAPOLIS.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
21,181	$9,919,544	4,065	$926,221	265	$37,149	$5,389,394	$432,823	$216,794	$3,184,970	$1,554,807	$42,055,634	$41,449,677	$605,957	$68,607,579	1
51	24,333					9,642	1,290	1,352	7,000		73,409	72,482	927	270,390	2
19	8,863	19	3,927			2,307	900	318	1,089		32,704	32,337	367	78,937	3
10	3,456	4	712			2,765	1,242	490	1,033		40,341	39,906	435	85,735	4
47	23,809					9,835	7,483	208	2,154	40	48,167	47,165	1,002	115,824	5
639	274,796	124	41,860	3	332	53,474	3,640	7,733	42,101		542,942	527,582	15,360	880,969	6
104	54,331			2	416	12,634	10,525	584	1,120	405	55,807	53,227	2,580	208,896	7
18	8,493	16	2,912			11,006	1,396	275	9,335		7,137	6,852	285	46,621	8
40	17,517	1	300			7,964	7,034	146	359	425	33,600	32,841	759	105,479	9
70	30,880					6,265	3,680	948	1,637		103,421	102,151	1,270	176,702	10
20	7,890	70	9,940			4,210	1,936	284	1,990		31,308	30,775	533	78,401	11
127	47,700	1	156			11,332	3,480	1,212	6,640		143,469	142,264	1,205	228,411	12
266	132,382	43	8,148	2	354	54,401	16,640	3,035	34,726		730,396	712,706	17,690	1,200,448	13
30	11,130					679		124	555		6,397	660	5,737	33,600	14
59	28,200					1,307	320	82	405	500	31,703	30,785	923	73,657	15
40	20,263	1	300	1	150	1,446	410	170	866		33,132	32,779	353	66,441	16
799	397,582					691,264	5,608	1,041	16,559	668,056	958,492	956,873	1,619	2,562,425	17
8	2,280	10	2,070			703	538	19	146		1,201	1,176	25	9,645	18
418	141,178			5	950	65,672	1,140	1,936	62,596		286,721	276,693	10,028	547,570	19
955	388,186	53	12,276			48,909	15,900	5,986	25,423	1,600	1,470,418	1,454,499	15,919	2,264,928	20
1,121	603,449	3	960			28,606		4,127	17,686	6,793	831,900	814,379	17,521	1,508,205	21
276	155,661	220	56,492	1	110	127,058	38,242	2,079	60,514	26,223	326,947	323,534	3,413	866,910	22
41	21,944	643	108,002			31,969	3,900	2,267	25,002	800	352,579	350,683	1,896	691,001	23
13	12,547	253	88,901	3	496	18,977	8,819	170	4,388	5,600	61,343	60,514	829	245,116	24
22	20,822	488	81,665			7,541	3,888	350	3,303		229,010	227,840	1,170	387,023	25
147	74,119	188	32,762			68,768	19,312	1,835	47,021	600	539,241	533,735	5,506	944,315	26
110	39,878					2,067	600	251	1,216		75,953	75,613	340	131,432	27
21	8,834	11	2,989	1	104	5,986	4,219	40	1,439	288	5,889	4,921	468	43,959	28
115	44,375	4	1,144			14,049	2,030	590	11,429		100,668	98,318	2,350	211,895	29
29	11,866					2,470	1,780	112	478	100	43,109	42,903	206	77,181	30
5	2,760					588	436	32	120		2,669	2,430	239	9,350	31
806	147,704	7	2,150			130,665		9,697	120,968		3,342,198	3,285,154	57,044	3,820,373	32
52	27,884	32	9,514	1	130	25,047	3,078	319	21,650		179,417	176,460	2,957	281,360	33
3,692	1,684,914	9	3,228	25	3,600	535,924	22,370	26,349	421,951	65,254	2,660,821	2,573,950	86,871	5,733,469	34
114	41,741	182	28,100	4	490	56,360	600	760	55,000		435,556	431,736	3,820	724,968	35
9	9,476	36	14,200			2,791	1,630	49	1,112		33,996	33,875	121	75,280	36
2	1,456	5	1,275			189	182		7		1,405	1,391	14	6,956	37
73	41,997	5	1,050			6,255	5,058	169	683	345	41,804	41,288	516	130,563	38
1,135	447,551	18	5,117	29	3,976	127,250	8,504	10,267	102,108	6,371	806,568	782,135	24,433	1,685,827	39
67	30,912					12,824	1,000	1,825	9,999		28,387	8,225	20,162	108,770	40
451	214,802					88,977	1,766	3,159	25,552	58,500	466,463	457,753	8,710	920,864	41
246	152,617	10	1,800			740,334		16,677	723,657		254,203	208,774	45,429	1,770,939	42
5	2,154	1	172			1,915	1,704	69	142		4,549	4,387	162	18,645	43
8	4,120	1	520			1,827	1,394	22	411		10,511	10,511		23,501	44
333	138,034					31,620	400	2,776	28,444		868,800	868,600	200	694,727	45
435	191,042	12	2,500			130,882	5,314	6,126	36,092	83,350	432,396	426,467	5,929	894,070	46
79	39,750					1,025	205	415	405		28,459	27,749	710	91,245	47
535	264,563					131,286	1,541	380	7,249	122,116	449,644	445,699	3,945	980,384	48
135	67,809	81	15,867	7	1,127	15,521	1,950	1,320	12,251		226,641	223,710	2,931	393,905	49
13	8,572	73	20,626			3,533	2,220	115	1,198		43,786	42,794	992	104,010	50
1	650	147	41,581	1	138	26,947	24,645	596	1,701	5	150,274	149,126	1,148	320,069	51
16	8,600					879	604	28	247		2,907	2,598	309	19,840	52
26	16,280					2,126	520	140	1,466		48,622	48,414	208	88,410	53
37	17,000					2,749	1,224	2	1,523		5,975	5,570	405	28,000	54
196	111,483					7,843	4,117	186	3,224	316	94,619	94,464	155	334,237	55
24	10,725	6	806			11,258	4,380	154	6,724		106,695	105,988	707	147,085	56
36	18,603					3,230	2,394	91	745		27,294	27,190	104	78,257	57
93	61,331	119	33,082	1	100	135,702	2,507	3,444	129,751		308,660	305,474	3,186	770,520	58
637	217,421					53,083	2,485	1,353	24,993	24,252	389,585	386,644	2,891	842,356	59
51	26,242	14	3,254			13,357	9,809	245	3,183	120	51,423	50,363	1,060	141,130	60
29	15,540					3,588	909	22	2,657		4,950	4,057	893	38,270	61
37	15,384	46	9,118			8,198	1,380	646	6,172		316,156	312,504	3,652	387,642	62
13	4,125	1	199			750	348	27	375		6,892	6,801	91	17,007	63
134	63,732					5,916	790	115	817	4,194	70,037	69,976	61	181,324	64
254	136,641	3	670	3	462	28,057	17,114	809	5,994	4,140	340,093	338,744	1,349	736,198	65
114	54,581	76	15,110			13,394	90	2,290	11,014		50,886	36,186	14,700	234,200	66

TABLE 8.—MANUFACTURES IN CITIES

INDIANAPOLIS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Printing and publishing, book and job	47	$911,693	$63,700	$83,465	$330,886	$433,642	44	159	$119,842	746	$351,393
68	Printing and publishing, newspapers and periodicals.	58	786,989	9,400	55,500	440,403	281,686	43	228	230,234	640	377,250
69	Roofing and roofing materials	7	80,928	10,202	13,106	15,047	42,573	9	9	9,159	68	19,029
70	Saddlery and harness	22	283,164	1,500	2,700	23,674	255,290	22	33	34,820	162	82,654
71	Sausage	3	16,150	6,150	6,650	2,750	600	5			8	4,700
72	Saws	3	1,176,528	97,450	93,958	120,503	864,617	2	63	76,552	646	346,233
73	Sewing machine repairing	3	765			115	650	3				
74	Shirts	6	28,854			8,054	20,800	6			57	24,246
75	Slaughtering and meat packing, wholesale.	4	3,640,096	181,500	793,000	289,150	2,376,446	3	131	125,334	1,920	766,566
76	Slaughtering, wholesale, not including meat packing.	3	167,150	29,000	41,000	44,000	53,150	3	5	3,500	23	16,660
77	Soap and candles	7	41,990	750	3,000	16,430	21,810	7	10	9,783	27	9,714
78	Starch	3	2,870,829	806,500	493,925	1,293,545	276,859	1	6	7,764	209	89,050
79	Steam fittings and heating apparatus	3	98,195	13,000	10,000	10,200	64,995	3	7	5,340	60	26,582
80	Stereotyping and electrotyping	3	39,000			20,500	18,500	3	4	4,175	41	22,000
81	Tinsmithing, coppersmithing, and sheet-iron working.	50	309,410	19,450	32,390	28,874	228,696	55	19	16,756	325	114,368
82	Tobacco, cigars and cigarettes	76	119,643	14,970	22,255	3,722	78,701	76	8	5,614	186	86,979
83	Tools, not elsewhere specified	3	4,130			1,060	3,070	4	1	354	4	1,856
84	Trunks and valises	3	10,800			300	10,500	4	2	1,224	15	7,100
85	Vinegar and cider	4	5,985	40	150	1,095	4,700	4	4	4,872	5	1,824
86	Watch, clock, and jewelry repairing	49	40,911			11,409	29,502	36	2	876	59	32,481
87	Wirework, including wire rope and cable.	5	25,300	10,000	5,000	6,150	4,150	4	3	1,806	18	7,601
88	Wood, turned and carved	7	31,725	6,300	6,200	8,550	10,675	7	1	312	67	25,575
89	All other industries[1]	99	6,827,997	554,855	644,559	3,463,888	2,164,695	75	295	239,839	2,152	885,203

[1] Embraces artificial limbs, 1; axle grease, 1; bags, other than paper, 1; bags, paper, 1; baskets, and rattan and willow ware, 2; bells, 1; belting and hose, leather, 2; billiard tables and materials, 2; bluing, 2; boot and shoe uppers, 1; boxes, cigar, 1; brass castings and brass finishing, 2; calcium lights, 1; carpets, wood, 2; carriages and sleds, children's, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese and butter, urban dairy products, 1; cleansing and polishing preparations, 2; clothing, horse, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 2; cotton goods, 1; dentists' materials, 2; druggists' preparations, not including prescriptions, 1; dyeing and finishing textiles, 1; engraving, wood, 1; fertilizers, 2; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; glue, 1; grease and tallow, 2; hairwork, 2; hand stamps, 2; hardware, 2; hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 2;

MUNCIE.

1	All industries	317	$7,793,892	$671,242	$1,130,562	$2,606,510	$3,385,518	343	227	$319,109	6,294	$3,067,748
2	Bicycle and tricycle repairing	6	5,395	2,600	200	1,325	1,270	7			7	2,385
3	Blacksmithing and wheelwrighting	15	12,790	5,100	2,300	1,435	3,955	16			20	9,725
4	Boots and shoes, custom work and repairing.	9	2,080		10	1,110	960	9			4	1,425
5	Bottling	4	3,750	600	400	1,850	900	6			3	1,530
6	Bread and other bakery products	14	14,865	650	3,750	4,875	5,590	13			32	13,485
7	Carpentering	60	26,865	3,125	3,665	5,855	14,220	66			186	118,968
8	Carriages and wagons	5	204,520	22,000	32,500	19,625	130,395	8	15	5,946	153	65,653
9	Clothing, men's, custom work and repairing.	11	17,540	3,000	4,000	1,340	9,200	11			51	26,535
10	Clothing, women's, dressmaking	15	1,045			710	335	14			43	7,960
11	Confectionery	7	6,135			2,070	4,065	7	2	1,250	16	5,345
12	Dyeing and cleaning	3	1,795		75	610	1,110	3			13	5,900
13	Flouring and grist mill products	3	52,300	14,000	7,000	7,800	23,500	4	1	936	9	4,270
14	Foundry and machine shop products	6	523,981	49,669	112,092	124,108	243,112	5	26	34,881	522	178,904
15	Furniture, cabinetmaking, repairing, and upholstering.	4	2,585			395	2,190	4			2	936
16	Glass	6	1,277,281	61,044	231,352	77,122	907,763		49	77,639	1,810	954,689
17	Iron and steel	4	3,588,653	291,200	350,912	1,692,630	1,203,911		39	52,189	1,787	968,881
18	Lock and gun smithing	3	985			525	460	4			3	800
19	Looking-glass and picture frames	3	3,000			250	2,750	3			9	4,100
20	Lumber and timber products	3	44,100	6,000	4,800	13,700	19,600	4	1	1,000	49	20,240
21	Masonry, brick and stone	13	5,860			1,525	4,335	14			57	40,510
22	Millinery, custom work	9	19,570	2,100	3,900	620	12,950	9			41	9,620
23	Painting, house, sign, etc	29	4,845	500	335	2,055	1,955	30			42	22,030
24	Paving and paving materials	5	9,900	800	500	3,100	5,500	5			56	28,000
25	Photography	7	5,675			2,525	3,150	7			3	1,374
26	Plastering and stuccowork	11	3,035			1,085	1,950	14			32	20,430
27	Plumbing, and gas and steam fitting	12	45,565			3,840	41,725	13	1	800	32	16,180
28	Printing and publishing, book and job	6	18,315			13,750	4,565	5	5	2,200	32	12,236
29	Printing and publishing, newspapers and periodicals.	5	57,879	2,500	4,500	38,042	12,837	6	7	6,660	63	41,615
30	Roofing and roofing materials	3	5,060		1,500	1,060	2,500	3			11	3,705
31	Saddlery and harness	5	7,622			207	7,415	4	1	600	8	3,880

BY SPECIFIED INDUSTRIES: 1900—Continued.

INDIANAPOLIS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
577	$313,823	148	$34,813	21	$2,757	$472,194	$29,046	$5,363	$100,718	$337,072	$385,885	$376,456	$9,429	$1,536,652	67
581	354,490	53	21,456	6	1,304	218,752	28,869	4,818	90,277	95,288	288,107	274,382	13,725	1,387,733	68
67	18,925			1	104	10,192	672	410	9,110		118,196	116,072	2,124	184,183	69
153	79,877	6	2,258	3	519	26,351	7,892	1,101	16,858	500	251,038	249,684	1,354	431,874	70
8	4,700					500		170	330		19,294	18,959	335	26,680	71
646	346,283					145,688	960	5,815	138,913		706,171	695,295	10,876	1,587,827	72
						385	288		97		633	611	22	2,010	73
16	11,676	41	12,570			3,801	2,205	66	1,530		19,956	19,125	831	61,450	74
1,656	674,262	813	83,729	51	8,575	212,959		24,510	188,449		17,089,170	16,998,990	40,180	18,382,679	75
23	16,660					6,030	220	848	4,962		361,160	357,060	4,100	398,763	76
17	7,360	10	2,354			7,628	1,782	161	5,685		75,529	74,109	1,420	128,793	77
173	82,585	36	6,465			22,560	132	3,001	19,424		519,098	527,193	21,905	988,589	78
60	26,582					3,304	1,700	597	1,007		54,864	54,434	430	142,975	79
41	22,000					19,088	2,440	198	16,450		8,532	6,962	1,570	68,000	80
280	101,850	83	7,009	62	5,509	63,420	8,117	2,708	18,038	34,557	366,678	364,388	2,285	682,631	81
157	79,609	25	6,777	4	593	55,977	5,623	638	49,716		118,746	118,070	676	347,612	82
4	1,356					645	334	1	310		3,728	3,628	100	8,421	83
16	7,100					4,258	3,720	143	395		7,887	7,741	146	27,000	84
5	1,824					1,100	784	101	215		16,747	16,548	199	80,470	85
58	32,334			1	147	13,755	11,362	255	2,128	10	46,328	45,366	962	143,526	86
17	7,025	1	576			2,503	871	95	1,537		11,568	10,925	643	31,600	87
60	24,789	7	786			3,978	1,190	265	2,223	300	36,432	35,582	850	85,724	88
1,714	794,024	411	86,973	27	4,206	429,130	26,046	37,589	358,808	6,687	2,579,692	2,494,717	84,975	4,956,490	89

instruments, professional and scientific, 2; iron and steel, 1; iron and steel, forgings, 1; jewelry, 1; lard, refined, 1; leather goods, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; lithographing and engraving, 2; mineral and soda waters, 2; mirrors, 1; mucilage and paste, 1; oil, lard, 1; oil, not elsewhere specified, 1; oleomargarine, 2; optical goods, 1; paper and wood pulp, 1; pens, fountain and stylographic, 1; plumbers' supplies, 1; printing materials, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; show cases, 2; stationery goods, not elsewhere specified, 1; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 2; toys and games, 1; typewriter repairing, 2; upholstering materials, 2; varnish, 2; wood, preserving, 1; woodenware, not elsewhere specified, 1; woolen goods, 1.

MUNCIE.

5,703	$2,930,150	448	$103,892	148	$33,706	$506,279	$34,717	$22,338	$373,404	$75,820	$6,690,155	$6,500,480	$189,675	$12,106,648	1
7	2,385					1,076	836	73	167		4,901	4,843	58	13,270	2
20	9,725					1,491	1,098	109	284		8,662	8,262	400	32,195	3
4	1,425					1,223	1,049	14	160		3,102	3,102		9,775	4
3	1,530					245	100	20	125		6,930	6,600	330	11,580	5
27	12,705	5	780			3,844	2,540	122	1,182		58,300	57,385	915	99,540	6
136	118,968					74,330	1,301	136	1,073	71,820	315,266	315,251	15	607,000	7
151	65,367	2	286			21,855	1,460	1,042	19,353		246,158	244,178	1,975	388,725	8
33	21,235	18	5,300			5,713	2,498	191	3,024		30,991	30,916	75	81,930	9
		43	7,960			1,454	1,379		75		3,375	3,375		23,494	10
10	4,370	4	625	2	350	8,981	2,360	51	1,570		28,593	27,785	808	55,190	11
9	4,600	4	1,300			868	468		400		1,875	1,700	175	11,496	12
9	4,270					2,970	300	540	2,130		95,666	94,566	1,100	112,016	13
494	172,542	28	6,362			41,724	74	1,644	40,006		189,858	175,565	14,293	504,897	14
2	936					561	456		105		2,625	2,625		6,250	15
1,537	887,392	137	34,901	136	32,396	100,726		6,790	93,936		1,007,354	974,030	33,324	2,381,025	16
1,736	958,936	51	9,895			68,945		2,507	66,438		2,911,933	2,815,247	96,686	4,499,494	17
3	800					356	301	5	50		2,923	2,905	18	8,700	18
8	3,920	1	180			810	660		150		9,215	9,200	15	19,000	19
49	20,240					2,170	850	290	1,030		138,800	138,800		201,450	20
57	40,510					884	180		704		53,833	53,733	100	109,960	21
		41	9,620			3,496	2,564	212	720		33,300	33,300		64,700	22
42	22,030					1,525	792	17	716		24,887	24,887		70,564	23
56	28,000					5,900	240	35	1,625	4,000	31,362	30,862	500	77,200	24
2	1,166	1	208			2,001	1,482	32	487		4,400	4,400		14,035	25
32	20,430					674	319		355		23,585	23,585		54,675	26
31	15,980			1	200	10,003	3,091	297	6,615		119,843	118,872	971	177,100	27
25	10,816	7	1,420			2,387	1,432	187	768		19,143	18,785	358	48,567	28
54	38,377	8	3,082	1	156	9,847	1,590	535	7,722		27,792	26,565	1,227	85,545	29
11	3,705					756	539	57	160		10,405	10,270	135	22,850	30
8	3,880					1,417	1,200	109	108		7,292	7,170	122	18,075	31

MUNCIE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Slaughtering, wholesale, not including meat packing.	3	$7,800	$1,200	$2,000	$1,300	$2,800	3	-------	-------	6	$3,658
33	Tinsmithing, coppersmithing, and sheet-iron working.	6	7,670	450	200	2,550	4,470	8	-------	-------	16	9,326
34	Tobacco, cigars and cigarettes	6	5,895	800	1,000	345	3,750	5	-------	-------	20	9,995
35	Watch, clock, and jewelry repairing	9	2,310	-------	-------	1,110	1,200	5	-------	-------	5	3,225
36	All other industries[1]	37	1,842,666	203,904	363,671	576,061	699,130	28	80	$135,008	1,151	450,283

[1] Embraces brass castings and brass finishing, 1; brick and tile, 1; bridges, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; coffins, burial cases, and undertakers' goods, 1; electrical apparatus and supplies, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; fruits and vegetables, canning and preserving, 1; furniture, factory product, 1; hardware, 1; hosiery and knit goods, 1; ice, artificial, 1; iron and steel, bolts, nuts, washers, and rivets, 1; ironwork, architectural and ornamental, 1; lumber, planing mill

NEW ALBANY.

1	All industries	208	$2,996,512	$226,210	$425,055	$887,562	$1,457,685	221	110	$107,676	2,430	$843,680
2	Bicycle and tricycle repairing	3	420	-------	-------	300	120	3	-------	-------	3	988
3	Blacksmithing and wheelwrighting	7	7,940	5,125	1,525	675	615	7	-------	-------	7	3,007
4	Boots and shoes, custom work and repairing.	9	3,620	600	1,700	965	355	9	-------	-------	8	3,035
5	Bread and other bakery products	10	25,730	8,725	12,125	2,750	2,130	10	-------	-------	27	8,566
6	Carpentering	11	16,735	1,550	2,700	3,185	9,300	16	-------	-------	62	33,807
7	Carriages and wagons	3	8,625	2,800	1,600	1,525	2,700	5	-------	-------	9	5,462
8	Clothing, men's, custom work and repairing.	9	46,290	10,000	13,750	1,185	21,355	9	1	520	63	17,511
9	Clothing, women's, dressmaking	7	570	-------	-------	355	215	10	-------	-------	26	3,930
10	Foundry and machine shop products	9	347,774	22,985	38,500	101,055	185,234	7	28	25,878	364	151,781
11	Furniture, factory product	3	192,875	9,000	21,000	17,351	145,524	1	7	4,750	137	51,800
12	Leather, tanned, curried, and finished	3	188,000	15,500	27,000	15,000	130,500	3	7	5,650	104	44,100
13	Liquors, malt	3	120,643	20,000	44,000	25,100	31,543	2	5	7,400	19	8,074
14	Masonry, brick and stone	4	400	-------	-------	100	300	5	-------	-------	9	6,316
15	Millinery, custom work	13	5,620	-------	-------	1,070	4,550	16	-------	-------	14	2,523
16	Monuments and tombstones	3	14,145	5,800	1,600	145	7,100	3	1	500	10	6,100
17	Painting, house, sign, etc	10	3,405	700	400	695	1,610	10	-------	-------	17	8,018
18	Plastering and stucco work	4	280	-------	-------	50	230	4	-------	-------	5	2,100
19	Plumbing, and gas and steam fitting	3	13,700	1,500	1,500	2,220	8,480	6	-------	-------	14	7,389
20	Printing and publishing, book and job	4	2,275	-------	-------	1,500	775	5	-------	-------	3	535
21	Printing and publishing, newspapers and periodicals.	7	35,061	2,000	500	20,291	12,270	6	7	5,950	31	11,784
22	Saddlery and harness	5	28,275	1,000	1,800	9,025	16,450	4	3	2,450	26	10,734
23	Tinsmithing, coppersmithing, and sheet-iron working.	7	6,041	150	275	1,140	4,476	13	1	130	13	5,704
24	Tobacco, cigars and cigarettes	13	21,057	4,900	5,400	502	10,255	13	-------	-------	18	8,324
25	Watch, clock, and jewelry repairing	5	2,300	425	450	725	700	6	-------	-------	1	720
26	All other industries[1]	53	1,904,731	113,950	249,230	680,653	860,898	48	50	54,448	1,440	441,372

[1] Embraces baskets, and rattan and willow ware, 1; bottling, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brick and tile, 2; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 2; clothing, men's, factory product, 2; confectionery, 2; cooperage, 2; corsets, 2; cotton waste, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; fertilizers, 1; flavoring extracts, 1; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; glue, 1; hosiery and

SOUTH BEND.

1	All industries	302	$18,156,638	$2,405,343	$3,390,258	$1,858,555	$10,502,482	330	539	$577,520	8,257	$3,409,637
2	Agricultural implements	6	1,775,722	154,100	343,700	268,900	1,009,022	1	123	131,056	1,382	669,380
3	Bicycle and tricycle repairing	10	17,250	-------	-------	2,800	14,450	14	-------	-------	14	6,720
4	Blacksmithing and wheelwrighting	13	8,862	2,175	3,550	1,735	1,402	13	-------	-------	18	10,899
5	Boots and shoes, custom work and repairing.	14	2,730	50	340	950	1,390	12	-------	-------	9	3,488
6	Bottling	6	8,005	700	1,900	1,375	4,030	4	1	1,364	10	4,748
7	Bread and other bakery products	12	45,370	13,600	15,850	9,400	6,520	12	-------	-------	39	15,335
8	Brick and tile	3	34,000	10,500	1,700	6,500	15,300	4	1	600	36	17,100
9	Carpentering	10	11,540	2,500	2,500	1,090	5,450	12	-------	-------	44	26,700
10	Carriages and wagons	10	11,914,140	1,792,793	2,402,053	529,288	7,190,026	16	166	200,598	2,251	972,548
11	Clothing, men's, custom work and repairing.	15	17,860	100	400	1,340	16,020	18	1	1,200	42	25,051
12	Confectionery	6	8,825	-------	700	4,600	3,525	8	-------	-------	19	6,976
13	Dyeing and cleaning	3	1,450	-------	-------	900	550	5	-------	-------	1	620
14	Electrical construction and repairs	3	9,425	-------	-------	375	9,050	2	1	1,200	11	5,420
15	Flouring and grist mill products	3	136,300	78,000	20,000	24,000	14,300	3	3	2,000	14	6,756
16	Foundry and machine shop products	10	454,669	31,500	101,226	81,851	240,592	9	27	19,244	302	132,994
17	Furniture, cabinetmaking, repairing, and upholstering.	6	7,495	5,000	300	1,270	925	7	-------	-------	2	1,050
18	Lumber, planing mill products, including sash, doors, and blinds.	7	142,525	22,200	21,000	80,900	68,425	10	14	12,350	89	37,400
19	Masonry, brick and stone	7	38,750	9,100	7,600	6,275	15,775	9	4	1,800	166	68,903
20	Millinery, custom work	18	42,600	4,800	3,000	4,055	30,745	22	6	2,988	52	15,182
21	Painting, house, sign, etc	13	46,800	4,250	4,050	3,425	35,075	17	2	980	75	37,370

BY SPECIFIED INDUSTRIES: 1900—Continued.

MUNCIE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
6	$3,658					$786	$226	$60	$500		$151,930	$151,930		$172,128	32
16	9,326					1,133	760	53	320		14,350	14,195	$155	31,570	33
18	9,645	2	$350			5,786	429	35	5,322		7,938	7,938		30,031	34
5	3,225					1,230	1,120	5	105		1,275	1,275		10,870	35
1,052	428,056	96	21,623	3	$604	124,112	1,028	7,170	115,919		1,091,798	1,055,878	35,920	2,051,781	36

products, including sash, doors, and blinds, 2; mantels, slate, marble, and marbleized, 1; models and patterns, 1; monuments and tombstones, 2; paper and wood pulp, 2; patent medicines and compounds, 2; plated and britannia ware, 2; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; stationery goods, not elsewhere specified, 1; vinegar and cider, 1; washing machines and clothes wringers, 2; wood, turned and carved, 1.

NEW ALBANY.

1,796	$732,515	596	$105,871	88	$5,294	$231,771	$16,860	$17,289	$180,207	$17,415	$2,864,188	$2,252,628	$111,510	$4,179,490	1
3	988					290	228		62		1,365	1,289	76	3,740	2
7	3,007					369	222	132	15		2,744	2,550	194	9,475	3
7	2,775			1	260	709	498	62	149		3,706	3,648	58	11,420	4
27	8,566					2,398	468	583	1,397		35,192	33,808	1,384	61,744	5
59	33,183	3	624			18,794	408	195	1,691	16,500	59,814	59,723	91	153,351	6
9	5,462					562	240	112	210		4,379	4,071	308	22,040	7
38	13,940	24	3,471	1	100	3,311	1,142	444	1,725		33,928	33,754	174	70,098	8
		25	3,875	1	55	524	498		26		5,839	5,745	94	14,720	9
364	151,781					87,269	1,730	1,949	33,590		254,391	244,005	10,386	545,052	10
136	51,540	1	260			7,039	960	986	5,093		87,596	86,758	838	183,000	11
104	44,100					9,809	1,000	1,459	7,350		308,217	300,159	8,058	382,930	12
19	8,074					34,753	540	1,855	32,358		19,965	16,818	3,147	38,246	13
9	6,316					10			10		10,675	10,675		20,460	14
		14	2,523			2,563	1,844	85	684		19,542	19,357	185	31,900	15
10	6,100					456	48	183	225		9,259	9,200	59	30,300	16
16	7,888			1	130	683	350	36	297		6,664	6,633	31	22,085	17
5	2,100					15			15		2,419	2,419		6,625	18
14	7,389					612	174	138	300		14,962	14,850	112	31,750	19
2	460			1	75	482	222	15	245		1,937	1,878	59	5,645	20
24	10,050	7	1,734			4,085	966	225	2,194	700	6,848	6,321	527	45,272	21
26	10,734					1,539	572	180	787		11,134	10,743	391	27,778	22
13	5,704					1,296	782	58	506		13,971	13,785	186	29,764	23
15	8,070			8	254	5,597	1,026	266	4,290	15	11,320	11,152	168	39,743	24
1	720					790	612	36	142		1,318	1,273	45	6,074	25
888	343,568	522	93,384	30	4,420	97,816	2,380	8,390	86,846	200	1,441,953	1,352,014	89,939	2,336,278	26

knit goods, 1; ice, artificial, 2; iron and steel, 2; looking-glass and picture frames, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; mattresses and spring beds, 1; mineral and soda waters, 1; photography, 2; pottery, terra cotta, and fire-clay products, 2; pumps, not including steam pumps, 1; shoddy, 1; tobacco, chewing, smoking, and snuff, 1; wood, turned and carved, 1; woolen goods, 1.

SOUTH BEND.

6,926	$3,043,233	1,120	$332,670	211	$33,734	$950,093	$96,656	$82,023	$762,454	$8,960	$7,510,806	$7,335,302	$175,504	$14,236,331	1
1,358	663,327	24	6,053			287,817	175	22,720	264,922		1,039,339	974,640	64,699	2,432,083	2
13	6,620			1	100	3,451	2,398	267	786		23,221	23,003	218	41,740	3
18	10,899					1,169	772	116	281		7,156	6,712	444	33,620	4
9	3,488					1,271	1,179	38	54		5,293	5,144	149	16,990	5
10	4,748					1,197	764	184	249		37,783	37,633	100	55,500	6
26	12,728	13	2,607			2,354	1,464	292	598		63,336	61,523	2,313	105,485	7
36	17,100					2,320	1,400	220	700		9,117	417	8,700	38,250	8
43	26,540			1	160	485	90	104	291		105,839	105,759	80	156,509	9
2,229	965,282	22	7,266			224,088	1,516	30,511	192,031		1,626,768	1,588,900	37,858	3,491,052	10
40	24,495	2	556			4,163	3,304	202	657		23,654	23,119	535	75,086	11
12	5,584	7	1,892			3,090	2,537	95	458		26,350	25,767	583	50,990	12
1	620					676	525	22	129		673	438	235	4,120	13
10	5,300			1	120	1,143	780	53	310		18,418	18,396	22	32,268	14
14	6,756					6,207	100	1,012	5,095		288,865	288,685	180	271,497	15
302	132,994					29,554	15,920	2,937	8,897	1,800	1,193,281	1,182,456	10,825	1,531,754	16
2	1,050					648	440	76	132		5,035	4,977	58	9,975	17
89	37,400					6,617	1,305	1,080	2,732	1,500	141,490	140,740	750	241,500	18
166	68,903					3,426	140	381	1,405	1,500	105,267	105,159	108	208,370	19
1	720	51	14,462			11,759	6,375	621	4,763		86,944	86,048	896	146,587	20
75	37,370					8,599	2,455	278	866		39,059	38,655	404	108,613	21

SOUTH BEND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Paper and wood pulp	3	$118,804	$26,200	$22,000	$40,610	$29,994	3	9	$13,636	71	$23,420
23	Patent medicines and compounds	9	73,672	2,425	9,150	4,625	57,572	4	41	21,496	61	25,320
24	Paving and paving materials	4	5,650	500	50	500	4,600	6			30	9,439
25	Photography	4	9,500	2,500	2,500	3,400	1,200	5			10	4,320
26	Plumbing, and gas and steam fitting	8	54,680			3,630	51,050	9	2	1,045	49	30,155
27	Printing and publishing, book and job	7	30,800	500	1,000	21,750	7,550	9	2	1,561	39	15,378
28	Printing and publishing, newspapers and periodicals.	5	99,900	16,000	10,800	56,200	17,400	6	17	16,800	70	34,757
29	Saddlery and harness	6	28,305	8,000	6,000	1,655	12,650	7			17	7,385
30	Shirts	3	229,900	8,000	40,000	10,800	176,100	1	11	10,180	616	216,244
31	Tinsmithing, coppersmithing, and sheet-iron working.	14	31,981	3,050	8,810	6,291	13,830	19	3	2,709	30	15,041
32	Tobacco, cigars and cigarettes	12	94,387	1,850	3,100	8,010	86,427	14	7	11,000	262	78,582
33	Watch, clock, and jewelry repairing	8	10,585	1,500	300	3,085	5,700	8			10	4,795
34	Wood, turned and carved	3	97,844	12,000	21,200	26,300	38,344	1	8	9,400	78	30,295
35	All other industries [1]	41	2,546,212	196,450	335,979	696,290	1,317,493	40	90	114,818	2,338	854,366

[1] Embraces baking and yeast powders, 1; bicycles and tricycles, 1; bluing, 1; bookbinding and blank book making, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brooms and brushes, 1; carriage and wagon materials, 1; clothing, women's, dressmaking, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 2; electrical apparatus and supplies, 1; engraving, steel, including plate printing, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hardware, 2; hosiery and knit goods, 1; ice, artificial, 1; iron and steel, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber and timber

TERRE HAUTE.

1	All industries	429	$8,938,107	$730,715	$1,531,520	$3,046,181	$3,629,691	493	353	$351,127	5,427	$2,298,585
2	Bicycle and tricycle repairing	13	15,725		1,100	5,775	8,850	24	1	200	11	4,854
3	Blacksmithing and wheelwrighting	28	40,195	12,750	11,250	4,670	11,525	34			42	18,116
4	Boots and shoes, custom work and repairing.	16	7,760	3,800	2,000	1,615	345	16			6	2,413
5	Bread and other bakery products	8	158,000	4,500	2,900	120,088	30,512	7	20	12,180	64	25,542
6	Brick and tile	6	78,922	26,000	25,500	9,122	18,300	18	3	3,000	65	20,812
7	Brooms and brushes	3	3,650	1,000	1,200	750	700	4			6	2,704
8	Carpentering	52	126,755	28,375	51,395	3,770	43,215	60	2	1,275	192	33,967
9	Carriages and wagons	6	88,475	18,000	29,000	7,175	34,300	5	5	3,948	80	37,072
10	Clothing, men's, custom work and repairing.	15	35,175	600	1,000	700	32,875	20	5	3,450	82	38,454
11	Clothing, men's, factory product	4	356,766	12,500	27,500	23,000	293,766	6	34	34,800	790	187,400
12	Clothing, women's, dressmaking	10	2,600			950	1,650	10			30	6,147
13	Confectionery	10	81,725	14,950	16,125	17,800	32,850	15	8	7,676	66	16,687
14	Cooperage	5	30,760	5,755	9,000	3,655	12,350	6	3	2,000	74	25,176
15	Dyeing and cleaning	3	1,825			1,115	710	3			6	2,435
16	Flouring and grist mill products	7	1,018,873	102,500	211,250	406,400	298,723	7	11	10,516	125	61,180
17	Foundry and machine shop products	12	299,168	25,700	51,800	56,231	165,437	10	22	24,118	207	96,605
18	Furniture, cabinetmaking, repairing, and upholstering.	6	2,580			380	2,200	8			8	2,600
19	Liquors, distilled	3	944,000	66,500	160,000	401,000	316,500		19	41,172	139	65,415
20	Masonry, brick and stone	14	34,085	7,225	9,250	1,860	15,750	18			57	34,910
21	Millinery, custom work	14	42,790	5,000	3,000	1,240	33,550	18			59	15,856
22	Mineral and soda waters	4	14,060	4,360	4,800	2,400	2,500	3	2	1,560	7	3,436
23	Painting, house, sign, etc	21	17,125	4,800	8,750	1,225	2,350	25			35	15,502
24	Paper hanging	10	16,505	5,000	6,000	845	4,660	11	1	1,200	26	15,520
25	Patent medicines and compounds	3	6,050			1,950	4,100	6			11	3,420
26	Photography	10	8,340		200	5,465	2,675	11	1	900	10	4,455
27	Plastering and stuccowork	13	12,220	5,500	4,600	995	1,125	18			39	24,200
28	Plumbing, and gas and steam fitting	3	43,100	15,000	10,000	4,100	14,000	5	2	2,000	35	24,140
29	Printing and publishing, book and job	9	54,960	400	600	34,200	19,760	11	19	7,900	85	32,301
30	Printing and publishing, newspapers and periodicals.	6	103,950	4,400	8,000	39,500	52,050	3	26	22,350	72	41,159
31	Saddlery and harness	3	18,725	700	1,600	775	15,650	3			14	6,150
32	Slaughtering and meat packing, wholesale.	3	43,100	3,600	3,200	6,800	29,500	2	2	960	19	6,500
33	Tinsmithing, coppersmithing, and sheet-iron working.	19	33,630	5,800	4,250	7,375	16,705	18	12	6,113	59	33,647
34	Tobacco, cigars and cigarettes	20	28,766	5,950	11,900	455	10,461	22	1	675	34	14,042
35	Watch, clock, and jewelry repairing	12	4,520			2,150	2,370	12			13	9,360
36	All other industries [1]	58	5,163,227	340,550	854,350	1,870,650	2,097,677	59	154	163,234	2,859	1,316,958

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; bottling, 1; boxes, cigar, 1; brass castings and brass finishing, 1; bridges, 1; carpets, rag, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 1; flavoring extracts, 1; food preparations, 1; furniture, factory product, 1; gas, illuminating and heating, 1; gas machines and meters, 1; grease

BY SPECIFIED INDUSTRIES: 1900—Continued.

SOUTH BEND—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
55	$20,854	16	$2,566			$3,159	$1,000	$589	$1,620		$104,050	$98,450	$5,600	$176,250	22
23	10,410	38	14,910			87,125	1,556	484	85,085		23,358	22,683	675	184,047	23
30	9,439					287	200	5	82		26,275	26,275		47,286	24
8	3,942	2	378			1,379	816	182	381		4,468	4,225	233	20,700	25
49	30,155					6,757	1,788	186	2,383	$2,400	96,377	96,026	351	157,668	26
26	13,159	11	2,407	2	$312	3,423	2,043	269	1,111		19,315	18,422	893	55,561	27
53	30,378	8	3,100	9	1,279	5,413	984	971	1,942	1,516	33,219	32,108	1,111	103,176	28
17	7,385					2,645	1,450	384	811		24,162	23,987	175	48,061	29
57	20,204	559	196,040			4,241	179	1,002	3,060		254,526	253,475	1,051	555,500	30
30	15,041					3,664	1,980	439	1,245		33,928	33,231	697	81,000	31
94	46,848	142	23,532	26	3,202	64,121	2,451	666	61,004		116,610	115,985	625	292,829	32
10	4,795					3,774	2,850	147	777		3,995	3,540	455	19,702	33
78	30,295					5,280		800	4,480		42,694	40,490	2,204	102,500	34
1,942	768,404	225	57,401	171	28,561	163,791	35,720	14,710	113,117	244	1,930,511	1,898,234	32,277	3,837,062	35

products, 1; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; oil, linseed, 1; optical goods, 1; printing materials, 1; roofing and roofing materials, 2; sewing machine cases, 1; stationery goods, not elsewhere specified, 1; toys and games, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

TERRE HAUTE.

4,344	$2,044,323	1,067	$252,081	16	$2,181	$15,358,415	$62,749	$47,734	$15,088,687	$159,245	$8,029,285	$7,798,189	$231,096	$27,784,619	1
11	4,854					4,167	2,854	152	1,161		19,988	19,375	563	41,840	2
40	17,856			2	260	3,125	1,912	514	599	100	22,344	20,980	1,364	69,070	3
5	2,100	1	313			1,196	1,095	61	40		3,943	3,786	157	13,365	4
46	21,836	18	2,756	5	950	34,857	2,314	700	31,843		113,672	110,420	3,252	226,027	5
63	19,962			2	350	2,209	350	451	1,408		10,499	2,124	8,375	49,750	6
6	2,704					197	136	39	22		5,230	5,210	20	10,400	7
192	83,967					94,599	1,020	1,636	1,248	90,695	184,875	184,538	337	427,765	8
78	36,500	2	572			5,433	1,650	850	2,933		63,161	61,845	1,316	135,790	9
65	34,964	17	3,490			5,421	3,935	292	1,194		47,011	46,399	612	122,530	10
30	14,400	760	173,000			12,739	4,700	2,139	5,900		535,802	530,272	5,530	826,000	11
		30	6,147			1,567	1,522	21	24		1,388	1,195	193	13,600	12
37	11,946	29	4,691			7,179	3,250	1,079	2,850		40,149	38,834	1,315	94,017	13
74	25,176					1,341		466	875		83,059	82,034	1,025	122,028	14
4	1,880	2	555			1,071	876	50	145		1,001	870	131	6,900	15
118	59,110	7	2,070			14,857	1,380	4,519	8,958		1,175,690	1,164,214	11,476	1,363,338	16
206	96,305	1	300			18,598	1,302	2,627	14,669		182,024	177,068	4,956	404,128	17
8	2,600					796	660	35	101		8,931	8,853	78	16,440	18
139	65,415					14,271,828		4,661	14,253,492	13,675	1,377,356	1,318,133	59,223	16,041,747	19
57	34,910					3,979	324	500	155	3,000	45,605	45,390	215	98,650	20
		58	15,799	1	57	8,738	6,892	367	1,529		68,520	68,258	262	98,586	21
6	3,036	1	400			822	36	221	565		4,314	4,042	272	14,950	22
34	15,202	1	300			1,769	1,294	297	178		15,648	15,561	87	46,375	23
26	15,520					2,525	1,977	361	187		31,641	31,541	100	62,350	24
5	2,200	6	1,220			1,922	710	62	1,150		8,423	8,145	278	18,000	25
7	3,895	3	560			2,794	2,242	113	439		9,162	8,952	210	32,000	26
39	24,200					578	120	232	226		30,380	30,360	20	70,225	27
34	23,900	1	240			2,285	660	260	1,365		55,815	55,440	375	100,350	28
66	28,701	19	3,600			7,601	2,684	495	2,797	1,625	34,188	32,307	1,831	114,660	29
57	33,071	15	8,088			67,152	2,260	974	13,918	50,000	29,551	27,205	2,346	189,579	30
14	6,150					1,247	840	132	275		12,390	12,290	100	25,000	31
19	6,500					3,930	1,320	850	1,760		184,269	182,994	1,275	212,962	32
59	33,647					5,011	2,161	458	2,242	150	54,627	53,796	831	135,450	33
29	13,554	1	100	4	388	10,468	1,724	340	8,404		26,907	26,597	310	71,465	34
12	9,110	1	250			3,165	2,567	108	490		5,702	5,555	147	24,870	35
2,758	1,289,152	99	27,630	2	176	763,199	5,982	21,672	725,545		3,636,120	3,413,606	122,514	6,484,412	36

and tallow, 1; hairwork, 1; ice, artificial, 1; iron and steel, 2; ironwork, architectural and ornamental, 1; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; lumber and timber products, 2; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2; mattresses and spring beds, 1; monuments and tombstones, 2; paving and paving materials, 1; pumps, not including steam pumps, 1; roofing and roofing materials, 1; scales and balances, 2; shirts, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 2; trunks and valises, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	5,429	$99,143,125	$5,795,293	$15,886,733	$28,793,376	$48,667,723	5,997	4,405	$4,044,133	61,168	$27,318,858
2	Alexandria	95	3,062,182	144,090	1,112,380	1,110,620	695,092	98	40	86,719	1,903	998,815
3	Angola	88	201,548	11,700	22,500	80,075	87,273	42	8	4,372	141	47,300
4	Attica	46	389,945	25,915	50,816	55,208	257,976	54	56	36,604	313	94,550
5	Auburn	59	620,612	34,051	85,169	83,842	417,550	66	50	50,435	470	193,080
6	Aurora	59	515,494	19,260	53,173	164,786	278,275	55	39	31,755	515	172,542
7	Bedford	55	438,793	73,850	103,371	110,550	151,022	62	13	13,503	315	154,771
8	Bloomington	58	317,937	44,900	49,800	93,600	129,637	67	14	12,170	391	123,949
9	Bluffton	91	416,482	31,100	48,800	86,458	250,074	84	43	24,126	461	175,829
10	Brazil	124	1,469,188	161,230	222,375	628,830	456,748	138	46	36,687	809	375,614
11	Brookville	40	155,082	11,700	33,800	54,560	55,522	47	17	9,960	199	71,294
12	Butler	25	170,911	8,650	31,578	36,667	94,016	27	20	10,362	175	51,925
13	Cannelton	26	509,822	18,000	84,700	219,733	187,389	25	9	12,900	410	95,672
14	Columbia City	60	340,995	28,200	51,500	105,450	155,755	56	16	12,704	254	109,318
15	Columbus	94	2,637,825	99,208	253,339	349,059	1,936,219	116	155	116,356	1,347	522,427
16	Connersville	68	1,880,511	77,860	270,525	321,431	1,210,705	68	105	94,505	1,455	589,095
17	Crawfordsville	71	402,497	42,300	58,918	143,925	157,354	78	38	29,668	318	133,502
18	Decatur	83	389,040	68,200	50,400	80,400	190,040	107	20	15,898	341	128,181
19	Delphi	54	234,026	16,400	38,775	111,810	67,041	65	8	3,589	183	76,889
20	East Chicago	17	2,768,122	246,339	414,648	1,241,035	866,100	9	63	85,405	1,448	627,855
21	Edinburg	20	160,503	13,300	25,000	19,345	102,858	32	2	1,500	117	41,920
22	Elkhart	142	2,901,541	166,350	547,236	828,307	1,359,648	147	222	167,601	2,324	1,097,741
23	Elwood	135	4,513,128	204,762	788,808	1,831,880	1,687,678	146	107	114,330	2,958	1,781,752
24	Fairmount	37	272,528	18,565	120,207	44,020	89,736	44	11	11,966	649	343,572
25	Frankfort	86	544,645	49,485	105,490	154,468	235,202	97	67	43,208	672	292,349
26	Franklin	67	236,700	26,400	42,682	75,658	91,960	76	15	9,328	129	56,188
27	Garrett	28	229,083	9,210	89,450	62,183	68,240	32	32	22,712	354	184,066
28	Gas City	36	1,606,938	64,582	270,245	431,804	840,307	29	68	72,578	1,427	840,747
29	Goshen	133	1,596,928	98,173	306,121	422,412	770,222	145	149	106,436	1,112	412,752
30	Greencastle	68	199,694	17,810	31,390	80,270	70,224	89	12	3,943	145	58,087
31	Greenfield	59	402,986	30,750	90,850	113,856	167,480	63	53	25,454	383	195,512
32	Greensburg	76	353,430	30,430	64,550	76,911	181,539	99	29	21,984	324	123,982
33	Hammond	52	6,326,907	333,850	1,053,497	1,790,384	3,149,176	49	291	331,388	2,738	1,265,521
34	Hartford City	100	1,079,461	56,000	338,270	300,164	385,027	124	49	47,490	950	573,227
35	Huntingburg	51	171,854	19,580	44,160	32,400	75,714	51	15	6,583	173	64,329
36	Huntington	99	956,803	118,152	173,477	202,764	462,410	113	74	45,844	1,238	521,251
37	Jasper	42	162,323	20,900	37,146	21,575	82,702	50	8	3,010	202	80,124
38	Jeffersonville	78	2,695,007	167,218	418,215	422,854	1,686,720	87	78	121,410	1,802	877,275
39	Kendallville	39	753,180	18,974	83,850	87,227	563,129	50	29	25,165	407	150,511
40	Kokomo	136	2,533,909	165,886	607,024	1,019,368	741,031	133	134	101,949	1,747	707,688
41	Lafayette	234	8,061,476	211,025	496,809	1,115,464	1,238,178	234	816	276,644	1,756	767,079
42	Laporte	96	2,849,165	214,385	301,300	479,873	1,853,607	106	115	117,289	989	379,097
43	Lawrenceburg	51	1,047,246	44,630	122,400	162,615	717,601	59	48	53,635	674	287,888
44	Lebanon	66	258,720	27,903	48,675	68,842	113,300	91	12	6,542	291	105,958
45	Logansport	170	1,969,078	226,110	870,575	520,041	852,317	200	78	64,674	1,627	730,494
46	Madison	111	1,553,444	60,170	284,507	447,337	761,430	112	74	63,362	1,011	346,832
47	Marion	163	3,587,672	241,115	759,364	909,802	1,677,391	184	190	160,149	3,109	1,475,371
48	Michigan City	82	4,242,355	105,683	443,622	636,910	3,056,140	81	91	104,119	2,930	1,045,245
49	Middletown	28	430,087	12,650	47,576	227,243	142,618	23	7	5,733	267	185,482
50	Mishawaka	56	3,942,030	171,318	388,144	476,367	2,906,201	50	166	260,754	1,761	843,922
51	Montpelier	60	196,862	57,950	60,000	33,620	45,292	75	5	2,900	238	123,080
52	Mt. Vernon	86	713,217	121,661	150,875	190,232	250,449	103	22	15,112	362	147,567
53	New Castle	54	363,190	22,775	50,022	81,551	208,842	66	25	21,878	268	90,589
54	Noblesville	56	1,016,790	91,280	203,534	315,883	406,093	69	28	33,180	593	242,055
55	Peru	103	1,147,288	95,570	224,150	271,166	556,402	118	67	49,589	1,271	470,919
56	Plymouth	62	387,146	18,175	105,031	126,579	137,361	63	26	17,325	300	112,444
57	Portland	72	218,310	29,075	27,475	64,015	97,745	84	9	8,820	398	137,946
58	Princeton	87	605,351	66,390	109,242	146,112	283,607	105	19	13,294	469	207,789
59	Richmond	195	5,175,446	388,155	627,113	777,225	3,387,953	189	356	327,920	2,991	1,306,921
60	Rockport	45	674,246	49,715	136,900	201,517	286,114	59	17	14,191	211	71,676
61	Rushville	91	581,736	34,250	93,150	130,393	273,943	117	23	13,505	405	168,849
62	Seymour	81	871,746	53,346	106,300	220,336	491,764	91	34	31,437	671	234,360
63	Shelbyville	122	902,725	45,646	114,930	193,951	548,198	148	43	40,101	829	335,744
64	Sheridan	33	109,111	10,335	19,750	41,100	37,926	36	8	5,476	109	67,248
65	Tell City	46	466,979	31,810	93,806	91,330	250,033	38	24	14,310	585	188,005
66	Tipton	56	203,087	24,650	28,750	41,460	108,227	71	6	5,700	277	109,605
67	Troy	10	104,220	6,900	21,000	15,655	60,665	12	2	1,080	95	19,016
68	Union City	53	232,807	18,100	51,400	46,620	116,687	47	14	12,700	164	71,069
69	Valparaiso	66	189,610	31,925	38,855	61,982	56,848	72	17	14,253	306	92,014
70	Vincennes	109	1,552,386	94,311	456,341	508,300	493,434	105	75	58,845	970	388,865
71	Wabash	109	2,430,502	128,294	497,991	680,395	1,123,822	121	87	83,793	1,241	589,356
72	Warsaw	75	351,872	46,450	51,909	118,429	135,084	88	17	11,221	244	110,822
73	Washington	57	437,177	46,910	160,280	132,837	97,150	55	20	18,165	621	314,742
74	Whiting	6	12,701,598	178,191	920,622	6,162,305	5,440,480	5	159	159,772	1,886	1,144,113

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
53,166	$25,679,582	6,479	$1,376,582	1,523	$262,694	$6,569,569	$505,310	$514,900	$5,380,943	$168,416	$97,666,444	$95,433,693	$2,232,751	$157,405,121	1
1,700	952,050	84	16,715	119	25,050	139,082	6,719	13,887	118,476	----------	1,237,069	1,190,979	46,090	2,929,596	2
129	44,833	9	2,035	3	482	12,309	2,108	1,206	8,935	60	268,280	263,443	4,837	420,937	3
200	74,499	113	20,051	----------	----------	416,719	3,778	3,465	409,302	174	250,291	247,083	3,208	955,478	4
444	187,226	25	5,754	1	100	37,988	3,295	3,270	28,763	2,660	655,775	648,498	7,277	1,152,250	5
427	154,895	81	16,807	7	840	32,920	3,212	3,391	24,309	2,008	481,483	474,193	7,290	877,139	6
292	150,358	21	4,118	2	295	28,382	6,126	4,169	18,087	----------	275,609	267,010	8,599	566,185	7
374	119,978	14	3,697	3	274	21,611	4,764	4,836	12,011	----------	405,636	400,153	5,483	714,338	8
372	157,080	87	18,340	2	459	49,299	8,662	3,910	34,727	2,000	525,428	516,948	8,480	973,993	9
759	365,649	35	7,422	15	2,543	62,593	7,292	4,841	36,565	13,895	1,077,795	1,018,657	59,138	1,815,474	10
185	68,294	11	2,692	3	308	14,488	1,829	1,104	11,555	----------	173,049	168,322	4,727	317,968	11
146	47,449	23	3,770	6	706	12,089	789	1,011	10,189	100	194,511	191,406	3,105	327,600	12
151	49,508	245	44,664	14	1,500	18,859	663	5,774	12,422	----------	189,758	182,299	7,459	375,592	13
205	97,316	43	11,297	6	700	30,112	4,657	3,343	21,744	368	486,937	478,277	8,660	743,007	14
1,279	510,321	59	10,889	9	1,217	194,312	9,653	11,821	167,563	5,275	1,595,644	1,577,749	17,895	2,933,662	15
1,393	575,427	43	10,782	19	2,886	158,537	6,673	10,288	136,576	----------	1,485,962	1,451,261	34,701	2,598,420	16
274	122,568	42	10,634	2	300	48,765	9,277	3,089	31,399	----------	343,241	334,706	8,535	735,536	17
292	121,231	44	6,392	5	558	32,386	5,985	2,637	19,364	4,400	320,002	311,577	8,425	656,430	18
157	72,021	23	4,409	3	459	12,856	4,463	1,396	6,997	----------	164,116	153,438	10,678	326,876	19
1,441	626,805	----------	----------	7	1,050	92,211	1,895	5,547	85,269	----------	1,723,381	1,608,521	114,860	3,055,689	20
109	40,445	6	1,325	2	150	6,404	1,128	1,232	3,994	50	66,648	64,900	1,748	160,720	21
2,037	1,014,789	278	81,509	9	1,443	468,438	28,755	13,979	420,056	5,648	2,065,031	2,005,014	60,017	4,283,746	22
2,574	1,686,133	176	44,582	208	51,037	175,187	12,009	23,886	134,792	4,500	6,999,786	6,862,209	137,577	9,929,311	23
489	326,990	54	10,713	106	5,869	18,517	1,674	2,520	14,323	----------	816,112	809,108	7,004	883,517	24
614	280,173	50	10,775	8	1,401	45,531	13,205	5,230	26,963	133	786,336	770,323	16,013	1,411,736	25
113	52,771	14	3,048	2	369	19,349	4,228	2,941	10,620	1,560	287,626	282,214	5,412	492,687	26
343	181,280	11	2,786	----------	----------	7,906	1,769	1,578	2,359	2,200	373,477	369,564	3,913	628,153	27
1,205	797,537	101	21,964	121	21,246	33,487	1,582	6,727	25,178	----------	1,677,224	1,636,210	42,014	2,959,187	28
908	374,860	194	36,632	10	1,260	162,913	11,642	8,680	142,591	----------	1,475,939	1,458,048	17,891	2,521,242	29
127	53,993	18	4,094	----------	----------	15,887	5,492	1,290	6,290	2,815	216,788	213,658	3,130	395,398	30
299	176,335	51	17,787	33	1,440	31,983	3,828	3,331	24,681	143	357,774	344,273	13,501	761,222	31
278	112,834	39	9,642	7	1,506	52,619	7,551	3,008	42,060	----------	725,562	717,026	8,536	1,107,694	32
2,215	1,138,151	519	126,870	4	500	491,449	6,936	20,738	458,695	5,080	20,277,354	20,186,585	90,769	25,228,536	33
822	545,492	63	16,960	65	10,775	56,324	6,775	5,987	43,412	150	765,340	749,714	15,626	1,747,090	34
165	62,925	4	860	4	544	11,178	1,094	1,662	8,422	----------	282,087	228,262	3,825	378,440	35
1,165	507,873	67	12,088	6	1,290	45,923	9,497	6,982	29,444	----------	1,106,697	1,074,077	32,620	1,922,329	36
193	78,526	7	1,398	2	200	10,412	868	1,622	7,922	----------	142,128	140,340	1,788	297,600	37
1,779	872,404	19	4,235	4	636	143,146	8,578	11,660	122,663	245	2,579,034	2,526,060	52,974	4,099,209	38
387	147,164	18	3,097	2	250	147,333	2,482	2,095	142,756	----------	306,324	298,603	7,721	936,880	39
1,511	672,900	224	33,979	12	809	219,510	12,350	18,110	171,699	17,351	1,308,899	1,224,018	84,881	2,724,859	40
1,388	692,508	361	73,371	7	1,205	286,049	45,815	22,206	198,522	19,506	2,322,364	2,273,847	48,517	4,310,730	41
827	340,592	159	37,980	3	525	127,086	9,586	12,311	105,049	140	1,194,572	1,171,885	22,687	2,247,659	42
624	279,514	30	5,956	20	2,418	90,613	2,300	7,672	80,641	----------	1,632,815	1,612,669	19,646	2,250,034	43
255	99,103	31	6,455	5	400	17,004	5,111	2,707	8,686	500	343,864	335,626	8,238	588,879	44
1,422	688,948	187	38,542	18	3,004	139,006	22,091	15,730	101,275	----------	1,286,651	1,263,380	23,271	2,681,784	45
699	294,392	296	51,280	16	1,160	107,266	9,424	14,072	83,770	----------	1,176,754	1,153,298	23,456	2,145,838	46
2,513	1,336,971	306	71,427	290	66,973	296,907	22,503	17,083	255,053	2,268	2,487,417	2,390,844	96,573	5,170,435	47
2,430	960,900	367	65,705	133	18,640	267,048	5,589	11,132	205,464	44,863	4,007,823	3,945,206	62,617	6,129,001	48
264	184,898	2	505	1	79	19,733	977	1,536	17,020	200	599,597	597,599	1,998	926,917	49
1,627	803,156	132	40,480	2	286	184,419	3,119	14,706	162,992	3,612	1,474,313	1,451,145	23,168	3,176,773	50
219	119,530	19	3,550	----------	----------	9,611	3,525	1,856	4,230	----------	346,119	342,674	3,445	638,640	51
347	144,577	10	2,434	5	556	31,486	4,459	3,424	19,578	4,025	999,168	987,695	11,473	1,382,349	52
228	84,354	40	6,235	----------	----------	22,959	3,064	1,722	13,626	4,547	285,376	283,949	4,427	533,513	53
566	236,076	26	5,809	1	170	50,885	5,625	5,848	39,012	400	868,981	841,772	27,209	1,426,287	54
1,127	447,292	105	18,688	39	4,939	81,165	10,566	9,417	60,382	800	819,593	795,841	24,252	1,620,889	55
269	107,691	29	4,594	2	159	33,077	3,431	2,279	27,167	200	210,348	202,987	7,361	434,475	56
346	125,921	52	12,025	----------	----------	16,001	3,619	3,386	8,996	----------	261,274	258,068	3,206	592,552	57
435	200,431	23	5,778	11	1,580	40,294	7,752	4,725	21,417	6,400	535,485	527,684	7,801	929,270	58
2,587	1,236,662	398	69,274	6	985	297,605	31,581	39,138	225,436	1,500	2,490,180	2,449,278	40,902	5,282,049	59
193	67,632	17	3,894	1	150	15,371	2,476	2,490	10,405	----------	165,126	154,878	10,248	403,083	60
367	161,244	31	6,719	7	886	37,523	4,030	2,781	30,712	----------	499,242	494,490	4,752	850,360	61
495	200,195	134	28,714	42	5,951	45,268	6,559	7,244	31,335	130	1,089,058	1,076,774	12,284	1,622,408	62
764	321,449	38	10,490	27	3,805	74,981	10,624	4,256	57,926	2,175	871,033	860,880	10,153	1,572,536	63
99	65,777	6	1,042	4	429	4,971	938	928	3,105	----------	99,018	87,314	11,704	241,567	64
440	162,270	138	24,783	7	952	51,808	779	4,910	46,119	----------	320,078	314,157	5,921	711,849	65
212	97,535	53	10,510	12	1,560	12,672	3,620	2,481	6,536	35	357,678	352,130	5,548	594,161	66
38	13,320	55	5,546	2	150	5,582	246	810	4,426	100	84,592	83,405	1,187	123,328	67
141	65,555	19	5,024	4	490	16,022	3,425	1,886	10,761	----------	237,692	234,547	3,145	443,847	68
149	59,836	154	31,662	3	516	14,991	4,493	2,131	8,367	----------	182,668	177,398	5,270	399,496	69
825	354,675	131	31,576	14	2,614	130,690	9,504	11,869	109,317	----------	1,098,676	1,054,217	44,459	2,282,384	70
1,117	555,206	124	34,149	----------	----------	80,310	11,922	12,703	49,685	6,000	1,206,726	1,151,854	54,872	2,225,990	71
179	98,478	57	10,834	8	1,510	22,479	8,150	2,001	12,128	200	335,935	331,435	4,500	610,465	72
598	310,584	21	3,958	2	200	18,650	4,950	4,372	9,328	----------	433,101	421,316	11,785	885,092	73
1,823	1,141,282	13	2,881	----------	----------	350,933	724	30,895	319,314	----------	13,420,494	12,810,225	610,269	16,674,285	74

Twelfth Census of the United States.

CENSUS BULLETIN.

No. 144. WASHINGTON, D. C. February 27, 1902.

MANUFACTURES.

VIRGINIA.

Hon. WILLIAM R. MERRIAM,
Director of the Census.

SIR: I transmit herewith, for publication in bulletin form, the statistics of manufacturing and mechanical industries for the state of Virginia for the census year 1900, taken in accordance with the provisions of section 7 of the act of March 3, 1899. This section requires that "The schedules of inquiries relating to the products of manufacturing and mechanical establishments shall embrace the name and location of each establishment; character of organization, whether individual, cooperative, or other form; date of commencement of operations; character of business or kind of goods manufactured; amount of capital invested; number of proprietors, firm members, copartners, or officers, and the amount of their salaries; number of employees, and the amount of their wages; quantity and cost of materials used in manufactures; amount of miscellaneous expenses; quantity and value of products; time in operation during the census year; character and quantity of power used; and character and number of machines employed."

In each of the above particulars the requirements of the law have been observed, but certain of the data thus elicited are reserved for publication in the final volumes.

There were 23 cities and towns in the state withdrawn from the enumerators and their manufacturing statistics collected by special agents, in accordance with the further provision of section 7 of the census act. Wherever the phrase "urban manufactures" is used in this bulletin, it applies only to those cities and towns which were withdrawn from the enumerators and committed to special agents, and only to manufacturing establishments within the corporate limits of such places.

Four cities in Virginia contain a population exceeding 20,000 each: Norfolk, Petersburg, Richmond, and Roanoke. The manufacturing statistics of all these cities are presented by specified industries, and the statistics of Norfolk, Petersburg, and Richmond are presented in comparison with the returns of the Eleventh Census. The statistics of Roanoke were not shown separately in 1890, and comparisons with that year are, therefore, not possible in this case.

The statistics of Virginia are presented in 9 tables: Table 1 showing comparative figures for the state at the several censuses; Table 2 showing all the industries of the state divided between hand trades and the manufactures proper, and also the statistics of a governmental establishment, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500, which three latter classes were not reported at previous censuses; Table 3 showing the statistics of the 10 leading industries of the state for 1890 and 1900; Table 4 showing the totals for the cities of Norfolk, Petersburg, and Richmond at the censuses of 1890 and 1900; Table 5 showing the urban manufactures of the state in comparison with the totals for the entire state and the state exclusive of the cities and towns withdrawn from the enumerators; Table 6 showing the statistics for the state by counties; Table 7 showing the statistics for the state by specified industries; Table 8 showing the statistics for the cities of Norfolk, Petersburg, Richmond, and Roanoke by specified industries; and Table 9 showing the totals for all industries in each of the cities and towns withdrawn from the enumerators (exclusive of those shown in Table 8).

Table 1 shows the growth of manufactures in Virginia for the half century which terminates with the Twelfth Census. The manufacturing statistics of the censuses prior to 1850 were too imperfect and fragmentary in character to make it proper to reproduce them in such a table as a measure of industrial growth in the first half of the century. Owing to changes in the method of taking the census, comparisons between the earlier and later decades, represented in Table 1, should be drawn only in the most general way. Nevertheless, the rate of growth in Virginia manufactures may be fairly inferred from the figures given.

In drafting the schedules of inquiry for the census of

1900 care was taken to preserve the basis of comparison with prior censuses. Comparison may be made safely with respect to all the items of inquiry except those relating to capital, salaried officials, clerks, etc., and their salaries, the average number of employees, and the total amount of wages paid. Live capital, that is, cash on hand, bills receivable, unsettled ledger accounts, raw materials, stock in process of manufacture, finished products on hand, and other sundries, was first called for at the census of 1890. No definite attempt was made, prior to the census of 1890, to secure a return of live capital invested.

Changes were made in the inquiries relating to employees and wages in order to eliminate defects found to exist on the form of inquiry adopted in 1890. At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay, and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was ascertained by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the method of ascertaining the average number of wage-earners during the entire year may have resulted in a variation in the number, and should be considered in making comparisons.

At the census of 1890 the number and salaries of proprietors and firm members actively engaged in the business or in supervision were reported, combined with clerks and other officials. In cases where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900 only the number of proprietors and *firm members* actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class. It is therefore impossible to compare the number and salaries of salaried officials of any character for the two censuses.

Furthermore, the schedules for 1890 included in the wage-earning class, overseers, foremen, and superintendents (*not general superintendents or managers*), while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from the wage-earners, as reported by the present census, many high-salaried employees included in that group for the census of 1890.

In some instances, the number of proprietors and firm members, shown in the accompanying tables, falls short of the number of establishments reported. This is accounted for by the fact that no proprietors or firm members are reported for corporations or cooperative establishments. The number of salaried officials, clerks, etc., is the greatest number reported employed at any one time during the year. For the cotton-ginning industry this number may appear excessive as compared with the amount of salaries paid; but allowance should be made for the fact that a considerable number of clerks are employed for only a part of the year; consequently the amount they receive would be small if reckoned as an annual salary.

The reports show a capital of $103,670,988 invested in manufactures and mechanical industries in the 8,248 establishments reporting for the state of Virginia. This sum represents the value of land, buildings, machinery, tools, and implements, and the live capital utilized, but does not include the capital stock of any of the manufacturing corporations of the state. The value of the products is returned at $132,937,910, to produce which involved an outlay of $3,846,072 for salaries of officials, clerks, etc.; $22,445,720 for wages; $12,264,602 for miscellaneous expenses, including rent, taxes, etc.; and $74,851,757 for materials used, mill supplies, freight, and fuel. It is not to be assumed, however, that the difference between the aggregate of these sums and the value of the products is, in any sense, indicative of the profits in the manufacture of the products during the census year. The census schedule takes no cognizance of the cost of selling manufactured articles, or of interest on capital invested, or of the mercantile losses incurred in the business, or of depreciation in plant. The value of the product given is the value as obtained or fixed at the shop or factory. This statement is necessary in order to avoid erroneous conclusions from the figures presented.

The value of products for the state of Virginia, $132,937,910, is the gross value, and not the net or true value. The difference between these two should be carefully noted. The gross value is found by adding the value of products in the separate establishments. But the finished product of one establishment is often the raw material for another. In such cases the value of the former reappears in the latter, and thus the original cost of certain materials may be included several times in the gross value. The net or true value is found by subtracting from the gross value the value of all materials purchased in a partly manufactured form. In this way the duplications in the gross value are eliminated.

At the census of 1890 the schedule was so framed that it was impossible to find the net or true value. In the present census the schedule asked for the value of the materials in two classes, those purchased in the crude state and those purchased in the partly manufactured form. From the answers to these questions the net or true value of products may be computed. Thus, for Virginia, the gross value of products for 1900 was $132,937,910. The value of materials purchased in a partly manufactured form was $35,704,633. The difference, $97,233,277, is the net or true value of products, and represents the increase in the value of raw materials resulting from the various processes of manufacture.

Very respectfully,

S. N. D. North

Chief Statistician for Manufactures.

VIRGINIA.

Table 1 shows the manufacturing and mechanical industries of Virginia as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	8,248	5,915	5,710	5,933	5,885	4,740	39.4	3.6	[1]3.8	10.2	18.6
Capital	$103,670,988	$63,456,799	$26,968,990	$18,455,400	$26,935,560	$18,109,143	63.4	135.3	46.1	[1]31.5	48.7
Salaried officials, clerks, etc., number	4,198	[2]6,025	(3)	(3)	(3)	(3)	[1]30.3				
Salaries	$3,846,072	[2]$3,827,920	(3)	(3)	(3)	(3)	0.5				
Wage-earners, average number	72,702	53,566	40,184	26,974	36,174	29,110	35.7	33.3	49.0	[1]25.4	24.3
Total wages	$22,445,720	$15,816,930	$7,425,261	$5,343,099	$8,544,117	$5,434,476	41.9	113.0	39.0	[1]37.5	57.2
Men, 16 years and over	56,341	40,664	28,779	22,175	32,606	25,790	38.6	41.3	29.8	[1]32.0	26.4
Wages	$20,038,339	$14,019,080	(3)	(3)	(3)	(3)	42.9				
Women, 16 years and over	12,197	9,655	6,144	2,259	3,568	3,320	26.3	57.1	172.0	[1]36.7	7.5
Wages	$1,963,999	$1,518,409	(3)	(3)	(3)	(3)	29.3				
Children, under 16 years	4,164	3,247	5,261	2,540	(3)	(3)	28.2	[1]38.3	107.1		
Wages	$443,382	$279,441	(3)	(3)	(3)	(3)	58.7				
Miscellaneous expenses	$12,264,602	$7,421,087	(4)	(4)	(4)	(4)	65.3				
Cost of materials used	$74,851,757	$50,148,285	$32,883,933	$23,832,384	$30,840,531	$18,101,181	49.3	52.5	38.0	[1]22.7	70.4
Value of products, including custom work and repairing	$132,937,910	$88,363,824	$51,780,992	$38,364,322	$50,652,124	$29,602,507	50.4	70.6	35.0	[1]24.3	71.1
Total population	1,854,184	1,655,980	1,512,565	1,225,163	1,596,318	1,421,661	12.0	9.5	23.5	[1]23.3	12.3
Wage-earners engaged in manufactures	72,702	53,566	40,184	26,974	36,174	29,110	35.7	33.3	49.0	[1]25.4	24.3
Per cent of total population	3.9	3.2	2.7	2.2	2.3	2.0					
Assessed value of real estate	[5]$316,563,279	$272,311,276	$233,601,599	$279,116,017	$417,952,228	$252,105,824	16.3	16.6	[1]16.3	[1]33.2	65.8
Value of land and buildings invested in manufactures [6]	$29,909,582	$16,614,283	(3)	(3)	(3)	(3)	80.0				
Per cent of assessed value	9.4	6.1									

[1] Decrease.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Although Virginia is an agricultural state, Table 1 shows that there has been a considerable growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 1,421,661 to 1,854,184, or 30.4 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 29,110 to 72,702, or 149.7 per cent, embracing, in 1900, 3.9 per cent of the entire population, compared with 2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 100,033, or 5.4 per cent of the total population of the state. Measured by the value of products, the greatest percentage of increase, 71.1, was during the decade ending with 1860, although the greatest absolute increase, $44,574,086, was between the years 1890 and 1900. The decrease shown for the decade, 1860 to 1870, is due in part to the setting off of West Virginia from Virginia, December 31, 1862.

The iron mines, forests, and tobacco and cotton fields of the state of Virginia furnish abundant raw materials for manufactures. Its waterpower is extensive, and has been developed largely at Fredericksburg and at Petersburg, and more especially at Richmond, where a 5,000-horsepower plant was erected recently. The best of steam coal is found in large quantities in the Pocahontas field in the western part of the state, while the Potomac, Rappahannock, James, and York rivers, navigable for 352 miles, together with the 70 miles of sheltered coast line along Chesapeake Bay, afford facilities for the cheap shipment of products to domestic and foreign markets. Manufactures during the last decade were greatly stimulated by the development of railways, the mileage having increased from 2,821 miles in 1889 to 3,684 miles in 1899.[1] Industrial education is afforded by the Virginia Agricultural and Mechanical College and Hampton Institute.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] Interstate Commerce Commission, Statistics of Railways, 1889, page 11; and 1899, page 12.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	12,177	$111,035,752	13,552	76,003	$24,157,337	$12,338,124	$75,916,354	$34,182,219	$36,654,262	$5,079,873	$136,358,412
Hand trades[1]	2,623	3,246,850	2,954	6,191	2,346,773	1,259,304	4,879,770	59,919	4,705,231	114,620	11,319,905
Governmental establishment	1	6,380,867		2,094	1,659,214	4,625	764,558		737,498	27,060	2,498,553
Educational, eleemosynary, and penal institutions	6	22,643	1	53	10,917	80	16,866	220	16,188	458	41,630
Establishments with a product of less than $500	3,922	961,254	4,130	1,154	41,486	68,817	283,173	87,230	195,943		880,319
All other establishments	5,625	100,424,138	6,467	66,511	20,098,947	11,005,298	69,971,987	34,034,850	30,999,402	4,937,735	121,618,005

[1] Includes bicycle and tricycle repairing, 63; blacksmithing and wheelwrighting, 889; boots and shoes, custom work and repairing, 283; carpentering, 284; clothing, men's, custom work and repairing, 164; clothing, women's, dressmaking, 128; dyeing and cleaning, 27; furniture, cabinetmaking, repairing, and upholstering, 91; lock and gun smithing, 21; masonry, brick and stone, 56; millinery, custom work, 167; painting, house, sign, etc., 118; paper hanging, 28; plastering and stuccowork, 27; plumbing, and gas and steam fitting, 117; sewing machine repairing, 5; taxidermy, 1; typewriter repairing, 3; watch, clock, and jewelry repairing, 151.

Of the 12,177 establishments of all classes shown in this table, 6,545, or 53.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $12,200,224, or only 9 per cent of the total value of the products of the state.

In addition to the 12,177 active establishments in the state during the census year, with a capital of $111,035,752, shown in Table 2, there were 112 idle establishments, with a capital of $1,884,479, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	19	$156,174	Patent medicines and compounds	1	$37,000
Carriages and wagons	2	30,400	Pottery, terra cotta, and fire-clay products	4	69,750
Chemicals	1	78,000	*Roofing and roofing materials*	1	40,800
Flouring and grist mill products	16	14,545	Tobacco, chewing, smoking, and snuff	2	17,500
Iron and steel	9	1,295,162	Woolen goods	1	36,000
Leather, tanned, curried, and finished	3	36,500	Zinc, smelting and refining	1	17,500
Lumber and timber products	22	28,035	All other industries	27	10,813
Lumber, planing mill products, including sash, doors, and blinds	3	16,300			

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	3,634	$54,074,182	37,833	$11,243,302	$8,515,553	$47,988,020	$79,657,265
	1890	2,445	38,078,712	32,256	8,440,187	5,951,212	36,125,779	58,331,204
Increase, 1890 to 1900		1,189	15,995,470	5,577	2,803,115	2,564,341	11,862,241	21,326,061
Per cent of increase		48.6	42.0	17.3	33.2	43.1	32.8	36.6
Per cent of total of all industries in state	1900	44.1	52.2	52.0	50.1	69.4	64.1	59.9
	1890	41.3	60.0	60.2	53.4	80.2	72.0	66.0
Cars and general shop construction and repairs by steam railroad companies.	1900	28	1,733,389	4,922	2,452,195	45,406	3,581,283	6,277,279
	1890	8	583,022	1,643	833,254	(1)	658,011	1,504,995
Fertilizers	1900	39	4,908,381	1,171	320,774	306,382	2,161,423	3,415,850
	1890	28	1,795,303	600	163,767	84,556	1,739,138	2,475,638
Flouring and grist mill products	1900	1,726	4,682,688	790	328,893	145,014	10,514,361	12,687,267
	1890	1,179	5,498,057	1,475	383,454	279,669	9,849,144	11,716,356
Foundry and machine shop products	1900	80	6,963,491	2,912	1,340,143	158,129	2,665,062	4,833,137
	1890	59	3,238,122	1,971	914,318	129,639	1,206,227	2,739,695
Iron and steel	1900	20	6,686,696	3,097	980,587	248,314	5,498,672	8,341,888
	1890	21	5,655,993	3,010	1,117,452	378,749	4,404,452	6,326,084
Leather, tanned, curried, and finished	1900	65	4,032,387	889	313,677	252,548	3,695,817	4,716,920
	1890	82	945,014	401	121,078	48,156	805,487	1,224,800
Lumber and timber products	1900	1,341	9,299,046	7,611	2,144,382	327,615	6,763,831	12,137,177
	1890	663	4,427,627	5,973	1,244,633	237,389	2,926,474	5,630,600
Lumber, planing mill products, including sash, doors, and blinds	1900	88	1,618,158	1,333	467,962	163,314	1,625,501	2,686,398
	1890	65	1,586,966	1,136	444,743	82,994	1,252,291	2,350,281
Textiles:								
Total	1900	35	5,186,733	3,293	772,329	157,953	1,803,991	3,282,583
	1890	44	3,812,110	2,389	468,021	146,537	1,574,753	2,342,457
Cotton goods	1900	7	4,403,206	2,931	668,556	135,178	1,412,332	2,655,002
	1890	9	2,966,889	1,990	373,993	102,565	1,199,578	1,732,648
Woolen goods	1900	28	783,527	362	103,773	22,780	391,659	627,581
	1890	35	845,221	399	94,028	43,972	375,175	609,809

[1] Not reported.

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Tobacco:								
Total	1900	212	$8,963,213	11,815	$2,122,360	$6,710,878	$9,728,079	$21,278,266
	1890	296	10,536,498	13,658	2,749,467	4,568,523	11,709,802	22,020,298
Tobacco, chewing, smoking, and snuff	1900	69	5,728,357	6,061	1,082,226	4,069,746	4,082,291	10,707,766
	1890	93	6,840,276	9,709	1,841,151	3,387,634	4,825,432	11,804,813
Tobacco, cigars and cigarettes	1900	89	780,261	2,595	586,115	2,480,961	1,192,583	4,843,641
	1890	102	1,809,416	2,259	604,837	1,048,290	1,463,378	3,727,842
Tobacco, stemming and rehandling	1900	54	2,454,595	3,159	454,019	160,171	4,453,205	5,726,859
	1890	101	1,886,806	1,630	303,479	182,599	5,420,492	6,487,643

The leading industries of the state in 1900, as shown in Table 3, embraced 3,634 establishments, or 44.1 per cent of the total number in the state; used a capital of $54,074,182, or 52.2 per cent of the total; gave employment to 37,833 wage-earners, or 52 per cent of the total number; and paid $11,243,302, or 51.1 per cent of the total wages. The value of their products was $79,657,265, or 59.9 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows the manufacture of tobacco is the most important industry in the state. The 212 establishments reported in 1900 gave employment to 11,815 wage-earners, or 16.3 per cent of the wage-earners employed in the state, and the products were valued at $21,278,266, or 16 per cent of the total value of the products of the state. In 1890 there were 296 establishments, 13,658 wage-earners, and products valued at $22,020,298. The decrease in the value of products during the decade was $742,032, or 3.4 per cent. The economic history of colonial Virginia is essentially a record of its tobacco culture. In 1619, 20,000 pounds of tobacco were exported, and in 1642 this staple was made the sole legal-tender currency in the colony.[1] Danville, Lynchburg, and Richmond are now among the largest tobacco markets in the United States, their combined sales in 1898 amounting to 11.1 per cent of the production of the country.[2] This abundant supply of raw material naturally caused the development of tobacco manufactures at an early date. At the census of 1810, 2,726,713 pounds of manufactured tobacco and snuff were reported. In 1899 the state ranked fifth in the manufacture of chewing and smoking tobacco.[3] During the last decade the value of products in this branch of the industry, including snuff, decreased from $11,804,813 to $10,707,766. The cigarette manufacture at Richmond began about 1874[4] and has had a steady growth. The climate is well suited to the handling of the tobacco leaf, and considerable quantities of Connecticut, Pennsylvania, and Havana leaf are brought into the state to be manufactured into cigars.[5]

The manufacture of flouring and grist mill products ranked second among the industries of the state in 1900, with 1,726 establishments, 790 wage-earners, and products valued at $12,687,267. In 1890 there were 1,179 establishments, 1,475 wage-earners, and products valued at $11,716,356. The increase in the value of products during the decade was $970,911, or 8.3 per cent. Flour and grist milling began in Virginia in 1621 when a windmill was built by Governor Yeardley.[6] The large wheat production of the state, 6,330,450 bushels in 1899,[7] has been for many years more than sufficient for local consumption, and large quantities of flour have been exported to the West Indies, South America, Africa, and Europe.[8] For many years it was believed that only Virginia flour could stand a tropical climate without detriment.

There were 1,341 establishments engaged in the manufacture of lumber and timber products in 1900, the industry third in rank, with 7,611 wage-earners, and products valued at $12,137,177. In 1890 there were 663 establishments 5,973 wage-earners, and products valued at $5,630,600. The increase in the value of products during the decade was $6,506,577, or 115.6 per cent. The forests of Virginia early attracted the attention of settlers, and in 1608, the year following the founding of Jamestown, one of the Virginia company's ships returning to England carried a cargo of iron ore, cedar posts, and walnut boards.[9] Trained workmen were brought from Hamburg, and by 1630 sawmills were in operation.[10] In 1897 forests covered 23,400 square miles, or 58 per cent of the land area of the state.[11] Longleaf and loblolly pine constitute about 75 per cent of the standing timber of the state.[12] The mills which saw this timber are located chiefly near Norfolk and along the James River, and, in addition to the

[1] Money and Banking, by Horace White, page 39.
[2] Treasury Department: Monthly Summary of Commerce and Finance for October, 1901, page 1,675. Yearbook of the Department of Agriculture, 1900, page 820.
[3] Treasury Department: Report of the Commissioner of Internal Revenue, 1900, page 40.
[4] Richmond, its Trade, Commerce, and Manufactures, 1884; published by Land & Thompson, page 45.
[5] Ibid.
[6] Economic History of Virginia, by P. A. Bruce, Vol. II, page 487.
[7] Yearbook of the Department of Agriculture, 1899, page 766.
[8] Richmond, its Trade, Commerce, and Manufactures, page 48.
[9] Tenth Census of the United States, Manufactures, folio 792.
[10] Economic History of Virginia, Vol. II, pages 430 and 491.
[11] United States Geological Survey: Forest Reserve, 1897–1898, page 13.
[12] Treasury Department: Monthly Summary of Commerce and Finance for November, 1900, page 1087.

local supply, use many logs brought by rail and canal from North Carolina. Hard wood timber products are manufactured chiefly among the oak, ash, and poplar forests in the western and northwestern counties. These forests are being rapidly exhausted. Large numbers of chestnut-oaks are sacrificed annually for the tan-bark they furnish, while the finest white oak trees are selected for the manufacture of staves, and in many cases all but a few feet at the base of each is left to decay.

There were 20 establishments engaged in the manufacture of iron and steel in 1900, with 3,097 wage-earners, and products valued at $8,341,888. In 1890 there were 21 establishments, 3,010 wage-earners, and products valued at $6,326,084. The increase in the value of products during the decade was $2,015,804, or 31.9 per cent. In 1899 Virginia ranked fifth in the United States in the production of iron ore.[1] An abundance of this mineral, combined with a plentiful supply of fuel, has made the manufacture of iron one of the leading industries of the state for more than a century. The first attempt by Europeans to manufacture iron in America was made in Virginia in 1619 by skilled iron-makers, imported for the purpose, but the enterprise failed. It was not until some time between the years 1710 and 1723 that the first iron was manufactured in the colony.[2] Six mines were in operation in 1781, and in connection with 5 of these, 4,400 tons of pig iron and 600 tons of bar iron were made annually, while 2 forges manufactured bars from pig iron brought from Maryland.[3] Small quantities of pig iron were exported previous to that year.[4] The advance of the industry since that date was checked for a time by the exhaustion of the older mines, but the increase of transportation facilities has given access to deposits[5] in the western part of the state, where the manufacture is now chiefly carried on.

There were 28 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 4,922 wage-earners, and products valued at $6,277,279. In 1890 there were 8 establishments, 1,643 wage-earners, and products valued at $1,504,995. The increase in the value of products during the decade was $4,738,681, or 314.9 per cent. Fourteen of the railroads in Virginia have repair shops located at 21 different points in the state. In addition to general repair work, freight cars were built during the census year at Danville, Portsmouth, Richmond, and Roanoke, passenger cars at Portsmouth, and locomotives at Roanoke.

There were 80 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 2,912 wage-earners, and products valued at $4,833,137. In 1890 there were 59 establishments, 1,971 wage-earners, and products valued at $2,739,695. The increase in the value of products during the decade was $2,093,442, or 76.4 per cent. The beginning of this industry in Virginia at an early date was a natural result of the local production of iron and the demand for machinery and repairs by the sawmills and flouring mills. In 1850 there were 42 foundries in the state and 20 other establishments employing machinists and millwrights, with combined products valued at $849,291. One establishment, at Richmond, achieved a national reputation by making the engines and boilers for the United States steam frigates Roanoke and Colorado.[6] Several establishments in tobacco manufacturing centers make a specialty of tobacconists' tools and machinery.[7] In connection with the development of the iron industries, attention may be called to the large iron and steel shipbuilding operations at Newport News and Richmond. But as there were only 2 establishments in the state in 1900, the statistics can not be separately shown.

There were 65 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 889 wage-earners, and products valued at $4,716,920. In 1890 there were 82 establishments, 401 wage-earners, and products valued at $1,224,800. The increase in the value of products during the decade was $3,323,433, or 271.3 per cent. This is a much larger absolute increase than has ever taken place before in the history of this industry in Virginia. Its importance is due largely to the abundance of oak timber which supplies the bark for tanning. The largest operations are in the mountainous counties in the western part of the state. As early as 1810 there were 442 tanneries located in 15 counties of the state, and a product of 273,829 hides was reported.

There were 39 establishments engaged in the manufacture of fertilizers in 1900, with 1,171 wage-earners, and products valued at $3,415,850. In 1890 there were 28 establishments, 600 wage-earners, and products valued at $2,475,638. The increase in the value of products during the decade was $940,212, or 38 per cent. The importance of this industry in Virginia is largely due to the great demand for fertilizers to replenish the soil, exhausted by the large tobacco crops. There were only 3 establishments reported in 1860, with products valued at $224,200, or 25.2 per cent of the value of all fertilizers produced in the United States in that year.

There were 35 establishments engaged in the manufacture of textiles in 1900, with 3,293 wage-earners, and products valued at $3,282,583. In 1890 there were 44 establishments, 2,389 wage-earners, and products valued at $2,342,457. The increase in the value of products during the decade was $940,126, or 40.1 per cent. Cotton spinning and weaving as a household industry was common in Virginia as early as 1685,[8] but cotton manufacturing has assumed importance only during the last quarter of a century with the development of the waterpower of the Virginia Piedmont district. Practically all the cotton manufacturing carried on in 1900 was in this region, water supplying more than three-fifths of the power used. Sheet-

[1] United States Geological Survey: Mineral Resources of the United States, 1899; Metallic Products, Coal, and Coke, page 34.
[2] Tenth Census of the United States, Manufactures, folios 792 and 828.
[3] Notes of the State of Virginia, by Thomas Jefferson, John Stockdale, Pub., London, 1787, page 41.
[4] Ibid., page 277.
[5] Tenth Census of the United States, Manufactures, folio 831.
[6] Iron in All Ages, by J. M. Swank, page 270.
[7] Richmond, its Trade, Commerce, and Manufactures, page 47.
[8] Economic History of Virginia, Vol. II, page 460.

ings and shirtings were the most important products, though considerable quantities of drills, duck, and fancy-woven fabrics were also reported. Woolen goods have been manufactured in Virginia since 1646,[1] and the industry is now carried on in more than 12 different localities, chiefly in the Piedmont and Alpine regions.

There were 88 establishments engaged in the manufacture of planing mill products in 1900, with 1,333 wage-earners, and products valued at $2,686,898. In 1890 there were 65 establishments, 1,136 wage-earners, and products valued at $2,350,281. The increase in the value of products during the decade was $336,617, or 14.3 per cent.

[1] Economic History of Virginia, Vol. II, page 460.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Norfolk, Petersburg, and Richmond, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, NORFOLK, PETERSBURG, AND RICHMOND, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	8,248	$103,670,988	72,702	$22,445,720	$12,264,602	$74,851,757	$132,937,910
	1890	5,915	63,456,799	53,566	15,816,930	7,421,087	50,148,285	88,363,824
Per cent of increase		39.4	63.4	35.7	41.9	65.3	49.3	50.4
Norfolk	1900	445	6,425,099	4,334	1,671,229	701,597	5,283,975	9,397,355
	1890	374	3,417,454	2,391	1,016,390	265,675	2,542,790	5,100,408
Per cent of increase		19.0	88.0	81.3	54.6	164.1	107.8	84.2
Petersburg	1900	225	3,960,987	4,730	1,043,550	658,689	3,747,656	6,464,464
	1890	271	3,911,240	5,108	1,128,551	834,420	4,884,402	7,167,004
Per cent of increase		[1]17.0	1.3	[1]7.4	[1]7.5	[1]21.1	[1]14.5	[1]9.8
Richmond	1900	763	20,848,620	16,692	5,181,659	6,158,301	18,161,697	28,900,616
	1890	966	16,785,242	16,891	5,753,863	3,290,170	14,014,214	27,792,672
Per cent of increase		[1]21.0	24.2	[1]1.2	[1]9.9	87.2	[1]6.1	4.0
Total for 3 cities	1900	1,433	31,234,706	25,756	7,796,438	7,518,587	22,193,328	44,762,435
	1890	1,611	24,113,936	24,390	7,898,804	4,390,265	20,941,466	40,060,084
Per cent of increase		[1]11.0	29.5	5.6	[1]1.3	71.3	6.0	11.7
Per cent of 3 cities to total for state	1900	17.4	30.1	35.4	34.7	61.3	29.6	33.7
	1890	27.2	38.0	45.5	49.9	59.2	41.8	45.3

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of these 3 cities. Although the number of establishments decreased from 1,611 to 1,433, or 11 per cent, the average number of wage-earners increased from 24,390 to 25,756, or 5.6 per cent; and the value of products from $40,060,084 to $44,762,435, or 11.7 per cent. The city of Norfolk shows the greatest growth, as measured by the value of products, which increased from $5,100,408 in 1890 to $9,397,355 in 1900, or 84.2 per cent. In Richmond, the leading manufacturing city in the state, the value of products increased during the decade from $27,792,672 to $28,900,616, or 4 per cent, while the number of establishments decreased from 966 to 763, or 21 per cent, and the number of wage-earners from 16,891 to 16,692, or 1.2 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 9.3, 23, and 21.8 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 23 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	8,248	$103,670,988	9,421	72,702	$22,445,720	$12,264,602	$74,851,757	$132,937,910	-------	100.0	1,854,184	-------	100.0
Total for urban manufactures	2,972	69,446,494	3,333	51,552	16,558,765	10,603,359	47,579,277	88,354,963	-------	66.5	326,728	-------	17.6
Alexandria	172	1,779,334	196	1,065	448,024	282,115	788,671	1,890,383	9	1.4	14,528	9	0.8
Berkley	48	1,740,919	46	1,186	485,434	117,420	1,482,572	2,391,048	8	1.8	4,988	15	0.3
Bristol	56	860,211	63	746	241,380	38,056	579,654	1,092,628	14	0.8	4,579	16	0.2
Buena Vista	22	921,135	21	390	126,698	30,495	1,063,877	1,477,150	13	1.1	2,388	22	0.1
Charlottesville	79	827,234	87	487	163,857	43,938	387,690	858,144	17	0.6	6,449	12	0.3
Danville	139	5,832,258	185	5,143	1,040,320	678,040	5,187,771	8,103,484	3	6.1	16,520	8	0.9
Fredericksburg	62	759,614	70	552	147,726	29,369	454,411	810,242	18	0.6	5,068	14	0.3
Hampton	40	189,377	43	217	110,352	57,477	315,196	578,486	22	0.4	2,764	21	0.1
Harrisonburg	55	521,573	66	244	78,553	30,187	458,558	682,654	21	0.5	3,521	18	0.2
Lexington	26	49,658	30	51	16,039	7,524	28,874	77,564	23	0.1	3,203	20	0.2
Lynchburg	168	3,445,557	214	2,452	731,206	684,713	2,331,380	4,503,037	7	3.4	18,891	6	1.0
Manchester	36	763,043	39	923	372,809	56,641	1,178,131	1,746,192	11	1.3	9,715	10	0.5
Martinsville	22	461,780	27	810	110,131	304,280	262,233	781,286	19	0.6	2,384	23	0.1
Newport News	123	14,999,735	133	5,675	2,556,938	297,411	3,369,545	6,976,670	4	5.3	19,635	5	1.1
Norfolk	445	6,425,099	523	4,334	1,571,229	701,597	5,283,975	9,397,355	2	7.1	46,624	2	2.5
Petersburg	225	3,960,987	242	4,780	1,043,550	658,689	3,747,656	6,464,464	5	4.9	21,810	3	1.2
Portsmouth	103	1,179,144	111	1,154	483,763	95,644	968,752	1,854,997	10	1.4	17,427	7	0.9
Richmond	763	20,848,620	801	16,692	5,181,659	6,158,301	13,161,697	28,900,616	1	21.7	85,050	1	4.6
Roanoke	120	2,057,754	129	2,688	1,178,542	122,145	3,730,926	5,709,817	6	4.3	21,495	4	1.2
Salem	40	421,473	53	181	68,315	82,510	533,254	768,435	20	0.6	3,412	19	0.2
Staunton	89	438,270	103	316	90,715	41,727	622,142	900,750	15	0.7	7,289	11	0.4
Suffolk	67	402,079	73	881	197,849	48,979	1,060,006	1,499,068	12	1.1	3,827	17	0.2
Winchester	72	561,640	78	635	128,176	36,101	582,306	890,493	16	0.7	5,161	13	0.3
Total for state exclusive of urban manufactures	5,276	34,224,494	6,088	21,150	5,886,955	1,661,243	27,272,480	44,582,947	-------	33.5	1,527,456	-------	82.4
Per cent of urban manufactures to total for state	36.0	67.0	35.4	70.9	73.8	86.5	63.6	66.5	-------	-------	17.6	-------	-------

Of the 8,248 establishments in the state, 2,972, or 36 per cent, were located in these 23 cities and towns. They furnished employment to 51,552 wage-earners, or 70.9 per cent of the total for the state, and the value of their products, $88,354,963, formed 66.5 per cent of the total for the state.

Table 6 shows the totals for the entire state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Norfolk, Petersburg, Richmond, and Roanoke by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES AND CITIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State	8,248	$103,670,988	$12,697,782	$17,211,750	$26,965,985	$46,795,471	9,421	4,198	$3,846,072	72,702	$22,445,720
2	Accomac	103	266,682	51,995	29,360	73,367	111,960	131	26	5,650	326	81,076
3	Albemarle	72	278,774	66,448	63,473	80,493	68,360	78	15	19,675	430	120,078
4	Alexandria	20	1,385,767	374,997	356,022	264,331	390,417	15	49	48,103	477	171,572
5	Alexandria city	172	1,779,334	171,820	364,772	532,416	710,326	196	104	79,728	1,065	443,924
6	Alleghany	64	3,665,465	152,170	1,010,617	1,146,106	1,356,572	60	47	64,765	1,003	411,380
7	Amelia	26	144,715	6,115	21,405	27,067	90,128	30	1	300	108	18,289
8	Amherst	35	115,060	6,867	25,188	37,020	45,990	36	5	3,480	50	15,196
9	Appomattox	23	59,035	8,120	15,520	25,725	9,670	23	1	1,200	36	9,622
10	Augusta	155	801,078	56,460	195,411	220,191	329,016	165	14	10,775	541	138,376
11	Bath	19	29,440	10,225	3,780	13,235	2,200	21			16	3,877
12	Bedford	109	616,148	140,775	86,960	187,520	200,893	114	28	19,107	321	89,020
13	Bland	19	27,325	2,568	7,980	12,152	4,625	30			7	1,630
14	Botetourt	98	412,539	40,105	148,243	86,510	137,681	116	12	5,610	381	81,332
15	Bristol city	56	860,211	146,755	241,783	200,594	271,079	63	57	38,561	746	241,380
16	Brunswick	52	196,162	32,746	35,165	64,733	63,508	58	12	8,175	193	71,563
17	Buchanan	10	96,350	36,650	1,850	18,600	39,250	14	5	1,500	58	16,180
18	Buckingham	53	536,359	163,343	67,245	88,708	217,063	51	11	6,825	435	102,572
19	Buena Vista city	22	921,135	8,200	191,415	330,718	390,802	21	24	33,388	390	126,698
20	Campbell	51	278,907	60,145	81,435	89,310	48,017	58	13	8,700	226	71,923
21	Caroline	69	199,570	42,525	17,015	77,455	62,575	84	14	4,900	232	57,042
22	Carroll	97	129,013	49,496	19,192	47,555	12,770	139			45	10,241
23	Charles City	13	40,097	6,962	4,250	14,685	14,200	16	3	1,260	45	11,700
24	Charlotte	31	252,335	12,685	14,305	33,015	192,350	42	3	1,200	121	21,442
25	Charlottesville city	79	827,234	75,436	121,417	186,767	443,614	87	55	56,708	487	153,857
26	Chesterfield	88	633,162	139,372	63,753	195,226	234,811	100	22	12,468	546	167,423
27	Clarke	44	87,175	16,395	14,195	24,000	32,585	43	5	1,650	64	19,940
28	Craig	21	33,807	3,250	8,100	13,950	8,507	26			11	2,728
29	Culpeper	71	169,997	24,956	41,308	56,213	47,520	81	8	4,680	105	27,621
30	Cumberland	19	32,780	2,265	7,425	21,040	2,050	21			24	5,393
31	Danville City	139	5,832,258	158,924	664,914	1,804,078	3,204,342	185	248	182,695	5,143	1,040,820
32	Dickenson	17	40,180	10,815	1,800	22,725	4,840	23			34	8,780
33	Dinwiddie	64	330,725	133,420	15,525	101,875	79,905	78	5	3,400	402	106,308
34	Elizabeth City	54	249,785	28,300	26,600	42,547	152,338	58	19	11,444	396	145,862
35	Essex	28	57,615	6,050	11,800	19,250	20,515	33	4	375	73	10,475
36	Fairfax	64	241,657	23,275	27,710	63,200	127,472	72	7	3,017	168	63,460
37	Fauquier	107	193,871	26,672	40,069	53,607	73,523	111	8	340	92	26,372
38	Floyd	96	100,802	15,100	21,785	45,198	18,719	126	1	150	35	8,430
39	Fluvanna	32	37,464	3,045	10,175	14,339	9,905	34	4	371	23	6,339
40	Franklin	111	168,703	15,244	30,267	81,567	31,625	143	10	2,940	123	29,942
41	Frederick	75	182,722	18,419	46,815	57,030	60,458	87	9	4,300	130	32,234
42	Fredericksburg city	62	759,614	45,050	164,772	204,754	345,038	70	43	32,200	552	147,726
43	Giles	43	747,208	42,778	58,395	47,370	598,665	55	9	5,800	207	65,347
44	Gloucester	24	98,670	40,265	5,290	27,380	25,735	25			72	22,020
45	Goochland	22	61,958	7,150	13,695	26,495	14,618	28	2	1,260	83	12,985
46	Grayson	64	91,409	8,754	20,795	41,625	20,235	81	2	1,200	38	8,591
47	Greene	17	22,842	1,433	7,076	9,813	4,520	17			10	2,445
48	Greenesville	18	150,670	42,315	20,200	61,750	26,405	17	21	12,662	239	68,473
49	Halifax	120	340,393	30,861	62,870	101,126	145,536	134	17	14,990	360	96,137
50	Hanover	59	168,884	45,807	20,205	65,090	37,782	63	8	4,370	156	37,745
51	Henrico	34	325,770	58,370	68,275	128,752	75,373	36	18	21,841	174	52,490
52	Henry	59	706,675	16,385	79,425	103,750	507,115	73	63	46,660	1,087	160,219
53	Highland	34	61,926	2,616	16,805	25,079	17,426	44			35	8,242
54	Isle of Wight	20	184,717	22,645	21,422	35,596	105,054	22	13	12,160	216	42,738
55	James City[1]	15	73,805	18,660	8,725	22,100	24,320	19	3	1,590	62	15,993
56	King and Queen	29	29,827	2,152	6,355	18,760	2,560	29			35	7,885
57	King George	12	10,575	1,675	2,375	3,650	2,875	14			19	3,922
58	King William	34	77,050	10,985	11,450	33,295	21,320	42	2	500	82	19,775
59	Lancaster	28	87,205	2,580	18,560	45,560	20,505	31	6	3,450	139	31,311
60	Lee	56	94,840	5,915	15,445	40,095	33,385	72	5	1,250	92	23,394
61	Loudoun	164	351,257	25,957	79,350	104,402	141,548	197	1	360	179	52,204
62	Louisa	40	60,862	7,675	9,203	26,426	17,558	40	2	600	51	11,023
63	Lunenburg	21	27,989	1,976	8,100	14,415	3,498	22	1	240	11	2,760
64	Lynchburg city	168	3,445,557	159,938	484,951	1,199,849	1,650,819	214	111	109,247	2,452	731,206
65	Madison	67	99,514	16,625	17,125	36,275	29,489	72			59	15,181
66	Manchester city	36	768,043	51,100	185,139	211,667	315,137	39	63	56,089	923	372,809
67	Mathews	21	32,210	1,830	4,575	8,940	16,865	26			47	12,302
68	Mecklenburg	51	197,527	18,557	27,516	46,865	104,589	68	4	2,850	125	35,749
69	Middlesex	20	42,088	14,500	7,650	8,885	11,053	26	1	780	26	8,037
70	Montgomery[2]	60	542,418	80,350	237,685	129,980	94,403	65	19	19,789	336	100,910
71	Nansemond	115	555,071	49,232	69,959	161,880	274,000	122	41	27,705	1,121	246,243
72	Nelson	55	177,917	24,970	51,940	74,635	26,372	62	4	4,100	227	49,084
73	New Kent	9	21,386	1,595	2,125	12,516	5,100	12			38	9,187
74	Newport News city	123	14,999,735	1,953,982	3,239,616	1,672,219	8,133,918	133	144	214,117	5,675	2,556,988
75	Norfolk	111	3,802,084	1,208,576	399,130	840,373	1,354,005	106	173	176,071	3,657	1,076,244
76	Norfolk city	445	6,425,099	506,425	685,162	2,025,063	3,208,449	523	333	266,227	4,334	1,571,229

[1] Includes totals for the city of Radford.

[2] Includes totals for the city of Williamsburg.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
56,341	$20,038,339	12,197	$1,963,999	4,164	$448,382	$12,264,602	$697,016	$499,159	$9,872,939	$1,195,488	$74,851,757	$71,649,994	$3,201,763	$132,937,910	1
260	74,124	53	5,521	13	1,431	7,488	2,043	968	4,252	225	220,804	218,959	1,845	407,834	2
428	128,968			2	110	21,238	593	2,258	18,327	60	198,750	186,922	11,828	449,450	3
460	169,935			17	1,637	86,902	516	8,415	82,971		368,834	329,058	39,776	1,585,221	4
917	421,000	99	20,565	19	1,459	282,115	12,419	9,810	248,983	10,903	788,671	764,783	23,888	1,890,883	5
967	406,238	11	2,220	25	2,922	118,001	15,884	10,075	91,992	50	2,573,626	1,908,992	664,634	3,839,649	6
105	17,989	3	300			2,681	386	889	1,206	200	148,594	147,729	865	205,827	7
46	14,596	4	600			4,416	1,584	571	2,261		198,433	198,045	388	259,157	8
32	8,839	2	567	2	216	1,284	175	261	848		73,717	73,212	505	125,538	9
522	186,277	6	902	13	1,197	33,404	1,811	3,660	25,363	2,570	791,474	782,181	9,293	1,201,848	10
16	3,877					744	120	198	401	25	31,935	31,821	114	46,338	11
218	74,914	87	12,018	16	2,088	151,607	1,524	2,257	139,826	8,000	369,859	361,677	8,182	814,395	12
6	1,524			1	106	6,896	6,574	189	83	50	39,025	38,761	264	54,685	13
235	68,953	101	9,606	45	2,773	4,889	402	2,164	2,263	60	410,525	361,057	49,468	672,527	14
712	236,283	20	3,160	14	1,837	88,056	6,159	7,585	24,312		579,654	542,095	37,559	1,092,628	15
190	70,995	2	390	1	178	7,224	1,107	1,087	5,030		155,675	152,809	2,866	280,170	16
58	16,180					3,020	479	260	2,281		62,006	61,876	130	108,482	17
384	96,968	7	1,200	44	4,404	18,252	2,579	2,520	8,128	25	183,418	172,787	10,631	388,942	18
353	118,706	37	7,992			30,495	1,204	2,606	26,685		1,063,877	888,689	175,188	1,477,150	19
221	71,059			5	864	9,900	2,026	927	6,947		163,007	135,648	27,359	324,878	20
227	56,418			5	624	6,911	246	900	5,765		176,153	175,763	390	335,710	21
44	9,991			1	250	1,355	279	559	467	50	120,655	120,490	165	194,187	22
45	11,700					892	25	239	628		32,867	32,722	145	63,984	23
83	18,492	25	2,100	13	850	4,049	842	562	1,645	1,000	253,025	251,955	1,070	341,202	24
316	126,237	139	27,420	2	200	43,938	7,895	3,203	27,840	5,000	387,690	378,977	8,713	858,144	25
493	161,203	48	5,690	5	530	25,280	1,035	2,388	21,862		575,196	555,360	19,836	1,046,686	26
59	19,090	5	850			4,928	833	405	1,690	2,000	82,694	81,369	1,325	143,888	27
9	2,570	2	158			1,076	36	203	837		41,668	41,558	110	59,126	28
93	25,886	7	1,335	5	450	9,025	2,058	1,103	5,864		171,525	169,598	1,927	262,723	29
24	5,393					587	150	231	206		52,463	52,208	255	80,828	30
2,605	684,069	1,585	253,268	953	103,483	678,040	54,691	46,345	566,684	10,320	5,187,771	5,142,501	45,270	8,103,484	31
34	8,780					1,250	681	224	345		47,058	46,801	257	72,433	32
400	105,908	1	250	1	150	4,896	158	1,001	3,737		328,703	326,906	1,797	596,139	33
289	136,602	77	6,840	30	2,420	70,615	8,731	912	12,772	48,200	376,008	369,777	6,231	720,921	34
38	8,875	27	1,510	8	90	1,526	136	374	1,016		60,254	59,727	527	104,623	35
134	58,241	4	291	30	4,928	9,076	687	662	7,727		152,211	143,711	8,500	298,599	36
75	23,482	13	2,650	4	240	10,589	1,961	1,305	7,323		194,424	191,583	2,841	301,076	37
29	7,775			6	655	2,870	312	624	1,879	55	131,843	131,285	558	195,763	38
19	6,032			4	307	1,790	227	149	1,414		36,372	35,909	263	58,472	39
110	28,485	5	762	8	695	5,495	647	1,149	3,599	100	193,980	193,412	568	295,939	40
105	29,741	15	1,495	10	998	14,423	1,047	812	12,564		185,201	181,857	3,344	293,841	41
383	123,662	138	20,746	31	3,318	29,369	5,191	3,251	20,677	250	454,411	440,973	13,438	810,242	42
206	65,197	1	150			59,728	1,713	1,716	56,299		624,776	623,298	1,478	825,160	43
72	22,020					2,466	25	485	1,956		91,975	91,722	253	156,685	44
72	12,015			11	970	1,699	20	354	1,325		68,121	67,825	296	105,967	45
25	7,224	3	800	5	567	2,401	135	384	1,012	870	120,272	119,759	513	164,245	46
10	2,445					432	18	114	300		27,170	27,105	65	37,165	47
206	63,177	18	2,996	15	2,300	4,307	301	602	3,404		174,041	172,946	1,095	300,563	48
297	87,010	44	6,895	19	2,232	14,505	2,463	1,447	10,445	150	388,382	384,303	4,079	717,396	49
128	33,595	14	2,550	14	1,600	3,263	287	1,178	1,798		174,343	173,874	469	278,409	50
150	48,371	16	3,219	8	900	54,164	387	1,657	51,920	200	159,353	151,799	7,554	361,901	51
575	120,741	170	16,713	342	22,765	441,117	4,151	5,997	430,969		492,702	485,464	7,238	1,249,966	52
31	7,847	4	395			925	354	221	350		66,378	66,001	377	96,945	53
105	30,738	111	12,000			15,461	1,035	757	13,669		776,548	774,333	2,215	983,215	54
61	15,873			1	120	1,424	20	292	1,112		23,435	21,390	2,045	58,275	55
35	7,885					257	45	197	15		50,167	50,001	166	83,499	56
13	3,205	4	585	2	132	766	400	71	295		24,018	23,827	191	35,826	57
75	19,380	6	325	1	120	1,387	285	648	504		105,509	105,162	347	173,324	58
124	30,461	10	600	5	250	6,833	121	814	5,898		106,799	101,361	5,438	185,022	59
88	22,954			4	440	1,725	336	496	893		135,072	134,559	513	208,843	60
172	51,180	3	510	4	514	12,935	2,599	1,970	6,816	1,550	433,349	424,538	8,811	638,136	61
48	10,723			3	300	1,198	27	313	858		72,499	72,247	252	110,006	62
11	2,760					3,614		226	3,388		48,197	48,085	112	66,726	63
1,822	648,504	446	76,551	184	12,151	684,713	32,644	12,021	563,998	76,050	2,331,380	2,270,192	61,188	4,503,037	64
55	14,611	1	145	3	425	5,601	255	493	4,853		98,404	97,416	988	160,634	65
781	343,643	114	24,475	28	4,691	56,641	6,374	3,857	43,410	3,000	1,178,181	1,153,486	24,645	1,746,192	66
47	12,302					1,281	125	119	1,037		26,357	26,101	256	61,780	67
123	35,449	1	200	1	100	6,852	370	906	5,576		203,346	202,321	1,025	328,330	68
26	8,037					2,429	201	255	673	1,300	60,227	59,886	341	102,315	69
324	99,401	3	520	9	989	8,741	1,195	2,181	5,361	4	529,670	428,771	100,899	789,076	70
667	200,300	267	32,010	187	13,933	55,142	11,362	2,038	41,742		1,195,337	1,184,051	11,286	1,744,504	71
227	49,084					4,460	338	722	3,400		114,688	109,412	5,276	228,039	72
38	9,187					274		114	160		35,846	35,846		71,120	73
5,303	2,503,294	49	10,068	323	43,576	297,411	21,407	12,914	200,990	62,100	3,369,545	3,275,344	94,201	6,976,670	74
3,341	1,025,101	261	43,222	55	7,921	253,047	22,643	13,573	171,581	45,250	3,678,115	3,638,811	39,304	5,798,635	75
3,206	1,376,071	1,023	180,972	105	14,186	701,597	107,723	39,827	804,594	249,453	5,283,975	5,178,011	105,964	9,397,355	76

TABLE 6.—MANUFACTURES

	COUNTIES AND CITIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
77	Northampton	34	$179,741	$32,680	$15,245	$58,797	$73,069	42	7	$4,623	201	$76,658
78	Northumberland	52	232,885	12,205	28,575	139,848	52,257	63	18	6,355	332	82,410
79	Nottoway	39	188,631	10,530	44,040	72,555	61,556	41	17	12,265	217	84,560
80	Orange	51	117,751	18,470	25,200	37,036	37,045	63	3	959	47	14,440
81	Page	85	1,867,951	24,127	94,046	114,120	1,135,658	104	28	34,610	441	168,115
82	Patrick	74	185,005	42,566	11,815	50,869	80,255	80	6	3,863	81	20,806
83	Petersburg city	225	3,960,987	141,337	595,774	1,153,793	2,070,033	242	251	227,544	4,730	1,043,550
84	Pittsylvania	96	221,838	16,758	40,901	83,750	80,429	109	5	2,560	150	34,946
85	Portsmouth city	103	1,179,144	64,500	147,589	228,989	738,116	111	107	82,636	1,154	483,763
86	Powhatan	27	399,726	36,135	146,724	99,891	116,976	26	13	14,284	180	42,331
87	Prince Edward	45	118,777	6,982	16,560	40,850	54,435	50	7	5,220	83	20,100
88	Prince George	22	93,173	14,555	12,657	33,849	32,112	22	8	6,930	103	25,090
89	Princess Anne	20	85,991	9,021	3,885	16,960	56,125	24	2	1,800	55	13,139
90	Prince William	48	123,249	18,183	23,577	40,993	40,496	61	2	1,080	66	23,352
91	Pulaski	60	1,958,793	195,321	604,119	164,679	994,674	74	49	64,928	651	206,694
92	Rappahannock	59	98,168	9,643	15,322	24,012	49,191	62	1	650	39	11,199
93	Richmond	35	132,278	28,980	7,400	22,858	73,040	47	11	11,693	106	29,645
94	Richmond city	763	20,848,620	2,252,946	2,377,697	6,164,891	10,053,086	801	1,166	1,266,270	16,692	5,181,659
95	Roanoke	60	503,841	8,792	92,545	102,825	299,679	73	15	13,760	212	76,372
96	Roanoke city	120	2,057,754	90,160	612,890	527,648	827,056	129	205	169,317	2,688	1,178,642
97	Rockbridge	98	561,553	58,608	272,631	138,407	96,907	115	24	15,392	268	63,354
98	Rockingham	227	1,241,482	131,901	235,115	295,308	579,158	266	53	34,897	566	164,993
99	Russell	75	145,258	8,711	24,653	58,689	53,205	84	3	1,270	87	28,748
100	Scott	89	243,284	71,382	20,850	75,805	75,247	95	7	3,560	188	58,425
101	Shenandoah	144	358,791	24,757	97,215	109,222	127,597	172	8	7,025	182	53,781
102	Smyth	66	3,164,578	1,649,695	403,784	804,396	306,698	84	9	5,440	812	262,372
103	Southampton	41	218,404	84,328	11,290	43,870	78,916	43	6	3,672	241	54,389
104	Spottsylvania	31	134,788	15,095	12,480	30,158	77,055	32	3	960	71	20,465
105	Stafford	22	28,448	3,266	3,463	14,997	6,722	26			33	8,612
106	Staunton city	89	438,270	46,827	50,862	111,775	228,806	103	15	10,268	316	90,715
107	Surry	29	861,076	258,164	95,190	171,275	336,447	33	11	14,720	396	112,903
108	Sussex	40	158,847	28,452	12,395	63,285	54,715	51	15	5,760	326	60,224
109	Tazewell	97	801,754	116,612	44,765	502,785	137,592	113	23	19,890	333	135,647
110	Warren	57	164,915	12,165	30,890	58,305	63,555	60	10	6,240	114	32,024
111	Warwick	5	10,950	675	2,150	4,325	3,800	6			27	6,975
112	Washington	125	318,591	49,705	41,086	118,105	109,745	152	10	6,445	273	71,121
113	Westmoreland	38	89,088	21,295	11,958	27,690	28,145	46	4	265	122	22,850
114	Winchester city	72	561,640	32,910	102,272	140,554	285,904	78	42	27,325	635	128,176
115	Wise	50	1,381,169	134,854	276,976	639,762	329,577	56	47	34,796	855	233,661
116	Wythe	90	768,131	41,220	304,689	275,151	147,071	99	29	31,808	590	156,388
117	York	16	21,450	4,575	3,125	7,880	5,870	15			17	3,790

TABLE 7.—MANUFACTURES BY

1	All industries	8,248	$103,670,988	$12,697,782	$17,211,750	$26,965,985	$46,795,471	9,421	4,198	$3,846,072	72,702	$22,445,720
2	Agricultural implements	13	472,863	49,231	68,945	86,320	268,367	20	29	21,738	278	107,980
3	Awnings, tents, and sails	8	12,870	950	2,950	1,630	7,340	11			23	13,100
4	Baking and yeast powders	8	169,038	2,000	6,000	7,240	153,798	7	38	35,760	95	23,884
5	Bicycle and tricycle repairing	63	78,095	4,050	5,925	21,712	46,408	74	5	2,408	81	23,945
6	Blacksmithing and wheelwrighting	889	537,628	84,986	112,346	92,163	248,133	952	6	4,856	637	193,792
7	Bookbinding and blank book making	7	84,036			39,376	44,660	9	15	9,808	114	30,701
8	Boots and shoes, custom work and repairing	283	79,299	9,025	14,275	19,388	36,611	289			139	44,739
9	Boots and shoes, factory product	5	641,166	2,000	7,932	47,034	584,200	5	45	50,509	1,153	206,119
10	Bottling	20	113,610	20,200	29,550	33,000	30,860	8	16	11,118	79	24,126
11	Boxes, fancy and paper	11	370,812	25,500	77,500	133,181	134,631	11	20	30,922	942	190,704
12	Boxes, wooden packing	17	450,334	43,197	76,135	182,027	198,975	12	33	34,678	1,246	154,684
13	Bread and other bakery products	97	320,543	65,800	112,700	57,996	84,047	109	74	30,234	423	157,057
14	Brick and tile	80	1,531,352	450,897	306,861	340,485	433,109	90	56	46,221	1,418	408,696
15	Brooms and brushes	20	12,599	1,995	2,550	1,337	6,217	26	5	1,900	55	12,765
16	Carpentering	284	717,558	93,715	102,735	79,037	442,071	330	30	20,058	1,717	672,710
17	Carriage and wagon materials	6	275,264	8,800	38,234	67,230	161,000	7	9	6,260	208	67,337
18	Carriages and wagons	199	1,162,900	100,251	235,567	129,021	698,061	257	33	30,805	818	330,961
19	Cars and general shop construction and repairs by steam railroad companies.	28	1,783,389	101,572	482,886	421,488	727,443		283	248,425	4,922	2,452,195
20	Cars and general shop construction and repairs by street railroad companies.	4	36,942	2,100	26,350	3,900	4,592		3	2,940	25	10,821
21	Charcoal	12	14,880	7,025	325	2,990	4,540	11	2	706	34	7,628
22	Cheese, butter, and condensed milk, factory product.	10	15,145	860	1,750	7,850	4,685	12			8	2,158
23	Clothing, men's, custom work and repairing.	164	336,347	8,940	10,900	16,485	300,022	201	24	19,920	635	290,552
24	Clothing, men's, factory product	9	162,580			16,700	145,880	13	28	17,260	324	53,328
25	Clothing, women's, dressmaking	128	65,681	12,400	20,655	10,591	22,035	133	3	1,920	328	62,975
26	Coffee and spice, roasting and grinding	22	637,315	8,300	48,707	92,207	493,101	15	81	65,681	970	126,022

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
197	$75,753	2	$480	2	$425	$5,470	$442	$995	$3,958	$75	$144,605	$143,121	$1,484	$223,765	77
293	75,230	25	5,420	14	1,760	29,822	301	1,306	28,215	----------	128,410	121,003	7,407	355,249	78
211	84,135	5	285	1	140	4,407	1,009	955	2,443	----------	217,656	215,540	2,116	382,625	79
46	14,320	----------	----------	1	120	4,828	897	457	2,974	----------	161,572	160,123	1,449	221,728	80
425	165,765	2	545	14	1,805	52,861	1,602	3,119	47,640	----------	1,137,902	1,134,201	3,701	1,572,657	81
76	20,246	1	135	4	425	5,381	247	828	4,306	----------	118,812	118,415	397	183,652	82
2,729	801,127	1,615	206,061	386	36,362	658,689	30,999	48,129	526,186	53,375	3,747,656	3,695,090	52,566	6,464,464	83
118	31,261	16	2,700	16	985	39,384	1,484	1,065	36,835	----------	274,295	271,348	2,947	422,372	84
942	446,487	167	31,885	45	5,441	95,644	27,025	5,322	62,683	614	968,752	954,448	14,304	1,854,997	85
157	38,416	14	2,707	9	1,208	19,782	385	1,470	17,177	800	103,289	92,765	10,524	218,165	86
79	19,507	3	520	1	73	7,220	1,110	1,415	4,695	----------	230,217	229,213	1,004	334,396	87
86	21,990	12	2,600	5	500	5,334	600	545	4,689	----------	62,213	60,761	1,452	117,622	88
54	12,989	----------	----------	1	150	1,678	67	286	1,325	----------	47,922	47,614	308	80,460	89
62	23,065	----------	----------	4	287	2,890	717	678	1,195	300	149,306	148,107	1,199	230,043	90
650	206,494	1	200	----------	----------	32,981	1,028	9,444	22,003	506	1,286,395	967,216	319,179	1,982,831	91
36	10,594	3	605	----------	----------	8,254	1,406	464	6,384	----------	84,189	82,877	1,312	133,378	92
85	27,805	11	1,100	10	740	3,856	356	603	2,897	----------	129,654	129,207	447	221,720	93
11,565	4,292,348	4,399	796,997	728	92,314	6,158,301	181,456	132,687	5,263,566	580,592	13,161,697	12,838,895	322,802	28,900,616	94
186	71,479	16	3,700	10	1,193	84,989	2,625	2,046	79,107	1,211	625,896	618,715	7,181	894,642	95
2,570	1,163,114	84	10,666	34	4,762	122,145	16,095	9,754	91,176	5,120	3,730,926	3,398,169	332,757	5,709,817	96
262	62,237	5	1,000	1	117	16,881	3,245	1,824	7,894	3,918	360,049	302,738	57,311	583,683	97
519	159,554	28	3,717	19	1,722	49,105	3,554	6,036	32,140	7,375	1,314,935	1,304,654	10,281	1,881,779	98
85	28,163	1	300	1	285	4,658	813	638	3,192	15	202,498	202,081	417	291,766	99
169	56,808	1	240	18	1,382	5,700	1,041	747	3,912	----------	306,843	305,121	1,722	425,508	100
170	52,544	6	741	6	496	11,278	1,716	1,624	7,658	280	533,237	523,604	9,633	777,274	101
792	258,745	19	3,462	1	165	89,831	474	10,764	78,541	52	675,248	478,343	196,905	1,825,755	102
170	47,919	67	6,110	4	360	8,992	1,845	754	6,393	----------	315,661	313,823	1,838	458,593	103
71	20,465	----------	----------	----------	----------	1,590	110	448	1,032	----------	128,902	128,655	247	194,561	104
33	8,612	----------	----------	----------	----------	927	186	191	550	----------	46,249	46,101	148	70,583	105
232	78,616	73	10,924	11	1,175	41,727	9,978	3,084	22,085	6,580	622,142	613,060	9,082	900,750	106
370	109,653	----------	----------	26	3,250	38,140	251	5,282	32,557	50	345,658	345,348	310	609,445	107
220	55,256	96	4,868	10	100	8,644	819	1,501	6,324	----------	509,768	507,320	2,448	670,805	108
316	131,601	11	3,044	6	1,002	48,146	23,192	3,400	21,319	235	364,137	356,166	7,971	718,261	109
105	30,589	7	1,260	2	225	7,537	1,936	797	4,784	20	250,103	247,885	2,218	346,430	110
26	6,825	----------	----------	1	150	265	25	110	130	----------	10,163	8,873	1,290	33,240	111
246	68,037	18	2,130	9	954	21,482	4,393	1,642	15,447	----------	334,999	332,456	2,543	549,273	112
65	15,450	38	5,180	19	2,220	1,709	635	446	628	----------	108,140	102,501	639	160,697	113
220	69,990	336	50,194	79	7,992	36,101	5,208	3,421	22,472	5,000	582,306	565,305	17,001	890,493	114
851	233,289	4	372	----------	----------	35,530	1,391	4,109	29,780	300	812,190	761,917	50,273	1,324,807	115
567	152,284	19	3,594	4	505	32,192	2,120	3,396	26,676	----------	572,970	499,427	73,543	919,976	116
17	3,790	----------	----------	----------	----------	868	21	122	225	----------	17,212	16,998	214	31,164	117

SPECIFIED INDUSTRIES: 1900.

56,341	$20,038,339	12,197	$1,963,999	4,164	$443,382	$12,264,602	$697,016	$499,159	$9,872,939	$1,195,488	$74,851,757	$71,649,994	$3,201,763	$132,937,910	1
272	107,080	----------	----------	6	900	26,183	3,500	2,672	20,011	----------	128,434	120,266	8,168	343,291	2
18	11,600	5	1,500	----------	----------	907	600	102	205	----------	18,279	18,049	230	44,867	3
25	7,182	68	16,552	2	150	54,951	2,466	2,357	50,128	----------	479,083	478,138	945	643,819	4
70	22,897	----------	----------	11	1,048	11,880	8,444	583	2,553	250	49,781	48,314	1,467	129,688	5
605	190,139	----------	----------	32	3,653	36,694	22,795	3,748	9,301	850	270,682	250,195	20,487	972,339	6
41	17,690	72	12,905	1	106	8,487	3,146	302	2,889	2,100	19,467	17,940	1,527	96,476	7
128	43,280	3	600	8	859	24,976	20,548	843	1,810	1,775	94,728	92,012	2,716	284,154	8
1,021	187,214	127	18,531	5	374	35,122	760	1,357	33,005	----------	1,159,969	1,156,092	3,877	1,452,480	9
77	23,926	----------	----------	2	200	7,080	1,711	1,428	3,941	----------	143,843	143,165	678	217,540	10
278	89,908	572	87,661	92	13,135	34,554	2,533	2,902	29,119	----------	309,761	304,808	4,953	631,826	11
1,115	134,594	88	15,180	43	4,910	30,165	5,352	3,055	21,733	25	513,596	512,376	1,220	899,620	12
376	149,221	34	6,284	13	1,552	33,540	19,684	3,620	10,236	----------	472,584	457,434	15,150	922,361	13
1,342	394,686	----------	----------	76	9,010	54,788	5,487	5,780	43,436	135	194,653	37,494	157,159	1,006,221	14
48	11,325	3	970	4	470	1,674	1,007	71	344	252	27,376	27,236	140	61,909	15
1,708	671,286	----------	----------	9	1,424	840,615	11,382	4,348	20,576	804,309	1,896,373	1,892,511	3,862	4,051,801	16
208	67,337	----------	----------	----------	----------	13,771	----------	827	12,944	----------	102,745	99,634	3,111	215,014	17
800	328,331	2	450	16	2,180	54,655	14,433	5,678	33,224	1,320	622,782	610,104	12,678	1,473,176	18
4,897	2,447,732	8	1,403	17	3,060	45,406	200	12,279	32,927	----------	3,531,283	3,473,996	57,287	6,277,279	19
25	10,821	----------	----------	----------	----------	3,987	----------	820	3,167	----------	6,160	6,076	84	23,908	20
34	7,628	----------	----------	----------	----------	1,157	25	283	849	----------	8,095	8,095	----------	29,462	21
8	2,158	----------	----------	----------	----------	930	243	107	580	----------	39,951	39,101	850	51,942	22
462	253,501	168	36,602	5	449	54,429	34,545	1,970	13,444	4,470	342,722	337,899	4,823	1,006,045	23
65	16,046	245	35,832	14	1,450	7,175	3,780	905	2,490	----------	277,264	275,050	2,214	417,885	24
7	5,550	321	57,425	----------	----------	11,503	9,558	697	1,248	----------	60,682	58,679	2,003	214,294	25
162	45,899	794	79,663	14	460	93,705	12,328	3,183	78,194	----------	3,718,904	3,705,114	13,790	4,236,622	26

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
27	Coke	5	$1,252,377	$102,000	$94,600	$930,300	$125,477	-------	23	$26,360	785	$225,532
28	Confectionery	44	169,218	11,750	14,300	41,543	101,625	45	47	21,726	230	59,339
29	Cooperage	84	297,697	25,845	54,968	50,611	166,273	100	46	22,124	616	133,763
30	Cotton, ginning	11	13,555	430	3,525	9,600	-------	13	-------	-------	10	1,429
31	Cotton goods	7	4,403,206	108,559	784,481	2,236,136	1,274,030	-------	32	50,387	2,931	668,556
32	Dyeing and cleaning	27	39,075	5,200	14,100	12,500	7,275	28	6	2,546	54	15,032
33	Dye stuffs and extracts	8	385,904	87,923	54,350	72,100	221,531	12	20	22,050	201	58,588
34	Electrical construction and repairs	14	77,152	2,000	3,000	8,948	63,204	13	13	10,814	67	30,297
35	Fertilizers	39	4,908,381	164,328	579,504	483,462	3,681,087	35	112	141,872	1,171	320,774
36	Fish, canning and preserving	5	10,325	200	2,700	1,825	5,600	9	6	550	18	4,545
37	Flavoring extracts	4	54,320	-------	-------	2,070	52,250	5	11	11,320	32	8,837
38	Flouring and grist mill products	1,726	4,682,688	346,139	1,315,467	1,893,212	1,127,870	1,872	101	67,665	790	328,893
39	Foundry and machine shop products	80	6,968,491	516,383	961,290	3,706,138	1,779,680	85	154	154,740	2,912	1,340,143
40	Fruits and vegetables, canning and preserving.	88	218,533	22,500	32,260	47,790	115,983	130	25	3,477	637	77,576
41	Furniture, cabinetmaking, repairing, and upholstering.	91	158,601	14,660	43,615	38,392	61,934	109	5	4,552	162	44,458
42	Furniture, factory product	14	160,179	12,700	27,800	44,955	74,724	18	13	7,275	192	54,949
43	Gas, illuminating and heating	12	2,624,623	100,777	168,523	2,141,807	213,516	-------	58	42,139	133	84,801
44	Gloves and mittens	3	136,300	7,800	29,100	8,400	91,000	4	23	13,700	255	43,900
45	Hand stamps	4	23,025	3,000	7,000	7,800	5,225	4	-------	-------	34	13,442
46	Hosiery and knit goods	15	978,575	26,100	61,307	282,688	608,480	4	38	36,057	1,845	394,871
47	Ice, artificial	30	1,198,981	141,400	211,500	677,882	168,199	20	46	34,934	205	87,193
48	Iron and steel	20	6,686,696	1,300,096	2,462,708	1,090,875	1,832,957	-------	150	208,669	3,097	980,587
49	Ironwork, architectural and ornamental.	4	123,017	7,050	6,550	30,330	79,087	2	13	11,620	141	51,363
50	Leather, tanned, curried, and finished	65	4,032,387	86,547	478,999	219,561	3,247,280	70	59	84,602	889	313,677
51	Lime and cement	23	184,468	34,085	52,904	33,248	64,231	24	25	13,115	264	68,237
52	Liquors, distilled	91	270,943	8,390	34,140	61,892	166,521	93	7	2,594	66	15,021
53	Liquors, malt	6	2,000,954	208,179	700,419	410,563	681,793	-------	72	95,458	300	144,382
54	Liquors, vinous	4	63,632	1,075	14,650	7,275	40,632	3	2	1,800	5	1,200
55	Lock and gun smithing	21	14,200	50	125	3,935	10,090	22	1	600	13	4,984
56	Looking-glass and picture frames	10	16,205	300	500	2,755	12,650	12	6	2,900	10	4,326
57	Lumber and timber products	1,341	9,299,046	2,986,491	630,616	2,703,210	2,978,729	1,789	351	242,496	7,611	2,144,382
58	Lumber, planing mill products, including sash, doors, and blinds.	88	1,618,158	192,812	202,802	936,272	886,272	108	96	74,946	1,333	467,962
59	Marble and stone work	13	238,820	40,620	61,305	62,770	74,125	16	16	25,400	528	169,681
60	Masonry, brick and stone	56	202,286	12,350	22,400	14,741	152,745	77	16	9,986	725	322,085
61	Mattresses and spring beds	20	48,190	2,420	3,010	8,735	34,025	23	8	5,230	89	24,671
62	Millinery, custom work	167	297,231	21,625	53,455	7,309	214,842	181	50	13,270	372	90,318
63	Mineral and soda waters	27	126,650	48,350	16,400	44,650	17,250	29	7	5,180	82	27,283
64	Monuments and tombstones	57	135,583	21,211	13,882	12,187	88,303	69	7	5,048	182	79,370
65	Oil, essential	13	13,884	145	3,120	4,719	5,900	22	2	519	29	6,819
66	Painting, house, sign, etc	118	98,437	8,155	12,595	11,905	65,782	146	6	2,036	415	161,488
67	Paper and wood pulp	7	2,281,903	79,450	505,180	1,216,506	480,767	-------	34	58,250	302	102,998
68	Paper hanging	28	77,070	19,200	17,400	2,145	38,325	40	3	1,516	111	50,016
69	Patent medicines and compounds	14	80,065	1,500	10,500	18,405	49,660	13	15	11,215	59	15,243
70	Paving and paving materials	13	47,228	13,675	4,050	10,058	19,445	17	10	4,832	184	60,560
71	Photography	69	100,750	4,070	10,080	50,575	36,025	80	7	2,585	83	31,564
72	Pickles, preserves, and sauces	7	35,750	1,500	8,200	5,625	20,425	4	3	2,380	36	7,087
73	Pipes, tobacco	3	8,070	365	950	5,880	875	3	-------	-------	21	4,675
74	Plastering and stuccowork	27	28,172	2,010	3,900	7,132	15,130	35	1	500	111	51,221
75	Plumbing, and gas and steam fitting	117	331,760	31,980	46,350	37,908	215,522	158	32	16,666	561	246,906
76	Pottery, terra cotta, and fire-clay products.	5	309,361	12,620	139,239	82,571	74,931	6	10	13,384	100	23,892
77	Printing and publishing, book and job	86	1,481,259	22,800	41,900	456,113	960,446	102	107	93,571	682	282,982
78	Printing and publishing, newspapers and periodicals.	162	1,126,736	34,000	75,525	625,534	391,677	160	178	107,831	771	388,618
79	Roofing and roofing materials	34	563,145	149,003	63,505	72,965	277,672	41	21	13,913	552	157,482
80	Saddlery and harness	135	270,982	19,405	36,760	22,815	192,002	166	18	9,578	199	72,612
81	Sewing machine repairing	5	1,511	100	200	286	925	7	-------	-------	3	2,360
82	Ship and boat building, wooden	27	320,982	131,270	27,240	121,150	41,322	35	10	10,100	187	97,681
83	Shirts	9	78,790	2,000	42,000	14,540	20,250	12	18	12,100	209	49,181
84	Silk and silk goods	3	594,359	12,600	174,440	210,200	197,119	2	12	12,678	473	105,056
85	Slaughtering and meat packing, wholesale.	3	156,500	34,000	23,000	21,500	78,000	4	17	13,140	42	17,884
86	Tinsmithing, coppersmithing, and sheet-iron working.	143	357,854	44,636	56,370	50,829	206,019	169	25	15,234	408	170,346
87	Tobacco, chewing, smoking, and snuff	69	5,728,357	137,225	502,960	762,027	4,326,145	85	509	486,135	6,061	1,082,226
88	Tobacco, cigars and cigarettes	89	780,261	25,380	80,800	230,052	444,079	95	126	196,092	2,595	586,115
89	Tobacco, stemming and rehandling	54	2,454,595	29,250	121,050	128,750	2,175,545	89	135	91,590	3,159	454,019
90	Trunks and valises	7	310,136	14,409	53,821	22,771	219,135	6	68	54,923	673	166,916
91	Typewriter repairing	3	1,775	-------	-------	375	1,400	1	1	300	4	2,390
92	Upholstering materials	3	4,850	250	1,300	2,200	1,100	3	2	385	10	1,687
93	Vinegar and cider	14	31,181	6,172	3,235	9,715	12,059	20	3	1,320	45	7,348
94	Watch, clock, and jewelry repairing	151	180,609	29,330	29,038	39,633	82,108	170	6	4,640	123	66,752
95	Wirework, including wire rope and cable.	4	3,460	100	200	240	2,920	6	-------	-------	2	588

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
773	$223,872			12	$1,660	$37,145	$20,315	$2,100	$14,730		$677,269	$674,189	$3,080	$1,072,684	27
167	52,016	45	$6,115	18	1,208	20,678	13,818	1,248	5,612		401,838	396,781	5,057	636,842	28
598	132,045			18	1,718	13,781	3,759	1,433	8,489	$100	322,793	321,388	1,405	586,961	29
10	1,429					208	36	92	80		1,990	1,696	294	7,449	30
1,280	392,540	1,000	202,906	651	73,110	135,173	1,800	24,620	108,753		1,412,332	1,377,623	34,709	2,655,002	31
38	12,330	14	2,492	2	260	6,433	3,363	322	2,738	10	9,459	7,314	2,145	63,978	32
183	56,988	15	1,200	3	400	17,739	1,081	1,955	14,703		307,481	292,068	15,413	479,372	33
67	30,297					6,319	2,689	355	3,275		119,220	118,678	542	192,476	34
1,171	320,774					306,382	6,187	27,040	272,844	311	2,161,423	2,105,760	55,663	3,415,850	35
11	2,995	6	1,325	1	225	496	90	6	400		13,239	13,179	60	24,700	36
16	5,730	16	3,107			17,788	1,378	330	16,080		64,299	63,883	416	129,590	37
783	327,515	4	1,000	3	378	145,014	29,277	30,870	85,292	75	10,514,361	10,465,605	48,756	12,687,267	38
2,829	1,322,790			83	17,353	158,129	15,418	15,866	121,752	5,093	2,665,062	2,517,000	148,062	4,833,187	39
196	33,915	312	33,577	129	10,084	7,289	1,178	913	5,203		342,689	337,502	5,187	535,900	40
143	42,170	14	1,750	5	538	9,901	6,546	916	2,154	285	78,810	77,623	1,187	233,801	41
187	54,612			5	337	7,776	415	572	6,489	300	87,360	84,768	2,592	212,972	42
133	84,801					78,832		21,688	57,144		130,759	126,885	3,874	483,351	43
40	14,700	188	26,700	27	2,500	11,600		1,120	5,480	5,000	174,190	168,772	5,418	265,925	44
28	12,346	3	800	3	296	2,672	265	180	2,227		9,378	8,758	620	43,300	45
601	179,267	988	185,013	256	30,591	119,198	31,998	5,887	81,313		797,818	779,059	18,759	1,498,066	46
205	87,193					37,174	1,350	6,850	28,974		106,823	33,749	72,574	427,974	47
3,094	980,257			3	330	248,314	16,050	35,463	196,801		5,498,672	3,745,265	1,753,407	8,341,888	48
141	51,363					28,339	1,560	605	21,174		193,333	190,289	3,044	336,610	49
886	313,256			3	421	252,548	7,010	9,430	236,103	5	3,695,817	3,688,292	7,525	4,716,920	50
259	67,876			5	361	12,766	5,595	665	2,593	3,913	65,998	37,966	28,032	198,785	51
66	15,021					147,304	321	1,588	145,395		56,520	47,795	8,725	257,385	52
300	144,382					374,865		8,299	366,566		215,923	184,393	31,530	972,820	53
5	1,200					2,110		400	1,710		16,413	16,305	108	29,970	54
18	4,984					2,197	1,842	142	213		7,518	7,253	265	29,853	55
10	4,326					3,503	2,710	136	657		12,520	12,420	100	32,356	56
7,244	2,109,579	157	17,384	210	17,419	327,615	16,229	42,734	264,787	3,865	6,768,381	6,763,494	337	12,137,177	57
1,327	467,297	1	180	5	485	163,314	13,548	9,271	47,732	92,763	1,625,501	1,613,038	12,463	2,686,898	58
528	169,681					15,088	429	1,121	12,038	1,500	67,956	52,849	15,107	332,081	59
722	321,581			3	504	143,118	1,389	382	9,647	131,200	960,620	959,241	1,379	1,625,564	60
78	21,657	11	2,314	5	700	10,195	2,852	823	6,860	160	79,760	79,103	657	149,412	61
7	2,589	360	87,330	5	399	42,864	31,700	2,612	7,782	770	334,840	332,553	2,287	655,887	62
74	25,910			8	1,373	6,596	1,623	1,062	3,911		47,975	47,643	332	124,937	63
181	79,110			1	260	11,857	3,011	990	4,606	3,250	125,709	124,742	967	306,453	64
29	6,819					691	188	51	457		21,807	20,561	1,246	37,772	65
414	161,338			1	150	10,883	7,127	574	3,162	20	139,870	139,405	465	448,258	66
242	92,145	60	10,848			57,829	400	6,388	51,041		410,640	366,828	43,812	850,386	67
105	49,206	4	550	2	260	7,449	4,718	423	2,158	150	48,802	48,461	341	142,321	68
44	13,415	8	1,084	7	744	11,182	2,985	427	7,770		90,116	88,345	1,771	187,347	69
183	60,360			1	200	1,642	810	310	372	150	74,491	73,297	1,194	186,288	70
65	27,044	16	4,260	2	260	22,381	15,055	2,486	4,511	329	53,040	51,703	1,337	187,377	71
27	5,692	7	1,080	2	315	1,874	500	279	1,095		41,530	41,077	453	78,190	72
13	3,580	6	980	2	115	93		57	36		3,335	2,660	675	9,100	73
111	51,221					1,809	1,071	274	464		50,035	49,510	525	135,017	74
550	245,079			11	1,827	30,081	20,103	8,298	6,680		484,362	480,863	3,999	1,072,414	75
90	22,006	2	567	8	1,319	12,111		857	11,254		34,455	22,440	12,015	88,178	76
509	250,820	157	30,079	16	2,083	135,977	18,888	6,354	44,568	66,222	332,221	320,700	11,521	1,084,027	77
635	315,928	48	13,065	88	9,625	167,482	28,169	5,822	95,563	43,428	212,821	198,495	14,326	1,145,577	78
508	152,813			44	4,619	18,056	4,405	2,568	11,053	30	161,375	149,380	11,995	429,008	79
197	72,392			2	220	19,222	12,546	1,584	5,062	30	254,695	252,288	2,407	516,247	80
3	2,360					470	390	25	55		2,787	2,742	45	8,620	81
187	97,681					10,582	942	1,219	8,421		72,418	67,716	4,702	263,802	82
29	12,611	165	34,470	15	2,100	27,890	2,610	195	21,385	3,700	44,874	43,010	1,864	161,143	83
144	61,294	228	31,885	101	11,877	15,300		1,168	12,697	1,435	720,525	713,848	6,677	981,630	84
42	17,884					2,588		988	1,600		477,230	475,020	2,210	1,824,620	85
390	168,006			18	2,340	31,982	15,618	2,137	14,177	50	358,160	353,504	4,656	767,603	86
3,119	756,569	1,987	251,650	955	74,007	4,069,746	29,612	65,846	3,974,288		4,082,291	4,023,772	58,519	10,707,766	87
676	214,960	1,791	355,268	128	15,887	2,480,961	12,507	7,206	2,460,423	825	1,192,583	1,186,202	6,381	4,843,641	88
1,408	264,031	1,381	157,977	370	32,011	160,171	43,877	25,886	88,088	2,320	4,453,205	4,429,127	24,078	5,726,859	89
645	162,266	15	3,000	13	1,650	49,319	1,485	3,829	44,005		340,398	338,934	1,464	696,909	90
4	2,390					410	300		110		1,480	1,470	10	7,150	91
10	1,687					600	300	63	237		8,415	8,315	100	13,575	92
41	6,855	4	493			1,940	825	180	935		22,671	21,946	725	55,495	93
117	65,758	2	400	4	594	23,630	17,665	1,267	3,698	1,000	45,419	43,526	1,893	241,721	94
2	588					194	168	6	20		1,892	1,867	25	6,820	95

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
96	Wood, turned and carved	9	$44,390	$590	$8,500	$14,950	$20,350	14	4	$3,220	65	$19,615
97	Woodenware, not elsewhere specified	3	608,050	200,900	75,550	181,000	150,600	2	21	37,500	650	166,300
98	Woolen goods	28	783,527	44,656	116,971	180,252	441,648	16	39	37,667	362	103,773
99	All other industries[1]	75	20,228,361	3,859,447	3,910,728	2,735,304	9,722,882	67	257	358,943	7,756	3,160,449

[1] Embraces artificial limbs, 1; babbitt metal and solder, 1; bags, other than paper, 2; bags, paper, 1; baskets, and rattan and willow ware, 1; bluing, 2; boxes, cigar, 2; brass castings and brass finishing, 1; bridges, 1; chemicals, 1; cleansing and polishing preparations, 1; clothing, women's, factory product, 2; copper, smelting and refining, 1; dentists' materials, 1; druggists' preparations, not including prescriptions, 1; explosives, 1; fireworks, 2; food preparations, 2; fur goods, 1; furnishing goods, men's, 1; glass, 2; glass, cutting, staining, and ornamenting, 2; graphite and graphite refining, 1; grease and tallow, 2; hairwork, 2; hats and caps, not including fur hats and wool hats, 2; jewelry, 1; kaolin and other earth grinding, 2; lead, smelting and refining, 1; lithographing and engraving, 2; models and

TABLE 8.—MANUFACTURES IN CITIES

NORFOLK.

1	All industries	445	$6,425,099	$506,425	$685,162	$2,025,063	$3,208,449	523	333	$266,227	4,334	$1,571,229
2	Agricultural implements	3	219,537	80,000	16,000	44,695	128,842	8	15	10,422	100	46,500
3	Awnings, tents, and sails	4	8,120			1,230	6,890	7			20	12,500
4	Bicycle and tricycle repairing	10	19,175			1,600	17,575	12	2	1,440	12	2,710
5	Blacksmithing and wheelwrighting	19	19,208	3,350	3,025	3,398	9,435	21	2	2,236	39	18,814
6	Boots and shoes, custom work and repairing.	55	16,795	3,100	2,925	2,890	7,880	55			23	7,770
7	Bread and other bakery products	15	59,300	18,200	18,800	10,400	11,900	16	10	6,016	93	34,888
8	Carpentering	22	85,775	12,300	11,100	7,725	54,650	26	3	2,400	271	133,300
9	Carriages and wagons	7	172,150	2,500	2,750	23,550	143,350	11	7	7,000	132	56,050
10	Clothing, men's, custom work and repairing.	32	87,561	500	1,500	4,125	81,436	41	6	4,600	125	69,590
11	Clothing, women's, dressmaking	31	13,005	250	750	2,905	9,100	33	3	1,920	122	26,895
12	Coffee and spice, roasting and grinding	5	292,486			30,931	261,555		25	29,261	346	51,821
13	Confectionery	7	46,222	5,000	3,000	12,153	26,069	8	22	8,718	48	11,900
14	Cooperage	7	36,700	10,000	10,500	875	15,325	9	2	960	66	18,207
15	Dyeing and cleaning	4	7,600	1,000	1,000	3,850	1,750	4	1	900	22	6,514
16	Electrical construction and repairs	4	8,450			3,050	5,400	5	1	1,200	21	8,160
17	Fertilizers	4	1,529,679	63,000	141,000	136,000	1,189,679	3	27	28,950	274	74,212
18	Foundry and machine shop products	7	176,460	27,000	19,370	52,000	78,090	10	12	13,690	175	83,514
19	Furniture, cabinetmaking, repairing, and upholstering.	5	2,850			600	2,250	7			9	4,168
20	Hosiery and knit goods	8	284,720	10,000	20,000	70,189	184,531		8	6,572	452	117,399
21	Ice, artificial	5	489,387	69,000	104,000	245,000	71,387	2	9	7,600	49	25,827
22	Lock and gun smithing	4	1,000			325	675	4			3	1,260
23	Lumber and timber products	3	166,650	25,200	5,750	50,000	85,700	5	21	12,900	68	32,760
24	Lumber, planing mill products, including sash, doors, and blinds.	6	183,725	36,125	22,750	17,750	107,100	8	6	4,320	75	37,230
25	Masonry, brick and stone	5	45,350	500	1,000	3,700	40,150	8	4	3,470	145	80,004
26	Millinery, custom work	9	36,015	2,700	7,000	415	25,900	9	8	1,520	41	11,078
27	Monuments and tombstones	3	16,650	1,000	1,500	1,250	12,900	4	1	500	12	6,190
28	Painting, house, sign, etc	15	8,640	400	700	1,865	5,675	19			56	22,325
29	Paper hanging	3	14,150	200	400	550	13,000	3			35	15,800
30	Patent medicines and compounds	4	2,550			500	2,050	5			6	1,404
31	Paving and paving materials	4	8,568		300	1,123	7,145	5	7	4,200	83	30,550
32	Photography	7	17,600			11,500	6,100	7	1	350	19	9,916
33	Plumbing, and gas and steam fitting	18	64,935	9,000	15,500	6,160	34,275	28	4	2,720	121	57,612
34	Printing and publishing, book and job	15	75,618			45,800	29,818	19	7	4,010	73	32,884
35	Printing and publishing, newspapers and periodicals.	6	110,274	550	3,000	72,046	34,678	6	30	25,280	95	56,436
36	Roofing and roofing materials	4	23,172			4,032	19,140	7	3	2,637	48	18,950
37	Ship and boat building, wooden	6	184,550	70,000	12,200	77,350	25,000	9	8	7,900	104	50,926
38	Shirts	3	6,850	2,000	2,000	350	2,500	4	2	500	19	4,000
39	Tinsmithing, coppersmithing, and sheet-iron working.	14	58,262	8,000	5,500	5,820	33,942	17	9	5,030	115	55,218
40	Tobacco, cigars and cigarettes	12	46,254	500	1,000	4,545	40,209	14	6	3,700	89	30,111
41	Watch, clock, and jewelry repairing	16	13,660	350	1,000	5,775	6,535	23	1	2,000	24	16,535
42	All other industries[1]	39	1,770,446	94,700	249,842	1,057,041	368,863	41	60	51,305	704	189,301

[1] Embraces bags, other than paper, 1; bottling, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; brick and tile, 2; bridges, 1; clothing, men's, factory product, 2; flavoring extracts, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; hats and caps, not including fur hats and wool hats, 1; ironwork, architectural and ornamental, 2; liquors, malt, 1; looking-glass and picture frames, 2; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda

PETERSBURG.

1	All industries	225	$3,960,987	$141,387	$595,774	$1,153,793	$2,070,033	242	251	$227,544	4,730	$1,043,550
2	Blacksmithing and wheelwrighting	11	1,705	200	150	475	880	13			9	2,530
3	Boots and shoes, custom work and repairing.	10	1,641			770	871	10			9	2,440
4	Bread and other bakery products	10	15,240	4,100	7,550	1,440	2,150	10	6	1,290	23	4,404
5	Carpentering	34	21,571	5,000	11,200	1,736	3,635	37	1	500	128	36,745
6	Carriages and wagons	7	22,790	3,800	7,800	1,675	9,515	10	1	480	23	9,020

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
63	$18,615			2	$1,000	$6,530	$475	$102	$5,953		$50,411	$49,131	$1,280	$107,398	96
566	151,950	40	$9,100	45	5,250	22,657		2,926	19,731		230,549	230,529	20	497,850	97
214	72,954	127	28,506	21	2,313	22,780	1,770	2,015	18,125	$870	391,659	382,515	9,144	627,581	98
6,779	3,012,097	505	84,036	472	64,316	422,536	25,213	33,346	353,134	10,843	5,284,499	4,926,108	358,391	10,189,558	99

patterns, 1; musical instruments, organs and materials, 1; oysters, canning and preserving, 1; paints, 1; paper hanging, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; printing and publishing, music, 2; printing materials, 1; regalia and society banners and emblems, 1; salt, 1; shipbuilding, iron and steel, 2; show cases, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 2; steam packing, 1; stencils and brands, 1; stereotyping and electrotyping, 1; taxidermy, 1; tin and terne plate, 1; tools, not elsewhere specified, 1; umbrellas and canes, 1; varnish, 1; washing machines and clothes wringers, 2; wood, preserving, 2; zinc, smelting and refining, 1.

BY SPECIFIED INDUSTRIES: 1900.

NORFOLK.

3,206	$1,376,071	1,023	$180,972	105	$14,186	$701,597	$107,723	$39,827	$304,594	$249,453	$5,283,975	$5,178,011	$105,964	$9,397,355	1
96	45,800			4	700	7,994	3,500	1,094	3,400		45,925	42,765	3,160	126,095	2
18	11,600	2	900			755	570	15	170		14,329	14,170	159	85,292	3
11	2,660			1	50	1,665	1,272	148	245		10,680	10,565	115	24,855	4
35	18,516			4	298	3,611	2,896	227	488		15,877	15,077	800	65,242	5
20	7,410			3	360	7,557	5,154	328	505	1,575	20,601	20,195	406	63,878	6
69	30,520	24	4,868			7,226	4,310	791	2,125		116,748	114,262	2,486	237,835	7
270	133,000			1	300	163,425	2,221	755	3,666	156,783	332,603	332,137	466	721,977	8
132	56,050					17,280	4,200	730	12,350		182,611	179,095	3,516	309,950	9
94	62,708	29	6,632	2	250	16,249	7,569	690	4,690	3,300	86,761	85,648	1,113	231,233	10
4	3,500	118	23,395			2,997	2,441	151	405		18,086	17,705	381	68,750	11
46	15,330	300	35,991			54,875	7,710	905	46,260		1,320,712	1,316,272	4,440	1,513,809	12
27	9,000	19	2,600	2	300	5,476	2,850	137	2,489		148,062	147,224	838	208,580	13
65	18,082			1	125	2,641	1,350	566	725		38,945	38,620	325	68,805	14
19	5,932	2	400	1	182	1,417	615	12	780	10	2,123	1,476	647	17,340	15
21	8,160					1,281	615	81	585		11,695	11,615	80	26,865	16
274	74,212					72,817	1,800	8,274	62,743		844,665	829,844	14,821	1,214,533	17
175	83,514					9,932	2,333	1,482	6,117		113,651	108,363	5,288	299,488	18
9	4,168					1,183	940	25	218		5,819	5,285	34	15,012	19
165	56,096	248	56,330	39	4,973	39,323	7,950	3,340	28,033		229,902	224,348	5,554	453,115	20
49	25,827					13,530	250	3,290	9,990		39,241	12,365	26,876	115,683	21
3	1,260					400	350		50		602	589	13	3,944	22
68	32,760					11,150	10	1,190	9,950		104,780	104,780		228,009	23
75	37,230					6,530	2,220	1,810	2,500		212,275	210,350	1,925	313,400	24
142	79,500			3	504	79,416	646	100	670	78,000	255,540	255,155	385	460,200	25
2	664	39	10,414			5,986	4,300	501	1,185		24,952	24,775	177	59,600	26
12	6,190					3,890	970	352	2,568		19,866	19,792	74	40,187	27
55	22,175			1	150	2,371	1,463	168	740		19,812	19,665	147	64,952	28
33	15,500	2	300			1,579	940	57	582		14,027	13,955	72	39,023	29
4	1,020	2	384			937	535	70	332		3,693	3,625	68	8,834	30
82	30,350			1	200	775	420	65	140	150	38,984	38,215	769	91,698	31
14	7,866	5	2,050			5,925	4,560	505	860		9,680	9,450	230	37,000	32
114	56,606			7	1,006	5,884	3,150	949	1,285		96,613	95,650	963	214,767	33
65	31,408	5	1,020	3	456	11,693	2,936	376	1,381	7,000	33,242	32,381	861	108,331	34
90	55,740	4	600	1	96	17,190	3,750	489	12,451	500	25,285	22,696	2,589	158,951	35
46	18,590			2	360	2,068	922	60	1,086		34,652	34,392	260	71,760	36
104	50,926					4,071	442	823	2,806		32,164	29,239	2,925	129,148	37
1	600	18	3,400			1,176	300	36	140	700	9,870	9,760	110	21,000	38
107	58,792			8	1,426	7,137	3,817	609	2,711		81,135	80,142	993	177,059	39
88	29,851	1	260			14,091	2,396	357	11,338		44,216	44,063	153	110,836	40
23	16,285			1	250	2,936	2,130	111	695		8,502	8,182	320	41,250	41
479	155,178	205	31,928	20	2,200	85,658	10,870	8,218	65,140	1,435	615,549	594,124	21,425	1,199,223	42

waters, 2; models and patterns, 1; plastering and stuccowork, 2; saddlery and harness, 2; sewing machine repairing, 2; silk and silk goods, 1; slaughtering, wholesale, not including meat packing, 1; trunks and valises, 2; umbrellas and canes, 1; vinegar and cider, 2.

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2,729	$801,127	1,615	$206,061	386	$36,362	$658,689	$30,999	$48,129	$526,186	$53,375	$3,747,656	$3,695,090	$52,566	$6,464,464	1
9	2,530					515	450	59	6		2,654	2,454	200	9,350	2
9	2,440					669	642	24	3		3,242	3,113	129	10,902	3
19	4,076	1	96	3	232	1,166	740	302	124		18,055	17,261	794	36,273	4
128	36,745					54,240	757	403	580	52,500	52,784	52,504	280	185,367	5
23	9,020					946	610	220	116		8,062	7,818	244	26,840	6

TABLE 8.—MANUFACTURES IN CITIES

PETERSBURG—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Clothing, men's, custom work and repairing.	7	$7,970			$475	$7,495	8			32	$10,770
8	Clothing, women's, dressmaking	7	3,824	$1,100	$2,500	224		7			14	1,643
9	Coffee and spice, roasting and grinding	5	91,000	7,000	24,000	12,000	48,000	4	14	$10,842	169	19,950
10	Cotton goods	4	635,538	31,000	100,000	391,700	109,838		12	13,391	712	121,625
11	Foundry and machine shop products	4	88,200	4,000	8,500	42,500	33,200	4	7	5,680	155	67,140
12	Furniture, cabinetmaking, repairing, and upholstering.	4	2,720	500	900	325	995	4			11	3,685
13	Lumber, planing mill products, including sash, doors, and blinds.	3	26,450	4,000	4,150	7,500	10,800	3	1	900	52	11,000
14	Masonry, brick and stone	3	17,353	3,150	7,600	103	6,500	10	3	1,560	65	23,600
15	Millinery, custom work	6	8,800			275	8,525	5	3	330	30	6,355
16	Monuments and tombstones	3	9,425	450	750	625	7,600	4	1	750	38	13,050
17	Painting, house, sign, etc	11	6,715	1,500	3,200	415	1,600	16			23	6,217
18	Plastering and stuccowork	7	3,490	900	1,950	180	460	8			22	5,320
19	Plumbing, and gas and steam fitting	5	8,300			2,400	5,900	6	2	1,000	20	9,200
20	Printing and publishing, book and job	4	35,690	1,000	1,500	24,840	8,250	6	2	1,200	27	6,160
21	Printing and publishing, newspapers and periodicals.	3	18,150	2,000	5,000	7,750	3,400	2	7	2,980	17	7,280
22	Tinsmithing, coppersmithing, and sheet-iron working.	7	6,640	1,200	1,500	1,015	2,925	9			12	4,610
23	Tobacco, chewing, smoking, and snuff	6	1,309,696	27,487	176,074	198,701	907,434	7	67	96,120	1,298	255,895
24	Tobacco, cigars and cigarettes	4	6,275			375	5,900	4			8	3,325
25	Tobacco, stemming and rehandling	9	381,185	12,000	50,000	49,200	269,985	16	16	12,048	471	81,926
26	Trunks and valises	4	140,650	8,600	20,400	14,150	102,500	3	54	35,178	510	127,016
27	Watch, clock, and jewelry repairing	6	3,365			1,630	1,735	6			4	1,888
28	All other industries [1]	36	1,086,704	27,400	161,050	388,314	509,940	30	54	43,450	848	200,756

[1] Embraces bicycle and tricycle repairing, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; confectionery, 2; cooperage, 2; dye stuffs and extracts, 1; fertilizers, 1; flouring and grist mill products, 2; gas, illuminating

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1	All industries	763	$20,848,620	$2,252,946	$2,877,697	$6,164,891	$10,053,086	801	1,166	$1,266,270	16,692	$5,181,659
2	Baking and yeast powders	6	149,928			6,130	143,798	5	34	32,660	82	21,094
3	Bicycle and tricycle repairing	12	16,877			6,042	10,835	15	2	728	26	9,024
4	Blacksmithing and wheelwrighting	49	42,311	6,800	9,425	6,716	19,370	53	3	1,720	99	42,562
5	Bookbinding and blank book making	6	83,211			38,776	44,435	8	15	9,808	114	30,701
6	Boots and shoes, custom work and repairing.	66	20,882	1,600	2,500	5,351	11,431	67			55	19,069
7	Bottling	3	21,100	11,750	5,750	3,300	300		5	3,720	14	5,800
8	Boxes, fancy and paper	6	337,262	25,500	77,500	112,581	121,681	8	15	26,284	801	168,609
9	Boxes, wooden packing	3	131,188	4,742	32,593	26,113	67,740	3	7	7,768	109	35,991
10	Bread and other bakery products	17	85,854	11,200	24,800	19,661	30,193	18	20	9,258	162	66,618
11	Brick and tile	5	117,250	24,250	18,500	21,000	53,500	5	4	2,800	139	36,244
12	Brooms and brushes	4	5,305	900	600	650	3,155	5	4	1,860	36	8,505
13	Carriages and wagons	16	121,796	26,600	29,900	7,391	57,905	21	2	2,200	120	51,360
14	Carpentering	56	189,479	34,600	27,700	23,715	103,464	64	9	5,536	368	143,847
15	Cars and general shop construction and repairs by steam railroad companies.	3	210,433	18,000	46,000	29,560	116,873		17	13,930	707	351,084
16	Clothing, men's, custom work and repairing.	39	97,700	7,200	4,800	3,745	81,955	44	8	6,440	182	92,868
17	Clothing, women's, dressmaking	26	25,233	7,300	9,200	2,555	6,178	26			58	14,405
18	Confectionery	18	62,261	4,900	6,350	18,140	32,871	11	18	9,888	85	24,931
19	Cooperage	4	13,615	3,000	3,000	165	7,450	7	1	624	32	5,576
20	Dyeing and cleaning	12	23,715	4,200	13,100	3,795	2,620	12	4	1,502	20	6,062
21	Electrical construction and repairs	6	56,277			2,373	53,904	3	12	9,614	34	15,117
22	Fertilizers	6	2,163,731	51,000	269,000	154,297	1,689,434	2	27	62,036	423	121,982
23	Foundry and machine shop products	18	5,164,103	370,768	710,006	2,878,701	1,204,628	18	85	86,706	1,551	774,628
24	Furniture, cabinetmaking, repairing, and upholstering.	23	34,362	5,450	10,300	3,070	15,542	27			31	10,554
25	Ice, artificial	3	222,500	22,000	27,000	115,000	58,500	1	8	7,680	15	10,800
26	Lock and gun smithing	5	850			400	450	6			2	600
27	Looking-glass and picture frames	4	9,800			1,300	8,500	4	6	2,900	8	3,012
28	Lumber, planing mill products, including sash, doors, and blinds.	7	391,455	44,500	57,655	94,240	195,060	7	29	24,938	317	122,672
29	Millinery, custom work	14	41,847			1,047	40,800	18	21	6,166	83	25,200
30	Mineral and soda waters	6	55,450	30,300	5,700	14,950	4,500	7	8	1,800	32	13,845
31	Monuments and tombstones	7	31,300	8,975	1,625	1,650	19,050	7	1	468	42	22,770
32	Painting, house, sign, etc	26	23,946	1,300	2,850	3,368	16,428	34			117	48,368
33	Paper hanging	9	23,475	6,000	5,000	675	11,800	13	1	1,000	44	22,756
34	Paving and paving materials	3	13,420	3,500	3,100	1,820	5,000	3			45	15,000
35	Photography	8	9,150			4,500	4,650	11	3	1,300	19	6,715
36	Plastering and stuccowork	7	4,220			990	3,230	8			23	12,350

BY SPECIFIED INDUSTRIES: 1900—Continued.

PETERSBURG—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
21	$9,030	10	$1,675	1	$65	$1,743	$1,070	$89	$584		$12,489	$12,310	$179	$34,555	7
		14	1,643			582	520	53	9		263	129	134	4,861	8
33	8,700	136	11,250			4,940	1,335	1,155	2,450		505,970	503,680	2,290	573,250	9
177	47,577	372	60,229	163	13,819	25,916	1,800	4,785	19,331		350,564	342,712	7,852	531,673	10
155	67,140					3,967	900	910	2,157		29,814	27,689	2,125	140,850	11
10	3,610	1	75			444	361	53	30		4,959	4,905	54	11,270	12
52	11,000					1,060	60	210	790		32,080	31,780	300	52,325	13
65	23,600					504	60	341	103		37,446	37,376	70	72,568	14
2	625	28	5,730			1,701	1,375	170	156		13,123	13,050	73	25,300	15
38	13,050					607	180	67	360		8,701	8,571	130	29,150	16
23	6,217					470	331	93	46		7,538	7,461	77	22,410	17
22	5,320					197	108	82	7		4,681	4,581	100	14,325	18
20	9,200					1,077	826	146	105		14,564	14,480	84	32,950	19
25	5,760	2	400			1,761	960	281	520		17,352	16,689	663	43,486	20
17	7,280					1,782	240	423	1,119		4,484	4,203	281	31,901	21
12	4,610					545	344	91	110		10,596	10,509	87	17,511	22
686	199,089	523	49,546	89	7,260	469,899		20,194	449,705		823,678	810,328	13,350	1,865,153	23
8	3,325					1,327	342	83	902		4,129	4,087	42	11,765	24
294	56,288	164	23,963	18	1,725	15,461	1,500	5,494	8,467		333,854	328,973	4,881	490,136	25
487	123,366	10	2,000	13	1,650	16,304	985	2,559	12,760		248,414	247,314	1,100	468,754	26
4	1,888					1,811	852	82	77	$800	865	774	91	8,900	27
390	139,691	354	49,454	104	11,611	49,055	13,651	9,810	25,519	75	1,197,345	1,180,389	16,956	1,712,649	28

and heating, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; ice, artificial, 2; lock and gun smithing, 2; mineral and soda waters, 2; paper hanging, 1; paving and paving materials, 1; photography, 2; saddlery and harness, 2; silk and silk goods, 1; soap and candles, 1; stereotyping and electrotyping, 1; upholstering materials, 1.

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11,565	$4,292,348	4,399	$796,997	728	$92,314	$6,158,301	$181,456	$132,687	$5,263,566	$580,592	$13,161,697	$12,838,895	$322,802	$28,900,616	1
18	5,322	62	15,622	2	150	47,891	2,406	1,957	43,528		453,616	452,731	885	598,319	2
23	8,714			3	310	4,289	3,145	115	779	250	11,111	10,597	514	35,431	3
93	41,802			6	760	8,446	4,360	480	3,606		31,185	29,401	1,784	122,522	4
41	17,690	72	12,905	1	106	8,041	3,066	297	2,878	1,800	19,237	17,720	1,517	95,276	5
51	18,336	1	500	3	238	7,483	6,631	155	697		24,613	23,698	915	76,289	6
14	5,800					685	150	465	70		25,908	25,608	300	40,757	7
261	83,623	453	72,331	87	12,655	31,497	1,026	2,822	27,649		280,550	276,363	4,187	548,826	8
95	34,011	11	1,380	3	600	13,289	1,660	1,188	10,441		93,062	92,847	215	175,857	9
154	64,898	7	1,520	1	200	8,224	4,918	869	2,437		161,603	157,261	4,342	300,790	10
137	36,140			2	104	3,230	500	940	1,790		19,174	1,945	17,229	83,600	11
30	7,205	3	900	3	400	1,420	900	20	300	200	14,006	13,879	127	38,893	12
118	51,160			2	200	14,054	4,800	1,478	6,876	900	50,117	48,460	1,657	163,444	13
367	143,677			1	170	395,136	3,516	1,725	4,919	384,976	286,411	286,006	405	982,125	14
702	350,124	5	960			8,698		1,314	7,384		269,853	262,282	7,571	647,155	15
150	84,609	31	8,155	1	104	14,801	10,127	660	3,714	300	86,131	85,068	1,063	262,225	16
3	2,050	55	12,355			4,303	3,483	300	520		8,226	7,466	760	48,409	17
72	22,948	9	1,515	4	468	8,914	6,160	715	2,039		137,278	134,685	2,593	233,217	18
32	5,576					1,182	796	146	240		22,875	22,850	25	32,390	19
13	4,792	6	1,192	1	78	3,145	1,156	295	1,694		5,015	4,062	953	32,070	20
34	15,117					4,541	1,914	62	2,565		95,221	94,805	416	142,911	21
423	121,982					136,300		10,712	125,588		621,597	600,557	21,040	1,045,063	22
1,480	758,768			71	15,860	104,920	4,737	9,173	86,717	4,293	1,559,393	1,486,622	72,771	2,594,186	23
31	10,554					3,882	2,880	307	645		22,676	22,291	385	59,320	24
15	10,800					5,790	400	1,200	4,190		14,138	2,795	11,338	64,982	25
2	600					338	290	3	45		2,160	2,115	45	6,635	26
8	3,012					2,548	2,040	118	390		7,575	7,530	45	23,256	27
317	122,672					110,928	3,990	4,094	14,044	88,800	249,966	248,056	1,910	561,886	28
3	1,300	79	23,770	1	130	10,931	7,692	367	2,122	750	79,750	79,390	360	153,420	29
32	13,845					2,943	400	630	1,913		17,259	17,119	140	43,760	30
42	22,770					971	80	198	443	250	13,157	12,866	291	43,300	31
117	48,368					3,172	2,116	42	1,014		38,954	38,849	105	124,641	32
42	22,496			2	260	2,941	1,824	116	901	100	13,996	13,884	112	56,875	33
45	15,000					197	90	97	10		18,690	18,690		48,950	34
16	6,065	1	390	2	260	3,877	2,610	582	685		8,917	8,853	64	36,086	35
28	12,350					488	427		56		10,267	10,267		27,880	36

TABLE 8.—MANUFACTURES IN CITIES

RICHMOND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
37	Plumbing, and gas and steam fitting	33	$97,524	$9,130	$7,200	$8,808	$72,386	46	17	$9,824	190	$87,905
38	Printing and publishing, book and job	18	1,048,768	13,000	19,100	231,492	785,176	18	64	55,223	291	142,035
39	Printing and publishing, newspapers and periodicals.	29	463,600	16,500	28,000	218,700	205,400	19	68	44,435	225	126,926
40	*Roofing and roofing materials*	3	54,000	3,500	5,000	2,625	42,875	5	4	2,260	32	16,500
41	Saddlery and harness	11	91,575	4,000	2,000	5,125	80,450	15	10	6,044	75	25,320
42	Shirts	4	47,440		26,000	7,690	13,750	5	6	7,900	104	24,481
43	Tinsmithing, coppersmithing, and sheet-iron working.	15	56,800	9,800	11,200	10,010	25,790	16	3	2,000	47	23,049
44	Tobacco, chewing, smoking, and snuff	17	2,088,661	75,148	128,219	208,689	1,676,605	15	252	253,754	2,328	485,046
45	Tobacco, cigars and cigarettes	22	521,839	15,095	68,125	213,094	230,525	24	106	184,472	2,293	491,176
46	Tobacco, stemming and rehandling	10	443,950	9,000	21,000	27,750	386,200	13	25	16,850	662	74,792
47	Typewriter repairing	3	1,775			375	1,400	1	1	300	4	2,390
48	Watch, clock, and jewelry repairing	27	47,285	12,000	9,000	7,000	19,285	30	3	1,800	40	22,268
49	Wirework, including wire rope and cable.	3	1,485			65	1,420	4			1	300
50	*All other industries*[1]	65	5,882,632	1,349,438	658,899	1,519,701	2,354,594	49	243	340,124	4,405	1,298,752

[1] Embraces agricultural implements, 2; artificial limbs, 1; awnings, tents, and sails, 2; babbitt metal and solder, 1; bags, other than paper, 1; bags, paper, 1; baskets, and rattan and willow ware, 1; bluing, 1; boots and shoes, factory product, 1; boxes, cigar, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; druggists' preparations, not including prescriptions, 1; flavoring extracts, 1; flouring and grist mill products, 2; food preparations, 1; fur goods, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hairwork, 2; hand

ROANOKE.

1	All industries	120	$2,057,754	$90,160	$612,890	$527,648	$827,056	129	205	$169,317	2,688	$1,178,542
2	Bicycle and tricycle repairing	3	2,405			2,250	155	3			3	1,104
3	Blacksmithing and wheelwrighting	8	3,565	750	215	475	2,125	10			10	2,877
4	Boots and shoes, custom work and repairing.	7	564			483	81	7			2	732
5	*Bread and other bakery products*	3	5,938	950	4,500	400	88	4	1	480	4	1,380
6	Carpentering	9	8,535	10	25	600	2,900	10			62	14,100
7	Carriages and wagons	4	11,725	1,600	1,550	1,300	7,275	5			16	6,670
8	Clothing, men's, custom work and repairing.	7	8,046			720	7,326	10			31	6,805
9	Flouring and grist mill products	3	52,000	2,700	9,500	13,800	26,000	4	3	1,860	9	3,780
10	Millinery, custom work	9	13,780	500	1,500	280	11,500	11			22	4,170
11	Painting, house, sign, etc	6	9,595			925	8,670	5	3	1,260	14	6,025
12	Photography	3	2,550			1,800	750	4			2	534
13	Plumbing, and gas and steam fitting	4	8,400			1,600	6,800	5			27	8,109
14	Printing and publishing, book and job	3	94,694			52,411	42,283	2	9	6,608	74	32,439
15	*Printing and publishing, newspapers* and periodicals.	3	25,500			20,700	4,800	1	3	2,860	20	14,354
16	Saddlery and harness	3	1,345			85	1,260	4			2	1,056
17	Watch, clock, and jewelry repairing	6	2,795			1,175	1,620	5	1	240	2	1,320
18	All other industries[1]	39	1,811,317	83,650	595,600	428,644	703,423	39	185	156,009	2,388	1,073,087

[1] Embraces bottling, 1; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 2; clothing, women's, dressmaking, 2; confectionery, 2; dyeing and cleaning, 2; fertilizers, 1; foundry and machine shop products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; furniture, factory product, 1; gas, illuminating and heating, 1; ice, artificial, 2; iron and steel, 2; ironwork, architectural and

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	1,419	$36,154,084	$3,801,561	$6,355,272	$7,424,474	$18,572,727	1,638	1,194	$1,090,298	23,108	$7,583,785
2	Alexandria	172	1,779,334	171,820	364,772	532,416	710,326	196	104	79,728	1,065	443,024
3	Berkley	48	1,740,919	764,050	141,550	233,484	601,835	46	56	64,301	1,186	485,434
4	Bristol	56	860,211	146,755	241,783	200,594	271,079	63	57	38,501	746	241,380
5	Buena Vista	22	921,135	8,200	191,415	330,718	390,802	21	24	33,388	390	126,698
6	Charlottesville	79	827,234	75,436	121,417	186,767	443,614	87	55	56,708	487	153,857
7	Danville	189	5,832,258	158,924	664,914	1,804,078	3,204,342	185	248	182,695	5,143	1,949,820
8	Fredericksburg	62	759,614	45,050	164,772	204,754	345,038	70	43	32,209	552	147,726
9	Hampton	40	189,377	14,800	14,450	22,967	137,160	43	13	7,024	217	110,352
10	Harrisonburg	55	521,573	62,550	100,895	102,530	255,598	66	12	15,352	244	78,553
11	Lexington	26	49,658	4,200	22,144	11,263	12,051	30	8	3,770	51	16,039
12	Lynchburg	168	3,445,557	159,938	434,951	1,199,849	1,650,819	214	111	109,247	2,452	781,206
13	Manchester	36	763,043	51,100	185,139	211,667	315,137	39	63	56,089	923	372,809
14	Martinsville	22	461,780	11,150	48,450	56,865	345,315	27	51	41,260	810	110,131
15	Newport News	123	14,999,735	1,953,982	3,239,616	1,672,219	8,133,918	133	144	214,117	5,675	2,556,938
16	Portsmouth	103	1,179,144	64,500	147,589	228,939	788,116	111	107	82,636	1,154	483,763
17	Salem	40	421,473	4,437	69,070	70,925	277,041	53	13	13,310	181	68,315
18	Staunton	89	438,270	46,827	50,862	111,775	228,806	103	15	10,263	316	90,715
19	*Suffolk*	67	402,079	24,932	49,211	102,110	225,826	73	28	22,375	881	197,849
20	Winchester	72	561,640	32,910	102,272	140,554	285,904	78	42	27,325	695	128,178

BY SPECIFIED INDUSTRIES: 1900—Continued.

RICHMOND—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
188	$87,489			2	$416	$12,469	$9,092	$910	$2,467		$138,190	$137,184	$1,006	$365,285	37
225	127,057	61	$14,432	5	546	95,913	6,705	4,238	30,798	$54,172	147,009	141,898	5,111	538,682	38
203	120,144	17	6,144	5	638	112,166	8,963	2,326	58,679	42,198	83,773	79,654	4,119	448,572	39
32	16,500					2,216	216	130	1,870		43,910	43,750	160	79,640	40
74	25,160			1	160	7,020	3,836	605	2,579		121,327	120,296	1,031	234,021	41
19	7,811	78	16,070	7	600	16,064	1,760	159	14,145		21,854	20,400	954	79,143	42
47	23,049					3,385	2,075	864	946		52,692	52,335	357	128,971	43
1,224	324,993	864	139,066	240	20,987	2,118,034	17,420	32,459	2,068,155		1,926,504	1,902,665	23,839	5,228,733	44
435	129,185	1,746	347,612	112	14,379	2,368,974	6,175	5,429	2,357,370		1,021,703	1,016,682	5,021	4,389,745	45
297	44,655	354	29,739	11	398	25,496	8,025	2,014	15,457		739,072	734,605	4,467	924,325	46
4	2,390					410	300		110		1,480	1,470	10	7,150	47
39	22,118			1	150	7,050	5,638	244	968	200	11,692	11,327	365	69,125	48
1	300					188	168		20		507	492	15	2,820	49
3,773	1,187,321	484	90,439	148	20,992	409,476	20,793	40,167	347,113	1,403	4,078,802	3,958,519	120,283	6,858,258	50

stamps, 2; iron and steel, 2; kaolin and other earth grinding, 1; leather, tanned, curried, and finished, 2; lime and cement, 1; liquors, malt, 1; lithographing and engraving, 2; marble and stone work, 1; masonry, brick and stone, 2; mattresses and spring beds, 2; paper and wood pulp, 2; patent medicines and compounds, 2; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 2; printing materials, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 1; tin and terne plate, 1; tools, not elsewhere specified, 1; trunks and valises, 1; upholstering materials, 1; varnish, 1; woodenware, not elsewhere specified, 1.

ROANOKE.

2,570	$1,163,114	84	$10,666	34	$4,762	$122,145	$16,095	$9,754	$91,176	$5,120	$3,730,926	$3,398,169	$332,757	$5,709,817	1
2	1,020			1	84	436	328	18	90		2,379	2,267	112	4,900	2
9	2,757			1	120	422	284	18	120		2,480	2,386	94	9,850	3
1	492			1	240	407	405	2			1,158	1,103	55	6,171	4
3	1,200	1	180			585	480	67	38		4,082	3,734	348	7,530	5
61	14,000			1	100	5,571	411	3	57	5,100	36,525	36,475	50	66,011	6
16	6,670					798	480	58	260		7,343	7,183	160	20,818	7
17	4,930	14	1,875			1,365	1,044	86	235		10,007	9,825	182	25,374	8
9	3,780					1,177		327	850		196,392	195,372	1,020	226,172	9
		20	4,030	2	140	3,091	2,580	126	385		18,028	17,822	206	35,950	10
14	6,025					1,148	840	82	206	20	10,498	10,438	60	21,950	11
1	384	1	150			961	522	19	420		1,866	1,823	43	6,650	12
26	7,940			1	169	779	702	59	18		11,235	11,105	130	25,500	13
52	31,480	22	959			7,428	1,800	215	5,413		40,958	39,733	1,225	96,064	14
20	14,354					3,731	1,120	121	2,490		5,919	5,202	717	31,475	15
2	1,056					341	312	13	16		1,409	1,377	32	4,400	16
2	1,320					741	651	15	75		1,112	1,025	87	7,780	17
2,335	1,065,706	26	3,472	27	3,909	93,164	4,136	8,525	80,503		3,379,535	3,051,299	328,236	5,113,222	18

ornamental, 1; jewelry, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; monuments and tombstones, 1; patent medicines and compounds, 1; plastering and stuccowork, 1; roofing and roofing materials, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tobacco, chewing, smoking, and snuff, 1; tobacco, cigars and cigarettes, 2.

TOWNS UNDER 20,000 IN POPULATION: 1900.

17,194	$6,765,488	3,776	$602,249	2,138	$216,048	$2,962,627	$228,997	$132,071	$2,336,149	$265,410	$21,655,023	$21,095,042	$559,981	$37,882,711	1
947	421,000	99	20,565	19	1,459	282,115	12,419	9,810	248,983	10,903	788,671	764,783	23,888	1,890,383	2
1,021	463,906	159	20,722	6	806	117,420	10,627	7,367	72,276	27,150	1,482,572	1,476,901	5,671	2,391,048	3
712	286,383	20	3,160	14	1,837	38,056	6,159	7,585	24,312		579,654	542,095	37,559	1,092,628	4
358	118,706	37	7,992			30,495	1,204	2,606	26,685		1,063,877	888,689	175,188	1,477,160	5
346	126,237	139	27,420	2	200	43,938	7,895	3,203	27,840	5,000	387,690	378,977	8,713	858,144	6
2,605	684,069	1,585	253,268	953	103,483	678,040	54,691	46,345	566,684	10,320	5,187,771	5,142,501	45,270	8,103,484	7
383	123,662	138	20,746	31	3,318	29,369	5,191	3,251	20,677	250	454,411	440,973	13,438	810,242	8
208	108,428	6	1,504	3	420	57,477	6,681	471	2,175	48,200	315,196	311,568	3,628	578,486	9
227	76,169	8	1,526	9	858	30,187	2,817	2,674	19,571	5,125	458,558	453,181	5,377	682,654	10
47	15,239	4	800			7,524	2,605	548	453	3,918	28,874	23,855	5,019	77,554	11
1,822	648,504	446	70,551	184	12,151	684,713	32,644	12,021	563,998	76,050	2,331,380	2,270,192	61,188	4,503,037	12
781	343,643	114	24,475	28	4,691	56,641	6,374	3,857	43,410	3,000	1,178,131	1,153,486	24,645	1,746,192	13
403	80,036	141	13,769	266	16,326	304,280	3,111	4,429	296,740		262,233	257,935	4,298	781,286	14
5,303	2,503,294	49	10,068	323	43,576	297,411	21,407	12,914	200,990	62,100	3,369,545	3,275,344	94,201	6,976,670	15
942	446,487	167	31,835	45	5,441	95,644	27,025	5,322	62,683	614	968,752	954,448	14,304	1,854,997	16
164	64,665	11	3,000	6	650	82,510	2,314	1,555	77,441	1,200	533,254	528,037	5,217	768,435	17
232	78,616	73	10,924	11	1,175	41,727	9,978	3,084	22,085	6,580	622,142	613,060	9,082	900,750	18
478	156,454	244	29,730	159	11,665	48,979	10,697	1,608	36,674		1,060,006	1,053,712	6,294	1,499,068	19
220	69,990	336	50,194	79	7,992	36,101	5,208	3,421	22,472	5,000	582,306	565,305	17,001	890,493	20

Twelfth Census of the United States.

CENSUS BULLETIN.

No. 145. WASHINGTON, D. C. February 27, 1902.

MANUFACTURES.

WISCONSIN.

Hon. WILLIAM R. MERRIAM,
Director of the Census.

SIR: I transmit herewith, for publication in bulletin form, the statistics of manufacturing and mechanical industries for the state of Wisconsin for the census year 1900, taken in accordance with the provisions of section 7 of the act of March 3, 1899. This section requires that "The schedules of inquiries relating to the products of manufacturing and mechanical establishments shall embrace the name and location of each establishment; character of organization, whether individual, cooperative, or other form; date of commencement of operations; character of business or kind of goods manufactured; amount of capital invested; number of proprietors, firm members, copartners, or officers, and the amount of their salaries; number of employees, and the amount of their wages; quantity and cost of materials used in manufactures; amount of miscellaneous expenses; quantity and value of products; time in operation during the census year; character and quantity of power used; and character and number of machines employed."

In each of the above particulars the requirements of the law have been observed, but certain of the data thus elicited are reserved for publication in the final volumes.

There were 53 cities and towns in the state withdrawn from the enumerators and their manufacturing statistics collected by special agents, in accordance with the further provision of section 7 of the census act. Wherever the phrase "urban manufactures" is used in this bulletin, it applies only to those cities and towns which were withdrawn from the enumerators and committed to special agents, and only to manufacturing establishments within the corporate limits of such places.

Six cities in Wisconsin contain a population exceeding 20,000 each: La Crosse, Milwaukee, Oshkosh, Racine, Sheboygan, and Superior. The manufacturing statistics of these 6 cities are presented by specified industries, and the statistics of La Crosse, Milwaukee, Oshkosh, and Racine are presented in comparison with the returns of the Eleventh Census. The statistics of Sheboygan and Superior were not shown separately in 1890, and comparisons with that year are, therefore, not possible in these cases.

Mr. R. H. Odell, of Milwaukee, rendered valuable assistance in the preparation of the text for the accompanying report.

The statistics of Wisconsin are presented in 9 tables: Table 1 showing the comparative figures for the state at the several censuses; Table 2 showing all the industries of the state divided between hand trades and the manufactures proper, and also the statistics of a governmental establishment, and educational, eleemosynary, and penal institutions, and establishments with a product of less than $500, which three latter classes were not reported at previous censuses; Table 3 showing the statistics of the 20 leading industries of the state for 1890 and 1900; Table 4 showing the totals for the cities of La Crosse, Milwaukee, Oshkosh, and Racine at the censuses of 1890 and 1900; Table 5 showing the urban manufactures of the state in comparison with the totals for the entire state and the state exclusive of the cities and towns withdrawn from the enumerators; Table 6 showing the statistics for the state by counties; Table 7 showing the statistics for the state by specified industries; Table 8 showing the statistics for the cities of La Crosse, Milwaukee, Oshkosh, Racine, Sheboygan, and Superior by specified industries; and Table 9 showing the totals for all industries in each of the cities and towns withdrawn from the enumerators (exclusive of those shown in Table 8).

Table 1 shows the growth of manufactures in Wisconsin for the half century which terminates with the Twelfth Census. Owing to changes in the method of taking the census, comparisons between the earlier and later decades, represented in Table 1, should be drawn only in the most general way. Nevertheless, the rate of growth in Wisconsin manufactures may be fairly inferred from the figures given.

In drafting the schedules of inquiry for the census of 1900 care was taken to preserve the basis of comparison with prior censuses. Comparison may be made safely with respect to all the items of inquiry except those relating to capital, salaried officials, clerks, etc., and their

salaries, the average number of employees, and the total amount of wages paid. Live capital, that is, cash on hand, bills receivable, unsettled ledger accounts, raw materials, stock in process of manufacture, finished products on hand, and other sundries, was first called for at the census of 1890. No definite attempt was made, prior to the census of 1890, to secure a return of live capital invested.

Changes were made in the inquiries relating to employees and wages in order to eliminate defects found to exist on the form of inquiry adopted in 1890. At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay, and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was ascertained by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the *method of ascertaining* the average number of wage-earners during the entire year may have resulted in a *variation in* the number, and should be considered in making comparisons.

At the census of 1890 the number and salaries of proprietors and firm members actively engaged in the business or in supervision were reported, combined with clerks and other officials. In cases where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900 only the number of proprietors and firm members actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class. It is therefore impossible to compare the number and salaries of salaried officials of any character for the two censuses.

Furthermore, the schedules for 1890 included in the wage-earning class, overseers, foremen, and superintendents (not general superintendents or managers), while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from the wage-earners, as reported by the present census, many high-salaried employees included in that group for the census of 1890.

In some instances, the number of proprietors and firm members, shown in the accompanying tables, falls short of the number of establishments reported. This is accounted for by the fact that no proprietors or firm members are reported for corporations or cooperative establishments.

The reports show a capital of $330,568,779 invested in manufactures and mechanical industries in the 16,187 establishments reporting for the state of Wisconsin. This sum represents the value of land, buildings, machinery, tools, and implements, and the live capital utilized, but does not include the capital stock of any of the manufacturing corporations of the state. The value of the products is returned at $360,818,942, to produce which involved an outlay of $10,608,383 for salaries of officials, clerks, etc.; $58,407,597 for wages; $30,935,354 for miscellaneous expenses, including rent, taxes, etc.; and $208,838,167 for materials used, mill supplies, freight, and fuel. It is not to be assumed, however, that the difference between the aggregate of these sums and the value of the products is, in any sense, indicative of the profits in the manufacture of the products during the census year. The census schedule takes no cognizance of the cost of selling manufactured articles, or of interest on capital invested, or of the mercantile losses incurred in the business, or of depreciation in plant. The value of the product given is the value as obtained or fixed at the shop or factory. This statement is necessary in order to avoid erroneous conclusions from the figures presented.

The value of products for the state of Wisconsin, $360,818,942, is the gross value, and not the net or true value. The difference between these two should be carefully noted. The gross value is found by adding the value of products in the separate establishments. But the finished product of one establishment is often the raw material for another. In such cases the value of the former reappears in the latter, and thus the original cost of certain materials may be included several times in the gross value. The net or true value is found by subtracting from the gross value the value of all materials purchased in a partly manufactured form. In this way the duplications in the gross value are eliminated.

At the census of 1890 the schedule was so framed that it was impossible to find the net or true value. In the present census the schedule asked for the value of the materials in two classes, those purchased in the crude state and those purchased in the partly manufactured form. From the answers to these questions the net or true value of products may be computed. Thus, for Wisconsin, the gross value of products for 1900 was $360,818,942. The value of materials purchased in a partly manufactured form was $115,093,715. The difference, $245,725,227, is the net or true value of products, and represents the increase in the value of raw materials resulting from the various processes of manufacture.

Very respectfully,

Chief Statistician for Manufactures.

WISCONSIN.

Table 1 shows the manufacturing and mechanical industries of Wisconsin as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	16,187	10,417	7,674	7,013	3,064	1,262	55.4	35.7	9.4	128.9	142.8
Capital	$330,568,779	$246,515,404	$73,821,802	$41,981,872	$15,831,581	$8,382,148	34.1	233.9	75.8	165.2	368.1
Salaried officials, clerks, etc., number	10,760	[1] 12,025	[2]	[2]	[2]	[2]	[3] 10.5				
Salaries	$10,608,383	[1] $8,885,441	[2]	[2]	[2]	[2]	19.4				
Wage-earners, average number	142,076	120,006	57,109	43,910	15,414	6,089	18.4	110.1	30.1	184.9	153.1
Total wages	$58,407,597	$42,958,267	$18,814,917	$13,575,642	$4,268,708	$1,712,496	36.0	128.3	38.6	218.0	149.3
Men, 16 years and over	120,131	105,320	48,255	40,296	14,641	5,798	14.1	118.3	19.8	176.2	152.5
Wages	$53,961,539	$40,284,576	[2]	[2]	[2]	[2]	34.0				
Women, 16 years and over	16,266	12,751	6,241	2,114	778	291	27.6	104.3	195.2	173.5	165.6
Wages	$3,553,063	$2,436,013	[2]	[2]	[2]	[2]	45.9				
Children, under 16 years	5,679	1,935	2,613	1,500	[2]	[2]	193.5	[3] 25.9	74.2		
Wages	$892,995	$237,678	[2]	[2]	[2]	[2]	275.7				
Miscellaneous expenses	$30,935,354	$18,602,764	[4]	[4]	[4]	[4]	66.3				
Cost of materials used	$208,838,167	$145,437,016	$85,796,178	$45,851,266	$17,187,334	$5,414,931	43.6	69.5	87.1	167.6	216.5
Value of products, including custom work and repairing	$360,818,942	$248,546,164	$128,255,480	$77,214,326	$27,849,467	$9,293,068	45.2	93.8	66.1	177.3	199.7
Total population	[5] 2,062,916	1,686,880	1,315,497	1,054,670	775,881	305,391	22.3	28.2	24.7	35.9	154.1
Wage-earners engaged in manufactures	142,076	120,006	57,109	43,910	15,414	6,089	18.4	110.1	30.1	184.9	153.1
Per cent of total population	6.9	7.1	4.3	4.2	2.0	2.0					
Assessed value of real estate	[6] $503,690,767	$464,590,340	$344,788,721	$252,322,107	$148,238,766	$22,458,442	8.4	34.7	36.6	70.2	560.1
Value of land and buildings invested in manufactures [7]	$104,389,769	$82,227,891	[2]	[2]	[2]	[2]	27.0				
Per cent of assessed value	20.7	17.7									

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] Exclusive of 6,126 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[7] Does not include value of rented property.

Table 1 shows that there has been a notable growth in the manufacturing and mechanical industries of Wisconsin during the half century. The population during these years increased from 305,391 to 2,062,916, while the average number of wage-earners employed in manufacturing establishments increased from 6,089 to 142,076, embracing, in 1900, 6.9 per cent of the entire population, compared with 2 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 194,887, or 9.4 per cent of the total population of the state. Measured by the value of products, the greatest percentage of increase, 199.7, was during the decade ending with the year 1860, although the greatest absolute increase was between the years 1880 and 1890.

The remarkable growth of manufactures in Wisconsin is to be attributed to an abundant supply of materials and excellent market facilities. Manufacturing is not concentrated in a few localities, but is distributed throughout the state. Six large rivers—the Menominee, St. Croix, Chippewa, Wisconsin, Fox, and Wolf—with many smaller streams, and nearly two thousand fresh-water lakes in the northern part of the state, afford enormous waterpower, as yet only partially developed. On the western boundary of the state are 250 miles of navigable rivers, while the Great Lakes extend for more than 400 miles along the northern and eastern borders. On the shores of Lake Michigan and Green Bay are 11 important manufacturing cities, all accessible to lake-going vessels; and the cities of Ashland and Superior, on Lake Superior, are large and growing manufacturing centers. In 1900 Wisconsin had 6,531 miles of railroads, which have contributed to the development of agriculture and manufactures.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for a governmental establishment, educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	18,259	$331,691,656	19,468	148,027	$58,449,055	$30,982,395	$209,117,785	$84,565,499	$115,334,234	$9,218,002	$361,696,978
Hand trades[1]	6,054	10,031,550	6,984	14,064	6,047,117	1,338,658	12,212,150	382,551	11,531,179	298,420	26,424,816
Governmental establishment	1	4,100		3	1,920		20		20		2,428
Educational, eleemosynary, and penal institutions	10	187,645		242	10,230	2,000	96,914	7,970	85,732	3,212	117,692
Establishments with a product of less than $500	2,061	931,132	2,221	705	29,308	45,041	182,684	27,001	154,767	866	757,916
All other establishments	10,133	320,587,229	10,263	128,012	52,360,480	29,546,696	196,626,017	84,147,977	103,562,536	8,915,504	334,394,126

[1] Includes bicycle and tricycle repairing, 179; blacksmithing and wheelwrighting, 1,581; boots and shoes, custom work and repairing, 612; carpentering, 665; clothing, men's, custom work and repairing, 661; clothing, women's, dressmaking, 224; dyeing and cleaning, 29; furniture, cabinetmaking, repairing, and upholstering, 142; lock and gun smithing, 44; masonry, brick and stone, 223; millinery, custom work, 611; painting, house, sign, etc., 379; paper hanging, 23; plastering and stuccowork, 54; plumbing, and gas and steam fitting, 248; sewing machine repairing, 9; taxidermy, 4; watch, clock, and jewelry repairing, 366.

Of the 18,259 establishments of all classes shown in this table, 8,115, or 44.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $27,182,732, or only 7.5 per cent of the total value of the products of the state.

In addition to the 18,259 active establishments in the state during the census year, with a capital of $331,691,656, shown in Table 2, there were 98 idle establishments, with a capital of $2,836,898, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Baskets, and rattan and willow ware	1	$67,000	Lime and cement	3	$9,900
Bicycle and tricycle repairing	2	11,540	Lumber and timber products	18	312,335
Brick and tile	11	51,420	Lumber, planing mill products, including sash, doors, and blinds	3	10,100
Cheese, butter, and condensed milk, factory product	15	44,926	Malt	1	24,000
Flouring and grist mill products	11	296,075	Marble and stone work	1	27,351
Foundry and machine shop products	2	14,000	Oil, linseed	1	15,000
Fruits and vegetables, canning and preserving	1	9,000	Paper and wood pulp	1	400,000
Furniture, factory product	1	47,000	Woolen goods	2	34,000
Hosiery and knit goods	2	30,519	All other industries	19	27,402
Iron and steel	1	1,320,325			
Leather, tanned, curried, and finished	2	85,005			

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	6,397	$258,990,016	91,674	$39,569,374	$22,784,877	$161,656,123	$263,982,867
	1890	4,511	208,032,005	86,536	29,539,711	15,337,076	110,168,202	188,743,254
Increase, 1890 to 1900		1,886	50,958,011	5,138	10,029,663	7,447,801	45,487,921	75,239,613
Per cent of increase		41.8	24.5	5.9	34.0	48.6	39.2	39.9
Per cent of total of all industries in state	1900	39.5	78.3	64.5	67.8	73.7	77.4	73.2
	1890	43.3	84.4	72.1	68.8	82.4	79.9	75.9
Agricultural implements	1900	51	15,291,554	3,289	1,625,765	699,865	3,290,690	7,886,363
	1890	51	10,611,185	2,765	1,197,693	617,242	1,928,182	5,015,512
Boots and shoes, factory product	1900	40	2,473,626	2,507	821,403	279,913	3,170,921	4,791,684
	1890	32	2,621,606	2,036	774,163	146,345	1,466,557	2,972,233
Carriages and wagons	1900	436	8,461,561	3,402	1,620,693	370,099	3,346,621	6,956,341
	1890	600	7,046,491	3,251	1,469,051	354,575	3,075,588	6,947,499
Cars and general shop construction and repairs by steam railroad companies.	1900	46	4,206,285	4,502	2,898,144	138,270	3,525,144	6,305,823
	1890	22	1,681,255	2,148	1,217,632	(1)	898,673	2,221,152
Cheese, butter, and condensed milk, factory product	1900	2,018	4,917,940	1,780	893,499	157,123	16,623,859	20,120,147
	1890	966	1,833,983	1,378	405,227	75,721	5,876,630	6,960,711
Clothing, men's, factory product	1900	89	2,767,521	2,327	606,850	511,763	2,369,930	4,393,092
	1890	27	3,200,775	2,662	582,992	258,831	2,817,771	3,909,726
Flouring and grist mill products	1900	717	9,611,764	1,412	717,183	697,714	22,753,056	26,327,942
	1890	497	9,804,761	1,770	799,058	646,648	20,420,677	24,252,297
Foundry and machine shop products	1900	272	22,387,310	12,670	6,376,040	1,671,907	10,167,488	22,252,730
	1890	155	8,955,377	4,987	2,484,924	818,637	3,699,370	8,467,290
Furniture, factory product	1900	78	10,209,901	7,775	2,553,595	717,374	3,899,134	8,721,823
	1890	46	3,270,421	2,909	1,101,542	316,436	1,488,794	3,616,517
Iron and steel	1900	12	5,564,379	1,921	1,216,850	361,571	5,410,066	8,905,226
	1890	9	6,164,973	1,890	981,787	302,405	4,613,753	6,501,761

[1] Not reported.

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Leather, tanned, curried, and finished	1900	42	$18,283,591	5,262	$2,241,861	$735,767	$16,040,304	$20,074,373
	1890	38	6,345,812	2,487	1,271,887	381,486	8,732,182	11,161,850
Liquors, malt	1900	147	35,317,950	3,904	1,926,780	10,259,291	4,237,454	19,394,709
	1890	107	16,803,328	2,859	1,457,308	3,806,846	4,829,890	14,193,057
Lumber and timber products	1900	1,066	77,366,223	21,701	9,480,011	2,420,060	35,199,409	57,634,816
	1890	1,119	105,191,521	41,305	10,712,947	5,046,488	36,649,358	60,966,444
Lumber, planing mill products, including sash, doors, and blinds	1900	123	6,591,114	4,377	1,653,319	399,644	5,036,773	8,400,095
	1890	88	5,339,694	3,480	1,411,763	314,775	3,736,105	6,295,810
Malt	1900	17	3,648,145	366	209,812	207,596	3,174,525	4,089,715
	1890	15	2,447,823	389	187,580	122,988	1,848,126	2,472,018
Paper and wood pulp	1900	47	16,580,140	4,240	1,649,010	664,591	6,712,749	10,895,576
	1890	27	5,860,624	1,779	691,492	362,634	2,588,863	4,475,868
Printing and publishing, newspapers and periodicals	1900	495	4,390,988	2,679	1,174,242	462,784	902,588	4,108,415
	1890	379	2,645,980	2,218	916,085	574,866	734,777	3,256,897
Slaughtering and meat packing, wholesale	1900	11	3,784,216	1,361	560,808	405,589	11,850,136	18,601,125
	1890	15	2,269,880	737	338,273	98,388	7,686,675	8,393,754
Textiles:								
Total	1900	62	4,820,162	3,930	940,320	341,458	2,248,124	4,238,242
	1890	69	4,440,936	3,645	781,516	259,430	2,260,683	3,925,781
Cotton goods	1900	3	467,808	347	80,567	13,992	172,267	316,061
	1890	4	892,509	490	131,170	52,477	382,833	620,196
Hosiery and knit goods	1900	27	2,558,299	2,722	600,495	223,216	1,176,146	2,486,813
	1890	23	1,214,727	2,239	379,144	102,727	899,371	1,635,641
Woolen goods	1900	32	1,794,055	861	259,258	104,250	899,711	1,435,368
	1890	32	2,333,700	916	271,202	104,226	978,479	1,669,944
Tobacco:								
Total	1900	628	2,315,646	2,269	903,239	1,282,498	1,697,152	4,888,030
	1890	359	1,935,630	1,896	756,841	832,435	1,316,098	3,737,577
Tobacco, chewing, smoking, and snuff	1900	6	717,732	300	103,958	845,656	472,735	1,632,354
	1890	4	683,774	245	95,124	523,567	353,896	1,212,668
Tobacco, cigars and cigarettes	1900	622	1,597,914	1,969	799,281	436,842	1,224,417	3,255,676
	1890	355	1,301,856	1,651	661,717	308,868	962,202	2,524,909

The 20 leading industries of the state in 1900, as shown in Table 3, embraced 6,397 establishments, or 39.5 per cent of the total number in the state; used a capital of $258,990,016, or 78.3 per cent of the total; gave employment to 91,674 wage-earners, or 64.5 per cent of the total number; and paid $39,569,374, or 67.8 per cent of the total wages. The value of their products was $263,982,867, or 73.2 per cent of the total. In the discussion of Table 3, which follows, the industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of lumber and timber products is the most important industry in the state. The 1,066 establishments reported in 1900 gave employment to 21,701 wage-earners, or 15.3 per cent of the wage-earners in the state, and their products were valued at $57,634,816, or 16 per cent of the total value of the products of the state. In 1890 there were 1,119 establishments, 41,305 wage-earners, and products valued at $60,966,444. The decrease in the value of products during the decade was $3,331,628, or 5.5 per cent. Notwithstanding this decrease, Wisconsin in 1900 was the first among the states in the value of its lumber and timber products; Michigan, which was first in 1890, having suffered a much greater decline. Most of the timber has been removed from the southern part of the state, yet in the north there is still an abundance of pine, hemlock, spruce, and deciduous timber. During the census year there were produced 3,361,943,000 feet of sawed lumber.

The manufacture of flouring and grist mill products ranked second among the industries of the state in 1900, with 717 establishments, 1,412 wage-earners, and products valued at $26,327,942. In 1890 there were 497 establishments, 1,770 wage-earners, and products valued at $24,252,297. The increase in the value of products during the decade was $2,075,645, or 8.6 per cent. Although the agricultural interests of the state are important and extensive, much of the material for this industry is brought from other states. The Wisconsin wheat crop of 1899 was 11,773,382 bushels,[1] while 22,356,963 bushels of wheat were consumed by the mills of the state.

There were 272 establishments engaged in 1900 in the manufacture of foundry and machine shop products, the industry third in rank, with 12,670 wage-earners, and products valued at $22,252,730. In 1890 there were 155 establishments, 4,987 wage-earners, and products valued at $8,467,290. The increase in the value of products during the decade was $13,785,440, or 162.8 per cent. This is a greater absolute increase than is shown for any other industry. The products of this industry include machinery for motive power (principally gas and steam engines and boilers), and for the equipment of lumber, flour, and paper mills, breweries, and mines. Milwaukee is the principal seat of this industry, with products valued at $14,495,362, or 65.1 per cent of the total for the state.

[1] Yearbook of the Department of Agriculture, 1899, page 766.

There were 2,018 establishments engaged in the factory manufacture of cheese, butter, and condensed milk in 1900, with 1,780 wage-earners, and products valued at $20,120,147. In 1890 there were 966 establishments, 1,373 wage-earners, and products valued at $6,960,711. The increase in the value of products during the decade was $13,159,436, or 189.1 per cent. The striking growth of this industry in the last decade has brought the state to the second place in value of products in 1900, instead of fourth as in 1890. The products in 1900 included 71,677,565 pounds of butter and 25,226,550 pounds of cheese.

There were 42 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 5,262 wage-earners, and products valued at $20,074,373. In 1890 there were 38 establishments, 2,487 wage-earners, and products valued at $11,161,850. The increase in the value of products during the decade was $8,912,523, or 79.8 per cent. An abundant supply of tan-bark, the result of the extensive lumber operations in the state, has contributed much to the growth of the leather industry.

There were 147 establishments engaged in the manufacture of malt liquors in 1900, with 3,904 wage-earners, and products valued at $19,394,709. In 1890 there were 107 establishments, 2,859 wage-earners, and products valued at $14,193,057. The increase in the value of products during the decade was $5,201,652, or 36.6 per cent. This was the third industry in importance in 1890, measured by the value of products, and while other industries have had a more rapid growth, the figures given show that the increase in this state is more than commensurate with the increase throughout the country, Wisconsin ranking fourth in 1900, as compared with fifth in 1890. Milwaukee continues to be the principal seat of this industry, the value of products having increased from $10,810,695 in 1890 to $13,899,390 in 1900.

There were 11 establishments engaged in slaughtering and meat packing in 1900, with 1,361 wage-earners, and products valued at $13,601,125. In 1890 there were 15 establishments, 737 wage-earners, and products valued at $8,393,754. The increase in the value of products during the decade was $5,207,371, or 62 per cent.

There were 47 establishments engaged in the manufacture of paper and wood pulp in 1900, with 4,240 wage-earners, and products valued at $10,895,576. In 1890 there were 27 establishments, 1,779 wage-earners, and products valued at $4,475,368. The increase in the value of products during the decade was $6,420,208, or 143.5 per cent. These mills are situated mainly on the large rivers which afford the abundant power so essential to the successful conduct of this industry. The large quantities of spruce, hemlock, and other woods used are furnished by the forests of the state, and the quality of the water is unexcelled for paper-making purposes.

There were 12 establishments engaged in the manufacture of iron and steel in 1900, with 1,921 wage-earners, and products valued at $8,905,226. In 1890 there were 9 establishments, 1,890 wage-earners, and products valued at $6,501,761. The increase in the value of products during the decade was $2,403,465, or 37 per cent. The iron ore mined in the northern part of the state is among the best in the world.

There were 78 establishments engaged in the factory manufacture of furniture in 1900, with 7,775 wage-earners, and products valued at $8,721,823. In 1890 there were 46 establishments, 2,909 wage-earners, and products valued at $3,616,517. The increase in the value of products during the decade was $5,105,306, or 141.2 per cent.

There were 123 establishments engaged in the manufacture of planing mill products in 1900, with 4,377 wage-earners, and products valued at $8,400,695. In 1890 there were 88 establishments, 3,480 wage-earners, and products valued at $6,295,810. The increase in the value of products during the decade was $2,104,885, or 33.4 per cent. The manufacture of furniture and of planing mill products are closely allied to lumbering, the principal industry of the state, and their development has been fostered by the abundant supply of available material. These three industries, directly dependent on the forests for their materials, had a combined product valued at $74,757,334, or 20.7 per cent of the total for all industries of the state.

There were 51 establishments engaged in the manufacture of agricultural implements in 1900, with 3,289 wage-earners, and products valued at $7,886,363. In 1890 there were 51 establishments, 2,765 wage-earners, and products valued at $5,015,512. The increase in the value of products during the decade was $2,870,851, or 57.2 per cent. The growth of this industry has been stimulated by proximity to the markets of Wisconsin and other grain-growing states, and by the ready supply of both wood and iron.

There were 436 establishments engaged in the manufacture of carriages and wagons in 1900, with 3,402 wage-earners, and products valued at $6,956,341. In 1890 there were 500 establishments, 3,251 wage-earners, and products valued at $5,947,499. The increase in the value of products during the decade was $1,008,842, or 17 per cent.

There were 46 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 4,502 wage-earners, and products valued at $6,306,823. In 1890 there were 22 establishments, 2,148 wage-earners, and products valued at $2,221,152. The increase in the value of products during the decade was $4,085,671, or 183.9 per cent.

There were 628 establishments engaged in the manufacture of tobacco in 1900, with 2,269 wage-earners, and products valued at $4,888,030. In 1890 there were 359 establishments, 1,896 wage-earners, and products valued at $3,737,577. The increase in the value of products during the decade was $1,150,413, or 30.8 per cent. The cultivation of tobacco was introduced in 1850,[1] and large quantities are now produced, especially of grades suitable for use in cigars. The value of cigars and cigarettes produced in 1900 was $3,255,676, and of chewing and smoking tobacco and snuff, $1,632,354.

[1] Yearbook of the Department of Agriculture, 1899, page 432.

There were 40 establishments engaged in the factory manufacture of boots and shoes in 1900, with 2,507 wage-earners, and products valued at $4,791,684. In 1890 there were 32 establishments, 2,036 wage-earners, and products valued at $2,972,233. The increase in the value of products during the decade was $1,819,451, or 61.2 per cent.

There were 89 establishments engaged in the factory manufacture of men's clothing in 1900, with 2,327 wage-earners, and products valued at $4,393,092. In 1890 there were 27 establishments, 2,662 wage-earners, and products valued at $3,909,726. The increase in the value of products during the decade was $483,366, or 12.4 per cent.

There were 62 establishments engaged in the manufacture of textiles in 1900, with 3,930 wage-earners, and products valued at $4,238,242. In 1890 there were 59 establishments, 3,645 wage-earners, and products valued at $3,925,781. The increase in the value of products during the decade was $312,461, or 8 per cent. The value of hosiery and knit goods increased from $1,635,641 in 1890 to $2,486,813 in 1900, or 52 per cent. This was the only one of the textile industries which showed an advance. The value of the woolen goods produced in the state declined from $1,669,944 in 1890 to $1,435,368 in 1900, or 14 per cent, and that of cotton goods from $620,196 to $816,061, or 49 per cent.

There were 495 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 2,679 wage-earners, and products valued at $4,103,415. In 1890 there were 379 establishments, 2,218 wage-earners, and products valued at $3,256,897. The increase in the value of products during the decade was $846,518, or 26 per cent.

There were 17 establishments engaged in the manufacture of malt in 1900, with 366 wage-earners, and products valued at $4,089,715. In 1890 there were 15 establishments, 339 wage-earners, and products valued at $2,472,018. The increase in the value of products during the decade was $1,617,697, or 65.4 per cent. This industry is tributary to the manufacture of malt liquors, and does not include the grain malted by brewers for their own use or for sale.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of La Crosse, Milwaukee, Oshkosh, and Racine, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, LA CROSSE, MILWAUKEE, OSHKOSH, AND RACINE, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	16,187	$330,568,779	142,076	$58,407,597	$30,935,354	$208,888,167	$360,818,942
	1890	10,417	246,515,404	120,006	42,958,267	18,602,764	145,437,016	248,546,164
Per cent of increase		55.4	34.1	18.4	36.0	66.3	43.6	45.2
La Crosse	1900	255	7,280,360	3,009	1,105,985	864,006	4,965,850	8,281,749
	1890	200	10,039,872	3,844	1,387,362	703,625	5,971,572	9,157,501
Per cent of increase		27.5	[1]28.0	[1]21.7	[1]20.3	22.8	[1]16.8	[1]9.6
Milwaukee	1900	3,342	110,363,854	48,328	20,240,656	16,690,165	65,118,719	123,786,449
	1890	2,879	69,145,814	38,850	16,737,261	8,285,410	55,815,485	97,503,951
Per cent of increase		16.1	59.6	24.4	20.9	101.4	16.7	27.0
Oshkosh	1900	285	8,013,038	4,587	1,762,410	616,564	4,742,744	8,781,248
	1890	423	6,461,812	4,917	1,713,022	526,149	4,668,843	8,620,626
Per cent of increase		[1]32.6	24.1	[1]6.7	2.9	17.2	1.6	1.9
Racine	1900	252	16,753,215	6,785	2,994,100	1,004,165	6,253,372	12,502,796
	1890	190	11,583,207	4,460	2,009,869	662,448	4,340,308	8,462,359
Per cent of increase		32.6	45.3	52.1	49.0	51.6	44.1	47.7
Total for 4 cities	1900	4,134	142,365,467	62,709	26,103,151	19,174,900	81,080,685	153,352,242
	1890	3,692	97,180,705	52,071	21,847,514	10,177,632	70,796,208	123,744,437
Per cent of increase		12.0	46.5	20.4	19.5	88.4	14.5	23.9
Per cent of 4 cities to total for state	1900	25.5	43.1	44.1	44.7	62.0	38.9	42.5
	1890	35.4	39.4	43.4	50.9	54.7	48.7	49.8

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of these 4 cities. The number of establishments increased from 3,692 to 4,134, or 12 per cent; the average number of wage-earners from 52,071 to 62,709, or 20.4 per cent; and the value of products from $123,744,437 to $153,352,242, or 23.9 per cent. The city of Racine shows the most rapid growth, the value of products having increased from $8,462,359 to $12,502,796, or 47.7 per cent. The city of La Crosse shows a general decrease, due to the exhaustion of the forests tributary to its lumber mills, which in 1890 turned out products valued at $3,570,522, while in 1900 the value was only $1,544,410.

In Milwaukee, the leading city of the state, the number of establishments increased from 2,879 in 1890 to 3,342 in 1900, or 16.1 per cent; the average number of wage-earners from 38,850 to 48,328, or 24.4 per cent; and the value of products from $97,503,951 to $123,786,449, or 27 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 20.6, 34, and 34.3 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 53 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Total for state	16,187	$330,568,779	17,247	142,076	$58,407,597	$30,985,354	$208,838,167	$360,818,942		100.0	[1]2,062,916		100.0
Total for urban manufactures	8,328	249,244,493	8,926	114,015	46,749,135	25,955,370	143,516,156	262,351,021		72.7	762,186		36.9
Antigo	65	469,185	69	373	147,591	42,760	385,989	728,755	45	0.2	5,145	31	0.3
Appleton	240	4,975,397	273	2,226	951,147	304,724	3,251,621	5,330,669	8	1.5	15,085	12	0.7
Ashland	129	6,017,653	135	1,830	875,715	300,286	1,929,656	4,157,718	11	1.2	13,074	14	0.6
Baraboo	75	371,969	85	405	178,509	43,109	346,458	695,731	47	0.2	5,751	25	0.3
Beaverdam	57	1,181,842	64	707	215,626	60,237	529,527	1,002,255	38	0.3	5,128	32	0.2
Beloit	103	2,593,589	118	2,055	981,217	135,927	1,543,086	3,185,080	19	0.9	10,436	18	0.5
Berlin	65	458,021	70	376	134,514	32,112	412,259	786,247	44	0.2	4,489	36	0.2
Chippewa Falls	72	1,847,675	79	555	243,161	104,828	1,273,597	2,131,067	23	0.6	8,094	22	0.4
Depere	48	854,321	53	360	115,730	35,489	689,381	980,800	39	0.3	4,038	37	0.2
Eau Claire	148	4,756,388	157	1,858	726,665	298,327	2,491,102	4,366,230	10	1.2	17,517	9	0.8
Fond du Lac	188	2,745,438	189	1,884	677,977	239,112	1,895,288	3,386,822	18	0.9	15,110	11	0.7
Fort Atkinson	67	663,698	73	392	146,511	53,406	346,653	781,299	42	0.2	3,043	46	0.1
Grand Rapids	66	1,260,584	60	503	174,641	64,542	671,146	1,129,076	35	0.3	4,493	35	0.2
Green Bay	191	3,383,717	227	1,719	702,829	257,838	1,749,046	3,469,160	17	1.0	18,684	8	0.9
Hudson	41	631,920	42	422	226,001	18,775	926,230	1,261,569	31	0.3	3,259	44	0.2
Janesville	184	2,630,838	211	1,710	685,842	249,911	1,980,411	3,670,820	13	1.0	13,185	13	0.6
Jefferson	66	629,658	74	370	129,299	36,970	513,591	828,924	40	0.2	2,584	50	0.1
Kaukauna	71	1,315,646	71	667	300,827	97,158	803,552	1,424,047	29	0.4	5,115	33	0.2
Kenosha	71	5,946,975	67	3,149	1,332,380	360,411	5,106,209	7,488,366	6	2.1	11,606	17	0.6
La Crosse	255	7,230,360	266	3,009	1,105,985	864,006	4,965,850	8,281,749	4	2.3	28,895	4	1.4
Madison	195	3,840,042	227	1,805	826,596	347,388	1,457,387	3,508,808	16	1.0	19,164	7	0.9
Manitowoc	135	2,581,869	161	1,146	427,218	230,858	1,018,440	2,268,348	21	0.6	11,786	16	0.6
Marinette	103	8,070,648	98	1,333	743,937	329,036	2,495,581	4,659,712	9	1.3	16,195	10	0.8
Marshfield	63	429,625	66	372	135,354	46,689	349,313	709,144	46	0.2	5,240	30	0.3
Menasha	57	3,439,690	58	1,575	570,019	212,065	1,365,592	2,751,270	20	0.8	5,589	28	0.3
Menominee	50	3,498,474	58	698	323,412	65,637	977,536	1,533,189	28	0.4	5,655	26	0.3
Merrill	69	3,520,126	75	1,694	667,757	130,628	2,329,566	4,150,272	12	1.2	8,537	20	0.4
Milwaukee	3,342	110,363,854	3,586	48,328	20,240,656	16,690,165	65,118,719	123,786,449	1	34.3	285,315	1	13.8
Monroe	62	321,026	76	217	86,813	58,712	200,530	455,899	50	0.1	3,927	38	0.2
Neenah	74	2,183,170	78	616	278,096	67,774	980,158	1,642,414	27	0.5	5,954	24	0.3
North Milwaukee	20	1,124,214	14	944	356,298	64,018	1,244,288	1,942,777	24	0.5	1,049	53	0.1
Oconto	44	2,021,860	44	440	201,303	79,607	1,280,541	1,732,887	26	0.5	5,646	27	0.3
Oshkosh	285	8,018,038	297	4,587	1,762,410	616,564	4,742,744	8,781,248	3	2.4	28,284	5	1.4
Portage	72	468,925	71	324	104,742	47,560	228,802	502,234	49	0.1	5,459	29	0.3
Port Washington	65	1,006,926	71	311	265,298	77,098	508,080	1,037,318	36	0.3	3,010	47	0.1
Racine	252	16,753,215	240	6,785	2,994,100	1,004,165	6,253,372	12,502,796	2	3.5	29,102	3	1.4
Reedsburg	45	411,095	56	207	66,871	36,151	248,385	430,550	51	0.1	2,225	52	0.1
Rhinelander	62	1,366,855	58	781	307,181	57,259	1,103,659	1,855,433	25	0.5	4,998	34	0.2
Ripon	73	498,531	77	360	122,344	36,539	485,101	807,087	41	0.2	3,818	39	0.2
Sheboygan	206	7,766,616	211	5,338	1,678,236	678,413	3,995,102	7,469,202	7	2.1	22,962	6	1.1
South Milwaukee	29	1,092,523	28	595	318,149	44,783	553,088	1,028,703	37	0.3	3,392	43	0.2
Sparta	56	221,172	71	147	56,865	12,041	202,928	343,759	52	0.1	3,555	41	0.2
Stevens Point	107	2,197,025	114	979	390,800	98,056	1,391,413	2,171,265	22	0.6	9,524	19	0.5
Stoughton	14	713,452	13	263	118,711	43,513	286,825	505,715	48	0.1	3,431	42	0.2
Superior	185	5,882,562	188	1,958	925,776	378,667	5,396,730	7,527,703	5	2.1	31,091	2	1.5
Tomah	47	986,180	53	212	89,002	30,746	531,287	743,615	43	0.2	2,840	49	0.1
Tomahawk	33	172,514	29	180	93,271	26,632	51,609	218,838	53	0.1	2,291	51	0.1
Two Rivers	45	836,492	58	971	250,385	75,126	591,406	1,177,621	33	0.3	3,784	40	0.2
Washburn	35	1,566,855	37	501	260,036	70,260	568,657	1,165,861	34	0.3	6,814	23	0.3
Watertown	85	1,228,459	103	606	198,020	103,870	784,078	1,381,393	30	0.4	8,437	21	0.4
Waupun	42	493,590	47	267	87,988	135,502	793,504	1,200,844	32	0.3	3,185	45	0.2
Wausau	137	3,094,178	149	1,643	594,626	243,537	2,288,730	3,658,439	15	1.0	12,354	15	0.6
Wauwatosa	37	3,110,023	36	2,312	1,154,948	216,393	1,982,008	3,663,892	14	1.0	2,842	48	0.1
Total for state exclusive of urban manufactures	7,859	81,324,286	8,321	28,061	11,658,462	4,979,984	65,322,011	98,467,921		27.3	1,300,730		63.1
Per cent of urban manufactures to total for state	51.4	75.4	51.8	80.2	80.0	83.9	68.7	72.7			36.9		

[1] Exclusive of 6,126 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

Of the 16,187 establishments in the state, 8,328, or 51.4 per cent, were located in these 53 cities and towns. They furnished employment to 114,015 wage-earners, or 80.2 per cent of the total number, and the value of their products, $262,351,021, formed 72.7 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of La Crosse, Milwaukee, Oshkosh, Racine, Sheboygan, and Superior by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State	16,187	$330,568,779	$60,375,729	$44,014,040	$62,101,320	$164,077,690	17,247	10,760	$10,608,383	142,076	$58,407,597
2	Adams	24	60,265	11,520	14,545	22,540	11,660	30			18	6,375
3	Ashland	151	8,048,907	2,634,048	366,348	1,021,006	4,022,505	156	120	121,403	2,563	1,138,436
4	Barron	121	1,950,859	802,543	137,102	171,772	839,442	135	32	32,631	602	209,722
5	Bayfield	66	7,737,501	3,825,519	288,786	818,646	2,804,550	65	67	74,316	1,580	772,603
6	Brown	342	5,818,981	1,394,035	804,723	1,087,187	2,532,436	389	160	157,007	2,469	973,835
7	Buffalo	83	283,975	30,675	82,830	88,135	82,335	92	9	8,717	84	38,155
8	Burnett	27	73,606	2,660	15,340	35,400	20,206	26	7	715	30	12,616
9	Calumet	154	966,287	112,990	196,970	178,036	178,291	172	23	21,307	341	116,080
10	Chippewa	185	5,384,806	2,079,808	390,168	949,135	1,965,695	197	88	83,355	1,350	554,117
11	Clark	130	1,484,879	524,967	129,560	240,011	590,341	146	38	31,571	510	205,284
12	Columbia	221	898,589	74,635	186,807	220,807	416,340	238	50	35,859	536	173,880
13	Crawford	103	681,730	346,669	63,550	126,304	145,207	118	14	8,835	245	82,731
14	Dane	505	5,258,905	367,120	755,233	1,098,564	3,037,988	535	292	212,160	2,333	1,070,203
15	Dodge	388	3,172,902	206,367	395,746	608,568	1,472,221	373	85	78,321	1,431	497,763
16	Door	86	610,939	96,155	81,075	139,430	294,279	95	16	12,210	353	148,218
17	Douglas	202	3,115,796	2,252,162	1,867,835	2,095,671	1,900,128	201	194	210,639	2,542	1,267,368
18	Dunn	119	3,749,411	1,988,459	216,078	661,255	883,624	133	57	55,616	879	403,673
19	Eau Claire	208	5,839,470	1,124,056	454,029	1,240,870	3,020,515	224	142	153,576	2,211	878,307
20	Florence	5	36,600	3,050	4,200	13,050	16,300	6	3	2,150	23	11,290
21	Fond du Lac	496	4,333,221	423,749	768,749	862,216	2,278,507	526	190	177,867	2,727	996,749
22	Forest	10	283,252	176,825	26,750	45,430	34,247	9	8	5,420	51	17,844
23	Grant	291	750,119	79,508	218,716	202,390	249,505	310	30	10,218	363	138,688
24	Green	328	860,357	107,461	244,600	220,451	287,845	293	35	15,481	469	212,182
25	Green Lake	131	695,364	100,270	122,505	164,155	308,434	135	43	27,137	466	171,032
26	Iowa	207	990,344	98,243	444,625	142,512	364,964	180	54	28,455	331	146,160
27	Iron	31	914,729	265,055	31,510	142,514	475,650	35	20	18,940	324	151,892
28	Jackson	65	295,092	46,399	58,320	101,108	89,265	85	14	7,385	104	41,175
29	Jefferson	376	3,883,177	416,379	1,020,022	860,999	1,585,777	398	170	131,613	1,627	597,410
30	Juneau	133	432,700	63,980	124,500	130,231	113,929	146	11	10,854	169	69,269
31	Kenosha	123	6,122,237	275,685	704,731	1,084,103	4,057,768	117	122	195,197	3,203	1,357,876
32	Kewaunee	156	696,149	76,299	135,444	190,120	294,286	170	23	10,659	440	146,291
33	La Crosse	324	8,138,040	1,140,165	1,265,835	1,406,844	4,325,196	334	340	389,299	3,508	1,337,610
34	Lafayette	192	336,447	24,408	112,840	91,556	107,643	167	19	1,937	155	62,565
35	Langlade	92	922,194	153,829	103,295	206,399	458,671	105	31	26,706	627	260,541
36	Lincoln	122	3,903,406	1,468,904	202,455	478,514	1,753,533	127	54	76,918	1,958	801,200
37	Manitowoc	401	4,216,528	441,007	1,019,075	962,050	1,794,396	459	125	123,785	2,494	809,259
38	Marathon	281	8,722,962	1,920,580	655,362	1,364,097	4,782,923	302	182	171,331	3,303	1,303,359
39	Marinette	152	9,892,383	4,451,895	655,945	1,553,059	3,231,484	149	140	175,557	2,703	1,179,504
40	Marquette	56	346,757	98,700	59,450	121,345	67,262	68	9	9,935	137	55,314
41	Milwaukee	3,523	119,444,751	17,068,757	14,269,546	19,618,062	68,493,386	3,758	4,694	4,835,968	53,530	22,588,110
42	Monroe	183	1,394,643	701,216	155,245	227,776	310,406	215	31	20,156	458	185,236
43	Oconto	96	3,050,847	1,133,928	301,485	378,789	1,236,645	103	53	57,806	837	349,857
44	Oneida	70	2,884,713	888,472	172,181	530,296	1,293,764	61	44	55,610	1,192	510,988
45	Outagamie	452	10,413,634	1,230,638	2,455,979	4,127,032	2,599,985	504	195	218,755	3,646	1,557,851
46	Ozaukee	169	1,620,611	211,223	268,355	400,269	740,764	171	81	73,945	1,140	368,307
47	Pepin	56	125,053	12,005	33,185	45,575	34,288	72	6	1,719	58	19,736
48	Pierce	176	791,052	160,380	74,279	206,577	349,816	201	20	12,667	396	154,648
49	Polk	87	658,550	100,154	63,962	156,917	337,517	91	18	8,674	262	102,194
50	Portage	159	2,714,263	617,797	343,188	687,608	1,065,670	163	64	58,133	1,123	449,459
51	Price	46	2,068,884	387,803	176,980	371,075	1,133,026	53	26	24,290	601	282,628
52	Racine	355	18,378,988	1,103,510	2,238,081	3,092,625	11,944,772	337	996	972,340	7,793	3,395,634
53	Richland	158	552,684	93,485	98,115	178,145	182,939	190	16	2,768	191	72,459
54	Rock	417	6,013,953	376,854	913,619	1,605,506	3,117,974	473	328	281,129	3,993	1,776,813
55	St. Croix	146	1,602,825	126,335	318,975	260,958	896,557	154	55	46,507	810	369,624
56	Sauk	232	1,140,821	136,105	242,003	329,509	433,204	260	44	27,413	797	308,220
57	Sawyer	22	1,726,722	365,550	98,755	137,015	1,125,402	19	19	25,764	213	131,406
58	Shawano	139	1,924,893	652,462	276,684	392,881	602,866	148	38	32,065	886	374,418
59	Sheboygan	485	9,031,969	929,997	1,602,167	1,816,536	4,692,269	520	227	272,705	5,956	1,891,483
60	Taylor	35	1,728,592	366,378	137,015	248,152	977,047	49	38	31,520	629	252,063
61	Trempealeau	144	434,901	65,045	114,852	136,069	118,935	148	14	6,236	157	56,879
62	Vernon	155	530,096	54,802	99,620	173,578	202,096	198	7	2,580	247	85,179
63	Vilas	13	845,435	61,204	33,450	156,126	594,655	13	16	22,800	430	200,833
64	Walworth	282	821,367	87,515	207,371	229,912	296,569	304	57	12,414	482	197,140
65	Washburn	24	731,189	118,617	24,350	106,127	482,095	27	12	14,160	290	116,027
66	Washington	242	1,209,967	105,765	319,919	245,181	539,102	278	40	43,437	581	196,079
67	Waukesha	264	2,186,904	427,469	556,351	519,899	683,185	273	75	78,115	942	397,386
68	Waupaca	213	1,713,008	309,535	227,505	417,508	758,460	225	33	18,911	614	242,125
69	Waushara	70	175,372	18,705	39,930	65,805	50,932	88	6	1,044	94	48,350
70	Winnebago	508	13,868,111	1,839,062	2,371,788	2,926,886	6,730,375	523	379	387,974	6,866	2,647,549
71	Wood	179	4,179,115	991,632	863,396	1,166,446	1,157,641	182	111	111,196	1,774	617,360

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
120,131	$53,961,539	16,266	$3,553,063	5,679	$892,995	$30,985,354	$1,581,292	$1,975,048	$26,059,019	$1,319,995	$208,838,167	$202,871,904	$5,966,263	$360,818,942	1
16	6,025	1	250	1	100	1,981	265	323	987	406	64,038	63,644	394	87,303	2
2,509	1,169,400	50	13,621	4	415	862,771	18,166	63,570	199,247	81,788	3,497,638	3,311,241	186,397	6,426,259	3
581	205,766	14	2,946	7	1,010	70,783	6,559	21,679	41,983	562	922,100	916,602	5,498	1,480,220	4
1,500	766,007	18	4,260	12	2,336	184,354	3,776	61,662	117,841	1,075	2,399,705	2,396,376	3,329	3,970,916	5
2,062	901,467	357	64,125	50	8,243	378,516	22,005	47,972	281,471	22,068	3,193,125	3,110,804	82,321	5,686,186	6
79	87,213	4	862	1	80	19,835	1,192	1,955	16,338	350	317,123	310,343	6,780	464,025	7
28	12,216	1	250	1	150	3,165	145	787	2,233		132,735	131,258	1,477	173,954	8
320	112,690	18	2,970	3	420	31,277	2,312	3,315	25,500	150	550,609	513,054	37,555	910,218	9
1,286	540,063	47	10,570	17	3,484	188,532	6,518	66,934	114,058	1,022	2,950,560	2,939,379	11,181	4,537,176	10
489	202,161	14	2,002	7	1,071	63,507	2,529	13,157	47,655	166	784,608	726,226	8,382	1,297,458	11
347	141,052	166	30,389	28	2,439	78,283	11,558	4,765	57,660	4,300	744,234	715,525	28,709	1,278,161	12
209	75,660	29	6,161	7	910	36,426	2,081	2,145	32,065	135	344,561	337,558	7,003	604,703	13
2,120	1,010,592	182	55,192	31	4,419	424,640	38,344	17,319	329,196	39,781	3,082,919	2,997,624	85,295	5,892,362	14
1,213	458,089	182	34,378	36	5,296	163,802	10,856	12,547	140,044	355	2,529,029	2,369,041	159,988	4,012,429	15
342	145,608	11	2,610			26,932	2,269	3,392	20,771	500	528,160	521,774	6,386	974,741	16
2,370	1,209,977	140	53,094	32	4,297	419,880	37,014	58,624	319,734	4,508	6,349,224	6,265,366	83,858	8,933,218	17
833	394,875	17	3,147	29	5,651	71,840	3,312	43,589	24,583	356	1,355,241	1,328,582	26,659	2,123,056	18
2,004	837,561	159	33,533	48	7,213	325,056	18,805	66,117	225,145	14,989	3,352,758	3,318,270	34,483	5,661,415	19
23	11,290					2,145	80	240	1,825		21,465	21,425	40	41,835	20
2,057	876,282	600	110,111	70	10,356	432,599	24,921	21,677	256,758	129,243	4,364,872	4,236,800	128,072	6,993,880	21
51	17,844					2,159	48	671	1,440		40,805	40,771	34	76,164	22
298	127,750	52	9,076	13	1,862	64,499	11,053	4,332	43,172	5,942	814,743	793,023	21,720	1,307,495	23
413	197,896	46	12,925	10	1,361	82,162	10,447	3,972	62,362	5,381	1,114,337	1,092,185	22,152	1,715,624	24
328	153,369	131	16,697	7	966	44,041	7,825	4,152	30,514	2,050	676,288	660,412	15,871	1,110,360	25
304	140,195	24	5,569	3	396	41,178	6,019	3,786	31,261	107	1,011,750	963,456	48,294	1,469,227	26
311	149,062	3	920	10	1,910	29,240	1,536	11,256	16,448		816,810	814,669	2,141	1,185,581	27
97	39,980	5	1,045	2	150	21,275	935	2,951	15,514	1,875	349,287	343,022	6,265	510,083	28
1,464	568,709	132	25,297	31	3,404	236,869	15,870	16,931	197,940	6,128	3,276,295	3,182,879	93,416	5,129,707	29
143	64,952	23	3,917	3	400	27,425	9,989	4,089	13,332	15	520,433	509,670	10,763	785,687	30
2,578	1,219,801	350	88,725	275	49,350	369,077	7,784	24,516	336,777		5,450,038	4,986,381	463,657	7,944,813	31
356	132,448	75	12,607	9	1,236	39,371	3,278	3,117	27,576	5,400	541,529	528,434	13,095	956,974	32
2,713	1,189,816	745	142,270	45	5,524	904,541	34,095	50,877	782,165	37,404	5,909,948	5,784,931	126,017	9,807,887	33
132	58,972	19	3,041	4	552	17,129	5,098	1,857	10,044	130	574,291	563,458	10,833	822,153	34
596	256,165	20	3,039	11	1,337	64,141	5,400	7,152	51,139	450	657,709	652,194	5,515	1,289,081	35
1,783	764,575	40	9,641	130	26,984	167,571	6,734	40,457	118,102	2,278	2,476,093	2,465,591	10,502	4,554,192	36
2,042	757,999	304	34,356	148	16,904	350,594	23,490	23,024	250,715	53,365	2,559,471	2,477,387	82,084	4,785,576	37
3,090	1,274,059	66	11,407	147	17,893	416,174	15,064	76,510	290,220	34,380	4,569,876	4,517,318	52,558	7,463,116	38
2,562	1,149,224	128	28,280	13	2,000	408,108	11,688	113,809	277,404	207	3,874,804	3,846,923	28,881	6,972,616	39
152	54,274	5	1,040			6,036	639	2,018	3,299	80	246,725	243,988	2,737	441,743	40
42,938	20,490,689	7,541	1,633,830	3,051	463,591	18,631,820	877,286	486,715	16,524,868	742,951	76,160,224	73,745,828	2,414,396	140,252,383	41
428	180,773	24	4,318	1	150	50,517	7,244	10,289	32,652	332	1,088,229	1,070,730	17,499	1,594,664	42
789	337,731	34	8,326	14	3,800	103,430	2,254	45,138	52,458	3,580	1,792,681	1,761,950	30,731	2,597,916	43
1,171	505,508	14	3,905	7	1,575	113,903	4,359	22,772	86,597	175	1,856,694	1,852,563	4,131	3,139,307	44
3,118	1,445,724	456	102,282	72	9,845	526,898	50,596	61,958	404,725	9,619	5,565,982	5,216,150	349,782	9,127,604	45
975	339,821	99	18,603	66	9,883	121,791	4,751	5,106	108,849	3,085	1,178,366	1,111,211	67,155	1,980,197	46
53	18,661	4	1,025	1	50	11,871	2,567	798	8,506		175,843	172,972	2,871	261,823	47
366	150,388	15	3,081	9	1,179	37,151	9,209	4,481	23,253	208	669,145	535,712	133,433	1,118,421	48
260	102,024			2	170	19,007	1,058	4,198	11,911	1,840	777,626	772,655	4,971	1,221,507	49
940	420,428	163	26,536	20	2,495	115,208	7,411	15,333	82,224	10,240	1,844,230	1,791,608	52,622	2,819,263	50
600	282,868	1	260			55,558	838	22,098	32,220	402	1,122,904	1,114,139	8,765	1,682,131	51
6,318	3,008,545	1,263	355,578	212	31,511	1,382,343	47,375	58,203	1,269,926	16,839	7,719,995	7,506,973	213,022	15,643,783	52
175	69,477	16	2,982			15,108	2,233	3,701	9,174		523,965	515,662	8,303	795,448	53
3,366	1,625,635	581	146,123	46	5,055	405,205	40,596	25,162	328,305	11,142	4,408,247	4,293,818	114,429	8,090,447	54
795	365,946	12	3,318	3	360	110,571	5,895	18,741	85,933	2	2,309,141	2,288,729	20,412	3,028,821	55
602	270,087	188	36,805	12	1,328	94,854	9,334	6,633	72,967	5,920	1,127,786	1,102,017	25,769	1,876,650	56
212	131,146	1	260			13,575	775	11,502	1,298		713,861	712,576	1,285	984,198	57
813	370,008	14	2,453	9	1,957	92,507	2,492	14,748	75,067	200	983,210	975,296	7,914	1,770,751	58
5,205	1,766,021	376	66,553	375	58,909	766,275	18,598	39,675	686,075	21,927	5,493,950	5,367,348	126,602	9,652,106	59
619	250,109	5	1,162	5	792	77,475	301	16,307	60,467	400	1,528,661	1,523,053	5,608	2,152,671	60
135	52,018	18	4,526	4	335	23,476	5,763	3,956	13,707	50	857,431	847,500	9,931	1,111,882	61
234	81,604	12	3,395	1	180	16,424	2,587	3,437	10,400		424,310	417,146	7,164	709,669	62
480	200,833					53,220	198	8,435	44,587		1,517,413	1,516,863	550	1,875,130	63
363	180,747	65	15,983	4	410	49,516	12,489	4,330	29,612	3,085	1,824,021	1,796,898	27,123	2,515,872	64
285	115,109	1	300	4	618	32,106	214	19,498	12,394		512,963	512,189	774	818,018	65
488	180,785	93	14,533	5	761	93,253	6,317	5,167	80,923	846	1,172,236	1,134,458	37,778	1,808,599	66
856	378,947	66	16,052	20	2,387	157,021	14,321	10,566	127,231	4,903	1,191,099	1,145,443	45,656	2,292,786	67
559	231,027	51	10,318	4	780	70,703	6,537	10,277	53,536	353	1,156,425	1,142,507	13,918	1,936,737	68
88	47,269	6	1,111			5,107	1,558	1,068	2,481		307,301	302,654	4,647	447,050	69
5,566	2,345,629	898	212,783	402	89,137	903,003	41,650	99,375	741,580	20,398	7,617,279	7,408,103	209,176	13,848,239	70
1,608	585,898	76	16,344	90	15,618	218,549	5,287	28,135	180,575	4,552	2,301,073	2,220,569	80,504	3,787,275	71

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	16,187	$830,568,779	$60,375,729	$44,014,040	$62,101,320	$164,077,690	17,247	10,760	$10,608,383	142,076	$58,407,597
2	Agricultural implements	51	15,291,554	600,163	1,222,771	1,716,253	11,752,367	42	1,180	836,316	3,289	1,625,765
3	Artificial feathers and flowers	3	5,488			375	5,108	4			8	3,351
4	*Artificial limbs*	4	22,145			2,848	19,302	2	8	5,506	20	10,240
5	Awnings, tents, and sails	26	76,532	4,150	6,975	11,365	54,042	26	6	4,500	81	31,686
6	Baking and yeast powders	4	94,400		5,000	7,550	81,850	4	5	2,750	8	3,817
7	Baskets, and rattan and willow ware	9	61,578	3,100	12,500	22,986	22,992	12	4	4,200	112	43,856
8	Bicycle and tricycle repairing	179	230,767	22,960	34,500	64,190	109,117	241	7	1,545	144	54,397
9	Bicycles and tricycles	23	2,337,975	157,200	304,586	685,218	1,190,971	13	160	134,007	1,572	625,149
10	Blacking	3	23,085	3,100	7,200	1,385	11,400	4	4	3,912	7	2,512
11	Blacksmithing and wheelwrighting	1,581	2,127,171	437,182	632,147	334,355	723,487	1,766	7	4,960	940	407,280
12	Bookbinding and blank book making	27	357,467	3,800	9,250	119,441	225,466	26	51	40,201	565	155,585
13	Boots and shoes, custom work and repairing.	612	345,339	59,200	93,803	70,473	121,863	656			249	102,929
14	Boots and shoes, factory product	40	2,473,626	80,536	261,290	462,255	1,669,545	29	232	213,600	2,507	821,408
15	Bottling	18	39,152	5,575	5,850	10,320	17,407	22	2	1,300	22	12,148
16	Boxes, cigar	8	228,738	35,850	36,110	31,262	125,511	12	16	13,184	232	52,228
17	Boxes, fancy and paper	8	177,594	15,500	30,000	73,540	58,554	12	13	10,990	328	73,266
18	Boxes, wooden packing	38	1,325,604	157,692	162,615	249,198	756,099	39	47	47,195	1,290	386,743
19	Brass castings and brass finishing	10	920,112	89,072	165,225	237,771	428,044	5	53	57,933	426	188,901
20	Brassware	3	385,080	20,200	20,200	42,280	303,300	2	26	18,000	145	61,950
21	Bread and other bakery products	430	1,699,717	248,845	418,563	464,478	572,831	443	183	113,727	1,329	467,949
22	*Brick and tile*	168	2,210,501	545,033	401,845	648,719	614,907	165	61	48,521	1,469	542,015
23	Bridges	4	17,600	1,000	1,500	7,400	7,700	5			23	7,355
24	Brooms and brushes	41	124,065	24,700	18,225	17,903	63,237	49	12	8,801	165	55,039
25	Buttons	9	34,499	1,300	4,595	12,539	16,065	9	4	1,425	106	32,108
26	Carpentering	665	1,467,515	256,800	222,401	229,033	759,281	790	24	14,909	3,454	1,664,861
27	Carpets, rag	51	18,901	2,835	5,075	6,345	4,646	52			30	9,307
28	Carriage and wagon materials	10	183,640	8,800	17,088	40,054	117,698	9	11	7,406	117	41,132
29	Carriages and sleds, children's	3	206,765	13,000	24,989	38,376	130,400	2	7	7,972	295	69,011
30	Carriages and wagons	436	8,461,561	863,272	1,301,072	871,994	5,425,223	547	221	249,800	3,402	1,620,693
31	Cars and general shop construction and repairs by steam railroad companies.	46	4,206,285	589,375	1,343,738	690,578	1,582,594		272	245,163	4,502	2,398,144
32	*Charcoal*	3	3,260	800	1,675	135	650	2			5	1,310
33	Cheese, butter, and condensed milk, factory product.	2,018	4,917,940	220,406	1,767,497	1,850,428	1,079,609	1,538	414	69,676	1,780	893,499
34	Chemicals	4	288,455			154,995	133,460	2	33	43,050	64	26,258
35	Clothing, horse	3	171,592	5,500	12,771	8,824	144,497	1	13	9,280	113	30,663
36	Clothing, men's, custom work and repairing.	661	1,524,320	133,575	214,084	99,780	1,076,881	774	65	47,808	1,946	845,452
37	Clothing, men's, factory product	89	2,767,521	36,710	118,750	108,820	2,503,241	90	238	266,157	2,327	606,850
38	Clothing, women's, dressmaking	224	151,163	9,975	14,250	28,048	98,890	242	3	3,235	765	159,807
39	Clothing, women's, factory product	9	141,750			16,025	125,725	14	21	18,150	253	80,816
40	Coffee and spice, roasting and grinding	6	257,933	20,000	29,500	31,970	176,463	8	50	44,910	41	19,300
41	Coffins, burial cases, and undertakers' goods.	3	235,359	39,000	21,000	20,250	155,109	7	13	8,980	76	32,812
42	Confectionery	56	686,113	43,900	76,613	140,277	425,323	57	102	93,696	749	163,020
43	Cooperage	126	973,188	165,693	163,247	139,281	504,967	140	26	24,015	1,047	422,548
44	Cordage and twine	3	31,565	3,000	2,870	13,310	12,385	3	4	2,600	40	7,370
45	Cotton goods	3	467,808	34,250	75,750	185,900	171,908	2	5	5,220	347	80,567
46	Cutlery and edge tools	5	50,722	10,200	10,800	13,950	16,272	7	3	2,400	19	9,660
47	Druggists' preparations, not including prescriptions.	4	120,064	7,000	23,000	32,861	57,203	1	9	5,858	18	6,420
48	*Dyeing and cleaning*	29	92,675	17,400	14,570	27,380	33,325	32	15	7,939	128	38,788
49	Electrical apparatus and supplies	7	981,553	5,600	10,000	142,272	823,681	1	56	63,744	527	221,501
50	Electrical construction and repairs	20	181,450	30,575	10,400	16,412	124,063	19	32	14,938	100	49,578
51	Electroplating	8	17,930			11,830	6,100	12			12	4,125
52	*Enameling and enameled goods*	4	2,108,626	294,824	401,452	463,092	949,258	2	46	75,410	1,296	339,378
53	Engraving, steel, including plate printing.	5	8,900			4,956	3,944	4	2	936	26	7,882
54	Fancy articles, not elsewhere specified	4	17,510	1,500	1,500	1,885	12,625	4			24	4,602
55	Fish, canning and preserving	6	4,590	1,125	1,150	815	1,500	7			3	1,010
56	Flavoring extracts	6	64,629			6,825	57,804	4	11	7,654	14	5,363
57	Flouring and grist mill products	717	9,611,764	1,018,100	2,819,496	3,189,046	2,585,122	903	226	248,657	1,412	717,188
58	Food preparations	15	656,155	38,200	118,776	148,489	350,690	9	96	75,661	249	112,551
59	*Foundry and machine shop products*	272	22,387,310	2,172,961	2,933,977	5,902,778	11,377,594	250	767	971,398	12,670	6,376,040
60	Fruits and vegetables, canning and preserving.	16	650,115	58,103	112,453	120,634	358,925	8	42	32,732	676	117,090
61	Fur goods	33	509,090	6,350	15,100	26,167	461,473	39	37	26,502	449	159,808
62	Furnishing goods, men's	3	17,379			1,189	16,190	3			12	2,782
63	Furniture, cabinetmaking, repairing, and upholstering.	142	361,950	62,485	81,535	34,265	183,665	172	13	10,364	280	119,839
64	Furniture, factory product	78	10,209,901	902,288	1,632,861	2,128,568	5,546,184	46	420	447,921	7,775	2,553,595
65	Furs, dressed	8	32,814	7,200	5,800	6,550	13,264	10	2	1,059	42	17,782
66	Gas, illuminating and heating	25	7,375,192	955,880	373,998	4,402,144	1,643,170		123	89,285	532	268,459
67	Gas machines and meters	3	18,165		40	800	17,325	7	4	3,400	3	1,092
68	Glass, cutting, staining, and ornamenting.	6	57,146	600	300	6,478	49,768	8	3	3,685	53	22,639
69	Gloves and mittens	19	219,789	6,250	14,937	26,090	172,512	23	24	17,939	319	78,473
70	Grease and tallow	8	44,651	7,700	14,200	6,780	15,971	8	4	2,250	23	9,190
71	Hairwork	16	22,384	300	800	1,535	19,749	18			30	7,010

SPECIFIED INDUSTRIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
120,131	$53,961,589	16,266	$3,553,063	5,679	$892,995	$30,935,854	$1,581,292	$1,975,048	$26,059,019	$1,319,995	$208,838,167	$202,871,904	$5,966,263	$360,818,942	1
3,276	1,622,606	-------	-------	13	3,159	699,865	7,410	35,911	647,588	8,956	3,290,690	3,208,981	81,709	7,886,363	2
3	1,380	5	1,521	-------	-------	1,087	648	34	405	-------	3,074	2,875	199	10,146	3
20	10,240	-------	-------	-------	-------	7,274	2,190	42	4,242	800	12,689	12,570	69	94,870	4
48	22,979	32	8,582	1	125	6,581	3,518	535	2,528	-------	45,233	44,721	512	126,036	5
6	3,242	2	575	-------	-------	2,414	860	176	1,378	-------	10,836	10,220	616	30,285	6
94	38,000	10	3,700	8	2,156	1,575	426	428	721	-------	20,712	19,200	1,512	91,695	7
130	52,271	2	572	12	1,554	28,639	18,787	1,387	7,757	708	169,406	164,726	4,680	392,761	8
1,500	611,512	1	130	71	13,507	170,266	9,807	7,805	147,451	5,203	1,536,592	1,495,154	41,438	2,795,286	9
2	1,144	1	120	4	1,248	7,867	12	150	7,705	-------	12,298	12,166	132	49,705	10
932	406,063	-------	-------	8	1,217	90,801	42,918	13,217	32,029	2,642	732,258	675,344	56,914	2,442,141	11
246	103,810	254	45,738	65	6,037	40,711	11,947	1,226	22,103	5,435	275,295	271,049	4,246	593,365	12
245	101,959	2	520	2	450	40,420	27,924	2,893	9,083	520	219,495	211,181	8,314	637,531	13
1,494	569,246	849	227,820	164	24,337	279,913	15,831	8,913	143,135	112,034	3,170,921	3,150,715	20,206	4,791,684	14
22	12,148	-------	-------	-------	-------	3,615	1,017	122	2,476	-------	43,128	42,340	788	76,942	15
85	26,610	122	23,118	25	2,500	13,756	460	1,352	11,944	-------	139,393	137,283	2,110	242,436	16
64	29,485	175	27,801	89	15,980	7,464	2,160	423	4,881	-------	121,416	118,557	2,859	240,926	17
1,064	353,070	36	8,844	190	24,829	68,620	5,755	5,805	57,060	-------	1,250,295	1,229,543	20,752	1,989,663	18
369	175,917	25	4,200	32	3,784	38,429	2,310	4,731	31,388	-------	512,555	500,692	11,963	888,775	19
134	53,950	11	8,000	-------	-------	12,088	110	1,598	10,380	-------	388,258	387,140	1,118	612,950	20
881	398,781	319	50,029	129	19,139	202,079	67,684	13,148	120,737	510	1,870,611	1,799,492	71,119	3,619,288	21
1,410	531,888	1	100	58	10,527	95,003	13,853	12,058	69,574	18	730,297	66,800	663,497	1,795,993	22
23	7,355	-------	-------	-------	-------	661	10	41	610	-------	15,150	14,440	710	28,984	23
148	52,871	6	1,326	11	842	7,315	2,611	859	3,603	242	147,464	145,715	1,749	291,599	24
74	26,088	26	5,880	6	140	1,830	480	58	1,292	-------	18,751	17,011	1,740	63,125	25
3,450	1,663,783	2	360	2	218	436,382	69,853	8,854	50,026	308,149	3,873,159	3,864,146	9,013	7,115,245	26
14	6,435	15	2,664	1	208	2,687	2,156	100	396	35	10,977	10,352	625	51,427	27
117	41,132	-------	-------	-------	-------	9,237	1,756	692	6,084	705	103,023	101,464	1,559	193,982	28
255	61,291	2	416	38	7,304	10,659	60	850	9,749	-------	118,221	113,206	5,015	272,125	29
8,317	1,599,917	47	14,339	38	6,437	370,099	15,347	38,320	309,680	6,752	3,346,621	3,286,152	60,469	6,956,341	30
4,499	2,306,997	3	1,147	-------	-------	138,270	-------	15,988	122,282	-------	3,525,144	3,455,870	69,274	6,306,823	31
5	1,310	-------	-------	-------	-------	88	-------	33	50	-------	3,900	3,850	50	7,555	32
1,742	884,678	25	6,479	13	2,347	157,123	19,285	22,022	113,310	2,506	16,623,859	16,365,358	258,501	20,120,147	33
49	24,569	15	1,689	-------	-------	57,549	5,700	834	51,015	-------	131,421	128,734	2,687	254,196	34
19	6,786	94	23,877	-------	-------	19,412	-------	337	13,675	5,400	226,570	225,744	826	311,079	35
1,521	739,635	406	103,660	19	2,157	229,676	109,753	9,022	58,684	52,217	1,322,905	1,302,208	20,697	3,310,047	36
503	238,454	1,765	360,282	59	8,114	511,763	42,089	11,740	104,645	353,289	2,369,930	2,353,439	16,491	4,393,092	37
22	17,614	729	141,207	14	986	31,363	23,917	736	6,256	455	203,156	197,910	5,246	567,843	38
37	27,600	216	53,216	-------	-------	17,626	4,296	446	12,684	200	100,542	98,723	1,819	271,991	39
35	17,934	5	1,190	1	182	49,134	3,412	2,593	43,124	-------	323,628	320,365	3,263	456,876	40
66	30,258	10	2,554	-------	-------	6,008	-------	1,073	4,935	-------	79,717	77,886	1,831	172,251	41
216	79,251	358	60,493	175	23,276	89,630	25,229	2,396	62,005	-------	985,711	974,389	11,322	1,570,445	42
1,010	415,892	-------	-------	37	6,656	80,966	4,728	12,813	60,595	2,830	905,181	893,968	11,213	1,683,180	43
22	5,615	1	260	17	1,495	1,502	44	252	1,206	-------	54,472	53,617	855	74,166	44
131	39,170	191	38,750	25	2,647	13,992	-------	3,934	10,058	-------	172,267	164,763	7,504	316,061	45
19	9,660	-------	-------	-------	-------	842	48	337	457	-------	24,625	22,698	1,927	46,528	46
14	5,772	2	388	2	260	8,867	576	626	7,665	-------	25,888	23,689	2,199	44,262	47
59	21,431	66	16,941	3	416	14,394	5,090	652	7,902	750	20,556	17,187	3,369	140,233	48
489	213,701	38	7,800	-------	-------	48,245	8,734	1,943	37,568	-------	358,976	347,796	11,180	923,587	49
100	49,578	-------	-------	-------	-------	20,948	5,724	683	14,541	-------	164,377	162,246	2,131	328,278	50
12	4,125	-------	-------	-------	-------	2,013	1,046	22	945	-------	9,060	7,656	1,404	23,377	51
1,008	287,718	288	51,660	-------	-------	61,985	120	9,722	52,143	-------	1,150,630	1,110,098	40,532	1,954,345	52
15	6,712	6	650	5	520	2,012	1,528	36	448	-------	4,558	4,268	290	24,050	53
1	300	22	4,220	1	82	628	254	72	297	-------	13,108	13,022	86	25,679	54
2	720	-------	-------	1	290	1,005	25	19	961	-------	28,142	27,796	346	35,792	55
10	4,668	3	560	1	135	7,409	1,785	154	5,470	-------	57,699	57,191	508	103,071	56
1,398	714,217	10	2,312	4	654	697,714	45,435	72,636	579,343	300	22,753,056	22,529,209	223,847	26,327,942	57
159	96,912	60	13,762	30	1,877	357,587	3,132	1,446	352,858	151	372,015	352,893	19,122	1,332,588	58
12,365	6,316,389	20	6,367	285	53,284	1,671,907	46,958	83,480	1,488,852	52,617	10,167,488	9,699,960	467,528	22,252,730	59
803	80,160	271	30,285	102	6,695	91,887	14,050	2,324	48,513	27,000	543,496	527,851	15,645	1,007,765	60
194	91,959	250	67,052	5	797	52,016	10,909	2,866	28,852	9,389	539,683	537,578	2,105	913,754	61
4	969	7	1,709	1	104	1,280	600	14	666	-------	11,176	11,101	75	19,500	62
247	112,340	20	5,777	13	1,722	28,270	12,106	2,303	13,763	98	216,729	211,717	5,012	589,328	63
6,940	2,399,705	279	62,260	556	91,630	717,374	15,348	38,878	627,618	35,530	3,899,134	3,802,689	96,445	8,721,823	64
88	16,774	3	718	1	240	3,529	535	172	2,814	8	20,967	19,203	1,764	56,959	65
531	268,039	1	420	-------	-------	263,896	-------	34,732	229,164	-------	321,047	273,493	47,554	1,396,535	66
3	1,092	-------	-------	-------	-------	703	402	16	285	-------	3,879	3,757	122	22,628	67
52	22,549	-------	-------	1	90	6,664	2,224	146	4,294	-------	65,093	63,786	1,307	112,787	68
112	41,997	199	35,500	8	976	9,474	2,883	549	5,442	600	319,167	316,878	2,289	507,495	69
23	9,190	-------	-------	-------	-------	3,167	310	257	2,600	-------	66,975	64,697	2,278	102,505	70
1	216	29	6,794	-------	-------	5,384	4,450	106	828	-------	12,583	12,243	340	37,661	71

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
72	Hammocks	3	$242,166	$11,813	$51,106	$28,396	$150,851	2	6	$10,800	232	$63,165
73	Hand knit goods	12	12,399	800	585	8,505	7,559	13			8	1,520
74	Hand stamps	4	32,881			13,100	19,781	4	3	6,000	37	13,216
75	Hardware	11	204,434	2,550	22,700	66,357	112,827	9	24	17,164	339	101,419
76	Hardware, saddlery	4	238,532	8,000	49,500	68,612	112,420	5	15	13,068	342	125,072
77	Hats and caps, not including fur hats and wool hats.	6	441,878	18,000	90,400	103,758	229,720	6	40	37,649	606	171,441
78	Hosiery and knit goods	27	2,558,299	59,760	222,935	674,934	1,600,670	13	125	150,209	2,722	600,495
79	House furnishing goods, not elsewhere specified.	7	196,201	25,500	30,600	29,325	110,776	7	18	11,254	89	38,088
80	Iron and steel	12	5,564,379	755,400	844,031	883,471	3,081,477		91	115,449	1,921	1,216,850
81	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	118,560	6,500	15,700	48,000	48,360		1	1,040	35	11,838
82	Ironwork, architectural and ornamental.	12	855,196	78,904	75,527	205,592	500,173	12	65	63,097	698	276,645
83	Jewelry	5	28,788			7,341	21,447	8	5	3,508	37	25,842
84	Kaolin and other earth grinding	4	108,470	21,200	15,888	42,982	28,400	3	1	1,800	27	10,985
85	Leather goods	4	62,555			6,875	55,680	1	6	7,550	159	33,388
86	Leather, tanned, curried, and finished	42	18,283,591	1,113,870	1,962,829	1,538,570	13,668,822	43	230	314,956	5,262	2,241,861
87	Lime and cement	53	1,916,873	852,785	354,289	227,331	482,468	58	48	69,375	696	285,769
88	Lithographing and engraving	7	792,057			305,603	486,454	2	52	88,117	427	208,010
89	Liquors, distilled	5	773,390	64,534	102,326	215,280	391,750	2	11	11,000	53	29,979
90	Liquors, malt	147	35,317,950	7,316,144	6,342,994	3,515,536	18,143,276	139	484	726,069	3,904	1,926,730
91	Lock and gun smithing	44	60,378	10,906	9,605	19,116	20,751	43	5	1,700	20	8,229
92	Looking-glass and picture frames	42	107,612	9,000	16,950	10,592	71,070	56	4	2,687	56	25,334
93	Lumber and timber products	1,066	77,366,223	30,909,588	2,798,719	9,548,074	34,114,842	1,284	1,131	1,198,695	21,701	9,480,011
94	Lumber, planing mill products, including sash, doors, and blinds.	123	6,591,114	596,812	948,277	1,044,826	4,001,199	123	245	277,107	4,377	1,653,319
95	Malt	17	3,648,145	322,974	1,138,945	596,080	1,590,146	7	52	86,260	366	209,812
96	Marble and stone work	54	947,542	365,550	139,785	215,185	227,022	58	45	31,234	506	255,104
97	Masonry, brick and stone	223	639,462	43,870	32,275	119,214	444,123	281	19	18,845	1,808	924,831
98	Mattresses and spring beds	19	1,159,400	36,597	173,372	188,408	761,023	21	39	69,252	1,045	412,382
99	Millinery and lace goods	6	283,578	30,500	36,300	55,150	161,628	10	18	28,347	267	96,809
100	Millinery, custom work	611	863,980	103,457	150,023	36,787	573,713	719	48	19,217	1,110	247,613
101	Mineral and soda waters	182	1,061,549	303,299	175,711	228,335	354,204	148	70	61,652	367	136,035
102	Models and patterns	7	81,667			19,550	62,117	5	11	9,250	151	37,334
103	Monuments and tombstones	105	1,139,429	280,174	171,710	129,224	558,321	119	79	64,095	542	273,126
104	Musical instruments and materials, not specified.	4	15,665			4,280	11,435	3			7	4,488
105	Musical instruments, organs and materials.	3	24,825	2,900	7,250	3,475	11,200	3			15	6,508
106	Optical goods	3	11,945			1,650	10,295	3	1	900	8	3,400
107	Painting, house, sign, etc	379	561,492	60,170	72,655	63,668	364,999	451	45	22,819	1,398	621,890
108	Paints	5	463,236			39,414	423,822	6	43	28,761	78	28,117
109	Paper and wood pulp	47	16,580,140	2,157,253	4,143,680	6,773,753	3,505,454	3	199	307,927	4,240	1,649,010
110	Paper goods, not elsewhere specified	3	58,000			17,000	41,000	4	7	5,988	92	22,600
111	Paper hanging	23	64,445	1,100	950	5,714	56,681	31	8	2,980	128	60,624
112	Patent medicines and compounds	40	467,383	11,350	82,900	147,620	225,513	36	38	35,189	266	97,631
113	Paving and paving materials	47	837,625	330,940	85,526	197,571	223,588	48	37	28,714	781	337,324
114	Perfumery and cosmetics	3	45,472			2,922	42,550	7	9	12,915	16	4,284
115	Photography	311	473,813	60,115	87,305	202,992	123,401	352	21	7,981	253	90,020
116	Photolithographing and photoengraving.	4	22,361			11,261	11,100	3	2	1,500	51	27,445
117	Pickles, preserves, and sauces	15	163,919	20,710	40,190	23,474	79,545	7	16	13,359	92	29,580
118	Plastering and stuccowork	54	106,532	15,750	19,941	19,864	50,977	65	1	1,350	189	97,545
119	Plumbers' supplies	5	160,907	23,000	24,746	40,094	73,067	4	7	9,160	138	51,786
120	Plumbing, and gas and steam fitting	248	968,895	82,050	96,505	109,051	681,289	315	94	51,249	1,265	580,846
121	Pottery, terra cotta, and fire-clay products.	4	23,349	6,500	5,700	5,650	5,499	9			10	3,739
122	Printing and publishing, book and job	103	924,819	51,290	59,620	584,598	229,311	113	67	65,154	716	285,028
123	Printing and publishing, newspapers and periodicals.	495	4,390,988	374,395	814,413	1,847,556	1,354,624	522	411	349,073	2,679	1,174,242
124	Pumps, not including steam pumps	6	6,478	1,700	700	1,030	3,048	6			7	2,514
125	Refrigerators	7	719,084	58,655	114,775	140,001	405,653	3	41	47,075	567	193,516
126	Regalia and society banners and emblems.	4	13,180			430	12,700	5			16	4,003
127	Roofing and roofing materials	21	120,875	13,580	18,000	16,805	72,490	25	1	600	78	28,367
128	Rubber and elastic goods	3	491,918	6,878	35,774	71,226	378,040		28	39,409	367	106,495
129	Saddlery and harness	525	1,327,184	150,366	255,495	110,857	810,466	573	40	29,933	678	270,371
130	Sausage	8	247,150	64,800	74,500	48,050	59,800	9	11	19,002	140	50,352
131	Sewing machine repairing	9	7,465	1,100	2,600	1,780	1,985	8			3	2,286
132	Ship and boat building, wooden	29	832,225	253,700	111,000	250,670	216,855	31	20	19,968	562	282,567
133	Shirts	9	76,584	11,000	21,000	18,685	25,899	8	11	9,865	256	72,177
134	Slaughtering and meat packing, wholesale.	11	3,784,216	268,882	525,152	425,330	2,564,852	17	122	144,833	1,361	560,808
135	Soap and candles	15	728,606	119,958	98,892	109,986	394,770	13	75	92,413	199	75,691
136	Soda water apparatus	3	114,400	30,400	10,400	11,550	62,050	1	7	7,860	36	22,100
137	Springs, steel, car and carriage	5	205,999	14,000	26,500	46,100	119,399	3	15	12,610	131	55,453
138	Starch	6	93,250	10,450	22,000	36,750	24,050	4	7	4,020	34	15,267
139	Steam fittings and heating apparatus	8	934,426	115,615	122,091	130,218	566,502	7	63	64,713	395	137,661
140	Sugar and molasses, refining	18	15,330	1,600	3,245	10,115	370	24			11	2,971
141	Surgical appliances	5	24,550	4,400	1,000	2,600	16,550	7	5	2,700	18	2,785

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
40	$23,931	109	$26,234	83	$13,000	$9,488	----------	$1,008	$8,480	----------	$163,014	$161,333	$1,681	$311,319	72
1	282	7	1,238	----------	----------	2,051	$581	19	584	$867	10,278	10,154	124	21,635	73
86	12,916	1	300	----------	----------	5,194	2,190	103	2,901	----------	28,913	23,741	172	53,382	74
286	90,088	37	8,575	16	2,756	17,050	2,682	246	14,022	----------	122,464	115,030	7,434	313,045	75
341	124,832	----------	----------	1	240	21,982	650	545	18,787	2,000	102,651	96,303	6,348	284,365	76
276	104,475	308	64,132	22	2,834	46,060	644	1,845	43,571	----------	276,725	267,594	9,131	602,820	77
341	144,862	1,756	357,777	625	97,856	223,216	16,886	6,814	195,374	4,642	1,176,146	1,149,295	26,851	2,486,813	78
64	29,730	24	8,258	1	100	13,974	934	1,314	11,726	----------	230,702	227,419	3,283	320,756	79
1,921	1,216,850	----------	----------	----------	----------	361,571	12,310	34,202	315,059	----------	5,410,066	4,182,409	1,227,657	8,905,226	80
29	10,391	----------	----------	6	1,447	5,426	----------	336	5,090	----------	77,265	74,630	2,635	118,600	81
688	274,590	----------	----------	10	2,055	63,329	5,246	3,276	54,207	600	1,153,776	1,141,514	12,262	1,865,075	82
37	25,842	----------	----------	----------	----------	2,127	1,341	29	757	----------	36,051	35,683	368	76,372	83
27	10,985	----------	----------	----------	----------	2,650	----------	335	2,315	----------	18,473	14,438	4,035	42,064	84
68	19,701	67	9,836	24	3,851	3,875	1,194	167	2,514	----------	123,788	122,976	812	178,895	85
5,166	2,226,108	29	6,783	67	8,970	735,767	10,690	79,147	645,930	----------	16,040,304	15,927,911	112,393	20,074,373	86
691	235,044	4	595	1	130	87,514	22,485	6,433	58,646	----------	364,011	171,601	192,410	960,004	87
374	192,900	41	13,092	12	2,018	66,607	16,820	1,915	41,088	6,784	221,266	215,786	5,480	715,862	88
53	29,979	----------	----------	----------	----------	2,280,404	----------	1,800	2,278,604	----------	342,296	313,941	28,355	2,698,984	89
3,178	1,770,594	306	84,470	420	71,666	10,259,291	3,656	171,379	10,079,156	5,100	4,237,454	3,879,031	358,423	19,394,709	90
15	7,251	4	848	1	130	6,505	3,730	400	2,275	100	22,078	20,930	1,148	71,237	91
48	23,995	7	1,159	1	180	8,022	5,522	675	1,825	----------	70,680	69,380	1,300	160,983	92
21,181	9,369,994	83	18,486	437	91,531	2,420,060	25,724	770,083	1,597,053	27,200	35,199,409	35,198,024	1,385	57,684,816	93
4,095	1,604,025	6	2,047	276	47,247	393,644	16,112	44,042	321,601	17,889	5,036,773	4,995,114	41,659	8,400,695	94
363	209,012	3	800	----------	----------	207,596	7,400	26,111	171,445	2,640	3,174,525	8,048,208	126,317	4,089,715	95
506	255,104	----------	----------	----------	----------	38,729	3,949	4,923	23,357	6,500	233,637	219,472	14,165	754,456	96
1,805	924,381	1	168	2	282	109,516	6,527	4,787	25,061	73,141	1,923,130	1,916,834	6,296	3,506,175	97
937	386,503	85	21,123	23	4,756	73,600	6,339	4,701	62,560	----------	1,188,122	1,173,720	9,402	1,888,841	98
56	33,114	208	63,017	3	178	42,988	2,234	1,803	39,351	100	299,012	295,707	3,305	529,185	99
9	2,097	1,091	244,623	10	893	120,414	86,648	6,609	27,155	2	1,082,613	1,070,956	11,657	2,047,312	100
344	133,033	16	2,286	7	716	118,505	5,435	6,972	106,098	----------	489,690	480,336	9,354	1,151,747	101
86	28,884	43	6,650	22	1,800	17,380	3,710	262	13,408	----------	62,636	60,741	1,895	144,583	102
542	273,126	----------	----------	----------	----------	41,667	4,162	5,668	29,230	2,607	506,154	497,407	8,747	1,109,897	103
6	4,188	----------	----------	1	800	769	480	8	281	----------	1,977	1,855	122	9,740	104
15	6,508	----------	----------	----------	----------	2,032	----------	151	1,881	----------	5,781	5,447	334	18,488	105
8	3,400	----------	----------	----------	----------	3,233	2,440	64	729	----------	9,500	9,460	40	31,065	106
1,394	621,191	1	200	3	499	75,076	29,863	3,422	34,301	7,490	575,418	571,062	4,356	1,791,018	107
68	24,117	10	4,000	----------	----------	21,400	5,400	2,093	13,907	----------	675,711	673,188	2,523	881,767	108
3,437	1,480,633	775	159,998	28	8,379	664,591	27,671	97,530	532,415	6,975	6,712,749	6,066,996	645,753	10,895,576	109
32	11,700	56	10,100	4	800	7,022	3,200	122	4,300	----------	68,237	66,562	1,675	134,160	110
127	60,474	1	150	----------	----------	9,647	5,435	342	3,762	108	56,078	55,605	468	169,895	111
81	43,291	162	49,640	23	4,700	168,084	7,081	1,218	159,635	150	175,315	172,948	2,367	576,454	112
783	337,156	----------	----------	1	168	32,501	5,344	2,942	24,215	----------	312,317	289,155	23,162	847,786	113
5	1,849	11	2,435	----------	----------	6,174	1,185	163	4,826	----------	32,850	32,569	281	64,935	114
140	60,404	111	29,328	2	288	74,444	46,011	3,028	23,378	2,027	209,798	200,724	9,074	705,872	115
50	27,341	----------	----------	1	104	5,816	2,220	45	3,051	----------	7,669	5,959	1,710	50,724	116
54	20,165	23	7,894	15	1,521	33,110	2,212	834	30,064	----------	131,030	128,841	2,189	316,657	117
189	97,545	----------	----------	----------	----------	16,881	2,222	789	5,205	8,665	150,795	148,290	2,505	350,464	118
138	51,786	----------	----------	----------	----------	10,101	468	589	9,044	----------	55,626	48,218	7,408	156,219	119
1,253	579,154	2	332	10	1,360	92,815	44,794	4,654	43,272	95	1,506,545	1,496,638	9,907	2,797,258	120
8	3,164	----------	----------	2	575	685	----------	170	465	----------	1,277	582	695	14,213	121
635	264,766	50	15,725	31	4,537	79,201	31,883	3,522	30,531	13,265	322,957	306,484	16,473	972,203	122
1,954	1,018,634	519	135,228	206	20,380	462,784	72,108	21,502	300,741	68,433	902,588	809,697	92,891	4,103,415	123
7	2,514	----------	----------	----------	----------	722	282	56	384	----------	4,155	4,077	78	13,224	124
531	186,243	----------	----------	36	7,273	63,466	600	3,172	43,199	16,495	383,220	379,565	3,655	749,412	125
----------	----------	16	4,003	----------	----------	2,390	1,594	94	702	----------	19,557	19,387	170	35,414	126
77	28,161	----------	----------	1	206	7,632	1,828	474	5,330	----------	42,269	41,209	1,060	127,053	127
70	31,842	295	74,413	2	240	41,870	480	933	40,457	----------	491,567	446,859	44,708	735,570	128
641	261,608	26	7,064	11	1,699	82,148	39,786	9,134	32,508	720	1,077,451	1,063,166	14,285	1,906,632	129
137	49,702	3	650	----------	----------	28,795	1,220	1,472	26,103	----------	394,223	388,297	5,926	540,806	130
3	2,286	----------	----------	----------	----------	1,315	671	15	629	----------	3,730	3,624	106	11,817	131
559	281,667	3	900	----------	----------	42,119	1,658	5,787	24,674	10,005	212,680	201,861	10,819	707,955	132
23	13,976	225	57,351	8	850	6,708	1,179	486	5,043	----------	103,179	101,874	1,305	247,870	133
1,359	560,433	2	375	----------	----------	405,589	21,362	10,015	374,212	----------	11,850,186	11,796,057	54,079	13,601,125	134
138	62,221	60	13,350	1	120	102,284	6,096	3,172	93,016	----------	724,572	712,882	11,690	1,096,092	135
36	22,100	----------	----------	----------	----------	30,037	350	578	3,569	25,540	57,323	56,673	650	152,300	136
130	55,050	1	408	----------	----------	8,230	364	623	7,243	----------	223,060	210,003	13,057	340,823	137
30	14,467	4	800	----------	----------	9,999	420	889	8,690	----------	100,719	98,070	2,649	154,030	138
388	135,508	7	2,153	----------	----------	74,376	2,484	4,647	61,475	5,770	733,935	721,771	12,164	1,123,731	139
10	2,543	1	428	----------	----------	418	5	76	337	----------	7,643	6,367	1,276	15,450	140
3	1,485	10	1,800	----------	----------	2,330	1,120	83	1,127	----------	24,039	23,684	355	49,420	141

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
142	Taxidermy	4	$1,800			$210	$1,590	4			1	$300
143	Tinsmithing, coppersmithing, and sheet-iron working.	497	1,979,821	$199,120	$287,815	475,006	1,017,880	597	116	$72,142	1,453	575,509
144	Tobacco, chewing, smoking, and snuff	6	717,732			71,060	646,672	7	30	53,420	300	103,958
145	Tobacco, cigars and cigarettes	622	1,597,914	133,473	207,144	66,512	1,190,785	680	68	75,569	1,969	799,281
146	Tools, not elsewhere specified	8	89,450	5,300	2,600	20,700	60,850	8	6	6,250	67	29,830
147	Trunks and valises	16	1,558,855	149,915	288,158	87,922	1,032,860	10	115	133,875	1,083	287,389
148	Upholstering materials	11	204,457	16,100	41,675	80,247	66,435	10	10	10,880	128	45,054
149	Vinegar and cider	5	172,588	5,500	13,000	78,192	75,896	4	19	18,400	38	18,469
150	Watch, clock, and jewelry repairing	366	456,181	61,175	87,295	121,324	186,387	394	8	3,160	236	110,100
151	Windmills	9	614,572	22,669	95,527	78,441	417,935	10	27	27,006	198	94,883
152	Wirework, including wire rope and cable.	12	438,766	18,180	52,480	69,590	298,516	16	39	31,644	199	75,294
153	Wood, turned and carved	11	139,535	21,335	27,845	42,550	47,805	11	2	5,000	35	15,202
154	Woodenware, not elsewhere specified	3	1,773,682	301,200	539,599	102,283	830,600	1	21	26,000	1,047	363,708
155	Woolen goods	32	1,794,055	154,654	265,896	433,588	939,917	26	53	65,210	861	259,258
156	All other industries[1]	103	7,630,732	1,051,824	1,299,204	1,957,473	3,322,231	84	270	279,079	4,190	1,288,726

[1] Embraces axle grease, 1; bags, other than paper, 2; billiard tables and materials, 1; bluing, 2; boot and shoe cut stock, 1; boot and shoe findings, 1; boot and shoe uppers, 2; brass and copper, rolled, 1; carpets and rugs, other than rag, 1; cars and general shop construction and repairs by street railroad companies, 2; cheese and butter, urban dairy products, 1; china decorating, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 2; clocks, 1; clothing, men's, factory product, buttonholes, 2; coke, 1; combs, 2; cork, cutting, 1; drug grinding, 1; envelopes, 1; explosives, 1; felt goods, 1; files, 2; foundry supplies, 1; gas and lamp fixtures, 2; glass, 1; glue, 2; graphite and graphite refining, 1; ink, writing, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1; labels and tags, 1; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; linen goods, 2; liquors, vinous, 2;

TABLE 8.—MANUFACTURES IN CITIES

LA CROSSE.

1	All industries	255	$7,230,360	$1,049,415	$1,117,735	$1,259,962	$3,803,248	266	300	$310,436	3,009	$1,105,985
2	Agricultural implements	5	293,061	15,500	60,800	28,300	188,461	4	24	31,822	148	71,709
3	Bicycle and tricycle repairing	5	3,550	500	400	1,525	1,125	5			6	1,960
4	Blacksmithing and wheelwrighting	14	11,585	5,500	1,895	1,790	2,460	16			15	6,446
5	Boots and shoes, custom work and repairing.	8	1,565			655	910	8			7	2,964
6	Bread and other bakery products	10	129,242	9,200	25,700	54,634	39,708	9	14	6,171	67	15,468
7	Carriages and wagons	4	140,125	21,000	31,000	12,075	76,050	4	10	6,750	82	35,292
8	Clothing, men's, custom work and repairing.	12	31,125	2,000	3,500	1,475	24,150	17	1	1,000	60	32,455
9	Clothing, women's, dressmaking	3	800			300	500	4			15	2,600
10	Confectionery	4	107,528	4,000	22,427	9,513	71,588	3	17	14,750	147	26,264
11	Cooperage	13	25,275	5,825	3,675	4,075	11,700	14			44	21,485
12	Dyeing and cleaning	3	1,050			475	575	3			2	455
13	Flouring and grist mill products	4	285,224	12,800	89,574	94,000	188,850	3	17	26,130	48	27,349
14	Foundry and machine shop products	8	244,759	47,500	54,600	74,550	68,109	13	4	5,450	108	51,925
15	Furniture, cabinetmaking, repairing, and upholstering.	4	4,465		800	1,165	3,000	4			5	2,640
16	Furniture, factory product	3	68,200	5,600	6,000	7,300	44,300	3	2	1,320	86	30,608
17	Liquors, malt	6	1,660,367	127,200	567,280	311,208	654,679	5	50	61,258	201	91,362
18	Lock and gun smithing	3	1,725			825	900	3			4	975
19	Looking-glass and picture frames	4	5,870			1,995	3,875	4	2	1,320	9	2,490
20	Lumber and timber products	4	2,106,220	634,140	36,800	116,687	1,318,593	3	24	29,047	410	191,622
21	Lumber, planing mill products, including sash, doors, and blinds.	3	364,800	34,500	62,950	61,451	205,899	2	14	16,100	232	82,578
22	Marble and stone work	3	15,550	3,200	6,050	2,400	3,900	4	3	1,000	4	2,275
23	Millinery, custom work	8	12,100			200	11,900	8			40	9,030
24	Painting, house, sign, etc	3	6,195	100	1,330	590	4,175	3			18	8,000
25	Paving and paving materials	3	17,700	1,200	4,000	3,300	9,200	4			16	7,550
26	Photography	9	12,400	900	2,100	5,500	3,900	9			11	3,400
27	Plumbing, and gas and steam fitting	7	82,875	17,950	18,300	3,850	42,775	10	3	1,600	40	17,850
28	Printing and publishing, book and job	4	10,550			8,000	2,550	5	1	400	8	2,600
29	Printing and publishing, newspapers and periodicals.	8	112,800	12,000	15,300	60,500	25,000	9	9	5,335	107	33,511
30	Saddlery and harness	8	57,831	6,000	5,500	8,815	37,516	6	5	4,501	33	12,901
31	Tinsmithing, coppersmithing, and sheet-iron working.	9	28,525	6,700	13,700	2,925	5,200	7			29	14,361
32	Tobacco, cigars and cigarettes	13	119,418	925	3,000	4,462	111,031	13	9	11,930	133	49,067
33	Watch, clock, and jewelry repairing	12	16,675	3,000	5,000	4,425	4,250	13			12	5,360
34	All other industries[1]	48	1,256,205	72,175	126,614	370,997	686,419	48	91	84,552	862	241,433

[1] Embraces awnings, tents, and sails, 2; billiard tables and materials, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brooms and brushes, 2; carpentering, 2; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; cutlery and edge tools, 1; electrical construction and repairs, 1; fur goods, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hairwork, 1; hammocks, 1; hosiery and knit goods, 2; ironwork, architectural and ornamental, 2; leather, tanned, curried, and finished, 1;

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1	$300					$597	$488	$7	$2	$100	$545	$481	$64	$4,910	142
1,278	548,826	82	$16,464	93	$15,219	133,782	46,582	8,523	77,244	1,383	926,822	905,368	20,954	2,675,548	143
170	78,779	102	21,098	28	4,081	845,656	13,390	6,736	825,530		472,735	465,849	6,886	1,682,354	144
1,561	719,512	289	65,159	119	14,610	436,842	42,548	8,943	385,154	197	1,224,417	1,212,560	11,857	3,255,676	145
64	28,730	2	800	1	300	6,674	2,036	461	4,177		47,741	45,319	2,422	107,172	146
762	222,489	158	40,326	163	24,574	105,873	5,044	6,273	94,556		825,157	816,501	8,656	1,560,006	147
122	43,410	6	1,644			7,678	450	1,727	5,496		150,540	144,109	6,431	301,895	148
36	18,059	1	260	1	150	14,582	4,000	717	9,815		90,901	86,739	4,162	163,330	149
226	108,225	7	1,387	3	488	55,947	35,386	3,858	13,145	3,558	133,559	127,085	6,474	529,606	150
196	94,631			2	252	7,850	244	1,359	6,247		243,943	237,485	6,458	444,787	151
190	73,604	9	1,690			34,781	4,842	1,391	28,498		423,951	421,347	2,604	638,797	152
29	14,502			6	700	5,183	253	485	4,445		30,261	29,613	648	70,302	153
1,004	358,588			48	5,120	73,675	120	23,248	50,307		476,270	475,754	516	1,226,671	154
396	152,060	392	96,356	73	10,842	104,250	1,346	9,849	92,680	375	899,711	871,421	28,290	1,435,868	155
2,574	993,159	1,271	240,873	345	54,694	472,464	27,181	29,385	413,075	2,823	4,723,113	4,538,338	184,775	8,163,378	156

matches, 1; mats and matting, 1; mirrors, 1; mucilage and paste, 2; nets and seines, 2; oil, essential, 2; oil, linseed, 1; oil, not elsewhere specified, 2; pens, fountain and stylographic, 1; photographic apparatus, 2; pipes, tobacco, 1; pocketbooks, 1; printing and publishing, music, 1; printing materials, 2; rules, ivory and wood, 1; saws, 2; scales and balances, 1; screws, machine, 1; shipbuilding, iron and steel, 1; shoddy, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 2; sporting goods, 2; stationery goods, not elsewhere specified, 2; steam packing, 2; stereotyping and electrotyping, 1; straw goods, not elsewhere specified, 2; tobacco, stemming and rehandling, 2; toys and games, 2; umbrellas and canes, 1; washing machines and clothes wringers, 2; window shades, 1; wool pulling, 1; worsted goods, 2; zinc, smelting and refining, 1.

BY SPECIFIED INDUSTRIES: 1900.

LA CROSSE.

2,231	$960,116	733	$140,345	45	$5,524	$864,006	$31,515	$42,412	$752,675	$37,404	$4,965,850	$4,852,452	$113,398	$8,281,749	1
148	71,709					23,684	180	2,209	19,441	1,854	219,088	213,377	5,661	368,012	2
6	1,960					964	549	42	373		4,172	4,010	162	10,850	3
15	6,446					1,433	930	126	377		6,818	6,325	493	26,575	4
7	2,964					499	409		90		2,669	2,632	37	7,925	5
38	10,963	28	4,395	1	110	5,877	730	382	4,765		72,306	70,344	1,962	127,022	6
81	34,992	1	300			6,958	270	1,088	5,600		70,883	68,897	1,986	150,876	7
60	32,455					2,560	1,486	157	917		28,325	28,185	140	92,100	8
		15	2,600			461	396		65		1,330	1,250	80	7,400	9
31	10,128	112	15,636	4	500	11,272	1,720	404	9,148		195,700	194,595	1,105	308,802	10
44	21,485					2,687	60	163	2,414		33,188	32,828	360	73,085	11
1	135	1	320			571	384	12	175		525	475	50	3,500	12
48	27,349					39,557		1,205	38,352		1,081,660	1,073,995	7,665	1,208,877	13
108	51,925					7,989	360	1,343	6,036	250	81,194	77,674	3,520	192,150	14
5	2,640					550	384	11	155		5,232	5,047	185	12,790	15
84	30,000	2	608			37,663	456	237	1,970	35,000	35,678	33,958	1,120	119,641	16
160	80,955	31	9,170	10	1,237	452,414		10,279	442,135		312,670	284,044	28,626	1,138,090	17
3	800	1	175			488	441	4	38		1,120	1,065	55	4,700	18
4	1,830	5	660			700	485	50	165		7,191	7,045	146	14,200	19
390	186,314	20	5,308			84,907		14,096	70,811		1,106,852	1,106,852		1,544,410	20
232	82,578					18,283	500	2,600	15,183		247,076	244,901	2,175	401,962	21
4	2,275					1,000	35	150	815		5,935	5,845	90	15,206	22
		40	9,030			6,157	5,690	90	377		32,393	32,393		62,300	23
18	8,000					526	125	36	365		7,905	7,810	95	20,000	24
16	7,550					413	120	53	240		12,915	12,795	120	26,000	25
7	2,575	4	825			2,970	1,728	117	1,125		4,685	4,500	185	21,000	26
40	17,850					6,659	1,044	586	5,029		67,330	66,535	795	115,814	27
7	2,400	1	200			964	552	47	365		4,768	4,618	150	12,250	28
99	31,524	4	1,562	4	425	5,523	1,255	504	3,764		35,889	33,264	2,625	137,215	29
30	12,201	3	700			2,876	732	333	1,811		62,144	61,400	744	94,806	30
29	14,361					3,577	470	92	3,015		26,597	26,192	405	51,800	31
98	43,397	13	2,920	22	2,750	31,245	1,856	353	29,036		74,292	73,905	387	191,865	32
9	4,910	3	450			2,205	1,207	110	588	300	6,827	6,763	64	22,020	33
409	155,445	449	85,486	4	502	100,429	6,961	5,583	87,985		1,111,148	1,058,933	52,210	1,703,506	34

masonry, brick and stone, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 2; paper hanging, 1; patent medicines and compounds, 1; photographic apparatus, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; sausage, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 2; soap and candles, 1; stationery goods, not elsewhere specified, 1; surgical appliances, 1; trunks and valises, 1; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

MILWAUKEE.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	3,342	$110,363,854	$15,666,499	$12,590,681	$18,063,162	$64,043,512	3,586	4,352	$1,481,829	48,328	$20,240,656
2	Agricultural implements	4	4,109,622	201,300	271,853	198,669	3,437,800	4	587	293,504	524	271,343
3	Artificial limbs	4	22,145			2,843	19,302	2	8	5,506	20	10,240
4	*Awnings, tents, and sails*	10	40,032	1,200	2,375	3,105	33,352	12	2	1,800	35	14,123
5	Baking and yeast powders	3	87,100			7,050	80,050	4	4	2,500	7	3,675
6	Baskets, and rattan and willow ware	4	2,878	1,200	900	118	660	5			2	656
7	*Bicycle and tricycle repairing*	51	47,200	700	1,250	12,300	32,950	33			46	16,523
8	Bicycles and tricycles	16	1,217,307	110,000	109,361	430,627	567,319	12	114	85,290	774	296,826
9	Blacksmithing and wheelwrighting	111	231,243	85,360	41,060	26,531	78,292	129	5	3,300	185	105,290
10	Bookbinding and blank book making	11	295,292			95,201	200,091	9	48	38,076	519	141,686
11	Boots and shoes, custom work and repairing.	205	65,544	11,145	9,730	15,123	29,546	214			92	37,439
12	Boots and shoes, factory product	18	1,261,931	43,500	147,000	289,294	782,137	11	96	83,272	1,363	442,277
13	Boxes, wooden packing	6	521,077	102,182	56,828	104,925	257,142	6	17	15,402	495	173,278
14	Brass castings and brass finishing	9	917,862	89,072	165,225	236,821	426,744	4	53	57,933	424	182,653
15	Bread and other bakery products	249	947,272	141,895	206,418	239,928	359,031	248	93	67,748	721	266,553
16	Brick and tile	3	154,711	100	34,500	19,240	100,871	1	4	3,400	110	50,779
17	Brooms and brushes	20	69,241	19,700	7,300	8,986	33,255	23	9	7,085	104	32,002
18	Carpentering	287	776,121	173,870	98,491	101,997	401,763	334	11	8,172	1,590	764,496
19	Carpets, rag	19	4,305	450	275	2,060	1,520	19			17	3,326
20	Carriages and wagons	30	601,475	174,600	101,999	101,735	223,141	38	12	11,660	258	115,573
21	Cars and general shop construction and repairs by steam railroad companies.	3	139,753	50,500	51,200	26,553	11,500		16	13,594	323	164,871
22	Cheese, butter, and condensed milk, factory product.	4	53,290	3,100	15,200	19,530	15,460	4	9	4,240	24	10,690
23	*Chemicals*	4	288,455			154,995	133,460	2	33	43,050	64	26,258
24	Clothing, men's, custom work and repairing.	226	544,523	19,660	13,245	34,575	477,043	257	38	28,374	703	315,180
25	Clothing, men's, factory product	76	2,341,902	26,010	66,850	73,166	2,175,876	82	172	194,647	1,659	453,078
26	*Clothing, women's, dressmaking*	81	81,703	250	300	12,209	68,944	83	3	3,285	335	80,153
27	Clothing, women's, factory product	6	100,525			6,400	94,125	11	19	14,150	161	49,200
28	Coffee and spice, roasting and grinding	3	212,333	18,000	22,000	23,170	149,163	2	41	34,290	35	16,106
29	Confectionery	17	464,355	27,000	45,886	105,270	286,699	13	65	60,606	510	116,074
30	Cooperage	43	476,920	108,426	80,475	84,462	253,557	48	8	6,138	421	177,184
31	Cordage and twine	3	81,565	3,000	2,870	13,310	12,385	3	4	2,600	40	7,370
32	Druggists' preparations, not including prescriptions.	3	112,064	3,000	21,000	32,861	55,203		9	5,858	13	5,672
33	Dyeing and cleaning	14	74,555	13,100	10,370	20,980	30,105	17	14	7,339	115	84,075
34	Electrical apparatus and supplies	4	688,318	600		109,772	577,946		34	34,514	367	152,460
35	Electrical construction and repairs	8	143,266	30,000	10,000	12,252	91,034	7	27	13,198	70	36,665
36	Electroplating	5	16,530			10,780	5,750	9			8	2,945
37	*Enameling and enameled goods*	3	1,820,363	283,350	368,000	372,990	796,023	42	39	60,660	1,061	252,742
38	Engraving, steel, including plate printing.	5	8,900			4,956	3,944	4	2	936	26	7,882
39	Fish, canning and preserving	5	2,540	1,125	550	165	700	6			1	290
40	*Flavoring extracts*	4	60,329			6,250	54,079	2	10	6,904	13	5,188
41	Flouring and grist mill products	7	1,385,374	168,000	197,000	245,081	785,293	5	53	69,243	267	143,209
42	Food preparations	10	137,350	11,200	9,100	28,791	138,259	7	26	14,728	50	17,116
43	*Foundry and machine shop products*	78	14,726,149	1,530,740	1,540,498	3,797,013	7,857,898	60	459	657,324	7,647	3,990,347
44	Fur goods	13	429,276	200	5,250	20,542	403,284	16	37	26,502	392	141,902
45	Furnishing goods, men's	3	17,379			1,189	16,190	3			12	2,782
46	Furniture, cabinetmaking, repairing, and *upholstering.*	41	188,752	32,000	30,100	13,047	113,605	54	9	7,964	188	86,170
47	Furniture, factory product	21	1,227,719	114,000	204,297	164,215	745,207	24	94	91,288	1,079	437,790
48	Furs, dressed	3	26,039	6,800	4,900	5,250	9,089	4	1	159	28	12,333
49	Glass, cutting, staining, and ornamenting.	4	52,146	600	800	5,078	46,168	4	3	3,685	43	19,121
50	Gloves and mittens	6	85,423	4,900	7,000	10,208	63,315	4	3	2,299	124	43,429
51	Hairwork	11	19,069			1,280	17,789	13			25	5,786
52	Hand knit goods	9	8,709	700	400	1,825	5,784	10			5	1,020
53	Hand stamps	3	32,826			13,090	19,736	3	3	6,000	37	13,216
54	Hats and caps, not including fur hats and wool hats.	6	441,878	18,000	90,400	103,758	229,720	6	40	37,649	606	171,441
55	Hosiery and knit goods	13	1,081,814	29,750	65,303	270,368	716,393	9	38	58,944	1,417	290,451
56	House furnishing goods, not elsewhere *specified.*	3	55,975	10,000	15,000	3,125	27,850	3	6	4,734	29	14,510
57	Iron and steel	8	4,309,973	666,983	483,392	699,707	2,459,891		67	81,222	1,590	1,040,287
58	Ironwork, architectural and ornamental.	8	524,241	61,623	44,203	123,554	294,861	9	32	32,576	397	156,058
59	Jewelry	3	11,900			2,900	9,000	4	1	1,400	28	21,980
60	Leather, tanned, curried, and finished	11	11,373,668	908,039	1,335,190	991,489	8,138,950	12	143	188,359	2,862	1,234,147
61	Liquors, malt	9	27,459,541	6,666,249	3,528,805	2,099,890	15,164,597	3	244	471,329	2,827	1,374,904
62	Lithographing and engraving	7	792,057			305,603	486,454	2	52	88,117	427	208,010
63	Lock and gun smithing	15	14,493	1,000	500	4,012	8,981	14	5	1,700	8	3,303
64	Looking-glass and picture frames	14	60,172	2,400	3,700	5,367	48,705	21	2	1,367	29	14,593
65	Lumber, planing mill products, including sash, doors, and blinds.	15	1,697,749	226,989	312,812	238,085	919,863	8	80	105,586	1,231	435,568
66	Malt	3	1,448,900	135,000	390,000	236,500	687,400		15	29,960	177	115,145

BY SPECIFIED INDUSTRIES: 1900—Continued.

MILWAUKEE.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
37,836	$18,163,139	7,501	$1,625,281	2,991	$452,236	$16,690,165	$870,027	$471,449	$14,619,855	$728,834	$65,118,719	$62,982,647	$2,136,072	$123,786,449	1
514	268,952			10	2,391	134,109	300	4,859	128,950		806,086	803,079	3,007	2,296,888	2
20	10,240					7,274	2,190	42	4,242	800	12,639	12,570	69	94,870	3
21	10,374	13	3,624	1	125	3,211	1,930	241	1,040		23,356	23,162	194	65,688	4
5	3,100	2	575			2,936	810	176	1,950		10,210	9,635	575	27,885	5
1	500			1	156	188	41	31	116		1,324	1,252	72	3,647	6
40	15,540			6	983	10,102	6,897	236	2,336	633	64,181	62,958	1,223	139,474	7
733	289,599			41	7,227	87,416	9,327	5,045	68,194	4,850	523,540	506,513	17,027	1,223,549	8
184	104,978			1	312	22,196	12,967	1,747	5,827	1,655	82,534	76,354	6,180	372,638	9
221	94,100	233	41,549	65	6,037	33,885	10,134	678	17,958	5,115	245,851	242,198	3,653	521,961	10
92	37,439					15,214	11,309	599	2,944	362	62,462	60,018	2,444	201,422	11
790	297,784	449	127,405	124	17,088	95,689	11,346	4,168	79,165	1,010	1,415,078	1,403,747	11,331	2,195,928	12
381	151,831	34	8,240	80	13,207	37,222	4,798	2,256	30,168		473,206	462,230	10,976	762,281	13
367	174,669	25	4,200	32	3,784	38,272	2,260	4,720	31,292		510,324	498,410	11,914	884,050	14
483	227,566	125	21,873	113	17,114	129,423	42,012	8,364	79,047		1,090,182	1,045,067	45,115	2,157,802	15
110	50,779					19,705	10,500	553	8,652		49,365	3,912	45,453	163,500	16
97	31,670			7	832	5,277	1,836	591	2,608	242	98,533	97,494	1,039	178,689	17
1,588	764,278			2	218	214,726	62,672	4,816	27,464	119,774	1,813,933	1,810,965	2,968	3,324,734	18
6	1,772	11	1,554			1,183	954	32	197		3,975	3,800	175	20,137	19
257	115,365			1	208	28,021	6,724	2,793	17,104	1,400	155,402	149,544	5,858	385,330	20
323	164,871					1,815		315	1,500		119,813	116,229	3,584	300,093	21
23	10,390	1	300			2,500	150	245	2,105		135,528	132,377	3,151	169,225	22
49	24,569	15	1,689			57,549	5,700	834	51,015		131,421	128,734	2,687	254,196	23
573	285,627	114	27,723	16	1,830	134,730	58,317	2,394	30,738	43,281	555,235	549,175	6,060	1,387,133	24
438	209,663	1,177	237,229	44	6,186	481,537	37,312	9,373	81,563	353,289	1,880,621	1,869,715	10,906	3,593,736	25
19	12,014	302	67,153	14	986	17,779	13,289	243	3,802	445	138,309	136,247	2,062	313,806	26
28	21,750	133	27,450			14,930	3,410	446	11,074		54,485	53,773	712	188,991	27
29	14,734	5	1,190	1	182	46,854	2,980	2,417	41,457		253,055	250,645	2,410	364,477	28
151	57,916	199	36,622	160	21,536	62,605	13,089	1,607	47,909		675,995	668,159	7,836	1,040,400	29
410	174,894			11	2,200	23,675	2,815	2,962	17,293	605	387,713	383,949	3,764	716,867	30
22	5,615	1	260	17	1,495	1,502	44	252	1,206		54,472	53,617	855	74,166	31
11	5,412			2	260	3,352	276	151	2,925		22,181	19,982	2,199	33,454	32
51	17,952	61	15,707	3	416	11,288	3,152	542	6,844	750	14,768	12,529	2,239	113,795	33
359	150,960	8	1,500			32,741	7,789	1,623	23,329		178,061	170,921	7,140	502,332	34
70	36,665					17,538	4,347	641	12,550		116,609	114,987	1,622	240,407	35
8	2,945					1,623	746	22	855		7,452	6,708	744	18,927	36
814	208,282	247	44,460			26,880	120	8,502	18,258		1,064,456	1,037,731	26,725	1,708,171	37
15	6,712	6	650	5	620	2,012	1,528	36	448		4,558	4,268	290	24,050	38
				1	200	452		13	439		16,172	15,926	246	20,667	39
10	4,668	2	385	1	135	7,130	1,590	130	5,410		58,959	58,481	478	95,621	40
266	142,975			1	234	238,261	16,500	8,675	213,086		5,804,264	5,750,658	53,606	6,357,983	41
43	15,610	7	1,506			36,225	3,036	409	32,629	151	106,923	97,915	9,008	203,909	42
7,393	3,939,493	9	3,438	245	47,416	1,295,497	34,853	58,303	1,183,220	24,121	6,619,173	6,344,899	274,274	14,495,362	43
177	83,664	213	58,016	2	222	44,849	8,451	2,294	25,407	8,697	474,971	473,411	1,560	795,872	44
4	969	7	1,709	1	104	1,280	600	14	666		11,176	11,101	75	19,500	45
168	80,707	12	4,115	8	1,848	17,954	6,818	1,025	10,013	98	137,224	134,795	2,429	348,376	46
1,041	430,963	5	1,060	33	5,767	119,928	13,078	5,116	101,734		661,582	647,715	13,867	1,485,503	47
27	12,125	1	208			1,586	60	151	1,375		6,912	4,948	964	26,565	48
42	19,031			1	90	6,090	1,780	141	4,169		57,872	56,870	1,002	98,947	49
53	23,649	65	19,006	6	774	3,062	1,195	262	1,605		178,774	177,593	1,181	252,182	50
		25	5,736			4,394	3,740	70	584		9,835	9,591	244	29,886	51
1	282	4	738			1,882	461	13	541	867	8,156	8,036	120	17,049	52
36	12,916	1	300			5,144	2,160	103	2,881		23,328	23,161	167	52,370	53
276	104,475	308	64,132	22	2,834	46,060	644	1,845	43,571		276,725	267,594	9,131	602,820	54
134	57,694	992	188,554	291	44,203	94,286	14,908	3,342	71,394	4,642	566,514	556,921	9,593	1,223,203	55
20	10,510	9	4,000			3,862	504	817	2,541		61,574	60,890	684	97,454	56
1,590	1,040,287					309,347	9,080	25,778	274,489		4,388,707	3,569,991	818,716	7,410,213	57
389	154,303			8	1,755	48,715	4,530	2,189	41,396	600	648,752	642,159	6,593	1,092,659	58
28	21,930					1,625	1,196	29	400		28,092	27,898	194	62,043	59
2,788	1,223,188	11	2,593	63	8,366	416,303	4,560	40,241	371,502		8,066,622	7,998,953	67,669	10,267,835	60
2,152	1,232,075	266	72,520	409	70,309	8,179,627	296	113,097	8,066,234		2,744,137	2,552,654	191,483	13,899,390	61
374	192,900	41	13,092	12	2,018	66,607	16,820	1,915	41,088	6,784	221,266	215,786	5,480	715,862	62
4	2,500	3	673	1	130	3,297	1,968	80	1,249		7,614	7,074	540	28,149	63
27	14,094	2	499			4,114	2,933	309	872		41,708	40,995	718	98,335	64
1,103	420,387			128	15,181	108,558	10,832	8,255	87,245	2,226	1,242,949	1,232,205	10,744	2,152,994	65
175	114,695	2	450			87,823	6,000	16,498	62,685	2,640	1,913,996	1,857,890	56,106	2,317,870	66

TABLE 8.—MANUFACTURES IN CITIES

MILWAUKEE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Marble and stone work	12	$359,488	$166,000	$18,025	$92,760	$82,703	15	12	$10,060	111	$64,363
68	Masonry, brick and stone	89	259,211	33,470	22,350	52,755	150,636	111	5	3,945	677	355,542
69	Mattresses and spring beds	8	237,380	11,500	10,800	31,180	183,900	8	27	23,225	205	70,155
70	Millinery and lace goods	4	278,823	30,300	35,000	53,125	160,398	6	18	28,347	263	95,403
71	*Millinery, custom work*	118	190,042	14,550	16,500	8,489	150,503	140	19	9,625	334	79,013
72	Mineral and soda waters	11	123,790	42,350	23,700	25,545	32,195	10	22	14,115	64	27,897
73	Models and patterns	6	32,380			8,705	24,125	5	8	7,750	102	24,285
74	Monuments and tombstones	18	451,886	120,600	77,295	46,254	207,737	17	25	28,750	191	99,920
75	Musical instruments and materials, not specified.	3	13,135			4,200	8,935	2			7	4,488
76	Optical goods	3	11,945			1,650	10,295	3	1	900	8	3,400
77	Painting, house, sign, etc	182	288,205	24,870	23,435	33,214	206,686	214	29	15,975	756	347,595
78	Paper hanging	15	55,636	1,000	850	4,670	49,016	21	7	2,560	98	46,854
79	Patent medicines and compounds	15	49,865	2,000	4,000	10,215	33,150	16	1	240	14	8,012
80	Paving and paving materials	9	113,400	1,500	5,200	28,700	78,000	11	11	12,046	345	162,226
81	Photography	52	84,720	2,300	2,850	44,645	34,925	59	18	7,181	83	34,716
82	Photolithographing and photoengraving.	4	22,361			11,261	11,100	3	2	1,500	51	27,445
83	Pickles, preserves, and sauces	3	31,559	10,000	5,000	7,174	9,385	1	6	5,500	14	4,268
84	Plastering and stuccowork	40	102,761	15,700	19,841	18,864	48,356	47	1	1,350	161	83,665
85	Plumbers' supplies	3	4,400			1,300	3,100	4			5	2,630
86	Plumbing, and gas and steam fitting	109	397,219	20,900	16,700	37,372	322,247	139	50	27,779	700	314,045
87	Printing and publishing, book and job	58	746,478	42,500	53,500	465,259	185,219	57	59	57,924	562	225,622
88	Printing and publishing, newspapers and periodicals.	38	1,929,762	240,000	574,367	543,606	571,789	21	225	212,984	898	488,368
89	Pumps, not including steam pumps	4	2,908	1,000	300	730	878	4			5	1,740
90	Regalia and society banners and emblems.	3	12,730			230	12,500	4			15	3,828
91	*Roofing and roofing materials*	9	82,095	11,300	14,100	10,825	45,870	13	1	600	51	18,776
92	Saddlery and harness	50	228,351	21,500	20,150	28,834	157,867	55	18	13,628	236	100,030
93	Sausage	7	246,050	64,800	74,500	47,050	59,700	8	11	19,002	138	49,352
94	Sewing machine repairing	6	2,440			1,230	1,210	5			2	1,685
95	Shirts	4	10,705			2,505	8,200	5	2	1,150	40	11,532
96	Slaughtering and meat packing, wholesale.	5	1,601,498	168,000	108,696	96,662	1,288,140	6	74	76,569	628	273,410
97	*Soap and candles*	10	644,686	111,225	84,842	91,429	357,190	7	63	85,251	170	64,906
98	Soda water apparatus	3	114,400	30,400	10,400	11,550	62,050	1	7	7,860	36	22,100
99	Steam fittings and heating apparatus	8	934,426	115,615	122,091	130,218	566,502	7	63	64,713	395	187,661
100	Surgical appliances	3	13,925			1,475	12,450	4	5	2,700	10	1,300
101	Taxidermy	3	1,780			205	1,575	3			1	300
102	Tinsmithing, coppersmithing, and sheet-iron working.	107	1,132,812	48,650	44,585	340,443	699,134	126	93	59,207	823	284,764
103	Tobacco, chewing, smoking, and snuff	4	716,972			70,660	646,312	4	30	53,420	296	102,881
104	Tobacco, cigars and cigarettes	232	446,238	46,265	61,206	28,804	309,963	239	27	27,315	647	262,714
105	Tools, not elsewhere specified	7	33,450	5,300	2,600	10,700	14,850	8	1	350	23	11,030
106	Trunks and valises	6	991,034	116,815	197,942	46,120	630,157	5	44	72,619	712	171,329
107	Watch, clock, and jewelry repairing	60	66,102	6,400	4,900	18,030	36,772	61	6	2,600	77	35,190
108	*Wirework, including wire rope and cable.*	7	126,514	4,700	8,250	8,944	109,620	7	28	14,044	65	17,618
109	Wood, turned and carved	5	8,155	1,000	1,200	2,750	3,205	7			8	1,502
110	All other industries[1]	98	10,468,668	1,815,421	699,845	3,220,679	4,732,723	99	314	307,929	3,551	1,259,747

[1] Embraces artificial feathers and flowers, 1; bags, other than paper, 1; blacking, 2; bluing, 2; boot and shoe cut stock, 1; boot and shoe findings, 1; boot and shoe uppers, 2; boxes, cigar, 2; boxes, fancy and paper, 2; brassware, 1; carriage and wagon materials, 2; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 1; clocks, 1; clothing, men's, factory product, buttonholes, 2; coffins, burial cases, and undertakers' goods, 1; cork, cutting, 1; cutlery and edge tools, 1; envelopes, 1; fancy articles, not elsewhere specified, 2; files, 1; foundry supplies, 1; gas and lamp fixtures, 2; gas, illuminating and heating, 1; gas machines and meters, 2; glass, 1; grease and tallow, 2; hammocks, 2; hardware, 2; ink, writing, 1; instruments, professional and scientific, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1;

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1	All industries	285	$8,018,038	$1,129,025	$388,607	$1,499,013	$4,551,393	297	278	$268,479	4,587	$1,762,410
2	*Bicycle and tricycle repairing*	9	12,875	4,000	1,800	3,450	3,625	12			7	2,356
3	Blacksmithing and wheelwrighting	15	15,495	5,100	2,650	2,875	4,870	16			19	9,090
4	Boots and shoes, custom work and repairing.	8	3,925	1,500	1,250	950	225	8			3	1,101
5	Bottling	3	6,650			4,250	2,400	5			3	2,300
6	*Bread and other bakery products*	11	27,245	6,700	12,900	4,735	2,910	11			24	8,912
7	Brooms and brushes	3	5,550	600	500	1,700	2,750	3	1	416	10	2,583
8	Carpentering	14	15,125	2,500	3,140	3,415	6,070	16			91	51,049
9	Carriages and wagons	10	547,200	66,500	126,207	53,919	300,574	13	13	13,624	258	113,923
10	Clothing, men's, custom work and repairing.	17	26,712	200	200	2,085	24,227	18	1	260	49	16,608
11	Clothing, women's, dressmaking	11	6,895	400	800	1,370	4,325	11			72	14,601
12	*Confectionery*	3	12,350	3,000	5,000	1,300	3,050	3			8	2,206
13	Flouring and grist mill products	3	32,400	5,500	8,000	7,500	11,400	5			14	7,668
14	Foundry and machine shop products	11	364,516	28,900	50,635	86,378	198,603	9	14	13,835	186	80,484
15	Furniture, factory product	4	784,676	38,800	78,003	93,958	573,915	2	23	36,125	630	209,307
16	Lumber and timber products	7	2,752,459	717,400	96,000	390,306	1,548,753	10	95	84,304	1,182	510,030

BY SPECIFIED INDUSTRIES: 1900—Continued.

MILWAUKEE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
111	$64,363					$28,774	$2,363	$2,181	$17,780	$6,500	$125,741	$121,636	$4,105	$288,057	67
677	355,542					50,173	3,040	2,431	11,282	33,420	745,761	744,779	982	1,364,039	68
161	68,975	25	$7,130	19	$3,750	13,754	5,451	922	7,378		399,269	396,712	2,557	575,701	69
55	33,114	205	62,111	3	178	42,571	2,060	1,254	39,257		297,161	293,946	3,215	524,185	70
1	130	323	77,990	10	893	33,543	25,598	1,315	6,630		255,932	253,726	2,206	532,641	71
64	27,897					30,209	492	1,568	28,149		39,186	37,469	1,717	148,849	72
37	15,885	43	6,650	22	1,800	5,565	3,110	113	2,342		14,846	13,506	1,340	67,875	73
191	99,920					19,351	1,125	1,885	16,341		188,352	183,617	4,735	336,355	74
6	4,188			1	300	681	420	8	256		1,706	1,599	107	9,040	75
8	3,400					3,233	2,440	64	729		9,500	9,460	40	31,065	76
753	347,096			3	499	50,061	18,978	1,602	23,201	5,990	286,134	284,480	1,654	984,586	77
98	46,854					7,912	4,193	251	3,360	108	43,615	43,313	302	133,431	78
13	7,712	1	300			7,916	2,856	83	4,977		28,920	28,272	648	70,499	79
345	162,226					13,592	3,389	231	9,972		250,912	241,947	8,965	500,573	80
52	25,985	30	8,531	1	200	20,857	18,513	531	9,688	1,125	53,784	52,564	1,220	204,986	81
50	27,341			1	104	5,316	2,220	45	3,051		7,669	5,959	1,710	50,724	82
13	4,088			1	180	1,310	612	102	596		10,418	9,433	985	27,488	83
161	83,665					16,667	2,163	787	5,052	8,665	140,706	138,288	2,418	317,268	84
5	2,630					551	468	24	59		7,010	6,661	349	15,562	85
692	312,945	2	332	6	768	50,491	25,486	1,363	23,582	60	674,969	671,200	3,769	1,333,745	86
515	216,943	18	4,512	29	4,167	65,735	24,898	2,881	25,545	12,461	242,234	229,711	12,523	750,896	87
664	452,870	92	22,146	142	13,852	241,601	22,855	7,436	171,416	39,894	406,799	351,114	55,685	1,680,003	88
5	1,740					571	162	42	367		2,563	2,515	48	8,720	89
		15	3,828			2,085	1,594	94	397		18,652	18,487	165	83,414	90
50	18,570			1	206	6,375	1,033	357	4,985		19,836	19,191	645	76,241	91
208	93,772	19	4,960	9	1,307	18,944	9,830	1,250	7,864		329,015	325,795	3,220	548,841	92
135	48,702	8	650			28,283	740	1,460	26,083		391,203	385,477	5,726	532,806	93
2	1,686					1,107	551	2	554		2,260	2,164	96	8,773	94
5	2,412	35	9,120			1,036	725	61	250		18,735	18,565	170	42,937	95
623	273,410					193,319	19,562	5,238	168,524		5,002,144	4,974,165	27,979	5,980,340	96
112	52,276	58	12,630			94,929	5,340	2,884	86,755		635,876	626,369	9,507	967,767	97
36	22,100					30,037	350	578	3,569	25,540	57,323	56,673	650	152,300	98
388	135,508	7	2,153			74,376	2,484	4,647	61,475	5,770	738,935	721,771	12,164	1,123,731	99
		10	1,300			1,754	1,000	39	715		20,980	20,690	290	39,350	100
1	300					572	464	6	2	100	495	431	64	4,310	101
650	253,408	81	16,392	92	14,969	83,583	23,169	3,130	57,206	78	386,778	377,013	9,760	1,447,888	102
169	78,379	100	20,721	27	3,781	843,309	12,550	6,736	824,023		469,799	462,963	6,836	1,624,801	103
465	226,755	160	32,559	22	3,400	137,877	13,836	2,629	121,412		382,012	378,264	3,748	1,091,449	104
22	10,780			1	300	2,424	1,536	111	777		10,151	7,829	2,322	32,072	105
487	124,950	112	30,127	113	16,252	68,564	4,150	3,903	60,511		497,075	493,720	3,355	969,022	106
75	34,708	1	300	1	182	14,711	8,570	592	3,486	2,063	32,881	31,765	1,066	134,305	107
65	17,618					10,524	4,692	471	5,361		43,649	42,897	752	105,619	108
3	1,502					677	253	149	275		3,597	3,059	538	10,433	109
2,039	993,802	1,015	186,856	497	79,089	1,375,875	62,039	49,182	1,262,631	2,023	4,219,801	4,074,688	144,613	8,517,549	110

iron and steel, nails and spikes, cut and wrought, including wire nails, 1; kaolin and other earth grinding, 1; labels and tags, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; lime and cement, 2; liquors, distilled, 1; mirrors, 1; mucilage and paste, 2; musical instruments, organs and materials, 2; oil, linseed, 1; oil, not elsewhere specified, 2; paints, 2; paper goods, not elsewhere specified, 2; perfumery and cosmetics, 2; pipes, tobacco, 1; pocketbooks, 1; pottery, terra cotta, and fire-clay products, 2; printing and publishing, music, 1; printing materials, 1; refrigerators, 2; saws, 1; screws, machine, 1; ship and boat building, wooden, 1; shoddy, 1; show cases, 1; slaughtering, wholesale, not including meat packing, 1; starch, 1; stereotyping and electrotyping, 1; tobacco, stemming and rehandling, 1; toys and games, 1; vinegar and cider, 2; window shades, 1; woodenware, not elsewhere specified, 1; woolen goods, 1; worsted goods, 2.

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3,629	$1,529,627	620	$151,926	388	$80,857	$616,564	$34,742	$48,892	$513,159	$20,271	$4,742,744	$4,695,134	$47,610	$8,781,248	1
6	2,276			1	80	833	528	61	244		4,488	4,133	355	11,735	2
17	8,906			2	184	1,678	1,164	130	384		8,376	7,768	608	30,638	3
3	1,101					649	414	27	208		2,717	2,618	99	7,782	4
3	2,300					416	96	3	317		9,612	9,362	250	14,157	5
21	8,151	2	600	1	161	2,845	1,122	204	1,519		41,067	39,491	1,576	66,498	6
5	1,482	5	1,101			138	81	8	49		4,638	4,548	90	9,929	7
91	51,049					15,436	195	78	1,369	13,843	118,337	118,297	40	200,215	8
249	111,404	9	2,519			59,722	812	3,257	56,153		292,833	288,025	4,808	547,936	9
22	10,405	27	6,203			5,098	3,540	79	1,404	75	25,182	24,742	440	59,351	10
		72	14,601			1,705	1,187	18	490	10	5,842	5,671	171	28,625	11
5	1,550	3	656			2,300	1,200	95	1,005		18,630	18,430	200	31,000	12
14	7,668					3,254	1,000	478	1,776		95,924	93,344	2,580	116,224	13
179	79,195	6	1,081	1	208	20,623	250	1,204	14,308	4,866	134,832	128,371	6,461	294,963	14
518	180,017	70	20,000	42	9,290	40,413		2,662	37,751		340,881	337,941	2,940	720,826	15
1,024	463,058	6	1,872	152	45,100	145,119		25,103	120,016		1,380,940	1,380,940		2,449,430	16

OSHKOSH—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Lumber, planing mill products, including sash, doors, and blinds.	5	$1,368,646	$52,800	$128,185	$193,043	$994,618	2	34	$35,430	748	$288,504
18	Marble and stone work	3	44,110	33,500	1,560	8,650	400	3			11	5,400
19	Millinery, custom work	13	23,255	2,000	2,000	430	18,825	19	3	1,480	26	5,421
20	Monuments and tombstones	4	22,125	1,000	2,000	725	18,400	5	5	2,655	9	4,850
21	Painting, house, sign, etc	14	13,175	4,100	1,700	1,790	5,585	15			51	18,469
22	Photography	8	15,150		300	9,500	5,350	9			11	3,330
23	Plumbing, and gas and steam fitting	8	34,200	10,700	10,100	3,450	9,950	7	2	1,456	25	15,181
24	Printing and publishing, book and job	6	30,067			22,000	8,067	4			31	12,003
25	Printing and publishing, newspapers and periodicals.	3	76,448			38,308	38,140	2	14	9,567	50	26,766
26	Saddlery and harness	6	13,260			1,060	12,200	7			4	2,316
27	Ship and boat building, wooden	4	39,641	4,000	4,000	19,470	12,171	5	1	468	33	15,342
28	Tinsmithing, coppersmithing, and sheet-iron working.	10	11,780	1,500	1,500	4,250	4,530	10	2	1,560	20	9,646
29	Tobacco, cigars and cigarettes	15	79,960	2,400	4,700	1,115	71,745	18	1	750	83	32,226
30	Watch, clock, and jewelry repairing	7	8,350			3,850	4,500	9			10	4,268
31	All other industries[1]	50	1,623,818	135,925	295,477	533,186	659,230	40	69	66,549	919	286,520

[1] Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 1; boxes, cigar, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; cooperage, 2; dyeing and cleaning, 1; electrical construction and repairs, 1; electroplating, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hairwork, 1; hardware, 1; lime and cement, 2; liquors, distilled, 1;

RACINE.

1	All industries	252	$16,753,215	$912,865	$1,849,908	$2,750,132	$11,240,310	240	876	$361,900	6,785	$2,994,100
2	Agricultural implements	9	6,913,534	288,015	542,944	931,939	5,150,636	2	415	369,836	1,472	770,041
3	Bicycle and tricycle repairing	4	10,400			3,600	6,800	5			8	2,700
4	Blacksmithing and wheelwrighting	14	13,775	3,150	3,750	2,950	3,925	20			4	2,678
5	Boots and shoes, custom work and repairing.	10	2,360	400	900	860	200	14			5	2,674
6	Boots and shoes, factory product	5	335,053	21,000	43,000	68,450	202,603		55	53,548	469	154,717
7	Bottling	3	15,650	3,000	3,000	1,050	8,600	2	1	600	4	1,790
8	Bread and other bakery products	6	32,400	4,500	15,500	7,350	5,050	8			33	13,418
9	Carpentering	6	38,850	10,250	20,500	1,600	6,500	7	1	240	41	27,445
10	Carriages and wagons	8	3,774,186	242,647	394,528	321,279	2,815,732	6	95	128,007	1,278	655,403
11	Clothing, men's, custom work and repairing.	15	86,250	2,500	4,000	1,650	28,100	16	2	2,500	50	22,770
12	Clothing, women's, dressmaking	3	6,875	1,500	3,150	1,375	850	4			16	3,900
13	Confectionery	3	6,600			3,459	3,141	3	1	400	9	2,885
14	Foundry and machine shop products	15	724,335	46,975	111,471	170,893	394,996	14	36	31,392	563	241,576
15	Hardware	3	56,372	1,550	2,700	19,504	32,618	2	8	6,520	57	14,223
16	Hardware, saddlery	4	238,532	8,000	49,500	68,612	112,420	5	15	13,068	342	125,072
17	Leather, tanned, curried, and finished	4	351,717	20,000	20,390	19,985	291,342		13	33,720	143	58,358
18	Liquors, malt	3	124,600	12,000	43,200	41,300	28,100	3	3	3,500	14	7,696
19	Lumber, planing mill products, including *sash, doors, and blinds.*	3	167,987	34,000	56,800	21,651	55,536	2	6	8,630	83	38,675
20	Millinery, custom work	10	41,155	5,150	6,800	905	28,300	10			41	11,416
21	Mineral and soda waters	3	19,250	1,500	1,500	6,900	9,350	4			11	4,377
22	Painting, house, sign, etc	5	3,624			1,400	2,224	6	1	840	33	20,750
23	Photography	6	18,050	4,000	4,500	5,650	3,900	6			8	3,400
24	Plumbing, and gas and steam fitting	7	35,095			3,320	31,775	8	3	1,200	38	24,324
25	Printing and publishing, book and job	3	16,200			11,975	4,225	4	1	672	21	8,500
26	Printing and publishing, newspapers and periodicals.	8	141,344	6,500	9,500	61,783	63,561	8	15	12,858	71	28,817
27	Saddlery and harness	5	11,160	2,000	1,500	860	6,800	5	1	900	4	1,741
28	Springs, steel, car and carriage	5	205,999	14,000	26,500	46,100	119,399	3	15	12,610	131	55,458
29	Tinsmithing, coppersmithing, and sheet-iron working.	7	16,600	3,250	2,250	2,950	8,150	10	3	1,720	27	14,340
30	Tobacco, cigars and cigarettes	12	22,280	1,600	2,860	790	17,030	12	1	720	46	22,408
31	Trunks and valises	5	428,296	25,600	73,366	28,952	300,378		52	45,480	228	74,388
32	Watch, clock, and jewelry repairing	7	34,640	6,500	11,500	7,800	8,840	8			17	9,860
33	All other industries[1]	51	2,910,046	143,278	394,299	883,240	1,489,229	43	133	152,939	1,518	568,300

[1] Embraces awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 1; *brassware, 1; brick and tile, 2; brooms and brushes, 1; carriage and wagon materials*, 2; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; food preparations, 1; fur goods, 2; furniture, factory product, 2; gas, illuminating and heating, 1; grease

SHEBOYGAN.

1	All industries	206	$7,766,616	$778,550	$1,272,392	$1,531,441	$4,189,233	211	202	$249,931	5,338	$1,678,236
2	Bicycle and tricycle repairing	3	3,607	600	400	1,150	1,457	5			10	2,700
3	Blacksmithing and wheelwrighting	7	15,362	8,400	2,912	1,250	2,800	8			4	1,685
4	Boots and shoes, custom work and repairing.	11	10,555	2,600	4,450	1,030	2,475	14			6	2,173
5	Bread and other bakery products	8	21,831	7,150	6,800	3,131	4,750	8			22	8,518
6	Brick and tile	3	60,124	25,975	5,800	5,825	22,524	2	7	2,940	28	10,797

BY SPECIFIED INDUSTRIES: 1900—Continued.

OSHKOSH—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
674	$272,381	5	$1,572	69	$14,601	$87,381	$2,016	$6,863	$78,502	.....	$1,061,456	$1,060,793	$663	$1,619,836	17
11	5,400	.....	.....	.....	.....	775	.....	268	507	.....	2,290	1,740	550	11,650	18
.....	.....	26	5,421	.....	.....	5,170	3,560	150	1,460	.....	34,606	34,230	376	61,500	19
9	4,850	.....	.....	.....	.....	1,394	756	118	520	.....	9,336	9,246	90	29,100	20
51	18,469	.....	.....	.....	.....	1,553	569	94	890	.....	14,533	14,328	205	49,950	21
6	2,068	5	1,262	.....	.....	2,233	1,330	42	821	$40	7,768	7,482	286	24,100	22
25	15,181	.....	.....	.....	.....	1,804	696	192	916	.....	48,396	48,289	107	77,443	23
27	10,809	3	1,064	1	130	2,337	1,352	115	870	.....	12,289	11,230	1,059	33,325	24
44	25,042	6	1,724	.....	.....	6,850	1,835	346	4,569	100	15,547	14,008	1,539	76,492	25
4	2,316	.....	.....	.....	.....	1,920	1,040	78	82	720	7,065	6,942	123	13,334	26
33	15,342	.....	.....	.....	.....	1,134	120	118	896	.....	17,913	16,995	918	56,310	27
20	9,646	.....	.....	.....	.....	1,210	741	88	381	.....	14,332	14,256	76	33,917	28
61	28,378	17	3,169	5	679	14,567	1,928	250	12,389	.....	39,628	39,282	346	112,887	29
10	4,268	.....	.....	.....	.....	1,285	860	40	385	.....	12,097	11,850	247	30,220	30
497	187,015	358	89,081	64	10,424	186,178	6,350	6,223	172,983	617	961,189	940,782	20,407	1,961,375	31

liquors, malt, 2; looking-glass and picture frames, 2; masonry, brick and stone, 2; matches, 1; mats and matting, 1; mattresses and spring beds, 1; mineral and soda waters, 2; musical instruments and materials, not specified, 1; paints, 1; patent medicines and compounds, 2; paving and paving materials, 1; pickles, preserves, and sauces, 1; roofing and roofing materials, 2; rubber and elastic goods, 1; shirts, 1; straw goods, not elsewhere specified, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; trunks and valises, 2; vinegar and cider, 1.

RACINE.

5,531	$2,652,878	1,076	$312,060	178	$29,162	$1,004,165	$42,767	$52,919	$891,760	$16,719	$6,253,372	$6,089,773	$163,599	$12,502,796	1
1,472	770,041	.....	.....	.....	.....	369,281	4,945	21,362	336,547	6,427	1,254,625	1,221,651	32,974	3,001,009	2
8	2,700	.....	.....	.....	.....	1,258	868	5	315	75	7,555	7,359	196	14,880	3
4	2,678	.....	.....	.....	.....	1,352	870	105	377	.....	7,456	7,011	445	30,460	4
5	2,674	.....	.....	.....	.....	691	639	10	42	.....	3,791	3,690	101	11,215	5
257	99,931	198	51,750	14	3,036	20,578	1,000	1,422	18,156	.....	565,347	562,085	3,262	849,215	6
4	1,790	.....	.....	.....	.....	398	160	12	226	.....	6,954	6,807	147	13,840	7
22	10,826	11	2,592	.....	.....	4,538	1,756	324	2,458	.....	32,197	30,988	1,209	66,260	8
41	27,445	.....	.....	.....	.....	4,748	703	120	2,925	1,000	44,603	44,520	83	94,800	9
1,240	645,419	19	7,371	19	2,613	156,077	804	11,247	143,826	200	1,462,058	1,446,921	15,137	2,749,653	10
37	19,620	13	3,150	.....	.....	5,360	3,721	179	1,460	.....	31,914	31,443	471	75,700	11
.....	.....	16	3,900	.....	.....	80	20	30	30	.....	1,125	1,075	50	8,500	12
4	1,540	5	1,345	.....	.....	1,214	861	12	341	.....	6,641	6,430	211	17,800	13
548	239,392	.....	.....	15	2,184	37,623	910	2,302	31,049	3,362	458,665	427,713	30,952	849,455	14
48	13,123	4	800	5	300	5,033	1,000	140	3,893	.....	28,662	27,362	1,300	66,965	15
341	124,832	.....	.....	1	240	21,982	650	545	18,787	2,000	102,651	96,303	6,348	284,365	16
133	56,058	10	2,800	.....	.....	31,118	4,330	638	26,145	.....	426,265	417,609	8,656	576,236	17
14	7,696	.....	.....	.....	.....	33,350	120	710	32,520	.....	18,282	15,521	2,761	87,270	18
83	38,675	.....	.....	.....	.....	5,772	.....	1,123	4,649	.....	63,189	61,057	2,132	123,957	19
1	582	40	10,834	.....	.....	3,812	2,130	184	1,498	.....	31,112	30,827	285	62,382	20
11	4,377	.....	.....	.....	.....	1,060	360	50	650	.....	5,535	5,224	311	22,916	21
33	20,750	.....	.....	.....	.....	421	96	.....	325	.....	8,804	8,784	20	36,826	22
6	2,600	2	800	.....	.....	1,543	1,056	132	355	.....	5,937	5,537	400	22,380	23
38	24,324	.....	.....	.....	.....	3,454	2,209	45	1,200	.....	46,775	46,520	255	97,418	24
17	7,350	4	1,150	.....	.....	1,071	685	17	369	.....	9,115	8,764	351	22,550	25
50	21,756	21	7,061	.....	.....	15,576	1,550	347	10,729	2,950	30,903	28,540	2,363	120,418	26
3	1,637	1	104	.....	.....	502	304	65	133	.....	6,680	6,626	54	13,829	27
130	55,050	1	408	.....	.....	8,230	364	623	7,243	.....	223,060	210,003	13,057	340,823	28
26	14,268	1	72	.....	.....	1,102	796	58	248	.....	17,119	16,974	145	42,600	29
45	22,226	1	182	.....	.....	11,187	1,358	64	9,765	.....	37,054	36,764	290	84,594	30
199	67,921	20	4,745	9	1,722	29,710	800	1,606	27,804	.....	202,167	198,126	4,041	372,859	31
16	9,560	1	300	.....	.....	673	336	272	65	.....	4,115	3,635	480	21,648	32
695	336,037	708	213,196	115	19,067	225,376	7,871	9,170	207,630	705	1,103,016	1,067,904	35,112	2,319,973	33

and tallow, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; leather goods, 1; marble and stone work, 2; mattresses and spring beds, 1; monuments and tombstones, 2; paper goods, not elsewhere specified, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; refrigerators, 1; roofing and roofing materials, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; shirts, 1; tobacco, chewing, smoking, and snuff, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

SHEBOYGAN.

4,684	$1,568,642	$25	$55,552	329	$54,062	$678,413	$14,262	$34,560	$609,117	$20,474	$3,995,102	$3,890,507	$104,595	$7,469,202	1
8	2,400	1	200	1	100	828	540	30	258	.....	3,278	3,046	232	8,652	2
4	1,685	.....	.....	.....	.....	470	240	127	103	.....	3,590	3,292	298	10,356	3
6	2,173	.....	.....	.....	.....	720	467	83	70	100	2,981	2,926	55	7,524	4
19	8,052	3	466	.....	.....	3,098	1,025	343	1,730	.....	29,428	27,621	1,807	55,855	5
28	10,797	.....	.....	.....	.....	2,118	.....	533	1,585	.....	8,720	735	7,985	31,450	6

TABLE 8.—MANUFACTURES IN CITIES

SHEBOYGAN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
7	Carpentering	20	$13,628	$2,225	$2,675	$5,525	$3,203	24			77	$31,755
8	Carriages and wagons	4	56,970	11,300	17,300	5,950	22,420	6	1	$300	24	10,297
9	Cheese, butter, and condensed milk, factory product.	3	2,650	50	650	900	1,050	5				
10	Clothing, men's, custom work and repairing.	14	76,684	16,000	42,004	2,680	16,000	19	1	1,000	56	20,675
11	Cooperage	4	2,850	1,500	500	350	500	4			2	805
12	Foundry and machine shop products	4	152,469	21,050	31,860	42,822	56,737	3	6	7,147	86	32,997
13	Furniture, cabinetmaking, repairing, and upholstering.	3	2,088	350	200	1,070	468	3			5	675
14	Furniture, factory product	11	3,536,462	375,337	539,347	742,488	1,879,290	1	96	129,455	3,164	942,376
15	Masonry, brick and stone	7	2,495			1,860	635	8			52	21,445
16	Millinery, custom work	9	10,100	3,100	1,000	250	5,750	11			21	1,970
17	Mineral and soda waters	3	40,568	7,700	12,675	8,505	11,688	2	2	3,000	23	5,788
18	Painting, house, sign, etc	7	24,116	6,430	7,080	2,305	8,301	9			46	17,920
19	Photography	7	33,650	15,000	11,400	5,450	1,800	11			9	1,972
20	Plumbing, and gas and steam fitting	6	16,350	1,725	2,600	925	11,100	9	2	504	23	9,309
21	Printing and publishing, newspapers and periodicals.	6	51,775	11,300	4,100	23,500	12,875	3	4	3,440	65	18,443
22	Saddlery and harness	6	12,422	2,300	4,000	1,427	4,695	7			6	2,130
23	Tinsmithing, coppersmithing, and sheet-iron working.	6	88,825	25,500	31,500	4,825	22,000	6	3	2,300	22	10,750
24	Tobacco, cigars and cigarettes	12	19,837	4,900	4,600	555	9,782	12			25	7,924
25	Watch, clock, and jewelry repairing	9	33,550	13,650	16,500	1,850	1,550	10			3	1,014
26	All other industries[1]	33	3,482,648	209,408	522,039	665,818	2,085,383	21	80	99,845	1,559	514,118

[1] Embraces artificial feathers and flowers, 1; awnings, tents, and sails, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 2; boxes, cigar, 1; carpets, rag, 1; carriages and sleds, children's, 1; confectionery, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; electrical construction and repairs, 2; enameling and enameled goods, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hosiery and knit

SUPERIOR.

1	All industries	185	$5,882,562	$897,022	$1,742,360	$1,813,871	$1,429,309	188	148	$168,714	1,958	$925,776
2	Bicycle and tricycle repairing	5	9,460			2,550	6,910	5			7	5,270
3	Blacksmithing and wheelwrighting	10	14,859	1,350	3,000	3,980	6,529	15			12	8,470
4	Boots and shoes, custom work and repairing.	18	9,809	150	1,000	3,056	5,603	18			4	2,676
5	Bread and other bakery products	8	21,225	250	500	10,355	10,120	9			30	16,280
6	Carpentering	4	7,360	1,000	1,700	2,110	2,550	4			13	10,620
7	Clothing, men's, custom work and repairing.	16	19,810	700	2,400	2,516	14,194	18			36	28,524
8	Clothing, women's, dressmaking	7	3,260			785	2,475	8			23	6,790
9	Foundry and machine shop products	8	444,051	30,500	129,015	248,644	35,892	8	7	8,266	117	69,074
10	Fur goods	3	11,600			2,600	9,000	5			13	5,200
11	Liquors, malt	3	111,000	12,000	35,000	36,000	28,000	1	11	10,400	36	25,220
12	Looking-glass and picture frames	3	4,010			450	3,560	4			4	2,700
13	Lumber and timber products	3	531,052	47,821	55,000	143,612	284,619	5	11	9,373	207	94,784
14	Millinery, custom work	6	8,536			706	7,830	7	1	800	16	7,332
15	Painting, house, sign, etc	5	7,184			616	6,568	5			12	8,900
16	Photography	5	5,885			3,050	2,835	5			3	1,900
17	Plumbing, and gas and steam fitting	4	52,800	600	6,000	3,300	42,900	6	3	4,500	54	34,600
18	Printing and publishing, newspapers and periodicals.	12	113,879	3,400	5,800	64,200	40,479	8	10	8,050	74	57,060
19	Saddlery and harness	3	9,459			900	8,559	3			5	4,292
20	Tinsmithing, coppersmithing, and sheet-iron working.	8	42,450	7,400	16,000	5,550	13,500	11			17	12,750
21	Tobacco, cigars and cigarettes	7	19,448		300	1,150	17,998	9			45	27,847
22	Watch, clock, and jewelry repairing	10	12,397			3,325	9,072	10			7	4,732
23	All other industries[1]	37	4,423,028	791,851	1,486,645	1,274,416	870,116	24	105	127,325	1,223	495,305

[1] Embraces awnings, tents, and sails, 2; bags, other than paper, 1; bookbinding and blank book making, 1; bottling, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; coke, 1; confectionery, 1; cooperage, 2; flouring and grist mill products, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hairwork, 1; lime and cement, 2; lock and gun smithing, 1; lumber,

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	3,803	$93,229,848	$20,693,100	$12,572,302	$18,116,715	$41,847,731	4,138	2,677	$2,775,528	44,010	$18,041,972
2	Antigo	65	469,185	50,006	77,470	116,557	225,152	69	16	14,746	373	147,591
3	Appleton	240	4,975,397	741,292	1,203,908	1,628,750	1,401,447	278	122	139,400	2,226	951,147
4	Ashland	129	6,017,653	2,490,230	255,178	807,024	2,465,226	135	72	81,903	1,830	875,715
5	Baraboo	75	971,969	43,000	83,050	93,705	152,214	85	21	15,432	405	178,509
6	Beaverdam	57	1,181,842	86,650	194,953	300,803	600,036	64	28	35,600	707	215,526
7	Beloit	103	2,593,589	137,343	437,648	635,997	1,382,601	118	119	130,178	2,055	981,217
8	Berlin	65	458,021	72,200	58,850	84,420	242,551	70	35	23,570	376	134,514
9	Chippewa Falls	72	1,847,675	772,500	173,725	202,366	699,084	79	46	51,680	555	243,161
10	Depere	48	854,321	194,945	164,304	201,078	293,994	53	15	19,110	360	115,730
11	Eau Claire	148	4,756,338	895,041	368,534	877,305	2,615,458	157	127	137,915	1,858	726,565

BY SPECIFIED INDUSTRIES: 1900—Continued.

SHEBOYGAN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
77	$31,755					$19,404	$36	$110	$418	$18,840	$100,039	$99,889	$150	$171,025	7
24	10,297					1,521		527	994		21,949	21,297	652	40,022	8
						187	61	40	86		5,090	5,030	60	6,067	9
49	19,240	7	$1,435			2,970	1,396	472	911	191	24,545	23,785	760	64,680	10
2	805					157	84	27	46		1,784	1,784		3,869	11
86	32,997					3,752	102	999	2,651		34,659	33,226	1,433	99,278	12
2	375			3	$300	197	160	8	29		1,612	1,572	40	6,200	13
2,774	878,238	117	21,780	273	42,358	321,387	1,300	14,287	305,800		1,480,832	1,453,816	27,016	3,189,045	14
52	21,445					340	240	34	66		31,898	31,898		58,374	15
		21	1,970			1,077	886	94	97		19,965	19,765	200	31,450	16
12	4,574	11	1,214			9,708		289	9,419		31,901	31,401	500	67,202	17
46	17,920					1,056	100	253	703		24,667	24,525	142	53,882	18
3	995	6	977			1,824	841	281	702		7,367	6,998	369	17,518	19
23	9,309					1,531	640	140	751		22,216	22,057	159	50,150	20
37	14,022	27	4,317	1	104	7,746	1,152	381	5,420	793	11,303	10,553	750	53,751	21
6	2,190					1,085	648	127	310		7,871	7,713	158	20,525	22
22	10,750					1,524	530	289	305	400	27,905	27,612	293	53,805	23
21	7,474	4	450			6,263	975	164	5,124		15,547	15,395	152	42,916	24
3	1,014					1,413	455	528	280	150	1,960	1,855	105	6,904	25
1,380	480,195	128	22,723	51	11,200	288,037	2,384	14,394	271,259		2,078,995	2,012,716	61,279	3,318,211	26

goods, 1; leather, tanned, curried, and finished, 2; lime and cement, 1; liquors, malt, 2; lock and gun smithing, 1; lumber and timber products, 1; models and patterns, 1; monuments and tombstones, 1; plumbers' supplies, 1; printing and publishing, book and job, 1; refrigerators, 1; roofing and roofing materials, 2; upholstering materials, 1.

SUPERIOR.

1,786	$868,385	140	$53,094	32	$4,297	$378,667	$36,784	$37,636	$299,789	$4,508	$5,396,730	$5,319,788	$76,942	$7,527,703	1
7	5,270					1,335	965	63	307		6,392	6,272	120	18,025	2
12	8,470					1,388	846	70	472		14,077	13,655	422	35,343	3
4	2,676					1,528	1,100	46	324	58	6,429	6,108	321	23,671	4
22	13,450	8	2,830			3,252	2,082	98	562	510	32,960	32,080	880	77,110	5
18	10,620					553	100	57	396		14,141	14,074	67	30,474	6
30	22,016	6	1,508			7,214	3,529	103	1,082	2,500	39,043	38,669	374	90,098	7
		28	6,790			1,467	1,110	18	339		10,913	10,785	128	28,591	8
117	69,074					12,163	2,744	2,389	6,530	500	100,230	95,168	5,062	218,296	9
4	2,690	9	2,510			1,320	960	24	336		13,760	13,700	60	27,090	10
36	25,220					34,366	240	766	33,360		24,415	22,130	2,285	112,340	11
4	2,700					747	530	14	203		5,648	5,613	35	12,337	12
207	94,734					21,835	1,000	6,359	14,476		345,565	345,565		559,781	13
		16	7,832			2,833	1,860	32	941		20,794	20,734	60	39,625	14
12	8,900					1,501	860	29	512	100	7,610	7,540	70	22,594	15
3	1,900					1,512	1,260	21	231		5,865	5,777	88	14,729	16
54	34,600					2,554	1,420	109	1,025		98,994	98,728	266	160,925	17
64	52,220	8	4,500	2	340	11,284	2,154	309	7,981	840	29,444	27,824	1,620	153,454	18
5	4,292					1,298	930	43	325		12,370	12,314	56	21,477	19
17	12,750					1,837	595	151	1,091		28,646	28,447	199	56,282	20
34	22,265	8	5,423	3	159	8,611	1,630	52	6,929		28,106	27,956	150	78,145	21
7	4,732					3,405	2,310	57	1,038		3,883	3,740	143	19,780	22
1,134	469,806	62	21,701	27	3,798	256,664	8,509	26,826	221,329		4,547,445	4,482,909	64,536	5,727,086	23

planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2; masonry, brick and stone, 2; mattresses and spring beds, 2; mineral and soda waters, 1; paper hanging, 1; patent medicines and compounds, 1; printing and publishing, book and job, 2; roofing and roofing materials, 1; shipbuilding, iron and steel, 1; ship and boat building, wooden, 1; shirts, 1; windmills, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

38,124	$16,890,203	4,584	$951,704	1,802	$200,065	$5,723,890	$332,277	$745,679	$4,222,500	$422,934	$58,043,689	$51,206,360	$1,837,279	$94,001,874	1
852	144,837	15	2,137	6	617	42,760	3,204	3,982	35,124	450	385,939	381,354	4,585	728,755	2
1,783	859,122	390	85,125	53	6,900	304,724	17,522	40,615	241,749	4,838	3,251,621	3,047,777	203,844	5,330,669	3
1,776	861,679	50	13,621	4	415	300,286	16,477	52,256	149,765	81,788	1,929,656	1,745,359	184,297	4,157,718	4
324	162,153	80	16,136	1	220	43,109	5,226	3,154	29,014	5,715	346,458	336,988	9,470	695,731	5
515	179,803	161	31,379	31	4,344	60,237	4,192	6,543	49,372	130	529,527	504,293	25,234	1,002,255	6
1,878	934,035	170	46,090	7	1,092	135,927	12,621	8,357	107,483	7,466	1,543,086	1,486,772	56,314	3,185,080	7
245	117,980	124	15,568	7	986	32,112	5,301	2,704	22,857	1,250	412,259	402,776	9,483	736,247	8
514	234,487	37	8,024	4	650	104,828	5,842	36,736	61,753	997	1,273,597	1,266,237	7,360	2,131,067	9
209	88,086	145	27,194	6	450	35,489	1,588	4,823	26,390	3,688	689,331	664,747	24,584	980,800	10
1,659	687,647	155	32,705	44	6,213	298,327	17,566	59,185	206,587	14,989	2,491,102	2,461,135	29,967	4,366,230	11

TABLE 9.—MANUFACTURES IN CITIES AND

	CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
12	Fond du Lac	188	$2,745,438	$299,395	$439,302	$479,354	$1,527,387	189	123	$120,886	1,834	$677,977
13	Fort Atkinson	67	663,698	110,800	132,034	100,355	320,509	73	49	45,967	392	146,511
14	Grand Rapids	66	1,260,534	184,727	309,417	368,984	397,406	60	35	34,216	503	174,641
15	Green Bay	191	3,383,717	595,965	472,493	661,155	1,654,104	227	117	112,069	1,719	702,829
16	Hudson	41	631,920	24,175	248,750	97,515	261,480	42	24	19,552	422	226,001
17	Janesville	184	2,630,833	181,196	339,536	815,106	1,294,995	211	179	129,127	1,710	685,842
18	Jefferson	66	629,658	42,570	184,534	103,568	298,986	74	24	19,010	370	129,299
19	Kaukauna	71	1,315,646	98,105	298,646	513,016	405,879	71	37	41,514	667	300,827
20	Kenosha	71	5,946,975	247,555	660,518	1,034,759	4,004,143	67	105	187,301	8,149	1,332,380
21	Madison	195	3,840,042	295,403	432,851	761,018	2,350,770	227	219	178,080	1,805	826,596
22	Manitowoc	135	2,581,869	265,434	600,316	534,652	1,181,467	161	84	79,725	1,146	427,218
23	Marinette	103	8,070,648	3,796,476	526,995	1,183,106	2,564,071	98	92	129,727	1,833	743,987
24	Marshfield	68	429,525	30,420	65,192	75,530	258,383	66	19	17,740	372	135,354
25	Menasha	57	3,439,690	412,294	970,149	621,132	1,436,115	58	48	68,477	1,575	570,019
26	Menominee	50	3,498,474	1,947,694	168,898	549,877	832,005	58	45	47,196	698	328,412
27	Merrill	69	3,520,126	1,483,611	138,580	380,873	1,617,062	75	44	67,158	1,694	667,757
28	Monroe	62	321,026	41,700	81,350	66,230	131,746	76	14	7,838	217	86,813
29	Neenah	74	2,188,170	282,483	497,502	734,384	668,801	78	43	47,256	616	278,096
30	North Milwaukee	20	1,124,214	60,400	193,096	264,539	606,179	14	65	68,441	944	356,298
31	Oconto	44	2,021,860	890,845	116,460	128,835	885,720	44	27	31,716	440	201,303
32	Portage	72	468,925	21,475	79,632	107,497	260,321	71	42	32,919	324	104,742
33	Port Washington	65	1,006,926	128,217	147,360	241,773	489,576	71	61	56,337	811	265,298
34	Reedsburg	45	411,095	42,700	80,550	89,679	198,166	56	7	7,800	207	66,871
35	Rhinelander	62	1,366,856	253,397	131,630	301,426	680,402	58	22	28,530	781	307,131
36	Ripon	78	498,531	34,520	91,766	134,433	237,812	77	32	28,276	360	122,844
37	South Milwaukee	29	1,092,528	80,100	144,635	241,426	626,362	28	31	32,714	595	318,149
38	Sparta	56	221,172	28,936	40,325	74,791	77,120	71	8	5,645	147	56,865
39	Stevens Point	107	2,197,025	412,432	296,923	582,470	905,200	114	51	49,523	979	390,800
40	Stoughton	14	713,452	19,600	102,725	89,976	501,151	13	31	28,569	263	118,711
41	Tomah	47	986,180	655,000	73,385	75,245	182,550	53	13	9,590	212	89,002
42	Tomahawk	33	172,514	11,925	39,418	80,955	40,216	29	5	5,460	180	93,271
43	Two Rivers	45	836,492	69,098	171,745	216,059	379,590	53	35	40,310	971	250,385
44	Washburn	35	1,566,855	918,298	99,000	268,748	280,809	37	11	19,500	501	260,036
45	Watertown	85	1,228,459	102,054	261,574	330,258	534,573	103	51	46,415	606	198,020
46	Waupun	42	493,590	14,269	42,950	68,023	368,348	47	22	28,650	267	87,988
47	Wausau	137	3,094,178	399,474	341,950	432,334	1,917,420	149	100	104,920	1,643	594,626
48	Wauwatosa	37	8,110,023	777,150	530,100	409,629	1,393,144	36	161	152,840	2,312	1,154,948

TOWNS UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,410	$605,156	370	$64,861	54	$7,960	$239,112	$16,727	$15,175	$189,372	$17,838	$1,895,233	$1,849,718	$45,515	$3,886,822	12
358	138,751	27	6,758	7	1,002	53,406	2,954	3,985	45,467	1,000	346,653	339,125	7,528	781,299	13
462	166,946	29	5,913	12	1,782	64,542	2,657	8,888	52,847	150	671,146	650,278	20,868	1,129,078	14
1,466	659,265	210	36,031	43	7,533	257,838	20,236	35,432	183,790	18,380	1,749,046	1,717,035	32,011	3,469,160	15
414	223,900	6	1,851	2	250	18,775	2,258	4,212	12,305	----------	926,230	917,497	8,733	1,261,569	16
1,278	585,607	393	96,272	39	3,963	249,911	23,850	12,625	210,110	8,326	1,980,411	1,942,208	38,203	3,670,820	17
335	121,365	33	7,712	2	222	36,970	2,991	2,792	30,937	250	513,591	497,102	16,489	828,924	18
619	288,371	45	11,830	3	626	97,158	16,117	10,782	69,059	1,200	803,552	763,309	40,243	1,424,047	19
2,527	1,194,715	347	88,315	275	49,350	360,411	7,392	23,856	329,163	----------	5,106,209	4,654,919	451,290	7,488,366	20
1,618	772,423	160	50,000	29	4,173	347,383	31,202	11,993	264,711	39,477	1,457,387	1,407,961	49,426	3,508,808	21
1,044	418,180	99	13,884	8	204	230,858	20,605	11,329	146,759	52,165	1,018,440	982,349	36,091	2,268,348	22
1,693	713,839	128	28,280	12	1,818	329,036	11,068	98,227	224,534	207	2,495,581	2,470,451	25,130	4,559,712	23
334	127,445	21	4,519	17	3,390	46,689	2,289	2,319	37,804	4,277	349,313	341,352	7,961	709,144	24
1,372	532,549	147	30,398	56	7,072	212,065	2,950	35,107	174,008	----------	1,365,592	1,279,670	85,922	2,751,270	25
655	315,209	15	2,652	28	5,551	65,687	2,732	41,806	20,749	350	977,586	954,497	23,089	1,533,139	26
1,540	694,762	28	6,911	126	26,084	130,628	3,030	36,530	88,950	2,118	2,329,566	2,324,901	4,665	4,150,272	27
189	82,062	24	4,179	4	572	58,712	5,084	1,587	46,993	5,098	200,580	192,225	8,305	455,899	28
485	248,094	123	28,794	8	1,208	67,774	3,196	14,472	50,054	52	980,158	913,108	67,050	1,642,414	29
910	349,288	----------	----------	34	7,015	64,018	1,694	3,328	47,996	11,000	1,244,288	1,218,926	25,362	1,942,777	30
419	196,397	19	4,606	2	300	79,607	1,744	34,117	40,246	3,500	1,280,541	1,278,873	1,668	1,732,887	31
182	78,637	125	24,163	17	1,942	47,560	5,215	2,557	35,488	4,300	228,802	220,144	8,658	502,234	32
735	251,672	52	10,093	24	3,533	77,098	1,698	2,250	70,420	2,730	508,080	477,514	30,566	1,037,318	33
129	49,287	77	17,514	1	70	36,151	2,438	1,862	31,776	75	248,885	240,709	8,176	430,550	34
767	303,226	14	3,905	----------	----------	57,259	4,359	12,751	39,974	175	1,103,659	1,099,528	4,131	1,855,433	35
215	93,952	132	26,496	13	1,896	36,539	4,370	2,513	29,530	126	485,101	474,000	11,101	807,087	36
583	315,031	5	1,118	7	2,000	44,783	839	2,587	41,345	12	558,088	517,407	35,681	1,028,703	37
126	53,237	21	3,628	----------	----------	12,041	4,589	1,912	5,540	----------	202,928	194,257	8,671	343,759	38
796	361,769	163	26,536	20	2,495	98,056	6,775	11,792	69,289	10,200	1,391,413	1,346,974	44,439	2,171,265	39
257	116,887	5	1,674	1	150	43,513	3,361	2,086	38,063	----------	236,825	232,803	4,022	505,715	40
210	88,617	2	385	----------	----------	30,746	1,324	6,607	22,815	----------	531,287	528,842	2,445	743,615	41
166	90,046	10	2,325	4	900	26,632	3,704	2,121	20,647	160	51,609	50,121	1,488	218,838	42
651	216,020	184	18,400	136	15,965	75,126	1,829	8,113	65,184	----------	591,406	579,418	11,988	1,177,621	43
472	253,690	17	4,010	12	2,386	70,250	2,009	23,384	44,032	825	568,657	566,617	2,040	1,165,861	44
515	185,563	70	10,377	21	2,080	103,870	5,459	5,740	88,543	4,128	784,078	760,739	23,339	1,381,393	45
170	69,534	97	18,454	----------	----------	135,502	1,828	1,890	20,760	111,024	793,504	787,158	6,346	1,200,844	46
1,467	571,828	49	8,042	127	14,756	243,537	10,148	32,605	193,304	7,480	2,238,730	2,203,330	35,400	3,658,439	47
2,302	1,152,059	10	2,889	----------	----------	216,398	2,514	3,042	210,842	----------	1,982,008	1,933,857	48,151	3,663,892	48

Twelfth Census of the United States.

CENSUS BULLETIN.

No. 146. WASHINGTON, D. C. March 5, 1902.

MANUFACTURES.

TEXAS.

Hon. WILLIAM R. MERRIAM,
Director of the Census.

SIR: I transmit herewith, for publication in bulletin form, the statistics of manufacturing and mechanical industries for the state of Texas for the census year 1900, taken in accordance with the provisions of section 7 of the act of March 3, 1899. This section requires that "The schedules of inquiries relating to the products of manufacturing and mechanical establishments shall embrace the name and location of each establishment; character of organization, whether individual, cooperative, or other form; date of commencement of operations; character of business or kind of goods manufactured; amount of capital invested; number of proprietors, firm members, copartners, or officers, and the amount of their salaries; number of employees, and the amount of their wages; quantity and cost of materials used in manufactures; amount of miscellaneous expenses; quantity and value of products; time in operation during the census year; character and quantity of power used; and character and number of machines employed."

In each of the above particulars the requirements of the law have been observed, but certain of the data thus elicited are reserved for publication in the final volumes.

There were 30 cities and towns in the state withdrawn from the enumerators and their manufacturing statistics collected by special agents, in accordance with the further provision of section 7 of the census act. Wherever the phrase "urban manufactures" is used in this bulletin, it applies only to those cities and towns which were withdrawn from the enumerators and committed to special agents, and only to manufacturing establishments within the corporate limits of such places.

Seven cities in Texas contain a population exceeding 20,000 each: Austin, Dallas, Fort Worth, Galveston, Houston, San Antonio, and Waco. The manufacturing statistics of all these cities are presented by specified industries, and the statistics of Dallas, Fort Worth, Galveston, Houston, and San Antonio are presented in comparison with the returns of the Eleventh Census. The statistics of Austin and Waco were not shown separately in 1890, and comparisons with that year are, therefore, not possible in these cases.

The statistics of Texas are presented in 9 tables: Table 1 showing comparative figures for the state at the several censuses; Table 2 showing all the industries of the state divided between hand trades and the manufactures proper, and also the statistics of eleemosynary and penal institutions, and establishments with a product of less than $500, which two latter classes were not reported at previous censuses; Table 3 showing the statistics of the 11 leading industries of the state for 1890 and 1900; Table 4 showing the totals for the cities of Dallas, Fort Worth, Galveston, Houston, and San Antonio at the censuses of 1890 and 1900; Table 5 showing the urban manufactures of the state in comparison with the totals for the entire state and the state exclusive of the cities and towns withdrawn from the enumerators; Table 6 showing the statistics for the state by counties; Table 7 showing the statistics for the state by specified industries; Table 8 showing the statistics for the cities of Austin, Dallas, Fort Worth, Galveston, Houston, San Antonio, and Waco by specified industries; and Table 9 showing the totals for all industries in each of the cities and towns withdrawn from the enumerators (exclusive of those shown in Table 8).

Table 1 shows the growth of manufactures in Texas for the half century which terminates with the Twelfth Census. Owing to changes in the method of taking the census, comparisons between the earlier and later decades, represented in Table 1, should be drawn only in the most general way. Nevertheless, the rate of growth in Texas manufactures may be fairly inferred from the figures given.

In drafting the schedules of inquiry for the census of 1900 care was taken to preserve the basis of comparison with prior censuses. Comparison may be made safely with respect to all the items of inquiry except those relating to capital, salaried officials, clerks, etc., and their salaries, the average number of employees, and the total amount of wages paid. Live capital, that is, cash on hand, bills receivable, unsettled ledger accounts, raw materials,

stock in process of manufacture, finished products on hand, and other sundries, was first called for at the census of 1890. No definite attempt was made, prior to the census of 1890, to secure a return of live capital invested.

Changes were made in the inquiries relating to employees and wages in order to eliminate defects found to exist on the form of inquiry adopted in 1890. At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay, and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was ascertained by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the method of ascertaining the average number of wage-earners during the entire year may have resulted in a variation in the number, and should be considered in making comparisons.

At the census of 1890 the number and salaries of proprietors and firm members actively engaged in the business or in supervision were reported, combined with clerks and other officials. In cases where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900 only the number of proprietors and firm members actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class. It is therefore impossible to compare the number and salaries of salaried officials of any character for the two censuses.

Furthermore, the schedules for 1890 included in the wage-earning class, overseers, foremen, and superintendents (not general superintendents or managers), while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from the wage-earners, as reported by the present census, many high-salaried employees included in that group for the census of 1890.

In some instances, the number of proprietors and firm members, shown in the accompanying tables, falls short of the number of establishments reported. This is accounted for by the fact that no proprietors or firm members are reported for corporations or cooperative establishments. The number of salaried officials, clerks, etc., is the greatest number reported employed at any one time during the year. For the cotton-ginning industry this number may appear excessive as compared with the amount of salaries paid; but allowance should be made for the fact that a considerable number of clerks are employed for only a part of the year; consequently the amount they receive would be small if reckoned as an annual salary.

The reports show a capital of $90,433,882 invested in manufactures and mechanical industries in the 12,289 establishments reporting for the state of Texas. This sum represents the value of land, buildings, machinery, tools, and implements, and the live capital utilized, but does not include the capital stock of any of the manufacturing corporations of the state. The value of the products is returned at $119,414,982, to produce which involved an outlay of $3,229,075 for salaries of officials, clerks, etc.; $20,552,355 for wages; $6,144,924 for miscellaneous expenses, including rent, taxes, etc.; and $67,102,769 for materials used, mill supplies, freight, and fuel. It is not to be assumed, however, that the difference between the aggregate of these sums and the value of the products is, in any sense, indicative of the profits in the manufacture of the products during the census year. The census schedule takes no cognizance of the cost of selling manufactured articles, or of interest on capital invested, or of the mercantile losses incurred in the business, or of depreciation in plant. The value of the product given is the value as obtained or fixed at the shop or factory. This statement is necessary in order to avoid erroneous conclusions from the figures presented.

The value of products for the state of Texas, $119,414,982, is the gross value, and not the net or true value. The difference between these two should be carefully noted. The gross value is found by adding the value of products in the separate establishments. But the finished product of one establishment is often the raw material for another. In such cases the value of the former reappears in the latter, and thus the original cost of certain materials may be included several times in the gross value. The net or true value is found by subtracting from the gross value the value of all materials purchased in a partly manufactured form. In this way the duplications in the gross value are eliminated.

At the census of 1890 the schedule was so framed that it was impossible to find the net or true value. In the present census the schedule asked for the value of the materials in two classes, those purchased in the crude state and those purchased in the partly manufactured form. From the answers to these questions the net or true value of products may be computed. Thus, for Texas, the gross value of products for 1900 was $119,414,982. The value of materials purchased in a partly manufactured form was $35,775,924. The difference, $83,639,058, is the net or true value of products, and represents the increase in the value of raw materials resulting from the various processes of manufacture.

Very respectfully,

S. N. D. North

Chief Statistician for Manufactures.

TEXAS.

Table 1 shows the manufacturing and mechanical industries of the state of Texas as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	12,289	5,268	2,996	2,399	983	309	133.3	75.8	24.9	144.0	218.1
Capital	$90,433,882	$46,815,181	$9,245,551	$5,284,110	$3,272,450	$539,290	93.2	406.4	75.0	61.5	506.8
Salaried officials, clerks, etc., number	3,560	[1] 4,681	(2)	(2)	(2)	(2)	[3] 23.9				
Salaries	$3,229,075	[1] $3,437,843	(2)	(2)	(2)	(2)	[3] 6.1				
Wage-earners, average number	48,152	34,794	12,159	7,927	3,449	1,066	38.4	186.2	53.4	129.8	223.5
Total wages	$20,552,355	$15,148,495	$3,343,087	$1,787,835	$1,162,756	$322,368	35.7	353.1	87.0	53.8	260.7
Men, 16 years and over	44,198	31,845	11,645	7,450	3,338	1,042	38.8	173.5	56.3	123.2	220.3
Wages	$19,669,733	$14,524,346	(2)	(2)	(2)	(2)	35.4				
Women, 16 years and over	2,913	1,977	116	157	111	24	47.3	1,604.3	[3] 26.1	41.4	362.5
Wages	$787,363	$502,291	(2)	(2)	(2)	(2)	46.8				
Children, under 16 years	1,041	972	398	320	(2)	(2)	7.1	144.2	24.4		
Wages	$145,259	$121,858	(2)	(2)	(2)	(2)	19.2				
Miscellaneous expenses	$6,144,924	$3,594,940	(4)	(4)	(4)	(4)	70.9				
Cost of materials used	$67,102,769	$36,152,308	$12,956,269	$6,273,193	$3,367,372	$394,642	85.6	179.0	106.5	86.3	753.3
Value of products, including custom work and repairing	$119,414,982	$70,433,551	$20,719,928	$11,517,302	$6,577,202	$1,168,538	69.5	239.9	79.9	75.1	462.9
Total population	3,048,710	2,235,523	1,591,749	818,579	604,215	212,592	36.4	40.4	94.5	35.5	184.2
Wage-earners engaged in manufactures	48,152	34,794	12,159	7,927	3,449	1,066	38.4	186.2	53.4	129.8	223.5
Per cent of total population	1.6	1.6	0.8	1.0	0.6	0.5					
Assessed value of real estate	[5] $666,904,488	$523,893,098	$205,508,924	$97,186,568	$112,476,013	$28,149,671	27.8	154.9	111.5	[3] 13.6	299.6
Value of land and buildings invested in manufactures [6]	$28,034,878	$14,585,723	(2)	(2)	(2)	(2)	92.2				
Per cent of assessed value	4.2	2.8									

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Decrease.
[4] Not reported.
[5] As given for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Although Texas is an agricultural and stock-raising state, Table 1 shows that there has been a large growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 212,592 to 3,048,710, while the average number of wage-earners employed in manufacturing establishments increased from 1,066 to 48,152, embracing, in 1900, 1.6 per cent of the entire population, compared with five-tenths of 1 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 77,995, or 2.6 per cent of the total population of the state. The greatest percentage of increase in the value of products is shown for the decade ending with 1860, but the greatest absolute increase was between the years 1880 and 1890.

Manufacturing in Texas is chiefly a result of the state's abundance of raw materials, especially lumber, cotton, and wheat, the leading industries being those which are more or less dependent upon these materials. The large area of the state, and the heavy freight charges, tend to encourage local production, while abundant fuel is available for power in the vicinity of Fort Worth and Dallas. There were 883,832 short tons of coal mined in the state in 1899, or nearly seven times the production of 1889.[1]

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for eleemosynary and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

[1] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal and Coke, page 502.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	16,245	$92,747,345	18,300	52,084	$20,697,998	$6,201,861	$67,683,062	$27,550,627	$36,156,424	$3,976,011	$121,015,480
Hand trades[1]	4,583	4,851,355	5,159	6,872	3,477,727	654,802	7,049,023	91,790	6,713,030	244,203	15,756,310
Eleemosynary and penal institutions	23	767,326	.....	945	82,218	581	309,097	64,958	159,136	85,003	652,232
Establishments with a product of less than $500	3,933	1,546,137	4,226	2,987	63,425	56,356	271,196	43,628	221,364	6,204	948,266
All other establishments	7,706	85,582,527	8,915	41,280	17,074,628	5,490,122	60,053,746	27,350,251	29,062,894	3,640,601	103,658,672

[1] Includes bicycle and tricycle repairing, 66; blacksmithing and wheelwrighting, 2,100; boots and shoes, custom work and repairing, 340; carpentering, 397; clothing, men's, custom work and repairing, 276; clothing, women's, dressmaking, 81; dyeing and cleaning, 56; furniture, cabinetmaking, repairing, and upholstering, 101; lock and gun smithing, 62; masonry, brick and stone, 96; millinery, custom work, 421; painting, house, sign, etc., 166; paper hanging, 1; plastering and stuccowork, 24; plumbing, and gas and steam fitting, 87; sewing machine repairing, 8; taxidermy, 2; typewriter repairing, 1; watch, clock, and jewelry repairing, 298.

Of the 16,245 establishments of all classes shown in this table, 8,516, or 52.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than $500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to $16,704,576, or only 13.8 per cent of the total value of the products of the state.

In addition to the 16,245 active establishments in the state during the census year, with a capital of $92,747,345, shown in Table 2, there were 177 idle establishments, with a capital of $1,158,574, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	14	$54,055	Lumber and timber products	11	$52,330
Cotton, compressing	3	105,375	Oil, cottonseed and cake	1	50,000
Cotton, ginning	94	207,250	Petroleum, refining	1	25,000
Flouring and grist mill products	16	73,815	Sugar and molasses, refining	7	252,415
Iron and steel	1	274,000	Woolen goods	1	10,000
Lime and cement	1	30,000	All other industries	27	24,334

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	5,793	$60,176,540	30,119	$12,692,437	$3,645,302	$41,904,972	$73,024,636
	1890	2,503	30,234,754	21,737	8,687,063	2,328,867	24,165,537	43,189,273
Increase, 1890 to 1900	.....	3,290	29,941,786	8,382	4,005,374	1,316,435	17,739,435	29,835,363
Per cent of increase	.....	131.4	99.0	38.6	46.1	56.5	73.4	69.1
Per cent of total of all industries in state	1900	47.1	66.5	62.5	61.8	59.3	62.4	61.2
	1890	47.5	64.6	62.5	57.3	64.8	66.8	61.3
Cars and general shop construction and repairs by steam railroad companies.	1900	56	3,730,792	6,633	4,004,769	138,838	3,878,586	8,314,691
	1890	31	1,140,049	2,354	1,574,786	(1)	1,223,674	2,860,235
Clay products:								
Total	1900	171	1,496,666	1,859	496,996	59,308	278,393	1,212,266
	1890	143	1,139,561	2,072	553,980	56,722	267,143	1,311,270
Brick and tile	1900	143	1,293,271	1,579	419,573	47,014	284,517	1,020,205
	1890	124	1,054,414	1,956	510,753	53,868	249,132	1,214,690
Pottery, terra cotta, and fire-clay products	1900	28	203,395	280	77,423	12,294	43,876	192,061
	1890	19	85,147	116	43,227	2,854	18,011	96,580
Cotton, ginning[2]	1900	3,222	9,282,101	4,295	648,157	282,644	1,573,911	5,886,923
	1890	572	1,568,902	2,440	305,061	90,477	294,792	1,172,298
Flouring and grist mill products	1900	289	4,273,490	705	398,908	248,390	10,372,387	12,333,730
	1890	690	4,052,802	1,626	409,000	260,816	8,294,003	9,903,455
Foundry and machine shop products	1900	99	2,809,524	1,343	728,553	94,490	1,181,042	2,682,426
	1890	59	1,530,156	782	513,083	80,101	735,001	1,874,059
Liquors, malt	1900	9	4,439,012	585	354,682	1,210,381	646,794	2,689,606
	1890	7	1,534,775	401	205,628	379,309	495,307	1,702,087
Lumber and timber products	1900	637	19,161,265	7,924	3,094,917	368,437	9,668,343	16,296,478
	1890	314	11,175,551	7,485	2,656,119	490,984	6,420,878	11,942,566
Lumber, planing mill products, including sash, doors, and blinds	1900	76	932,860	657	332,288	40,632	900,302	1,605,297
	1890	62	1,169,445	949	541,032	81,848	1,554,926	2,700,941
Oil, cottonseed and cake	1900	103	7,986,962	2,478	830,766	550,225	10,372,753	14,005,324
	1890	13	2,358,615	866	320,140	233,070	2,531,911	3,262,596

[1] Not reported.
[2] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

TABLE 3.—COMPARATIVE SUMMARY OF ELEVEN LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Printing and publishing:								
Total	1900	772	$3,306,168	2,547	$1,298,180	$508,188	$966,268	$4,577,110
	1890	447	2,575,882	2,069	1,211,099	529,553	998,021	3,971,410
Book and job	1900	118	827,095	718	382,151	111,863	334,886	1,189,700
	1890	56	904,945	469	321,030	85,083	483,386	1,213,888
Newspapers and periodicals	1900	654	2,479,073	1,829	916,029	391,325	631,382	3,387,410
	1890	391	1,670,937	1,600	890,069	444,470	514,635	2,757,522
Saddlery and harness	1900	359	2,757,700	1,093	504,221	153,769	2,066,243	3,420,790
	1890	165	1,989,016	693	397,135	125,987	1,349,881	2,488,356

The 11 leading industries of the state in 1900, as shown by Table 3, embraced 5,793 establishments, or 47.1 per cent of the total number in the state; used a capital of $60,176,540, or 66.5 per cent of the total; gave employment to 30,119 wage-earners, or 62.5 per cent of the total number; and paid $12,692,437, or 61.8 per cent of the total wages. The value of their products was $73,024,636, or 61.2 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of lumber and timber products is the most important industry in the state. The 637 establishments reported in 1900 gave employment to 7,924 wage-earners, or 16.5 per cent of the wage-earners employed in the state, and the products were valued at $16,296,473, or 13.6 per cent of the total value of the products of the state. In 1890 there were 314 establishments, 7,485 wage-earners, and products valued at $11,942,566. The increase in the value of products during the decade was $4,353,907, or 36.5 per cent.

The greatest increase took place during the last two or three years of the decade, 243 of the 637 establishments reported in 1900 having been erected during the census year. The industry is confined almost entirely to the counties composing the extreme eastern part of the state. The 215 mills in this section, from Bowie county on the north to Jefferson and Harris counties on the south, reported products valued at $13,930,298 in 1900, or 85.5 per cent of the total for the state, the industry centering chiefly around the towns of Beaumont and Orange. Forests of shortleaf pine extend from the Texarkana district southward to a point about 100 miles north of Beaumont, and average about 4,000 feet of merchantable timber per acre. From this point southward to Jefferson county, and extending across the Sabine River into Louisiana, lies the finest continuous area of longleaf pine in the United States, the average stand of merchantable timber ranging from 6,000 to 35,000 feet per acre. Many of the mills use considerable quantities of timber brought from the pine forests of western Louisiana. The small quantities of hard-wood lumber manufactured in Texas—chiefly oak, ash, and elm—were reported mainly from the counties lying along and near the Red River, in the northwestern portion of the state.

The manufacture of cottonseed oil and cake ranks second among the industries of the state in 1900, with 103 establishments, 2,478 wage-earners, and products valued at $14,005,324. In 1890 there were 13 establishments, 866 wage-earners, and products valued at $3,262,596. The increase in the value of products during the decade was $10,742,728, or 329.3 per cent. Allied to this industry is the ginning of cotton, with 3,222 establishments in 1900, and 4,295 wage-earners. The receipts for ginning and other work done amounted to $5,886,923. In 1890 there were 572 establishments and 2,440 wage-earners, and the receipts for ginning and other work done amounted to $1,172,298. The increase in these receipts during the decade was $4,714,625, or 402.2 per cent. These figures do not include the operations of many private plantation ginneries, or ginneries connected with saw, grist, or cottonseed-oil mills. For the full number of ginneries in operation reference should be made to the special report on cotton ginning. In each of these 2 industries Texas ranks first in the United States—a natural result of its preeminence in cotton growing. There were 2,658,555 commercial bales of cotton grown and ginned in the state in 1899, or 27.9 per cent of the production of the United States.[1] The cotton belt in Texas extends from Travis county, near the center of the state, in a northeasterly direction to Grayson, Fannin, and Lamar counties, bordering upon Indian Territory. The ginneries in the counties of this belt handled 38 per cent of the entire cotton production of the state in 1899. Three of the largest ginneries in the United States, ginning annually over 7,000 round bales each, are located at Waco, Farmersville, and Granger, and in the average size of its ginneries Texas is exceeded only by Oklahoma and Indian Territory. Nowhere, except in these territories, are automatic gins so largely used, or have the ginneries so generally adopted the custom of pressing the cotton after ginning into the so-called "round bales." This process was first introduced in 1894, in Texas, and since then has been very widely adopted in other states. "Round bales" are ready for shipment when they leave the ginnery, and the work of cotton compressors is therefore dispensed with. Of the 93,325,729 gallons of cottonseed oil produced in the United States during the census year,

[1] Special Report on Cotton Ginning (Crop of 1899).

24,354,695 gallons, or 26.1 per cent, were produced in Texas.[1] Large quantities of this oil are shipped each year from Galveston to Mediterranean ports. The cake and meal are not so largely used as fertilizers in Texas as they are in the cotton states east of the Mississippi River. This is due to the more recent development of the Texas soils, and the greater demand in this state for cottonseed meal and cake as food for cattle. It is estimated that half a million cattle are annually fattened on hulls and meal in the cotton states west of the Mississippi River.[2]

There were 289 establishments engaged in the manufacture of flouring and grist mill products, the industry third in rank in 1900, with 705 wage-earners, and products valued at $12,333,730. In 1890 there were 690 establishments, 1,626 wage-earners, and products valued at $9,903,455. The increase in the value of products during the decade was $2,430,275, or 24.5 per cent. There were 12,228,132 bushels of wheat and 3,565,933 bushels of corn ground in the mills of Texas during the census year. During the years 1898, 1899, and 1900 Texas rose to a leading position among the wheat producing states, ranking twenty-second in the United States in 1898, nineteenth in 1899, and sixth in 1900.[3] The large wheat production of Oklahoma and Indian Territory is also available, and is drawn upon to supply the mills of Texas. The most extensive operations outside the city of Galveston are in the counties which are near these territories. Waterpower is used in only a few establishments, steam supplying 85.5 per cent of the total power used. In many of the smaller mills cotton ginning is combined with flour and grist milling, and the total value of products includes $12,955 received for custom cotton ginning.

There were 56 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 6,633 wage-earners, and products valued at $8,314,691. In 1890 there were 31 establishments, 2,354 wage-earners, and products valued at $2,860,235. The increase in the value of products during the decade was $5,454,456, or 190.7 per cent. The immense area of Texas was traversed by 9,886 miles of railroads in 1900, a greater mileage than that of any other state in the Union except Illinois and Pennsylvania.[4] This has necessitated a large number of repair shops, and accounts for the importance of this industry in the state. The establishments reported in 1900 were located in 37 different counties. In addition to the general repair work carried on in these shops, 412 freight cars, 11 passenger cars, and 9 locomotives were built during the census year.

[1] Special Report on Cottonseed Products.
[2] Cotton and Cotton Oil, by D. A. Tompkins, page 372.
[3] Yearbook of the Department of Agriculture, 1898, page 681; 1899, page 766; and 1900, page 767.
[4] Interstate Commerce Commission: Statistics of Railways in the United States, 1900, page 12.

There were 772 establishments engaged in printing and publishing in 1900, with 2,547 wage-earners, and products valued at $4,577,110. In 1890 there were 447 establishments, 2,069 wage-earners, and products valued at $3,971,410. The increase in the value of products during the decade was $605,700, or 15.3 per cent.

There were 359 establishments engaged in the manufacture of saddlery and harness in 1900, with 1,093 wage-earners, and products valued at $3,420,790. In 1890 there were 165 establishments, 693 wage-earners, and products valued at $2,488,356. The increase in the value of products during the decade was $932,434, or 37.5 per cent. This industry is carried on extensively in the city of Dallas, and its products find a market in nearly all the states and territories west of the Mississippi River.[5]

There were 9 establishments engaged in the manufacture of malt liquors in 1900, with 585 wage-earners, and products valued at $2,689,606. In 1890 there were 7 establishments, 401 wage-earners, and products valued at $1,702,087. The increase in the value of products during the decade was $987,519, or 58 per cent. There was no malt produced in the breweries of Texas during the census year, these establishments being dependent on outside sources for this most important material.

There were 99 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 1,343 wage-earners, and products valued at $2,682,426. In 1890 there were 59 establishments, 782 wage-earners, and products valued at $1,874,059. The increase in the value of products during the decade was $808,367, or 43.1 per cent.

There were 76 establishments engaged in the manufacture of planing mill products in 1900, with 657 wage-earners, and products valued at $1,605,297. In 1890 there were 62 establishments, 949 wage-earners, and products valued at $2,700,941. The decrease in the value of products during the decade was $1,095,644, or 40.6 per cent.

There were 171 establishments engaged in the manufacture of clay products in 1900, with 1,859 wage-earners, and products valued at $1,212,266. In 1890 there were 143 establishments, 2,072 wage-earners, and products valued at $1,311,270. The decrease in the value of products during the decade was $99,004, or 7.6 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Dallas, Fort Worth, Galveston, Houston, and San Antonio, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[5] Annual Report of the Dallas Commercial Club, 1899, page 22.

TABLE 4.—COMPARATIVE SUMMARY, DALLAS, FORT WORTH, GALVESTON, HOUSTON, AND SAN ANTONIO, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State	1900	12,289	$90,433,882	48,152	$20,552,855	$6,144,924	$67,102,769	$119,414,982
	1890	5,268	46,815,181	34,794	15,148,495	3,594,940	36,152,308	70,433,551
Per cent of increase		133.3	93.2	38.4	35.7	70.9	85.6	69.5
Dallas	1900	373	6,897,015	3,756	1,852,485	665,954	6,270,870	11,480,499
	1890	312	5,250,118	3,554	2,015,369	595,257	4,354,769	9,054,766
Per cent of increase		19.6	31.4	5.7	[1]8.1	11.9	44.0	26.8
Fort Worth	1900	209	2,668,045	1,449	845,477	392,377	3,348,550	5,332,804
	1890	316	3,194,032	2,368	1,618,073	286,452	3,435,446	6,826,088
Per cent of increase		[1]33.9	[1]16.5	[1]38.8	[1]47.7	[1]37.0	[1]2.5	[1]21.9
Galveston	1900	295	6,073,846	2,058	981,827	477,229	2,618,996	5,016,360
	1890	190	5,122,612	1,679	962,093	405,270	3,263,088	5,724,545
Per cent of increase		55.3	18.6	22.6	2.1	17.8	[1]19.5	[1]12.4
Houston	1900	509	6,955,350	4,587	2,409,250	663,426	5,792,571	10,641,575
	1890	210	3,509,434	2,711	1,353,628	313,114	3,638,205	6,832,943
Per cent of increase		142.4	98.2	69.2	78.0	111.9	59.2	55.7
San Antonio	1900	312	4,252,197	3,073	1,755,008	654,339	3,284,524	6,821,797
	1890	309	3,004,425	2,022	1,216,936	494,744	2,387,984	5,623,612
Per cent of increase		1.0	41.5	52.0	44.2	32.3	37.5	21.3
Total for 5 cities	1900	1,698	26,846,452	14,923	7,844,047	2,853,325	21,315,511	39,293,035
	1890	1,337	20,080,621	12,334	7,166,099	2,094,837	17,069,492	34,061,949
Per cent of increase		27.0	33.7	21.0	9.5	36.2	24.9	15.4
Per cent of 5 cities to total for state	1900	13.8	29.7	31.0	38.2	46.4	31.8	32.9
	1890	25.4	42.9	35.4	47.3	58.3	47.2	48.4

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of these 5 cities. The number of establishments increased from 1,337 to 1,698, or 27 per cent; the average number of wage-earners from 12,334 to 14,923, or 21 per cent; and the value of products from $34,061,949 to $39,293,035, or 15.4 per cent. The percentage of increase in each of these particulars was smaller in these 5 cities than in the state as a whole. Fort Worth shows a decrease in each of these particulars, and Galveston a decrease in the value of products. Houston shows the greatest growth, the value of products having increased from $6,832,943 in 1890 to $10,641,575 in 1900, or 55.7 per cent. In Dallas, the leading manufacturing city, the number of establishments increased from 312 to 373, or 19.6 per cent; the number of wage-earners from 3,554 to 3,756, or 5.7 per cent; and the value of products from $9,054,766 to $11,480,499, or 26.8 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900 constituted 3, 7.8, and 9.6 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 30 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	12,289	$90,433,882	14,074	48,152	$20,552,355	$6,144,924	$67,102,769	$119,414,982		100.0	3,048,710		100.0
Total for urban manufactures	3,448	49,593,595	3,598	26,915	13,384,086	4,458,268	40,397,960	70,362,826		59.3	391,299		12.8
Austin	279	825,293	298	967	471,818	152,199	896,750	1,921,853	10	1.6	22,258	6	0.7
Beaumont	51	3,113,766	48	954	439,078	71,167	1,184,094	2,014,501	9	1.7	9,427	11	0.3
Belton	53	309,003	58	189	74,462	16,963	279,922	467,504	22	0.4	3,700	23	0.1
Brownsville	36	96,905	37	63	17,646	3,478	58,292	108,680	30	0.1	6,305	18	0.2
Bryan	37	182,870	43	120	42,387	18,160	142,811	306,362	26	0.3	3,589	24	0.1
Calvert	29	150,778	24	101	25,208	14,718	236,767	527,005	20	0.4	3,322	27	0.1
Cleburne	75	459,325	75	807	406,011	22,578	593,060	1,202,797	15	1.0	7,493	15	0.2
Corpus Christi	39	75,770	40	80	32,210	5,541	73,157	165,589	29	0.1	4,703	20	0.2
Corsicana	118	929,030	139	508	262,292	54,812	1,362,281	2,147,116	8	1.8	9,313	12	0.3
Cuero	37	187,598	39	86	35,113	9,080	118,191	224,709	28	0.2	3,422	26	0.1
Dallas	373	6,397,015	386	3,756	1,852,485	665,954	6,270,870	11,480,499	1	9.6	42,638	3	1.4
Denison	87	1,212,851	90	779	402,070	49,287	468,848	1,017,613	16	0.8	11,807	9	0.4
El Paso	136	4,550,604	140	2,171	1,036,517	523,095	6,371,489	8,846,045	3	7.4	15,906	8	0.5
Fort Worth	209	2,668,045	234	1,449	845,477	392,377	3,348,550	5,332,804	5	4.5	26,688	5	0.9
Gainesville	76	738,711	77	338	146,758	55,399	807,208	1,251,291	14	1.0	7,874	13	0.3
Galveston	295	6,073,845	315	2,058	981,827	477,229	2,618,996	5,016,360	6	4.2	37,789	4	1.2
Greenville	65	528,607	77	240	101,247	47,440	299,069	608,050	19	0.5	6,860	17	0.2
Hearne	11	149,918	10	101	27,489	23,797	152,652	252,218	27	0.2	2,129	30	0.1
Houston	509	6,955,350	557	4,587	2,409,250	663,426	5,792,571	10,641,575	2	8.9	44,633	2	1.5
Jefferson	21	395,904	14	335	94,367	16,006	292,638	498,462	21	0.4	2,850	29	0.1
Marlin	40	282,792	40	93	37,042	13,068	182,550	330,570	25	0.3	3,092	28	0.1
Marshall	46	892,316	45	638	283,315	51,300	674,750	1,283,847	13	1.1	7,855	14	0.3
Orange	18	3,321,868	16	764	356,005	50,055	924,248	1,666,208	12	1.4	3,835	22	0.1
San Antonio	312	4,252,197	295	3,073	1,755,008	654,339	3,284,524	6,821,797	4	5.7	53,321	1	1.8
Sherman	78	905,742	79	452	198,582	87,946	1,175,693	1,721,280	11	1.4	10,243	10	0.3
Taylor	72	184,735	68	207	92,958	21,862	206,917	429,955	23	0.4	4,211	21	0.1
Temple	74	700,369	88	328	158,882	36,408	569,580	908,726	17	0.8	7,065	16	0.2
Waco	166	2,096,741	164	1,227	469,129	222,681	1,477,642	2,693,907	7	2.3	20,686	7	0.7
Weatherford	83	309,550	79	178	72,671	29,177	368,467	609,415	18	0.5	4,786	19	0.2
Yoakum	28	201,097	23	271	156,782	8,741	165,378	371,093	24	0.3	3,499	25	0.1
Total for state exclusive of urban manufactures	8,841	40,840,287	10,476	21,237	7,168,269	1,686,656	26,704,809	48,552,156		40.7	2,657,411		87.2
Per cent of urban manufactures to total for state	28.1	54.8	25.6	55.9	65.1	72.6	60.2	59.3			12.8		

Of the 12,289 establishments in the state, 3,448, or 28.1 per cent, were located in these 30 cities and towns. They furnished employment to 26,915 wage-earners, or 55.9 per cent of the total number, and the value of their products, $70,862,826, formed 59.3 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Austin, Dallas, Fort Worth, Galveston, Houston, San Antonio, and Waco by specified industries.

Table 9 shows the totals for the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

[No manufactures reported from the following counties: Andrews, Aransas, Bailey, Borden, Buchel, Castro, Cochran, Concho, Crane, Dallam, Dawson, Encinal, Parmer, Randall, Roberts, Schleicher, Sherman, Sterling, Swisher,

	COUNTIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State	12,289	$90,433,882	$12,880,367	$15,154,506	$34,198,170	$28,200,839	14,074	3,560	$3,229,075	48,152	$20,552,355
2	Anderson	104	760,252	52,974	155,110	279,239	272,929	124	36	35,973	615	284,747
3	Angelina	38	1,150,386	398,793	60,210	324,308	367,075	33	29	24,220	619	208,345
4	Archer	4	3,802		195	1,365	2,242	4			1	220
5	Atascosa	14	16,485	435	2,955	12,195	900	16	1	25	12	1,640
6	Austin	133	223,646	12,415	42,840	119,270	49,121	154	2	1,243	118	36,979
7	Bandera	9	15,203	1,783	3,980	7,950	1,490	12			4	804
8	Bastrop	87	261,360	26,955	66,680	118,525	49,200	95	8	5,749	285	106,395
9	Baylor	11	32,620	2,100	4,730	14,655	11,135	12	3	1,770	11	4,920
10	Bee	5	10,990	500	2,240	7,100	1,150	7			15	2,111
11	Bell	239	1,250,560	90,157	271,240	671,298	217,865	282	44	40,819	643	268,127
12	Bexar	333	4,388,318	365,698	808,294	1,223,660	1,990,666	321	215	249,575	3,152	1,773,366
13	Blanco	15	26,445	1,470	4,425	17,570	2,980	17	1	70	8	1,254
14	Bosque	85	272,888	56,025	63,163	112,171	41,529	105	4	3,223	114	43,423
15	Bowie	81	832,351	192,942	93,445	332,019	213,945	88	27	27,005	500	153,901
16	Brazoria	37	311,287	5,990	53,855	218,932	32,460	44	7	4,928	113	29,770
17	Brazos	71	282,929	11,650	39,150	169,828	62,301	84	12	8,020	220	71,780
18	Briscoe	3	1,565	140	325	400	700	4				
19	Brown	92	373,420	22,235	76,310	168,350	106,525	94	13	12,058	207	91,468
20	Burleson	59	262,944	9,837	92,919	93,838	66,350	61	20	10,103	178	59,958
21	Burnet	38	53,614	3,495	7,625	38,845	8,649	50			26	6,587
22	Caldwell	85	191,045	12,261	30,285	112,999	35,500	103	7	2,329	105	31,954
23	Calhoun	10	7,542	295	875	4,180	2,242	11			4	1,379
24	Callahan	32	69,807	6,145	17,425	32,743	13,494	37	5	367	53	23,350
25	Cameron	36	96,905	6,680	15,544	42,382	32,299	37	9	2,007	63	17,646
26	Camp	51	161,591	16,644	36,590	81,385	26,972	57	6	2,739	118	40,353
27	Cass	70	344,786	71,375	24,795	128,255	120,361	88	11	5,348	253	81,562
28	Chambers	10	43,952	11,805	5,415	10,441	16,291	15			15	5,615
29	Cherokee	89	422,114	68,537	44,600	177,688	131,289	114	11	3,420	317	97,842
30	Childress	12	13,792	525	1,675	7,715	3,877	13	1	25	8	3,116
31	Clay	32	91,560	3,405	13,970	36,025	38,160	38	1	300	34	11,585
32	Coke	9	10,607	219	1,385	7,325	1,678	13			3	552
33	Coleman	43	103,343	7,680	20,435	49,327	30,901	54	1	400	32	8,751
34	Collin	190	831,635	74,390	175,910	337,025	244,310	223	22	13,884	344	118,120
35	Colorado	75	198,245	8,642	34,025	126,940	28,638	88	4	250	101	28,951
36	Comal	60	307,137	15,050	67,320	123,235	101,532	68	11	9,063	134	49,224
37	Comanche	68	160,321	12,921	30,065	87,415	29,920	88	3	1,240	62	13,831
38	Cooke	118	809,559	64,629	205,619	335,280	204,031	129	36	32,075	363	152,078
39	Coryell	100	202,727	9,670	31,735	118,452	42,870	114	5	1,173	75	22,190
40	Crockett	7	10,215	1,050	2,350	3,625	3,190	11			7	3,744
41	Dallas	489	7,178,301	436,321	899,562	1,934,622	3,907,796	535	547	549,071	3,891	1,884,424
42	Delta	68	208,403	23,770	35,535	129,975	19,123	90	7	3,321	97	27,683
43	Denton	129	642,697	47,105	183,410	256,717	155,465	155	28	15,262	224	82,609
44	Dewitt	94	494,195	39,980	95,718	260,369	98,133	108	29	24,631	391	198,944
45	Dimmit	3	2,955	225	450	730	1,550	3			1	365
46	Duval	7	10,120	1,420	950	2,925	4,825	6	1	520	4	1,324
47	Eastland	58	262,062	13,625	46,910	128,329	72,698	74	12	7,295	79	23,177
48	Edwards	6	29,849	733	10,650	8,550	9,916	5	4	4,200	31	10,887
49	Ellis	203	800,582	50,340	149,159	466,796	134,287	270	52	30,832	401	133,269
50	El Paso	148	4,604,231	254,066	1,345,281	1,869,888	1,134,996	150	89	120,850	2,248	1,056,687
51	Erath	78	618,423	31,845	211,700	281,798	93,080	81	24	19,257	273	81,536
52	Falls	122	500,630	85,850	93,428	198,545	122,807	141	9	4,132	206	65,404
53	Fannin	204	761,331	55,250	126,618	410,338	169,125	239	30	20,844	355	113,071
54	Fayette	174	592,740	33,927	116,525	361,486	80,802	199	18	11,403	285	106,242
55	Fisher	6	7,210	410	1,800	4,400	600	6			2	710
56	Floyd	6	4,320	220	500	2,045	1,555	9			1	168
57	Foard	4	4,575	275	625	2,975	700	5			1	160
58	Fort Bend	57	1,093,608	10,920	163,665	750,025	178,998	50	13	10,271	178	58,564
59	Franklin	27	69,444	10,375	6,040	35,449	17,580	40	5	330	47	12,904
60	Freestone	48	115,832	2,362	20,625	85,425	7,420	52	4	2,600	58	11,378
61	Frio	5	11,525	700	2,000	8,800	25	6			5	602
62	Galveston	305	6,039,840	986,638	1,292,132	2,021,922	1,789,148	321	159	186,096	2,075	988,680
63	Gillespie	41	96,080	4,260	20,880	50,640	20,300	45	2	1,320	27	7,504
64	Goliad	16	54,820	4,145	11,415	31,660	7,600	21	3	844	26	6,907
65	Gonzales	107	290,122	12,003	65,165	170,854	42,100	126	6	4,555	168	50,499
66	Grayson	301	2,562,172	212,078	561,035	1,238,988	550,076	313	142	112,693	1,480	662,188
67	Gregg	48	333,050	27,697	51,400	126,605	127,348	55	22	17,150	260	92,642
68	Grimes	68	194,505	13,405	44,570	115,975	20,555	74	11	6,778	111	27,485
69	Guadalupe	67	284,617	17,597	69,830	152,200	44,990	82	6	4,538	106	30,304
70	Hale	8	5,630	130	550	3,425	1,525	9			2	575
71	Hall	10	9,145	295	780	2,595	5,475	14			3	750
72	Hamilton	56	189,652	11,267	38,310	82,535	57,540	70	2	1,278	58	17,435
73	Hardeman	17	465,383	82,542	157,123	120,249	105,469	14	20	26,823	116	32,918
74	Hardin	11	546,061	116,282	32,025	112,585	285,169	8	25	28,480	352	154,769
75	Harris	550	8,069,482	895,825	1,597,185	2,633,300	2,943,172	607	346	386,163	5,060	2,545,386
76	Harrison	100	1,053,031	67,063	187,140	378,837	419,991	110	38	32,676	741	414,180

BY COUNTIES: 1900.

Foley, Gaines, Garza, Glasscock, Gray, Hansford, Hockley, Hutchinson, Irion, King, Lamb, Loving, Lubbock, Lynn, McMullen, Martin, Moore, Ochiltree, Oldham, Terry, Upton, Wheeler, Winkler, Yoakum, Zapata, Zavalla.]

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
44,198	$19,669,733	2,913	$787,363	1,041	$145,259	$6,144,924	$785,554	$525,565	$4,525,380	$308,425	$67,102,769	$64,612,488	$2,490,281	$119,414,982	1
597	280,956	11	2,760	7	1,081	33,174	7,044	6,735	18,925	470	520,010	505,343	14,667	1,031,025	2
617	208,305	1	360	1	180	19,247	843	2,070	16,334		786,800	785,642	1,158	1,306,997	3
				1	220	290	58	24	163	45	1,848	1,818	30	4,697	4
11	1,560			1	80	394	105	102	187		2,725	2,252	473	12,851	5
113	35,799	2	780	3	400	5,799	1,548	863	3,253	135	93,676	89,387	4,289	235,887	6
3	708			1	96	414	30	114	270		9,461	9,215	246	16,240	7
280	105,195	4	1,080	1	120	15,587	4,601	2,026	8,960		134,588	121,719	12,869	349,481	8
9	4,670			2	250	1,381	268	240	873		35,570	34,775	795	57,418	9
9	1,777	1	120	5	214	586	12	49	525		4,390	4,146	244	12,621	10
592	258,686	44	8,553	7	888	60,380	11,285	9,201	38,194	1,700	953,686	916,471	37,165	1,640,773	11
2,860	1,710,240	262	58,881	30	4,245	665,889	54,620	34,177	573,911	3,181	3,299,886	3,186,153	113,683	6,897,629	12
8	1,254					233	36	139	58		5,151	4,608	543	16,438	13
101	40,593	9	2,350	4	480	5,557	979	1,311	3,067	200	123,471	118,825	4,646	253,404	14
485	151,031	4	1,228	11	1,642	22,834	1,892	3,839	17,253	350	513,396	499,461	13,935	914,650	15
110	29,280	2	400	1	90	9,587	423	2,793	6,371		162,352	151,878	10,474	239,631	16
210	69,713	6	1,510	4	557	23,010	3,355	1,714	12,941	5,000	169,298	161,715	7,583	407,856	17
						14		14			976	862	114	1,825	18
191	87,206	14	3,950	2	312	21,752	4,810	3,515	13,427		327,985	315,721	12,264	617,631	19
177	59,868			1	90	10,894	1,438	2,541	6,915		862,847	839,097	23,750	1,990,839	20
23	5,942	2	430	1	215	2,038	674	353	1,011		28,935	27,423	1,512	66,640	21
99	30,594	1	660	5	700	9,050	3,242	1,375	4,133	300	134,137	126,335	7,802	297,592	22
3	1,229			1	150	629	423	21	185		2,583	2,438	145	11,215	23
46	21,518	6	1,760	1	72	3,535	547	598	2,390		43,484	42,521	963	103,709	24
58	17,290			5	356	3,478	685	883	1,379	531	58,292	55,817	2,475	108,680	25
107	37,977	8	2,000	3	376	4,086	686	1,280	2,120		132,986	129,227	3,759	243,219	26
248	80,794	1	90	4	678	7,018	140	1,717	5,161		268,101	266,487	1,614	485,801	27
15	5,615					710	72	75	563		27,005	26,900	105	51,279	28
268	85,952	39	10,690	10	1,200	10,603	1,311	1,752	6,540	1,000	275,054	263,193	11,861	530,478	29
5	2,716	1	180	2	220	1,151	578	98	455	20	8,806	8,490	316	21,178	30
29	10,715	3	600	2	270	6,106	912	932	4,262		143,183	139,573	3,610	195,208	31
2	312	1	240			938	168	51	719		2,119	1,862	257	9,720	32
27	7,451	5	1,300			3,107	779	574	1,754		29,887	28,258	1,629	74,860	33
306	107,689	33	9,975	5	456	41,751	6,104	4,587	30,605	455	1,120,791	1,097,484	23,307	1,643,068	34
93	27,922	4	620	4	409	9,692	2,333	953	6,306	100	87,899	81,508	6,391	205,391	35
124	47,922	5	970	5	332	10,731	1,390	2,919	6,022	400	627,071	623,235	3,836	956,170	36
54	11,841	5	1,510	3	480	4,317	551	950	2,816		42,519	38,871	3,648	118,863	37
337	145,529	22	6,055	4	494	57,309	7,257	7,371	42,606	75	823,904	794,650	29,254	1,299,221	38
70	21,518	3	441	2	231	5,711	1,862	955	2,894		99,976	94,088	5,888	214,552	39
7	3,744					182	36	43	103		4,048	3,793	255	15,362	40
3,077	1,696,719	620	158,269	194	29,436	675,605	99,413	40,175	458,829	77,188	6,419,707	6,274,100	145,607	11,789,053	41
91	25,963	5	1,600	1	120	6,706	1,798	1,200	3,698	10	115,875	111,138	4,737	261,421	42
183	72,609	36	9,240	5	760	47,123	5,626	3,498	37,999		610,113	582,723	27,390	934,638	43
376	196,003	11	2,417	4	524	23,258	8,072	3,854	11,182	150	307,081	286,361	20,720	681,808	44
1	365					84		14	60	10	626	556	70	2,900	45
4	1,324					499	210	47	242		6,452	6,383	69	14,509	46
69	20,949	6	1,780	4	448	12,304	796	2,093	9,415		83,540	78,759	4,781	183,775	47
30	10,687			1	250	1,411	90	122	1,199		12,293	1,715	10,578	41,292	48
373	127,204	23	5,214	5	851	64,746	13,868	5,011	43,537	2,330	592,187	560,491	31,696	1,072,655	49
2,181	1,038,687	54	16,096	18	1,954	524,697	30,238	10,471	483,988		6,392,463	6,020,506	371,962	8,910,506	50
265	79,091	8	2,445			34,305	3,081	3,398	27,831		189,549	162,141	27,408	419,185	51
196	62,563	7	2,532	3	309	20,288	3,123	3,016	14,094	55	271,229	259,551	11,678	566,559	52
337	109,126	14	3,395	4	550	47,701	9,251	5,904	32,446	100	459,381	435,921	23,460	927,121	53
275	103,798	8	1,820	4	624	32,995	4,892	3,563	19,306	5,234	270,586	249,854	20,732	646,208	54
2	710					486	118	37	331		2,045	1,827	218	6,515	55
1	168					102		31	71		4,063	3,861	202	8,145	56
1	160					102	60	23	19		1,018	853	165	3,462	57
171	57,110	2	780	5	674	44,447	1,012	3,204	40,231		193,612	149,013	44,599	362,710	58
46	12,784			1	120	1,525	208	333	984		37,179	36,179	1,000	81,999	59
55	11,062			3	316	4,904	140	787	3,977		66,327	62,158	4,169	126,187	60
5	602					580	25	105	450		2,333	2,078	255	8,358	61
1,606	886,977	336	79,006	133	22,697	478,030	66,871	43,888	348,884	18,387	2,627,546	2,536,823	90,723	5,041,932	62
23	6,914	1	250	3	340	3,416	518	373	2,325	205	84,089	81,724	2,365	133,881	63
24	6,382	2	525			3,219		297	2,922		33,776	30,418	3,358	63,906	64
166	50,079	1	300	1	120	11,621	3,279	965	6,877	500	151,366	135,450	15,916	345,865	65
1,236	620,920	144	35,188	50	6,080	156,305	25,249	15,316	113,860	1,880	2,068,056	2,000,241	67,815	3,398,903	66
256	90,952	4	1,690			11,581	1,850	3,011	6,670		287,282	284,522	2,760	502,895	67
105	26,535			6	950	6,121	1,049	1,694	3,378		129,752	123,141	6,611	241,495	68
102	29,758	2	280	2	266	15,678	3,649	1,077	10,952		181,573	170,452	11,121	310,786	69
1	375			1	200	413	264	25	124		5,898	5,654	244	12,406	70
1	472			2	278	492	251	49	192		4,860	4,650	210	12,180	71
53	16,678	3	560	2	195	5,844	1,728	1,399	2,667	50	231,755	226,571	5,184	312,804	72
108	30,818	8	2,100			53,522	1,159	2,556	49,807		183,617	160,846	22,771	333,524	73
347	153,629	2	540	3	600	15,858	280	1,060	14,518		325,993	325,731	262	609,208	74
4,739	2,465,286	247	69,639	74	10,511	736,265	82,909	45,093	597,421	10,842	7,711,908	7,492,329	219,579	13,035,491	75
715	408,860	16	4,185	10	1,135	56,505	5,199	3,253	42,053	1,000	741,132	719,758	21,374	1,439,066	76

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
77	Haskell	4	$6,149	$25	$600	$4,920	$604	4			3	$553
78	Hays	40	170,672	11,645	38,735	97,472	22,820	40	15	$3,839	64	21,130
79	Henderson	52	161,660	23,328	24,495	86,765	27,072	66	4	1,850	161	41,494
80	Hidalgo	6	12,561	85	970	7,331	4,175	7			12	2,630
81	Hill	190	743,868	48,777	148,590	434,099	112,402	216	40	27,591	300	91,744
82	Hood	49	124,920	9,830	22,130	68,795	24,165	61	2	945	45	12,966
83	Hopkins	106	295,049	12,815	44,210	184,316	53,708	130	13	4,720	202	57,027
84	Houston	69	180,321	38,116	21,540	88,850	31,815	85	3	2,380	123	33,366
85	Howard	11	108,986	3,675	9,825	34,094	61,392	12	3	4,400	74	53,460
86	Hunt	206	1,002,693	70,502	151,968	449,768	330,455	246	40	24,883	434	155,051
87	Jack	29	95,430	5,530	17,800	40,640	31,460	32	2	1,380	28	8,824
88	Jackson	19	40,702	2,095	8,145	27,265	3,197	27	1	25	11	2,836
89	Jasper	11	19,602	8,977	2,700	6,675	1,250	12			11	3,645
90	Jefferson	60	3,151,971	1,160,084	191,238	457,558	1,343,091	59	59	86,788	998	456,754
91	Johnson	157	741,374	45,480	126,515	441,142	128,237	175	59	51,706	896	429,864
92	Jones	25	71,850	1,960	15,555	38,735	15,600	31	2	760	18	6,514
93	Karnes	33	81,508	3,705	14,498	52,382	10,923	39	3	1,470	34	8,989
94	Kaufman	120	612,956	54,393	112,128	299,144	147,291	132	26	17,492	400	169,420
95	Kendall	24	50,727	5,155	13,625	16,360	15,587	24			10	2,754
96	Kerr	15	31,565	4,040	9,495	14,275	6,755	16			10	4,135
97	Kimble	8	11,915	8,100	2,095	5,370	1,350	9			2	550
98	Kinney	8	4,610	250	1,100	2,310	950	8			2	320
99	Lamar	179	1,003,152	149,647	190,694	470,755	192,056	208	101	39,040	606	203,604
100	Lampasas	50	75,727	6,502	11,500	38,315	19,410	55	5	2,439	35	12,057
101	Lasalle	4	3,030	100	250	1,680	1,000	5			2	672
102	Lavaca	98	275,540	18,688	43,420	165,293	48,139	118	3	3,100	134	43,890
103	Lee	66	132,211	14,343	23,009	78,044	16,815	75	6	1,140	60	18,537
104	Leon	55	75,873	6,789	14,180	50,300	4,604	62	3	270	46	8,105
105	Liberty	13	124,450	42,741	9,015	56,795	15,899	18	3	1,680	96	33,758
106	Limestone	97	271,161	17,140	43,330	184,680	26,011	125	8	3,374	121	86,164
107	Live Oak	3	2,100	25	100	1,925	50	3			2	256
108	Llano	32	37,441	1,429	4,715	18,955	12,342	40	1	750	32	11,321
109	McCulloch	14	20,126	1,136	3,340	11,575	4,075	13	1	70	9	2,065
110	McLennan	302	2,498,524	208,758	425,021	1,016,256	843,489	342	126	114,291	1,381	509,541
111	Madison	26	38,295	1,950	5,080	19,325	11,940	30			23	4,166
112	Marion	44	553,705	143,611	134,755	149,869	125,470	43	34	24,760	478	134,808
113	Mason	29	50,072	2,870	10,689	29,835	6,678	31	2	165	11	2,720
114	Matagorda	21	35,198	1,083	7,540	22,700	3,875	23	2	70	22	5,033
115	Maverick	5	40,130	4,000	10,000	18,860	7,270	5			14	6,676
116	Medina	18	45,905	3,780	10,925	24,500	6,750	23	2	235	14	2,113
117	Menard	6	18,475	900	3,500	4,525	9,550	6			3	987
118	Midland	12	21,895	2,800	8,300	5,270	5,025	13	1	400	15	5,280
119	Milam	122	424,234	15,961	61,819	245,460	100,994	139	10	6,910	193	56,439
120	Mills	11	22,945	930	3,395	15,380	3,240	17			10	2,278
121	Mitchell	19	55,445	2,370	17,650	24,725	10,700	22	2	2,600	35	10,752
122	Montague	96	275,565	14,995	51,795	164,955	43,820	126	5	2,911	107	32,404
123	Montgomery	54	538,925	142,031	30,865	232,209	133,820	71	27	18,890	526	179,999
124	Morris	37	90,438	5,890	11,070	52,677	20,801	56	5	1,432	70	20,829
125	Motley	4	1,605	215	375	555	460	4			1	300
126	Nacogdoches	101	353,819	46,360	85,862	145,372	76,225	120	14	11,700	314	89,532
127	Navarro	224	1,244,280	49,320	145,041	640,948	408,971	268	70	52,346	655	298,287
128	Newton	15	2,815,038	956,533	122,386	799,135	936,984	13	46	47,200	595	284,175
129	Nueces	43	84,670	7,660	10,140	32,643	34,227	44	3	2,520	84	33,270
130	Orange	23	3,918,010	1,898,237	167,615	384,096	1,468,062	21	37	49,655	894	412,323
131	Palo Pinto	47	96,310	14,165	18,550	38,450	25,145	45	3	1,560	56	17,409
132	Panola	80	471,225	75,870	47,935	203,435	143,985	115	13	7,250	387	141,212
133	Parker	135	536,309	32,003	110,726	256,419	137,161	140	25	16,567	319	114,329
134	Polk	36	1,040,692	476,507	43,036	254,778	266,371	47	14	14,700	336	120,521
135	Potter	5	28,190	400	1,750	5,800	20,240	4	2	1,800	17	10,527
136	Presidio	6	10,825	350	1,925	5,050	3,500	7			3	1,080
137	Rains	13	25,720	2,385	4,155	18,255	925	15			15	3,150
138	Red River	136	324,645	44,157	51,525	178,797	55,166	160	11	6,179	207	60,912
139	Reeves	5	19,182	1,850	5,650	6,870	4,812	4	1	1,116	16	8,835
140	Robertson	103	431,176	15,052	69,551	311,289	35,284	99	16	10,023	256	64,774
141	Rockwall	49	89,970	5,210	21,850	52,942	9,968	68	1	215	50	13,578
142	Runnels	23	53,620	2,305	10,265	29,817	11,233	26	1	300	24	9,646
143	Rusk	107	225,694	21,363	26,515	141,465	36,351	132	7	2,300	143	38,136
144	Sabine	16	15,810	1,290	2,725	10,960	835	17	1	28	17	2,848
145	San Augustine	22	33,036	10,256	3,650	16,745	2,385	35			20	4,951
146	San Jacinto	36	150,231	41,080	9,215	67,961	31,975	37	6	4,893	178	61,402
147	San Saba	25	46,490	2,149	6,130	25,100	13,111	31			15	4,479
148	Scurry	6	11,210	220	2,725	6,015	2,250	8			7	2,220
149	Shackelford	15	34,780	825	6,390	18,350	9,215	17	1	900	9	2,892
150	Shelby	84	268,553	72,127	22,895	102,811	70,720	112	6	5,300	170	59,621
151	Smith	133	480,612	22,474	75,434	218,938	163,766	154	38	33,624	590	278,266
152	Somervell	7	7,813	375	2,300	4,638	500	7			6	908
153	Starr	3	1,500	150	350	150	850	3			2	670
154	Stephens	18	24,920	790	4,265	15,895	3,970	24	1	32	8	1,666
155	Stonewall	4	4,050	30	380	3,150	490	5			2	272
156	Sutton	7	8,195	710	600	1,850	5,035	9			8	2,508

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
3	$553					$192	$82	$46	$64		$2,658	$2,505	$153	$5,452	77
62	20,735			2	$395	10,497	885	1,180	8,432		102,779	96,911	5,868	195,131	78
153	40,580	4	$346	4	568	2,432	122	783	1,377	$150	46,708	38,519	8,189	154,332	79
12	2,630					1,680		109	1,571		2,810	2,176	634	9,780	80
273	85,155	22	5,795	5	794	48,701	9,549	4,308	34,694	150	411,479	387,359	24,120	840,241	81
43	12,066	2	900			4,922	550	843	3,529		125,567	121,433	4,134	188,285	82
181	52,912	14	3,425	7	690	19,889	3,658	3,233	11,748	1,250	166,910	154,612	12,298	370,120	83
123	33,366					3,849	671	1,144	2,034		103,874	99,518	4,356	198,280	84
71	52,960	2	400	1	100	12,511	378	6,024	6,109		76,362	71,150	5,212	155,446	85
410	149,432	19	5,088	5	586	60,810	11,328	6,095	41,200	2,187	750,017	722,819	27,198	1,327,750	86
25	8,124	2	450	1	250	5,883	817	644	4,422		73,420	71,562	1,858	109,997	87
9	2,396			2	440	992	257	244	491		7,609	7,071	538	26,165	88
11	3,645					542	87	115	340		11,996	11,932	64	21,517	89
987	452,179	8	4,090	3	485	72,515	7,990	15,406	48,909	240	1,221,049	1,210,075	10,974	2,104,367	90
870	422,637	19	6,373	7	854	34,720	7,858	4,049	19,038	3,775	745,063	718,216	26,847	1,508,126	91
17	6,154	1	360			2,535	202	304	2,029		105,091	102,053	3,038	146,646	92
31	8,549			3	440	4,650	879	617	2,954	200	16,345	14,080	2,315	61,046	93
385	166,945	2	720	13	1,755	25,537	4,822	3,586	16,979	200	444,149	415,606	28,543	846,585	94
9	2,614	1	140			1,265	340	283	642		26,879	26,226	653	48,758	95
8	3,885			2	250	1,486	448	355	683		56,713	56,423	290	79,597	96
1	350	1	200			273	34	93	146		3,553	3,422	131	8,829	97
		1	200	1	120	485	368	36	81		2,773	2,723	50	8,850	98
532	190,328	60	11,770	14	1,506	50,844	6,861	6,253	37,545	185	632,022	593,250	38,772	1,226,559	99
28	10,427	4	1,200	3	430	3,959	1,990	640	1,299	30	54,984	52,829	2,105	121,547	100
2	672					266	132	15	119		636	596	40	3,287	101
129	43,072	2	470	3	348	16,315	1,582	1,699	13,034		180,073	168,890	11,183	371,897	102
57	13,112	2	210	1	215	6,523	2,740	827	2,956		30,162	26,671	3,491	112,993	103
45	8,045			1	60	2,066	377	425	1,264		20,542	17,829	2,713	73,801	104
93	33,463	1	200	2	100	2,521	193	180	2,148		82,637	82,486	151	141,003	105
118	34,783	3	1,381			22,906	1,636	2,582	18,518	170	168,520	158,068	10,452	349,064	106
1	206			1	50	172	66	15	91		744	646	98	3,119	107
30	10,889	2	432			2,503	1,132	221	1,150		13,163	12,496	667	52,530	108
9	2,065					288	65	60	163		4,069	3,519	550	14,217	109
1,061	445,455	260	56,647	60	7,439	289,157	37,052	19,222	172,774	10,109	1,709,366	1,631,406	77,960	3,128,554	110
21	3,926			2	240	734	142	218	374		11,504	10,157	1,347	39,101	111
467	132,212	6	1,250	5	1,346	18,027	971	2,736	13,257	1,063	395,331	348,621	46,710	681,538	112
11	2,720					1,774	736	320	718		23,393	21,872	1,521	50,250	113
21	4,832			1	200	1,592	388	299	905		16,643	16,102	541	36,830	114
13	6,580			1	96	1,577	272	159	1,146		4,028	2,773	1,255	20,210	115
13	1,948			1	165	1,082	285	338	459		6,451	5,614	837	22,380	116
3	987					486	120	161	205		3,065	2,960	105	11,498	117
13	5,030	1	150	1	100	518	60	187	271		9,520	9,188	332	20,596	118
190	55,456	2	740	1	243	17,272	4,531	2,758	9,983		236,685	221,758	14,927	496,518	119
10	2,278					780	120	192	468		5,332	4,684	648	19,996	120
27	9,992	7	700	1	60	4,300	1,151	378	2,771		22,386	20,056	2,330	63,102	121
89	28,961	14	2,895	4	548	11,109	2,379	2,780	5,950		169,077	160,953	8,124	342,150	122
522	179,311	1	360	3	328	17,384	596	2,782	13,931	25	453,804	452,970	834	817,037	123
69	20,589	1	240			1,705	336	359	1,010		37,991	35,914	2,077	92,556	124
1	300					14		10	4		489	439	50	2,800	125
291	84,169	14	4,643	9	720	8,820	2,141	1,653	4,951	75	291,268	277,158	14,110	513,067	126
597	284,003	41	12,011	17	2,273	67,915	18,342	6,373	39,700	3,500	1,521,153	1,463,953	57,200	2,578,180	127
592	283,725	1	200	2	250	68,327	30	12,052	56,245		795,121	794,966	155	1,508,693	128
70	31,165	7	1,405	7	700	5,711	1,787	517	3,407		74,377	71,203	3,174	169,816	129
884	409,599	4	1,284	6	1,440	69,072	1,594	14,095	53,383		1,153,260	1,151,398	1,862	2,037,313	130
42	14,409	5	1,665	9	1,335	6,412	2,469	671	3,010	262	47,793	44,730	3,063	128,194	131
382	140,352	1	160	4	700	11,539	945	1,772	8,822		465,270	463,791	1,479	776,013	132
304	110,807	9	2,962	6	560	34,177	5,019	2,794	17,444	8,920	410,588	378,972	31,616	744,771	133
336	120,521					17,576	275	3,528	13,773		588,283	587,539	744	859,657	134
16	10,475			1	52	1,553	652	92	809		14,508	14,237	271	37,225	135
3	1,080					283	50	55	178		3,179	3,040	139	9,215	136
14	2,900			1	250	325	60	114	151		6,049	5,438	611	20,013	137
201	50,081	4	635	2	196	12,113	3,607	2,463	6,043		206,193	197,672	8,521	416,979	138
16	8,835					910	72	250	588		15,765	14,195	1,570	30,085	139
254	64,242	2	532			44,880	2,946	3,290	38,644		418,301	394,611	23,690	872,540	140
47	12,888	2	600	1	90	3,826	939	517	2,136	234	74,691	71,235	3,456	139,491	141
21	9,124	3	522			1,860	938	398	524		28,365	27,034	1,331	60,516	142
140	36,418	6	1,495	2	223	5,619	1,979	673	2,917	50	81,265	76,993	4,272	211,781	143
16	2,698			1	150	500	88	78	339		4,853	4,566	287	15,261	144
20	4,951					609	140	182	287		6,109	5,715	394	21,986	145
178	61,402					2,411	15	610	1,786		125,451	124,433	1,018	225,510	146
14	4,419			1	60	2,598	1,304	288	1,056		40,909	39,600	1,309	68,417	147
6	2,170			1	50	583	106	59	318	100	2,918	2,573	345	10,095	148
7	2,472	1	300	1	120	1,384	538	165	657	24	28,525	27,829	696	42,383	149
164	58,296	5	1,255	1	70	5,088	705	909	3,474		172,374	169,412	2,962	323,225	150
559	267,374	20	4,557	11	1,335	39,796	4,764	3,468	15,564	16,000	453,620	434,429	19,191	913,689	151
6	908					28		28			1,267	984	283	6,571	152
2	670					144	72	17	55		1,150	980	170	2,820	153
7	1,546	1	120			929	185	134	610		10,155	9,496	659	26,213	154
2	272					124	50	53	21		781	711	70	3,275	155
5	2,260			3	248	553	360	67	126		8,949	8,687	262	19,495	156

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
157	Tarrant	290	$2,922,090	$215,804	$573,964	$923,808	$1,208,514	380	143	$151,597	1,551	$872,896
158	Taylor	39	185,908	16,703	46,090	95,950	27,165	52	2	1,292	66	22,234
159	Throckmorton	8	4,770	460	925	2,700	685	9			3	780
160	Titus	43	119,885	10,365	23,105	72,400	13,515	55	5	4,700	95	28,829
161	Tom Green	28	94,520	9,601	16,090	34,429	34,400	30	2	1,860	57	29,433
162	Travis	369	1,034,165	57,758	124,446	470,690	381,276	408	65	51,090	1,081	500,465
163	Trinity	33	698,401	236,337	48,485	169,469	244,110	39	19	21,325	374	150,430
164	Tyler	34	1,394,076	602,872	94,669	409,074	287,461	39	38	32,635	599	254,248
165	Upshur	68	426,686	102,923	31,240	196,660	95,863	85	8	10,520	298	86,233
166	Uvalde	7	19,240	3,680	2,520	5,850	7,240	9			8	3,250
167	Valverde	7	9,176	1,500	1,254	4,073	2,349	10			11	3,137
168	Van Zandt	88	424,583	58,199	120,331	155,120	90,883	95	11	16,060	267	81,280
169	Victoria	80	200,001	15,756	37,230	106,279	40,736	81	13	6,280	144	48,397
170	Walker	42	111,452	18,607	14,190	58,385	20,270	45	2	353	71	20,170
171	Waller	38	82,610	7,965	12,900	44,295	17,450	34	3	1,300	46	16,115
172	Washington	138	599,547	32,625	101,467	346,704	118,751	155	35	23,502	328	116,605
173	Webb	28	211,783	14,618	99,200	70,673	27,392	27	9	7,524	395	169,310
174	Wharton	29	83,180	3,615	15,975	57,850	5,740	34	5	1,200	76	12,634
175	Wichita	22	92,614	2,700	19,250	37,760	32,904	23	2	2,500	35	14,986
176	Wilbarger	30	89,289	1,840	19,100	28,655	39,694	37	2	1,200	23	8,011
177	Williamson	233	643,254	39,030	123,515	367,173	113,536	265	23	17,309	541	165,280
178	Wilson	19	170,783	22,006	79,643	49,196	19,938	23	6	6,300	145	30,077
179	Wise	99	229,744	5,485	46,190	136,272	41,797	128	6	1,410	138	27,430
180	Wood	83	301,051	67,911	33,435	158,403	41,302	105	11	6,680	203	63,808
181	Young	24	62,971	4,483	16,255	27,825	14,408	37	2	1,000	20	7,267
182	All other counties[1]	33	89,801	2,317	6,317	19,707	11,460	37	3	2,860	46	25,411

[1] Includes establishments distributed as follows: Armstrong, 2; Brewster, 1; Carson, 1; Collingsworth, 1; Cottle, 2; Crosby, 1; Deaf Smith, 1; Dickens, 1; Donley, 2; Ector, 2; Hartley, 2; Hemphill, 2; Jeff Davis, 1; Kent, 1; Knox, 2; Lipscomb, 2; Nolan, 2; Pecos, 2; Refugio, 2; San Patricio, 1; Ward, 2.

TABLE 7.—MANUFACTURES BY

1	All industries	12,289	$90,433,882	$12,880,367	$15,154,506	$34,198,170	$28,200,839	14,074	3,560	$3,229,075	48,152	$20,552,355
2	Agricultural implements	5	57,635	1,225	10,650	12,353	33,407	4	5	7,950	28	10,419
3	Artificial limbs	3	3,690			2,520	1,170	3			1	1,000
4	Awnings, tents, and sails	11	53,460	2,300	4,000	9,960	37,200	10	2	2,700	59	20,968
5	Baking and yeast powders	5	176,028	21,400	10,800	11,900	131,928	4	32	41,000	70	16,272
6	Bicycle and tricycle repairing	66	70,005	450	520	22,830	46,205	73	1	600	70	29,799
7	Blacksmithing and wheelwrighting	2,100	1,681,431	276,632	293,724	391,950	719,125	2,474	6	2,890	1,101	460,076
8	Boots and shoes, custom work and repairing.	340	162,357	14,475	22,505	54,721	70,656	339	1	390	131	61,325
9	Bottling	3	5,350	500	500	2,500	1,850	3			6	1,750
10	Boxes, wooden packing	9	70,252	1,150	8,500	24,727	35,875	10	6	4,420	74	21,782
11	Bread and other bakery products	178	442,610	69,925	93,338	140,615	138,732	187	26	16,141	457	220,028
12	Brick and tile	143	1,293,271	141,747	453,207	376,550	321,767	161	64	51,491	1,579	419,573
13	Bridges	5	6,817			3,650	3,167	5	4	3,900	40	16,940
14	Brooms and brushes	54	54,477	6,365	10,730	9,952	27,430	62	3	2,139	78	29,977
15	Carpentering	397	555,906	59,765	47,443	108,406	340,292	467	6	5,635	1,740	1,035,938
16	Carriages and wagons	78	416,977	76,078	101,818	62,585	176,496	99	9	7,480	310	168,415
17	Cars and general shop construction and repairs by steam railroad companies.	56	3,730,792	437,873	897,579	1,104,483	1,290,857		263	292,398	6,638	4,004,769
18	Cars and general shop construction and repairs by street railroad companies.	3	12,400	6,500	3,300	1,360	1,240		2	1,700	12	7,520
19	Charcoal	13	28,145	5,175	14,565	1,960	6,445	12			58	19,990
20	Cheese, butter, and condensed milk, factory product.	12	41,670	4,970	15,500	15,300	5,900	9	3	1,800	18	8,870
21	Clothing, men's, custom work and repairing.	276	366,551	16,740	20,520	43,306	285,985	305	23	15,358	659	351,983
22	Clothing, men's, factory product	11	514,371	30,000	42,000	66,963	375,408	8	36	38,990	532	130,602
23	Clothing, women's, dressmaking	81	79,334	8,580	3,680	10,341	56,733	85	12	9,300	321	70,977
24	Coffee and spice, roasting and grinding	8	19,990	500	250	8,225	11,015	11	1	960	14	7,830
25	Coffins, burial cases, and undertakers' goods.	3	71,094	15,250	15,962	4,643	35,239	2	3	2,655	14	5,890
26	Confectionery	69	382,934	46,300	37,100	95,819	203,715	77	67	45,396	406	163,847
27	Cooperage	23	178,150	26,000	13,819	50,760	87,571	24	11	14,280	190	66,253
28	Cotton, compressing	45	3,355,732	563,950	930,693	1,702,542	158,547	2	154	126,616	928	321,375
29	Cotton, ginning[1]	3,292	9,282,101	396,407	1,651,768	7,067,493	166,433	4,059	295	38,866	4,295	648,157
30	Cotton goods	4	2,227,184	64,869	378,284	922,991	866,090		21	31,388	984	253,630
31	Dyeing and cleaning	56	66,132	23,770	18,502	13,407	10,453	63	45	7,640	92	27,682
32	Electrical construction and repairs	13	36,645	2,000	2,300	6,220	26,125	17	5	2,810	60	31,230
33	Flavoring extracts	3	26,245			1,070	25,175	2	3	5,200	19	7,910
34	Flouring and grist mill products	289	4,273,490	283,704	994,377	1,452,868	1,542,541	329	185	145,698	705	398,908
35	Food preparations	7	34,160	8,500	5,200	15,270	5,190	12	1	720	19	9,126
36	Foundry and machine shop products	99	2,809,524	285,712	322,430	680,907	1,520,475	104	118	134,916	1,343	728,553

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

BY COUNTIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,450	$844,874	82	$25,134	19	$2,888	$896,816	$44,202	$24,068	$307,290	$21,261	$3,568,712	$3,458,897	$109,815	$5,669,886	157
62	21,835	-------	-------	4	399	7,052	912	958	5,032	150	106,588	102,031	4,557	208,058	158
2	680	-------	-------	1	100	213	36	39	138	-------	2,252	2,074	178	6,761	159
94	28,729	-------	-------	1	100	3,893	407	383	2,853	250	66,842	62,350	4,492	146,268	160
54	29,133	-------	-------	3	300	4,508	1,856	601	2,051	-------	39,209	34,661	4,548	119,244	161
968	471,747	91	26,115	22	2,603	187,936	31,499	8,679	52,195	95,563	961,751	925,028	36,723	2,175,391	162
368	149,520	1	180	5	730	11,585	730	3,511	7,294	-------	568,682	568,099	583	858,630	163
582	251,463	2	330	15	2,455	16,121	84	2,527	13,510	-------	666,165	665,738	427	1,117,417	164
294	85,153	2	900	2	180	20,063	577	929	18,557	-------	261,910	260,168	1,742	587,585	165
8	3,250	-------	-------	-------	-------	1,348	328	127	893	-------	6,664	6,412	252	19,093	166
10	2,962	-------	-------	1	175	1,277	490	130	657	-------	3,583	2,426	1,157	13,000	167
252	76,235	14	4,970	1	75	8,216	1,612	2,785	3,819	-------	174,822	132,060	42,762	369,151	168
133	46,071	8	2,010	3	316	20,263	4,990	1,187	14,081	5	108,916	100,455	8,461	268,046	169
61	19,140	4	780	6	250	4,384	1,023	644	2,717	-------	37,961	35,775	2,186	90,745	170
39	13,965	5	1,850	2	300	3,148	1,017	435	1,691	-------	70,626	68,442	2,184	131,124	171
310	110,661	17	5,780	1	164	27,041	5,534	3,734	17,773	-------	431,074	405,796	25,278	788,258	172
384	168,051	1	240	10	1,019	6,884	2,003	2,082	2,349	450	149,176	138,740	10,436	360,384	173
73	12,184	1	250	1	200	3,327	1,137	363	1,827	-------	16,833	12,817	4,016	66,402	174
32	14,416	2	270	1	300	6,625	1,298	438	4,889	-------	184,840	181,054	3,786	241,308	175
17	7,309	3	350	3	352	3,365	1,070	909	1,386	-------	62,375	60,794	1,581	97,108	176
520	159,691	19	5,385	2	204	46,954	12,452	3,331	21,417	9,754	511,853	489,393	22,460	1,062,337	177
145	30,077	-------	-------	-------	-------	9,128	130	671	8,207	120	29,119	12,454	16,665	113,956	178
120	24,855	11	1,772	7	803	8,237	1,638	1,716	4,883	-------	168,071	161,147	6,924	297,542	179
194	62,460	-------	-------	9	1,348	7,314	824	1,153	5,327	10	209,187	204,795	4,392	378,302	180
19	7,171	-------	-------	1	96	1,562	312	403	847	-------	45,992	44,502	1,490	81,053	181
44	25,094	1	280	1	87	1,987	1,120	298	509	60	25,642	23,993	1,649	71,564	182

SPECIFIED INDUSTRIES: 1900.

44,198	$19,669,733	2,913	$737,363	1,041	$145,259	$6,144,924	$785,554	$525,565	$4,525,380	$308,425	$67,102,769	$64,612,488	$2,490,281	$119,414,982	1
28	10,419	-------	-------	-------	-------	23,928	120	418	3,190	20,200	66,572	65,017	1,555	117,370	2
1	1,000	-------	-------	-------	-------	540	410	100	30	-------	2,354	2,315	39	13,000	3
20	11,516	39	9,452	-------	-------	4,366	2,568	333	1,465	-------	93,170	92,999	171	158,367	4
37	11,580	30	4,380	3	312	8,224	480	800	6,944	-------	154,950	152,962	1,988	299,765	5
61	28,521	-------	-------	9	1,278	13,475	9,477	422	3,576	-------	46,529	45,517	1,012	141,378	6
1,080	457,102	-------	-------	21	2,974	92,759	57,980	11,566	22,409	804	793,186	700,988	92,198	2,822,468	7
127	60,292	2	723	2	310	31,637	25,336	1,414	4,562	325	159,633	158,566	1,067	445,264	8
5	1,630	-------	-------	1	120	745	420	10	315	-------	2,873	2,825	48	7,250	9
62	19,662	4	900	8	1,220	3,446	916	375	2,155	-------	61,488	60,464	1,024	124,049	10
396	205,162	30	9,800	31	5,066	54,582	29,610	3,950	21,022	-------	685,314	657,989	27,325	1,302,615	11
1,532	413,505	-------	-------	47	6,068	47,014	1,715	5,677	38,872	750	234,517	26,739	207,778	1,020,205	12
40	16,940	-------	-------	-------	-------	11,674	440	12	1,196	10,026	80,150	80,150	-------	125,790	13
69	28,176	5	851	4	950	3,230	1,306	341	1,533	50	73,589	73,169	420	159,427	14
1,733	1,035,288	1	120	6	530	151,331	12,529	3,142	19,474	116,186	2,585,963	2,584,316	1,647	4,614,199	15
309	168,315	-------	-------	1	100	22,039	7,604	4,021	10,014	400	197,030	187,568	9,462	555,574	16
6,633	4,004,769	-------	-------	-------	-------	138,838	-------	45,194	77,644	16,000	3,878,536	3,790,560	87,976	8,314,691	17
12	7,520	-------	-------	-------	-------	680	200	275	205	-------	10,238	10,189	49	20,138	18
58	19,990	-------	-------	-------	-------	227	86	6	-------	135	25,687	25,687	-------	53,923	19
18	8,870	-------	-------	-------	-------	1,648	870	232	546	-------	51,454	49,703	1,751	81,017	20
577	328,130	75	22,800	7	1,053	83,641	58,668	2,896	20,977	1,100	474,715	469,129	5,586	1,238,367	21
55	24,161	445	102,233	32	4,208	31,343	4,500	3,401	23,442	-------	346,943	343,025	3,918	616,584	22
-------	-------	313	70,155	8	822	12,614	8,861	583	2,670	500	94,987	94,519	468	240,824	23
14	7,830	-------	-------	-------	-------	2,302	1,230	234	838	-------	43,719	43,016	703	63,646	24
14	5,890	-------	-------	-------	-------	1,432	120	582	730	-------	6,515	5,565	950	18,000	25
255	129,278	137	32,115	14	2,454	39,411	18,911	2,413	18,087	-------	535,376	523,677	11,699	981,604	26
189	66,053	-------	-------	1	200	6,403	1,947	962	3,494	-------	201,706	197,681	4,025	351,908	27
919	320,145	3	500	6	730	186,292	8,869	29,090	136,046	12,287	143,965	76,495	67,470	1,081,212	28
4,292	647,923	-------	-------	3	234	282,644	41,442	51,973	189,221	8	1,573,911	1,328,468	245,443	5,886,923	29
497	164,325	302	64,997	185	24,308	113,156	-------	6,105	107,051	-------	641,341	602,775	38,566	1,199,990	30
45	19,809	39	7,029	8	844	12,144	7,420	422	4,202	100	14,793	11,459	3,334	115,500	31
59	31,154	-------	-------	1	76	4,534	2,755	165	1,614	-------	38,171	37,408	763	97,200	32
17	7,260	2	650	-------	-------	8,350	1,110	214	7,026	-------	35,467	35,467	-------	64,640	33
705	398,908	-------	-------	-------	-------	243,390	4,663	32,774	205,953	-------	10,372,387	10,218,903	153,484	12,338,730	34
17	8,530	2	596	-------	-------	1,833	804	270	759	-------	31,350	29,695	1,655	51,770	35
1,339	727,851	-------	-------	4	702	94,490	11,343	13,778	68,279	1,090	1,181,042	1,132,369	48,673	2,682,426	36

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
37	Fruits and vegetables, canning and preserving.	10	$53,852	$1,575	$14,310	$23,100	$14,867	8	5	$3,430	111	$26,828
38	Furniture, cabinetmaking, repairing, and upholstering.	101	111,262	16,875	26,775	28,377	44,235	111	8	2,330	88	42,546
39	Furniture, factory product	8	145,323	13,734	24,805	22,167	84,617	5	14	12,414	152	60,861
40	Gas, illuminating and heating	11	1,763,597	206,704	127,794	1,311,890	117,209		41	46,037	71	46,166
41	Hairwork	3	2,765			255	2,510	3			1	360
42	Hand stamps	7	16,400			9,100	7,300	8			7	2,880
43	Hats and caps, not including fur hats and wool hats.	3	7,155			1,700	5,455	5	3	1,440	7	3,900
44	Ice, manufactured	77	2,563,888	267,495	545,348	1,581,367	169,678	35	171	124,671	618	305,282
45	Ironwork, architectural and ornamental.	6	109,155	44,750	10,600	27,705	26,100	5	7	6,480	89	42,835
46	Jewelry	6	17,877			7,120	10,757	8	2	780	21	16,302
47	Leather, tanned, curried, and finished	11	24,763	240	2,826	3,016	18,681	12	2	1,300	29	9,216
48	Lime and cement	10	488,605	96,192	172,773	101,929	117,711	7	24	30,945	227	74,790
49	Liquors, distilled	5	24,426	3,125	3,050	5,400	12,851	5			6	1,955
50	Liquors, malt	9	4,439,012	295,635	1,156,821	1,099,179	1,887,377	2	98	180,619	585	354,682
51	Lock and gun smithing	62	45,931	4,610	3,850	21,443	16,028	69	1	720	22	11,048
52	Looking-glass and picture frames	21	23,235			2,485	20,750	19	2	510	18	8,059
53	Lumber and timber products	637	19,161,265	7,287,341	1,020,955	4,562,733	6,290,236	845	388	381,368	7,924	3,094,917
54	Lumber, planing mill products, including sash, doors, and blinds.	76	932,860	98,721	126,484	238,572	469,083	93	62	51,998	657	332,288
55	Marble and stone work	22	116,515	11,625	15,975	19,925	68,990	26	15	10,700	132	119,822
56	Masonry, brick and stone	96	184,037	22,260	16,940	32,624	112,213	115	7	7,800	822	502,406
57	Mattresses and spring beds	30	165,122	15,216	20,620	40,400	88,886	36	8	5,421	154	51,863
58	Millinery, custom work	421	682,951	61,528	103,955	30,619	486,849	415	55	31,049	737	218,210
59	Mineral and soda waters	139	500,909	49,625	48,275	230,231	172,778	137	30	25,400	234	89,822
60	Monuments and tombstones	66	277,289	35,125	11,452	23,902	206,810	88	43	20,440	268	140,002
61	Oil, cottonseed and cake	103	7,986,962	457,027	2,088,043	4,119,546	1,322,346	15	376	375,013	2,478	830,766
62	Optical goods	8	30,775			7,400	23,375	8	6	5,580	11	5,534
63	Painting, house, sign, etc	166	157,584	22,390	16,800	25,860	92,534	195	13	12,012	458	272,386
64	Paints	5	14,975			2,925	12,050	10			13	6,600
65	Patent medicines and compounds	30	179,059	11,750	19,900	12,316	135,093	25	22	26,770	81	29,948
66	Paving and paving materials	10	50,425		1,900	29,000	19,525	9	10	8,220	209	96,435
67	Perfumery and cosmetics	4	5,085			1,830	3,255	5			4	4,200
68	Photography	217	216,768	10,225	16,840	121,556	68,147	234	2	948	115	50,600
69	Pickles, preserves, and sauces	7	47,498	500	3,800	4,105	39,093	6	7	5,900	21	6,055
70	Plastering and stuccowork	24	11,015	650	700	2,185	7,480	27			81	56,935
71	Plumbing, and gas and steam fitting	87	361,555	12,700	18,900	40,024	289,931	99	37	30,058	382	226,619
72	Pottery, terra cotta, and fire-clay products.	28	203,395	36,216	95,743	29,956	41,480	31	7	6,900	280	77,423
73	Printing and publishing, book and job	118	827,095	14,750	9,475	523,059	279,811	144	67	59,029	718	382,151
74	Printing and publishing, newspapers and periodicals.	654	2,479,073	110,038	266,930	1,364,515	737,590	775	263	275,910	1,829	916,029
75	Roofing and roofing materials	22	104,761	33,800	9,006	14,710	47,245	24	6	5,920	111	49,050
76	Saddlery and harness	359	2,757,700	200,137	344,951	182,784	2,029,828	407	108	92,410	1,093	504,221
77	Salt	3	327,036	54,493	115,876	80,000	76,667		11	17,070	191	66,079
78	Sausage	3	8,750			6,650	2,100	3			7	2,800
79	Sewing machine repairing	8	1,540			600	940	7			2	1,100
80	Ship and boat building, wooden	7	10,930	270	2,850	2,335	5,475	10			33	19,815
81	Shirts	7	13,575			3,775	9,800	10	3	4,500	67	19,638
82	Show cases	4	30,679			3,950	26,729	4	2	300	34	18,047
83	Slaughtering and meat packing, wholesale.	12	1,232,267	53,871	244,329	222,952	711,115	6	49	61,797	414	179,505
84	Soap and candles	7	71,944	19,920	9,250	11,668	31,106	6	5	1,565	33	13,394
85	Sugar and molasses, refining	44	1,015,653	3,405	118,390	720,845	173,013	46	11	7,445	159	42,344
86	Tinsmithing, coppersmithing, and sheet-iron working.	344	690,276	88,914	118,668	165,365	317,329	392	28	22,090	616	321,055
87	Tobacco, cigars and cigarettes	79	227,175	18,540	16,575	11,660	180,400	94	22	17,590	303	133,353
88	Trunks and valises	5	50,975	2,500	2,500	9,475	36,500	4	5	4,720	43	21,272
89	Watch, clock, and jewelry repairing	298	306,921	28,375	29,603	108,347	140,596	311	5	2,577	158	102,433
90	Wirework, including wire rope and cable.	5	22,050	550	600	1,674	19,226	4	3	400	6	2,528
91	Wood, preserving	4	418,291	48,687	133,089	99,250	137,315		19	16,640	204	88,828
92	Wood, turned and carved	13	31,565	1,490	4,680	19,065	6,330	15	1	600	23	10,406
93	Woolen goods	3	285,663	18,250	54,150	112,792	100,471	1	10	15,763	134	40,674
94	All other industries[1]	74	5,809,763	199,781	1,536,836	2,214,610	1,858,536	78	113	142,069	1,820	617,103

[1] Embraces ammunition, 1; bookbinding and blank book making, 1; boot and shoe uppers, 2; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; carpets, rag, 2; carpets, wood, 1; carriage and wagon materials, 2; china decorating, 1; clothing, women's, factory product, 1; combs, 1; cordage and twine, 1; dentists' materials, 1; electrical apparatus and supplies, 1; electroplating, 2; engraving and diesinking, 2; engraving, steel, including plate printing, 2; fancy articles, not elsewhere specified, 1; fertilizers, 2; fireworks, 1; fish, canning and preserving, 1; furs, dressed, 2; gas machines and meters, 2; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; iron and steel, 2; ivory and bone work, 1; jute and jute goods, 1; lamps and reflectors, 1; lard, refined, 1; lead,

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
22	$9,157	63	$14,832	26	$2,839	$1,245	$440	$124	$681	----------	$85,275	$84,268	$1,007	$151,104	37
84	41,451	8	970	1	125	13,887	9,498	1,102	3,112	$125	81,341	80,384	957	222,937	38
139	57,942	3	819	10	2,100	10,089	1,830	748	7,511	----------	77,632	74,757	2,875	185,285	39
71	46,166	----------	----------	----------	----------	56,080	150	17,190	38,740	----------	94,180	85,212	8,968	379,613	40
----------	----------	1	360	----------	----------	659	564	45	50	----------	1,538	1,490	48	3,750	41
6	2,620	1	260	----------	----------	2,545	1,644	66	835	----------	6,800	6,685	115	24,105	42
4	2,912	2	832	1	156	1,518	1,156	60	302	----------	7,614	7,568	46	20,432	43
607	303,682	1	500	10	1,100	132,435	5,209	22,334	104,892	----------	320,381	116,170	204,211	1,184,332	44
89	42,835	----------	----------	----------	----------	3,432	135	1,002	2,295	----------	56,960	54,120	2,840	135,800	45
20	15,782	1	520	----------	----------	3,599	1,732	58	1,749	60	28,968	28,365	603	68,530	46
25	8,638	1	50	3	528	1,158	469	108	581	----------	52,207	51,964	243	76,508	47
226	74,390	1	400	----------	----------	52,836	800	2,833	48,407	796	74,959	38,847	36,112	282,896	48
6	1,955	----------	----------	----------	----------	10,814	----------	71	10,743	----------	4,446	3,336	1,110	20,657	49
555	349,351	6	471	24	4,860	1,210,381	2,120	28,107	1,180,154	----------	646,794	514,407	132,387	2,689,606	50
21	10,840	1	208	----------	----------	6,816	5,211	300	1,305	----------	18,054	17,388	666	74,011	51
15	7,450	----------	----------	3	609	3,840	2,672	343	825	----------	20,488	20,442	46	41,965	52
7,883	3,087,398	3	296	38	7,223	368,437	5,114	70,168	293,155	----------	9,668,343	9,666,863	1,480	16,296,473	53
651	331,104	----------	----------	6	1,184	40,632	9,314	5,831	25,227	260	900,302	890,929	9,373	1,605,297	54
132	119,822	----------	----------	----------	----------	5,805	1,472	665	3,668	----------	116,274	114,079	2,195	374,267	55
822	502,406	----------	----------	----------	----------	28,057	1,666	907	8,738	16,746	1,012,891	1,012,041	850	1,891,253	56
124	45,837	20	4,519	10	1,507	10,074	2,105	864	7,105	----------	170,104	166,588	3,516	312,429	57
3	3,100	726	214,163	8	977	86,478	54,750	5,198	26,530	----------	814,554	813,088	1,466	1,494,968	58
215	86,578	1	208	18	3,036	51,410	11,812	3,123	36,175	300	223,676	218,038	5,638	646,420	59
260	139,522	----------	----------	3	480	11,028	3,414	1,919	5,610	85	227,899	226,161	1,738	570,131	60
2,464	826,311	13	4,230	1	225	550,225	2,635	50,743	495,634	1,213	10,372,753	10,039,566	333,187	14,005,324	61
11	5,584	----------	----------	----------	----------	6,099	3,180	326	2,593	----------	27,061	26,596	465	77,550	62
453	271,181	1	480	4	725	24,530	13,499	1,047	9,634	350	301,989	301,756	233	849,079	63
13	6,600	----------	----------	----------	----------	2,760	1,240	86	1,434	----------	22,032	21,708	324	39,830	64
50	23,336	27	5,938	4	669	50,369	4,061	1,702	44,356	250	112,133	111,364	769	343,769	65
209	96,435	----------	----------	----------	----------	5,132	452	118	4,562	----------	143,210	141,112	2,098	293,720	66
3	3,600	1	600	----------	----------	1,821	553	210	908	150	6,828	6,768	60	16,468	67
88	43,701	25	6,747	2	152	43,852	28,249	3,780	11,063	760	116,880	116,000	880	427,401	68
13	5,231	3	384	5	440	4,918	1,080	102	3,736	----------	34,887	34,506	381	75,006	69
81	56,935	----------	----------	----------	----------	3,011	930	24	2,057	----------	61,534	61,534	----------	162,940	70
372	224,111	1	480	9	2,028	45,325	21,817	2,985	16,673	3,850	477,551	473,554	3,997	945,462	71
279	77,324	----------	----------	1	99	12,294	580	1,043	10,401	270	43,876	15,031	28,845	192,061	72
579	347,134	106	30,497	33	4,520	111,863	35,194	5,125	35,487	36,057	334,886	322,066	12,820	1,189,700	73
1,458	852,564	99	29,899	277	33,566	391,325	67,211	15,796	243,115	65,203	631,382	599,741	31,641	3,387,410	74
108	49,106	----------	----------	3	544	8,450	2,032	928	5,390	100	121,105	120,327	778	234,332	75
1,039	495,276	34	6,080	20	2,865	153,769	55,983	18,785	78,577	424	2,066,243	2,060,408	5,835	3,420,790	76
179	61,929	12	4,150	----------	----------	6,255	----------	2,235	4,020	----------	141,342	100,943	40,399	256,900	77
6	2,500	1	300	----------	----------	1,133	1,094	14	25	----------	12,090	10,885	1,205	20,000	78
2	1,100	----------	----------	----------	----------	1,009	990	14	5	----------	1,737	1,727	10	6,950	79
33	19,815	----------	----------	----------	----------	1,150	841	9	----------	300	90,845	90,795	50	126,446	80
5	2,800	62	16,838	----------	----------	3,054	1,910	52	1,092	----------	33,077	32,795	282	71,738	81
34	18,047	----------	----------	----------	----------	4,946	1,900	26	3,020	----------	31,969	31,669	300	61,654	82
394	173,438	19	5,867	1	200	66,749	5,120	5,070	56,559	----------	3,170,586	3,116,578	53,958	3,904,491	83
30	12,744	3	650	----------	----------	3,996	1,530	647	1,819	----------	77,119	75,854	1,265	113,172	84
154	41,845	8	331	2	168	40,118	----------	4,093	35,925	100	233,343	200,063	33,280	367,078	85
605	319,345	----------	----------	11	1,710	57,646	30,724	5,113	21,359	450	725,601	714,159	11,442	1,508,560	86
212	116,035	59	12,894	32	4,424	70,666	7,117	974	62,575	----------	203,206	202,747	459	525,959	87
43	21,272	----------	----------	----------	----------	3,775	2,380	258	1,137	----------	8,463	7,860	603	86,369	88
151	101,324	4	817	3	292	46,514	34,958	2,435	8,755	366	95,320	93,848	1,472	462,518	89
6	2,528	----------	----------	----------	----------	1,399	237	30	1,083	49	5,989	5,972	17	11,051	90
204	88,828	----------	----------	----------	----------	15,009	----------	2,609	12,400	----------	1,070,029	1,030,746	39,283	1,352,870	91
23	10,406	----------	----------	----------	----------	1,114	209	140	565	200	12,927	12,173	754	33,996	92
76	29,066	34	8,388	24	3,220	17,428	----------	1,528	15,900	----------	117,327	114,583	2,744	196,340	93
1,631	573,890	143	35,084	46	8,129	539,653	9,861	10,202	519,590	----------	6,546,198	6,106,490	439,708	8,494,470	94

smelting and refining, 1; leather goods, 1; liquors, vinous, 2; lithographing and engraving, 1; mantels, slate, marble, and marbleized, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; oleomargarine, 1; paper and wood pulp, 2; paper hanging, 1; petroleum, refining, 1; photolithographing and photoengraving, 1; printing materials, 2; refrigerators, 1; rice, cleaning and polishing, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 1; stereotyping and electrotyping, 1; taxidermy, 2; tools, not elsewhere specified, 1; typewriter repairing, 1; vinegar and cider, 2; washing machines and clothes wringers, 2; window shades, 2.

TABLE 8.—MANUFACTURES IN CITIES

AUSTIN.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	279	$825,293	$51,088	$84,496	$343,340	$346,369	298	60	$47,590	967	$471,818
2	Blacksmithing and wheelwrighting	37	22,496	7,780	5,857	4,870	3,989	43			39	15,821
3	Boots and shoes, custom work and repairing.	15	3,670	150	700	2,085	735	14			5	2,875
4	Bread and other bakery products	12	6,670	425	1,170	2,525	2,550	12			19	8,257
5	Carpentering	34	25,646	2,465	2,349	5,337	15,395	35			109	56,091
6	Carriages and wagons	3	6,554			1,265	5,289	4			12	5,900
7	Clothing, men's, custom work and repairing.	15	8,770			1,940	6,830	15			21	8,673
8	Coffee and spice, roasting and grinding	5	5,225	500	250	1,375	3,100	8			2	975
9	Confectionery	3	12,750			10,800	1,950	2	1	480	10	3,820
10	Flouring and grist mill products	3	3,450	200	200	1,000	2,050	4			2	1,170
11	Foundry and machine shop products	4	75,265	1,450	5,950	23,700	44,165	5	10	3,275	31	15,550
12	Furniture, cabinetmaking, repairing, and upholstering.	9	9,000	125	350	1,905	6,620	10			15	6,415
13	Lock and gun smithing	5	2,858	50	25	1,668	1,115	7	1	720	6	3,490
14	Looking-glass and picture frames	3	1,260			210	1,050	1	1	150	3	1,300
15	Masonry, brick and stone	9	14,670	450	970	4,015	9,235	10			114	62,105
16	Mattresses and spring beds	5	7,484			5,492	1,992	5	1	700	14	3,156
17	Millinery, custom work	7	16,468	100	350	1,202	14,816	8	1	300	52	17,958
18	Painting, house, sign, etc	11	1,635	50	50	880	655	12			21	11,412
19	Photography	6	15,225	1,000	425	7,250	6,550	6			5	2,497
20	Plastering and stuccowork	5	1,087	100	50	452	485	5			5	1,625
21	Plumbing, and gas and steam fitting	7	19,575			3,400	16,175	8	1	1,000	20	10,275
22	Printing and publishing, book and job	5	82,200			63,300	18,900	9			94	60,275
23	Printing and publishing, newspapers and periodicals.	15	74,370	10,343	900	30,134	32,993	11	17	12,010	55	37,850
24	Roofing and roofing materials	3	9,200			3,400	5,800	8			20	8,000
25	Tinsmithing, coppersmithing, and sheet-iron working.	5	4,500			1,875	2,625	5			7	4,704
26	Tobacco, cigars and cigarettes	4	4,360	200	400	510	3,250	4			4	2,350
27	Watch, clock, and jewelry repairing	9	7,810			3,510	4,300	8	1	240	10	6,640
28	All other industries[1]	40	383,195	25,700	64,500	159,240	133,755	44	26	28,715	272	112,634

[1] Embraces bicycle and tricycle repairing, 2; brick and tile, 1; bridges, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 2; clothing, men's, factory product, 1; cotton, compressing, 1; cotton, ginning, 1; dentists' materials, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; hairwork, 1; hand stamps, 1; ice, manufactured, 2; ironwork, architectural and ornamental, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mantels, slate,

DALLAS.

1	All industries	373	$6,897,015	$419,074	$845,097	$1,757,153	$3,875,691	386	540	$547,271	8,756	$1,852,485
2	Awnings, tents, and sails	4	36,405	2,300	4,000	8,105	22,000	3	2	2,700	34	10,320
3	Bicycle and tricycle repairing	4	5,100			2,200	2,900	3			6	2,350
4	Blacksmithing and wheelwrighting	49	33,160	10,500	3,700	8,680	10,280	46			58	33,180
5	Boots and shoes, custom work and repairing.	20	8,405	1,600	750	3,750	2,305	20			9	4,190
6	Bread and other bakery products	7	26,815	7,000	5,000	7,440	7,375	9			27	15,278
7	Brooms and brushes	3	3,415			1,615	1,800	6			13	5,200
8	Carpentering	15	48,400			5,400	43,000	18	1	2,500	176	93,638
9	Carriages and wagons	3	18,150	5,000	5,550	1,800	5,800	3			19	13,560
10	Clothing, men's, custom work and repairing.	17	42,440			3,240	39,200	18	3	1,768	81	57,922
11	Clothing, women's, dressmaking	4	38,885			1,885	37,000	3	9	5,600	76	18,600
12	Confectionery	4	11,975			4,725	7,250	7	6	1,820	17	6,827
13	Dyeing and cleaning	3	18,700	4,400	12,000	1,700	600	4	1	800	9	4,135
14	Electrical construction and repairs	3	4,300			2,300	2,000	4			16	8,090
15	Foundry and machine shop products	8	916,064	25,900	49,776	67,276	773,112	6	26	35,757	265	135,900
16	Furniture, cabinetmaking, repairing, and upholstering.	5	1,760			825	935	6			3	1,560
17	Ice, manufactured	3	371,000	27,000	81,500	247,000	15,500		52	26,400	68	27,700
18	Lock and gun smithing	4	3,300			2,050	1,250	4			3	1,928
19	Lumber, planing mill products, including sash, doors, and blinds.	4	60,878	4,900	7,000	15,478	33,500	3	6	5,648	84	58,188
20	Marble and stone work	3	33,850	3,025	1,125	10,000	19,700	3	4	6,000	72	72,000
21	Masonry, brick and stone	8	20,475			12,425	8,050	12	1	900	116	99,524
22	Millinery, custom work	5	20,225			1,725	18,500	6	10	6,750	32	12,670
23	Mineral and soda waters	6	83,700	2,500	1,500	5,800	73,900	5	14	13,800	19	10,656
24	Monuments and tombstones	3	24,950	7,000	250	700	17,000	2	4	3,300	15	8,000
25	Painting, house, sign, etc	10	35,250	8,000	4,200	4,500	18,550	10	3	4,300	69	45,190
26	Patent medicines and compounds	7	46,825	8,000	6,500	2,725	29,600	6	7	9,900	36	13,280
27	Photography	7	11,685		360	6,800	4,525	7			10	5,292
28	Plumbing, and gas and steam fitting	11	38,100	3,500	3,500	3,300	27,800	13	3	1,520	44	27,760
29	Printing and publishing, book and job	20	207,207			152,047	55,160	25	21	16,080	145	78,226
30	Printing and publishing, newspapers and periodicals.	22	388,852	15,000	60,000	117,770	190,582	16	107	122,196	139	119,526
31	Roofing and roofing materials	4	13,100	5,000	1,000	2,100	5,000	4			24	15,420

BY SPECIFIED INDUSTRIES: 1900.

AUSTIN.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
854	$443,100	91	$26,115	22	$2,603	$152,199	$30,055	$7,284	$47,801	$67,059	$896,750	$871,400	$25,350	$1,921,853	1
38	15,737			1	84	2,822	2,335	304	83	100	17,246	16,053	1,193	63,121	2
5	2,875					1,125	1,040	25	60		5,134	5,111	23	16,195	3
17	7,907			2	350	1,869	1,715	107	47		24,497	23,359	1,138	47,950	4
109	56,091					40,053	827	128	1,764	37,334	154,753	154,753		281,636	5
12	5,900					1,459	1,380	45	34		7,260	6,995	265	19,660	6
16	7,573	5	1,100			2,717	2,551	115	51		18,478	18,384	139	36,820	7
2	975					275	205	60	10		12,048	11,845	203	15,315	8
9	3,440	1	380			1,532	730	50	752		10,892	10,137	695	20,063	9
2	1,170					539	350	35	154		26,352	25,677	675	31,344	10
31	15,550					3,263	200	328	2,435	300	24,818	22,921	1,897	62,159	11
14	6,115	1	300			1,240	1,085	60	95		5,465	5,465		20,470	12
6	3,490					496	420	28	48		2,506	2,427	79	11,103	13
2	1,060			1	240	385	312	48	25		2,640	2,640		5,615	14
114	62,105					4,987	7	35	870	4,075	98,654	98,604	50	181,828	15
9	2,545	2	298	3	313	1,365	570	28	767		9,013	8,919	94	17,042	16
		52	17,958			1,791	1,495	175	121		39,430	39,430		67,649	17
21	11,412					557	535	14	8		11,662	11,662		35,236	18
3	2,150	1	275	1	72	1,249	849	157	243		4,883	4,883		16,107	19
5	1,625					224	216	2	6		3,550	3,550		8,035	20
20	10,275					5,762	1,231	246	1,385	2,900	33,019	32,827	192	71,675	21
89	58,525	5	1,750			6,006	2,476	640	2,855	35	29,854	28,596	1,258	115,880	22
47	36,662	3	482	5	706	27,131	2,139	470	12,233	12,289	12,657	11,777	880	105,530	23
20	8,000					772	480	255	37		20,900	20,700	200	36,635	24
7	4,704					868	660	51	157		10,225	10,045	180	19,558	25
4	2,350					1,373	170	17	1,186		4,457	4,457		11,426	26
9	6,340	1	300			1,353	1,188	144	21		4,877	4,835	42	20,088	27
243	108,524	20	3,272	9	838	40,986	4,889	3,717	22,351	10,026	306,545	290,398	16,147	583,813	28

marble, and marbleized, 1; marble and stone work, 2; mineral and soda waters, 1; monuments and tombstones, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; oil, cottonseed and cake, 1; optical goods, 1; patent medicines and compounds, 2; photolithographing and photoengraving, 1; saddlery and harness, 2; soap and candles, 1; trunks and valises, 1.

DALLAS.

2,947	$1,666,150	618	$157,169	191	$29,166	$665,954	$98,388	$38,631	$451,747	$77,188	$6,270,870	$6,137,509	$133,361	$11,480,499	1
8	5,116	26	5,204			2,301	1,380	231	690		66,156	66,070	86	103,600	2
6	2,350					1,320	850	30	440		2,854	2,709	145	8,450	3
57	33,060			1	120	7,885	5,048	264	2,573		34,916	32,709	2,207	118,340	4
7	8,880			2	310	2,985	2,454	26	505		11,453	11,387	66	32,707	5
25	14,774	1	360	1	144	3,815	2,210	182	1,423		43,824	42,259	1,565	94,590	6
11	4,600			2	600	867	410	32	425		11,945	11,875	70	26,500	7
176	93,638					24,756	1,886	25	3,345	20,000	247,763	247,715	48	477,900	8
19	13,560					1,263	690	108	465		11,545	11,300	245	33,600	9
79	57,097	1	700	1	125	9,806	7,068	283	2,455		49,265	48,780	485	142,570	10
		72	18,000	4	600	3,700	2,420	250	1,030		55,150	55,150		85,500	11
11	5,622	6	1,205			2,727	2,090	75	562		11,473	10,915	558	30,300	12
7	3,770	2	365			2,110	900	160	1,050		1,670	1,325	345	14,500	13
16	8,090					1,370	720		650		8,970	8,495	475	23,000	14
265	135,900					24,950	2,016	2,194	20,740		316,030	312,751	3,279	672,720	15
3	1,560					1,027	672		355		4,090	4,090		11,100	16
68	27,700					14,511		3,411	11,100		47,275	15,875	31,400	149,800	17
2	1,720	1	208			1,001	690	9	305		2,126	2,027	99	7,200	18
84	58,188					6,006	1,680	523	3,803		81,789	80,900	889	175,435	19
72	72,000					2,108	120	78	1,910		44,825	43,225	1,600	196,000	20
116	99,524					2,659	360	114	2,185		141,635	141,535	100	330,000	21
		32	12,670			9,144	5,965	6	3,173		58,800	58,800		115,500	22
16	9,872	1	208	2	576	10,891	2,041	350	8,500		57,580	56,535	1,045	136,200	23
15	8,090					740	370	180	190		18,750	18,750		43,000	24
68	44,950			1	240	6,441	3,234	237	2,970		50,243	50,225	18	137,800	25
23	11,060	13	2,220			10,465	1,148	1,037	8,280		48,950	48,825	125	137,800	26
8	4,464	2	828			3,099	1,940	103	1,056		4,830	4,800	30	22,100	27
43	27,640			1	120	4,824	2,688	188	1,998		56,186	55,225	961	115,300	28
117	70,772	24	6,850	4	604	27,870	8,928	1,018	15,724	2,200	74,247	70,993	3,254	284,178	29
126	115,420	7	3,408	6	698	95,294	5,652	2,491	52,363	34,788	163,263	158,034	5,229	681,136	30
24	15,420					2,719	390	79	2,250		31,498	31,375	123	66,000	31

DALLAS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Saddlery and harness	13	$1,189,950	$97,000	$126,766	$46,825	$919,359	16	70	$63,380	383	$173,382
33	Shirts	3	5,600			2,600	3,000	3	3	4,500	36	7,938
34	Tinsmithing, coppersmithing, and sheet-iron working.	10	54,855	9,739	4,800	10,785	29,581	11	4	7,200	48	29,420
35	Tobacco, cigars and cigarettes	9	20,550	275	200	2,275	17,800	15	11	4,750	76	26,342
36	Watch, clock, and jewelry repairing	19	20,920			9,175	11,745	22			27	20,142
37	All other industries[1]	62	3,037,269	171,435	465,620	980,182	1,420,032	47	172	199,702	1,501	589,061

[1] Embraces agricultural implements, 1; artificial limbs, 1; baking and yeast powders, 2; bookbinding and blank book making, 1; boot and shoe uppers, 1; bottling, 1; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brick and tile, 2; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 2; cooperage, 2; cotton goods, 1; electrical apparatus and supplies, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 1; ironwork, architectural and ornamental, 1; jewelry, 2; leather, tanned, curried, and finished, 1;

FORT WORTH.

1	All industries	209	$2,668,045	$205,014	$509,469	$805,858	$1,147,704	234	131	$145,904	1,449	$845,477
2	Bicycle and tricycle repairing	4	3,040			1,550	1,490	4			9	3,650
3	Blacksmithing and wheelwrighting	24	8,723	1,600	1,330	2,555	3,238	28			25	12,279
4	Boots and shoes, custom work and repairing.	13	2,459		75	559	1,825	13			3	1,224
5	Bread and other bakery products	6	48,325	5,000	10,000	8,000	25,325	6	1	2,100	65	40,940
6	Carpentering	11	42,810	2,900	2,225	3,725	33,960	11			95	61,606
7	Carriages and wagons	6	73,475	19,000	32,500	3,125	18,850	6			34	19,656
8	Cars and general shop construction and repairs by steam railroad companies.	4	121,186	11,903	49,585	28,957	30,741		18	16,583	239	142,220
9	Clothing, men's, custom work and repairing.	8	12,515			1,690	10,825	9	2	780	23	19,686
10	Clothing, women's, dressmaking	5	3,566	1,600	900	794	272	5			23	5,841
11	Dyeing and cleaning	4	1,650			500	1,150	6				
12	Flouring and grist mill products	3	578,409	30,000	147,863	162,799	237,747	3	11	14,780	74	56,540
13	Foundry and machine shop products	4	89,469	14,500	11,786	31,083	32,100	7	4	3,960	69	35,348
14	Furniture, cabinetmaking, repairing, and upholstering.	10	13,955			1,791	12,164	13	2	1,830	12	5,726
15	Ice, manufactured	3	155,500	16,000	46,000	79,500	14,000	1	7	11,400	49	29,800
16	Marble and stone work	3	25,650	2,000	10,500	4,550	8,600	4			13	15,368
17	Masonry, brick and stone	5	20,350	100	200	1,825	18,725	5			88	60,200
18	Millinery, custom work	5	8,475			375	8,100	9			13	4,410
19	Mineral and soda waters	3	18,800		1,800	9,000	8,000	3			14	3,612
20	Painting, house, sign, etc	6	14,585	1,045	3,500	1,425	8,615	10	1	1,200	36	21,997
21	Photography	6	8,205			4,625	3,580	6			6	2,880
22	Plumbing, and gas and steam fitting	8	39,325	3,000	3,000	1,750	31,575	9	2	1,800	38	21,665
23	Printing and publishing, book and job	7	60,793			33,140	27,653	7	11	10,339	50	23,993
24	Printing and publishing, newspapers and periodicals.	4	37,525			30,100	7,425	14	2	3,600	45	33,384
25	Saddlery and harness	6	32,020			2,070	29,950	7	3	1,680	17	11,713
26	Tinsmithing, coppersmithing, and sheet-iron working.	10	21,002	4,500	2,000	3,532	10,970	12	2	720	31	20,548
27	Tobacco, cigars and cigarettes	3	26,817			750	26,067	4			38	22,434
28	Watch, clock, and jewelry repairing	10	10,500			7,100	3,400	11			10	5,140
29	All other industries[1]	28	1,188,916	91,866	186,205	379,488	531,357	21	65	75,132	330	173,617

[1] Embraces brass castings and brass finishing, 1; confectionery, 1; cooperage, 2; furniture, factory product, 1; gas, illuminating and heating, 1; gas machines and meters, 1; hand stamps, 2; leather goods, 1; lime and cement, 1; liquors, malt, 1; looking-glass and picture frames, 2; lumber, planing mill products, including

GALVESTON.

1	All industries	295	$6,073,845	$983,243	$1,287,357	$2,016,847	$1,786,398	315	153	$183,996	2,058	$981,827
2	Bicycle and tricycle repairing	8	10,995		20	2,875	8,100	10			14	6,068
3	Blacksmithing and wheelwrighting	15	8,535	650	1,190	3,250	3,445	17			15	5,473
4	Boots and shoes, custom work and repairing.	14	5,625		250	3,135	2,240	14			6	2,325
5	Bread and other bakery products	24	129,669	12,300	12,975	74,933	29,461	24	11	9,440	89	35,617
6	Carpentering	31	47,765	10,050	6,050	9,550	22,115	40	1	900	177	104,475
7	Carriages and wagons	5	38,425	11,000	12,500	5,400	9,525	6	4	4,400	32	20,820
8	Clothing, men's, custom work and repairing.	23	22,687			3,935	18,752	27	2	750	60	34,271
9	Clothing, men's, factory product	3	33,800	3,000	12,000	4,300	14,500	3	1	1,000	55	14,013
10	Confectionery	6	19,177			8,110	11,067	8			25	8,805
11	Cooperage	3	1,785			475	1,310	4			7	2,340
12	Cotton, compressing	4	717,904	285,000	255,000	160,000	17,904		12	16,148	82	41,628
13	Flouring and grist mill products	4	732,207	65,300	182,824	154,396	329,687	6	9	11,040	69	34,131
14	Foundry and machine shop products	6	109,350	13,000	12,750	39,500	44,100	6	3	3,200	53	36,868
15	Lock and gun smithing	4	5,910	1,200	300	875	3,535	4			1	480
16	Lumber, planing mill products, including sash, doors, and blinds.	6	144,232	40,500	22,560	25,506	55,666	4	2	2,460	54	42,637

BY SPECIFIED INDUSTRIES: 1900—Continued.

DALLAS—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
372	$171,182	10	$2,080	1	$120	$37,488	$9,021	$7,870	$20,597		$684,678	$682,242	$2,436	$1,076,700	32
		36	7,938			1,662	1,020	32	610		14,129	13,985	144	34,000	33
48	29,420					8,835	2,211	239	6,385		48,322	47,744	578	127,674	34
28	18,775	31	5,150	17	2,417	14,446	1,520	75	12,851		42,203	42,165	38	108,850	35
26	20,042			1	100	6,264	4,010	83	1,971	$200	13,853	13,696	157	64,500	36
1,001	476,894	353	89,775	147	22,392	308,602	15,136	16,648	256,818	20,000	3,708,584	3,633,028	75,561	5,595,949	37

lime and cement, 1; liquors, malt, 1; lithographing and engraving, 1; looking-glass and picture frames, 1; mattresses and spring beds, 1; oil, cottonseed and cake, 2; optical goods, 2; paints, 2; paving and paving materials, 2; perfumery and cosmetics, 2; pickles, preserves, and sauces, 2; plastering and stuccowork, 2; printing materials, 1; show cases, 1; slaughtering and meat packing, wholesale, 2; stereotyping and electrotyping, 1; tools, not elsewhere specified, 1; trunks and valises, 1; typewriter repairing, 1; wirework, including wire rope and cable, 1.

FORT WORTH.

1,349	$817,555	82	$25,134	18	$2,788	$392,377	$42,721	$23,363	$305,032	$21,261	$3,348,550	$3,248,310	$100,240	$5,332,804	1
8	3,550			1	100	385	325		60		3,060	2,935	125	10,223	2
25	12,279					2,687	2,255	175	257		11,968	10,584	1,384	47,674	3
8	1,224					1,889	1,391	100	98	300	5,406	5,346	60	14,865	4
51	36,060	14	4,880			6,716	2,890	662	3,164		108,762	105,238	3,524	187,963	5
95	61,606					20,062	402	82	2,290	17,288	114,178	113,811	367	224,125	6
34	19,656					3,065	420	950	1,590	105	23,017	22,095	922	57,071	7
239	142,220					6,542		1,399	5,143		157,847	153,078	4,769	323,193	8
23	19,686					4,512	3,796	228	488		23,060	22,985	75	64,745	9
		23	5,841			915	527	29	359		951	941	10	10,966	10
						1,318	588	12	718		1,313	1,017	296	9,554	11
74	56,540					27,731	120	3,506	24,105		1,866,000	1,346,618	19,382	1,539,128	12
69	35,348					6,123	462	1,166	3,820	675	30,098	28,403	1,695	101,088	13
12	5,726					3,980	2,880	148	952		11,258	11,221	37	35,950	14
48	29,300	1	500			9,387		1,917	7,470		20,050	2,400	17,650	81,000	15
13	15,368					627	100	150	377		18,550	18,115	435	54,600	16
88	50,200					1,540		60	480	1,000	63,060	63,060		133,068	17
		13	4,410			2,990	2,520	120	350		16,515	16,505	10	33,050	18
13	3,560			1	52	2,713	390	113	2,210		4,575	4,455	120	21,545	19
86	21,997					1,526	615	170	491	250	13,755	13,696	59	50,012	20
6	2,880					2,406	1,660	157	589		5,836	5,756	80	17,180	21
35	20,865	1	480	2	320	3,956	2,045	388	1,523		37,073	36,831	242	77,106	22
36	19,856	10	3,577	4	560	9,380	3,004	418	5,908	50	29,087	27,481	1,606	85,224	23
45	33,384					7,250	1,720	480	3,556	1,544	15,119	13,685	1,434	82,104	24
17	11,713					3,225	2,268	518	439		55,616	55,586	30	101,752	25
31	20,548					2,463	1,768	294	401		47,228	46,901	327	89,224	26
30	20,104	6	2,028	2	302	6,402	480	47	5,875		17,927	17,897	30	61,533	27
10	5,140					1,908	1,700	40	168		4,008	3,830	178	19,205	28
308	168,745	14	3,418	8	1,454	250,679	8,395	10,084	232,151	49	1,143,233	1,097,840	45,393	1,799,656	29

sash, doors, and blinds, 1; mattresses and spring beds, 2; optical goods, 1; paper hanging, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; roofing and roofing materials, 2; sewing machine repairing, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; wirework, including wire rope and cable, 1.

GALVESTON.

1,593	$881,024	333	$78,206	132	$22,597	$477,229	$66,758	$43,760	$348,329	$18,387	$2,618,996	$2,528,432	$90,564	$5,016,360	1
12	5,560			2	508	3,401	2,502	76	823		11,505	11,478	27	28,708	2
9	4,282			6	1,191	1,934	1,553	74	307		9,083	8,028	1,055	34,469	3
6	2,325					1,711	1,572	6	133		5,137	5,127	10	15,803	4
63	30,416	7	2,180	14	3,021	11,952	6,700	707	4,545		144,109	138,966	5,143	267,664	5
177	104,475					8,330	2,340	428	912	4,650	204,100	204,040	60	362,377	6
32	20,820					1,913	480	553	880		20,166	19,497	669	59,090	7
55	32,871	5	1,400			7,625	6,108	96	1,276	150	41,501	41,124	377	113,526	8
5	3,225	49	10,580	1	208	1,270	360	470	440		22,428	21,778	650	49,170	9
19	7,355	1	150	5	1,300	2,123	1,713	90	320		35,886	35,016	870	61,865	10
6	2,140			1	200	659	564	10	85		3,235	3,235		11,095	11
82	41,628					50,601	8,000	8,377	23,037	11,187	12,211	5,950	6,261	141,893	12
69	34,131					40,551	1,100	5,556	33,895		851,361	836,272	15,089	976,953	13
53	36,868					3,129	1,260	729	1,140		44,222	41,999	2,223	111,160	14
1	480					651	507	50	94		678	668	10	3,910	15
53	42,313			1	324	5,764	2,582	862	2,320		63,549	63,064	485	138,205	16

GALVESTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Masonry, brick and stone	6	$14,890	$3,600	$2,600	$1,890	$6,800	8			46	$27,440
18	Millinery, custom work	4	33,310	10,000	7,000	810	15,500	3	1	$720	18	6,878
19	Mineral and soda waters	3	9,950	2,200	2,000	3,600	2,150	2	1	600	6	3,230
20	Painting, house, sign, etc	12	11,099			2,645	8,454	14			45	27,250
21	Photography	7	14,600	1,000	1,250	7,150	5,200	6			10	3,920
22	Plastering and stuccowork	7	703			458	245	8			13	9,281
23	Plumbing, and gas and steam fitting	10	41,270	600	1,500	4,095	35,075	12	5	5,472	38	20,714
24	Printing and publishing, book and job	7	48,725	350	400	29,360	18,615	10	7	6,810	36	16,510
25	Printing and publishing, newspapers and periodicals.	6	196,825	15,000	60,000	88,400	33,425	7	30	41,550	72	74,728
26	Roofing and roofing materials	6	72,961	27,100	6,456	6,060	33,345	5	6	5,920	37	18,800
27	Saddlery and harness	5	14,750			990	13,760	5			7	3,820
28	Tinsmithing, coppersmithing, and sheet-iron working.	15	15,332	2,250	800	6,292	6,490	17	2	2,070	29	13,160
29	Tobacco, cigars and cigarettes	3	6,130	2,000	2,075	280	1,775	4			3	1,075
30	Watch, clock, and jewelry repairing	10	22,935	7,800	5,000	6,866	3,269	13			10	8,455
31	All other industries[1]	38	3,541,799	469,343	679,857	1,361,711	1,030,888	28	56	71,516	949	356,615

[1] Embraces awnings, tents, and sails, 2; carpets, wood, 1; cars and general shop construction and repairs by steam railroad companies, 2; clothing, women's, dressmaking, 2; coffee and spice, roasting and grinding, 1; cordage and twine, 1; cotton, ginning, 1; cotton goods, 1; electrical construction and repairs, 2; fertilizers, 1; fireworks, 1; flavoring extracts, 1; food preparations, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1;

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1	All industries	509	$6,955,350	$721,695	$1,240,482	$2,370,966	$2,622,207	557	309	$339,990	4,587	$2,409,250
2	Bicycle and tricycle repairing	6	14,250	250	100	2,200	11,700	11			10	3,906
3	Blacksmithing and wheelwrighting	30	20,795	5,500	2,675	5,095	7,525	33			36	19,526
4	Boots and shoes, custom work and repairing.	19	17,070	500	560	5,035	10,975	22			17	8,823
5	Bread and other bakery products	14	48,840	5,400	5,300	7,970	30,170	15	2	1,450	43	25,510
6	Carpentering	92	138,937	17,665	8,935	26,400	85,937	106			471	317,330
7	Carriages and wagons	4	74,104	9,578	8,943	6,066	49,517	6	1	780	52	28,400
8	Cars and general shop construction and repairs by steam railroad companies.	3	828,073	55,400	136,453	218,882	417,338		52	67,011	1,286	763,181
9	Clothing, men's, custom work and repairing.	25	61,893	4,000	2,500	4,700	50,693	26	7	5,020	98	44,533
10	Clothing, women's, dressmaking	10	17,690	5,000	1,000	1,825	9,865	11			45	10,779
11	Confectionery	11	113,969	30,000	13,212	18,272	52,485	16	14	10,756	87	29,796
12	Cooperage	4	3,685			435	3,250	6			4	1,730
13	Cotton, compressing	3	554,411	100,000	138,000	300,642	15,769		20	18,284	111	30,528
14	Dyeing and cleaning	8	3,375			1,600	1,775	10			17	6,032
15	Electrical construction and repairs	4	18,575	2,000	2,300	2,075	12,200	5	2	510	33	17,469
16	Foundry and machine shop products	6	297,705	15,906	65,996	59,357	156,446	4	10	15,040	135	75,507
17	Furniture, cabinetmaking, repairing, and upholstering.	15	20,560	5,200	7,650	3,900	3,810	16			16	9,350
18	Ironwork, architectural and ornamental.	3	55,005	35,000	2,500	8,305	9,200	3			16	8,075
19	Lock and gun smithing	9	3,025			1,060	1,965	9			1	400
20	Looking-glass and picture frames	3	8,660			835	7,725	4			5	2,005
21	Lumber, planing mill products, including sash, doors, and blinds.	5	249,480	13,500	38,000	28,700	169,280	5	12	12,100	84	40,744
22	Masonry, brick and stone	27	66,655	12,975	6,845	9,000	37,835	30	3	3,000	198	94,364
23	Millinery, custom work	9	29,800	1,000	500	750	27,550	8	7	2,700	59	16,695
24	Mineral and soda waters	4	25,710		500	20,600	4,610	4			22	9,560
25	Oil, cottonseed and cake	4	1,159,632	43,050	277,605	554,750	284,227		28	37,165	339	100,571
26	Painting, house, sign, etc	32	20,660	1,000	175	3,685	15,800	38	1	350	90	63,248
27	Patent medicines and compounds	4	25,860			3,550	22,310	2	5	6,750	10	2,550
28	Paving and paving materials	3	16,550			6,750	9,800	4	1	900	83	35,310
29	Photography	7	6,455		300	3,300	2,355	7	1	480	6	3,336
30	Plumbing, and gas and steam fitting	8	63,124	1,250	1,350	5,190	55,334	8	12	9,300	61	44,275
31	Printing and publishing, book and job	16	153,783	7,600	3,350	91,366	51,467	20	14	9,860	103	58,781
32	Printing and publishing, newspapers and periodicals.	13	153,294	1,000	1,500	89,140	61,654	16	23	28,563	113	91,212
33	Saddlery and harness	7	34,850		700	3,350	30,800	6	2	1,140	19	10,848
34	Tinsmithing, coppersmithing, and sheet-iron working.	24	67,411	12,050	8,150	17,580	29,631	30	1	1,000	105	45,179
35	Tobacco, cigars and cigarettes	3	6,190			305	5,885	3			15	4,593
36	Watch, clock, and jewelry repairing	14	26,060	4,750	1,378	5,800	14,137	16			12	8,410
37	All other industries[1]	60	2,549,314	332,121	504,010	851,996	861,187	57	91	107,831	785	381,134

[1] Embraces artificial limbs, 1; awnings, tents, and sails, 2; boxes, wooden packing, 1; brick and tile, 2; bridges, 2; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; combs, 1; cotton, ginning, 2; engraving, steel, including plate printing, 2; flouring and grist mill products, 2; food preparations, 2; furniture, factory product, 2; gas, illuminating and heating, 1; hairwork, 2; hand stamps, 2; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; jewelry, 2; liquors, malt, 2; lumber and timber products, 2; marble and stone work, 1; mattresses and spring

BY SPECIFIED INDUSTRIES: 1900—Continued.

GALVESTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
46	$27,440					$2,613	$300	$93	$220	$2,000	$132,565	$132,565		$179,820	17
		18	$6,878			3,274	2,410	519	345		20,730	20,730		41,700	18
6	3,230					1,293	162	187	944		3,022	3,012	$10	13,300	19
45	27,250					1,970	1,714	12	244		18,229	18,229		65,175	20
7	2,935	3	985			3,243	2,860	178	205		6,233	6,204	29	29,956	21
13	9,281					588	534		54		5,471	5,471		25,464	22
34	19,664			4	$1,050	3,796	2,446	465	885		38,665	38,261	404	81,162	23
29	15,318	3	580	4	612	3,954	2,700	207	1,047		8,189	7,475	714	44,225	24
66	73,748	1	170	5	810	26,351	1,788	1,930	22,633		44,259	41,591	2,668	211,318	25
34	18,256			3	544	3,835	492	485	2,758	100	43,920	43,665	255	84,787	26
7	3,820					1,478	1,048	5	425		10,717	10,717		22,878	27
24	12,354			5	806	2,948	2,328	168	457		20,897	20,475	422	54,145	28
3	1,075					1,258	108	125	1,025		2,665	2,665		6,835	29
9	8,335			1	120	2,620	1,825	272	523		3,078	2,993	85	23,220	30
623	289,429	246	55,283	80	11,903	276,394	8,702	21,035	246,357	300	791,285	738,237	53,048	1,756,487	31

hand stamps, 1; ice, manufactured, 2; jute and jute goods, 1; liquors, malt, 1; marble and stone work, 1; mattresses and spring beds, 2; monuments and tombstones, 1; paints, 1; paving and paving materials, 2; pickles, preserves, and sauces, 1; ship and boat building, wooden, 1; show cases, 1; stationery goods, not elsewhere specified, 1; trunks and valises, 1; wood, preserving, 1.

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4,294	$2,336,096	230	$64,151	63	$9,003	$668,426	$81,950	$41,297	$529,472	$10,707	$5,792,571	$5,604,374	$188,197	$10,641,575	1
9	3,786			1	120	1,901	1,280	85	536		5,950	5,900	50	17,650	2
36	19,526					4,885	3,846	123	866		23,110	22,034	1,076	81,985	3
15	8,100	2	723			2,352	2,036	120	196		14,629	14,606	23	43,406	4
41	25,090	1	240	1	180	6,875	2,085	268	4,522		70,479	68,117	2,362	131,427	5
471	317,930					13,589	2,697	1,308	5,516	4,068	596,839	596,659	180	1,093,416	6
52	28,400					5,050	2,100	666	2,284		35,966	34,812	1,154	94,200	7
1,286	763,181					20,875		5,334	15,541		829,520	815,699	13,821	1,680,587	8
81	39,071	14	5,070	3	392	14,089	8,248	502	4,839	500	55,275	54,561	714	154,410	9
		45	10,779			2,767	1,591	210	466	500	5,825	5,790	35	30,695	10
47	21,782	34	7,100	6	914	5,199	2,451	851	1,897		92,338	90,266	2,072	188,636	11
4	1,730					1,053	358	16	679		6,200	6,200		13,525	12
103	29,528	3	500	5	500	22,552		3,048	18,904		12,203	7,178	5,025	120,343	13
10	4,376	7	1,656			2,887	1,724	11	1,052	100	1,428	970	458	18,185	14
33	17,469					1,776	796	115	865		12,769	12,565	204	42,200	15
135	75,507					9,336	1,964	1,111	6,261		196,129	194,094	2,035	319,543	16
15	8,930	1	420			1,626	1,182	142	302		7,197	7,112	85	32,180	17
16	8,075					1,255	185	700	420		28,935	28,035	900	54,000	18
1	400					1,362	1,246	20	96		3,080	3,060	20	9,345	19
5	2,065					1,063	640	141	282		2,652	2,652		7,435	20
84	40,744					8,753	987	1,690	6,076		151,797	151,497	300	256,980	21
198	94,364					4,677	504	298	3,875		250,228	249,578	650	419,199	22
1	1,500	56	14,935	2	260	4,570	3,306	104	1,160		31,666	31,366	300	70,650	23
22	9,560					1,745	1,206	67	472		17,783	17,545	238	38,166	24
339	100,571					65,183		5,236	59,947		1,345,750	1,297,615	48,135	1,755,549	25
90	63,248					3,167	1,960	74	1,133		74,118	74,118		205,471	26
4	1,310	4	1,000	2	240	9,914	1,250	107	8,557		17,874	17,424	450	49,379	27
83	35,310					2,867	90	50	2,727		93,572	92,572	1,000	156,370	28
5	3,136	1	200			2,611	1,866	100	570	75	3,871	3,871		20,400	29
60	44,125			1	150	6,872	2,820	757	2,795	500	88,022	87,537	485	164,555	30
85	49,852	10	2,490	8	1,439	15,143	6,814	1,071	4,070	3,188	48,815	46,165	2,650	157,059	31
107	89,306	3	1,540	3	366	59,232	4,583	790	52,099	1,760	46,681	43,367	3,314	277,230	32
19	10,848					4,481	3,744	115	622		21,777	21,732	45	52,164	33
102	44,767			3	412	4,954	2,948	263	1,743		86,396	85,240	1,156	177,632	34
9	3,643	4	650	2	300	2,094	342		1,752		5,720	5,720		15,650	35
12	8,410					3,333	2,348	188	781	16	9,342	9,212	130	39,806	36
714	360,556	45	16,848	26	3,730	343,388	12,803	15,016	315,569		1,498,635	1,399,505	99,130	2,643,097	37

beds, 2; monuments and tombstones, 1; oleomargarine, 1; optical goods, 2; paints, 1; pickles, preserves, and sauces, 2; plastering and stuccowork, 1; printing materials, 1; refrigerators, 1; roofing and roofing materials, 1; sewing machine repairing, 2; shirts, 1; show cases, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; trunks and valises, 1; wirework, including wire rope and cable, 2; wood, preserving, 1.

TABLE 8.—MANUFACTURES IN CITIES

SAN ANTONIO.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	312	$4,252,197	$350,483	$766,378	$1,158,345	$1,976,991	295	209	$244,252	3,073	$1,755,008
2	Bicycle and tricycle repairing	4	3,775			875	2,900	1			5	2,602
3	Blacksmithing and wheelwrighting	50	55,696	29,375	9,240	7,162	9,919	54	1	840	43	25,702
4	Boots and shoes, custom work and repairing.	22	8,998		600	4,213	4,185	23			12	6,036
5	Bread and other bakery products	18	50,795	16,150	15,650	10,575	8,420	18	1	240	64	33,896
6	Brooms and brushes	3	7,350	1,400	1,400	1,050	3,500	3			4	2,316
7	Carpentering	3	9,325			1,175	8,150	3			32	17,472
8	Cars and general shop construction and repairs by steam railroad companies.	3	314,852	52,280	80,035	82,587	99,950		23	21,036	1,176	779,488
9	Clothing, men's, custom work and repairing.	25	32,146			2,315	29,831	26	2	1,820	62	36,054
10	Confectionery	7	87,370	8,500	9,000	18,220	52,150	5	29	23,600	168	81,060
11	Cotton, ginning	4	31,223	4,500	5,250	18,820	2,653	2	2	191	6	640
12	Dyeing and cleaning	7	3,935	370	300	2,135	1,130	8			11	5,000
13	Food preparations	3	12,410			10,320	2,090	3	1	720	8	4,196
14	Foundry and machine shop products	6	236,132	51,000	30,400	87,700	67,032	1	25	27,324	216	110,635
15	Furniture, cabinetmaking, repairing, and upholstering.	8	7,687	1,500	1,100	3,660	1,327	8			8	4,685
16	Liquors, malt	3	1,808,331	82,138	435,478	292,821	997,894	1	29	64,608	224	112,926
17	Lock and gun smithing	4	1,650			1,300	350	4				
18	Lumber, planing mill products, including sash, doors, and blinds.	3	15,200	1,700	3,500	6,900	3,100	5	1	900	19	11,682
19	Mattresses and spring beds	3	4,905	1,000	2,000	775	1,130	3			5	2,500
20	Millinery, custom work	8	15,824	1,500	500	649	13,175	7	3	3,040	19	5,304
21	Monuments and tombstones	6	57,740	9,000	2,000	7,262	39,478	7	1	300	53	26,633
22	Painting, house, sign, etc	6	3,290	1,500	800	190	800	6			14	7,616
23	Photography	11	16,805	200	925	11,350	4,330	13	1	468	6	3,149
24	Plumbing, and gas and steam fitting	5	45,475		5,000	1,975	38,500	8	2	1,680	57	31,801
25	Printing and publishing, book and job	11	123,757	200	500	67,681	55,376	10	11	13,390	191	107,548
26	Printing and publishing, newspapers and periodicals.	11	195,318	17,500	49,500	98,350	29,968	7	20	22,144	95	67,167
27	Saddlery and harness	10	329,390	3,000	2,000	10,490	313,900	12	1	450	120	64,826
28	Soap and candles	3	37,194	5,620	4,250	6,468	20,856	2	4	1,065	8	4,744
29	Tinsmithing, coppersmithing, and sheet-iron working.	11	18,900	1,500	1,000	7,250	9,150	13	1	900	55	33,804
30	Tobacco, cigars and cigarettes	5	10,075			625	9,450	5			22	8,831
31	Watch, clock, and jewelry repairing	13	10,160	1,500	950	3,250	4,460	11			9	6,960
32	All other industries[1]	36	696,089	59,050	105,000	390,202	141,837	26	51	59,486	361	149,785

[1] Embraces awnings, tents, and sails, 2; boot and shoe uppers, 1; boxes, fancy and paper, 1; brick and tile, 1; carriages and wagons, 2; clothing, men's, factory product, 2; clothing, women's, dressmaking, 2; coffee and spice, roasting and grinding, 1; cotton, compressing, 1; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 2; flavoring extracts, 1; flouring and grist mill products, 2; furs, dressed, 2; gas, illuminating and heating, 1; ice,

WACO.

1	All industries	166	$2,096,741	$190,728	$356,956	$766,097	$782,960	164	106	$108,306	1,227	$469,129
2	Bicycle and tricycle repairing	3	5,450			2,050	3,400	2			3	1,400
3	Blacksmithing and wheelwrighting	15	17,047	400	2,200	4,269	10,178	19	1	240	30	13,095
4	Boots and shoes, custom work and repairing.	10	4,287			695	3,592	7			9	4,180
5	Bread and other bakery products	7	19,889	3,000	5,100	2,215	9,574	7			15	5,805
6	Clothing, men's, custom work and repairing.	15	24,360	500	1,500	2,143	20,217	16			46	23,130
7	Cotton, compressing	3	184,200	3,500	78,000	102,500	200		4	5,460	52	20,000
8	Dyeing and cleaning	3	2,305	400	1,000	375	530	3			1	575
9	Foundry and machine shop products	5	38,050	4,000	1,750	17,200	15,100	3	3	2,700	33	23,270
10	Millinery, custom work	5	14,857	2,200	3,800	400	8,457	2	2	1,095	20	6,552
11	Mineral and soda waters	4	42,065	1,000	4,000	18,283	18,782	1	5	4,140	25	8,173
12	Patent medicines and compounds	3	3,350			275	3,075	3			2	255
13	Photography	4	9,295			5,600	3,695	4			6	2,994
14	Plumbing, and gas and steam fitting	4	20,500			1,900	18,600	4	6	5,580	17	10,300
15	Printing and publishing, book and job	10	42,665			30,750	11,915	12			47	23,855
16	Printing and publishing, newspapers and periodicals.	12	41,260	100	400	20,950	19,810	12	11	10,216	54	36,945
17	Saddlery and harness	6	57,324	400	575	12,438	43,911	7	15	13,500	144	36,088
18	Tinsmithing, coppersmithing, and sheet-iron working.	4	5,525			2,650	2,875	5	1	840	10	5,400
19	Watch, clock, and jewelry repairing	8	7,030			3,355	3,675	10			5	2,800
20	All other industries[1]	45	1,557,282	175,228	268,631	538,049	585,374	47	58	64,535	708	244,312

[1] Embraces artificial limbs, 1; baking and yeast powders, 2; brick and tile, 2; brooms and brushes, 1; carpentering, 2; carriages and wagons, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 2; confectionery, 2; cooperage, 1; cotton, ginning, 1; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; furniture, factory product, 1; gas, illuminating and heating, 1; ice, manufactured, 2;

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN ANTONIO.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,781	$1,691,882	262	$58,881	30	$4,245	$654,339	$54,563	$33,691	$563,904	$2,181	$3,284,524	$3,176,847	$107,677	$6,821,797	1
5	2,602					649	426	18	205		1,106	1,078	28	5,500	2
39	25,186			4	516	4,516	3,088	840	588		23,001	20,887	2,114	101,655	3
12	6,036					3,358	3,014	149	195		12,202	12,132	70	34,616	4
56	32,476	4	1,060	4	360	2,563	955	353	1,255		94,011	90,104	3,907	174,328	5
3	2,100	1	216			236	25	54	157		8,800	8,770	30	14,460	6
31	17,192			1	280	335	60		275		37,770	37,770		67,550	7
1,176	779,438					8,044		5,431	2,613		687,986	683,865	4,121	1,496,554	8
58	35,276	3	658	1	120	7,080	5,668	192	1,220		89,030	38,586	444	111,038	9
87	60,060	81	21,000			8,987	2,980	751	5,256		233,143	229,167	3,976	374,650	10
6	640					1,450	838	423	689		1,629	1,368	261	7,139	11
6	3,540	5	1,460			1,708	1,356	18	334		3,696	3,220	476	18,222	12
6	3,600	2	596			1,131	744	25	362		17,098	16,278	820	27,650	13
213	110,083			3	552	9,162	1,795	3,379	3,988		133,452	123,648	9,804	331,215	14
8	4,635					817	528	109	55	125	7,860	7,060	300	20,260	15
224	112,926					456,089		9,598	446,491		204,168	161,712	42,456	925,936	16
						631	520	21	90		866	806	60	4,840	17
19	11,682					1,304	240	226	838		14,108	13,628	480	34,697	18
4	2,300	1	200			398	300	48	50		8,404	8,184	220	18,317	19
		18	5,144	1	160	4,296	3,036	114	1,146		17,329	17,329		39,381	20
50	26,153			3	480	1,962	414	347	1,201		37,689	36,869	820	118,025	21
18	7,466			1	150	415	240	43	132		5,157	5,157		20,017	22
4	2,640	2	509			3,389	2,784	316	289		6,537	6,537		28,280	23
57	31,801					5,858	2,580	230	3,048		68,687	68,265	422	132,000	24
144	95,333	42	11,688	5	527	8,665	4,266	816	3,583		90,116	88,719	1,397	290,900	25
93	66,265	1	780	1	112	46,753	3,000	1,188	41,365	1,200	31,799	29,022	2,777	201,391	26
119	64,706			1	120	6,875	3,576	852	2,447		337,321	336,831	490	469,110	27
8	4,744					2,037	600	220	1,217		29,143	28,708	435	45,592	28
54	33,782			1	82	2,705	2,060	164	481		51,944	51,230	714	115,545	29
5	4,113	15	4,196	2	522	6,620	882	74	5,664		11,953	11,743	210	34,395	30
9	6,960					1,787	1,467	120	150		3,825	3,825		21,425	31
272	188,147	87	11,374	2	264	54,569	7,621	7,572	38,520	856	1,065,194	1,034,349	30,845	1,542,109	32

manufactured, 2; jewelry, 1; lime and cement, 1; looking-glass and picture frames, 2; masonry, brick and stone, 1; oil, cottonseed and cake, 1; optical goods, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; stencils and brands, 1; trunks and valises, 1.

WACO.

913	$407,243	256	$54,747	58	$7,139	$222,681	$35,163	$17,196	$160,213	$10,109	$1,477,642	$1,413,298	$64,344	$2,693,907	1
3	1,400					917	570	17	330		4,360	4,200	160	8,900	2
29	12,992			1	103	2,629	2,036	74	519		15,422	14,525	897	49,369	3
9	4,180					1,482	1,406	17	59		2,526	2,495	30	10,323	4
15	5,805					1,681	1,220	212	249		23,992	22,850	1,142	52,702	5
42	22,150	4	980			5,646	4,060	253	1,333		29,556	29,192	364	74,170	6
52	20,000					6,456	360	1,556	4,540		7,549	2,949	4,600	53,620	7
1	575					264	228	20	16		282	226	56	2,500	8
33	23,270					1,948	770	250	928		13,122	11,975	1,147	44,168	9
		19	6,452	1	100	3,100	1,060	185	1,855		23,924	23,874	50	46,885	10
25	8,173					18,265	1,580	296	16,389		23,653	22,567	1,086	77,433	11
1	180			1	75	1,961	192	3	1,766		1,392	1,382	10	5,145	12
6	2,994					1,816	1,320	140	356		4,049	4,010	39	13,700	13
17	10,300					3,345	2,028	188	1,129		29,321	29,732	89	57,500	14
35	20,800	10	2,830	2	225	4,887	2,704	234	869	1,080	17,354	16,465	889	59,208	15
49	36,315	2	280	3	350	13,535	1,671	160	2,825	8,879	12,087	10,712	1,325	92,501	16
105	30,163	24	4,000	15	1,925	36,453	5,675	1,835	28,943		295,849	295,329	520	427,431	17
10	5,400					879	684	48	147		9,652	9,487	165	21,810	18
5	2,800					1,773	1,532	22	219		1,185	1,137	48	13,357	19
476	199,746	197	40,205	35	4,361	115,644	6,067	11,686	97,741	150	961,918	910,191	51,727	1,583,185	20

lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 2; monuments and tombstones, 2; oil, cottonseed and cake, 2; painting, house, sign, etc., 2; paints, 1; perfumery and cosmetics, 2; pickles, preserves, and sauces, 1; shirts, 1; show cases, 1; slaughtering and meat packing, wholesale, 1; tobacco, cigars and cigarettes, 1; vinegar and cider, 1; woolen goods, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

	CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	1,305	$19,825,109	$3,620,315	$3,395,383	$6,514,104	$6,295,307	1,349	636	$642,311	9,798	$4,599,092
2	Beaumont	51	3,113,766	1,157,034	187,088	432,308	1,337,336	48	58	33,788	954	439,078
3	Belton	53	309,003	21,550	65,425	159,228	62,800	58	9	6,093	189	74,462
4	Brownsville	36	96,905	6,680	15,544	42,382	32,299	37	9	2,007	63	17,646
5	Bryan	37	182,870	8,116	24,750	96,393	53,111	43	10	7,000	120	42,387
6	Calvert	29	150,778	5,550	9,100	128,303	12,825	24	4	3,500	101	25,208
7	Cleburne	75	459,325	31,740	78,035	241,823	107,727	75	41	42,423	807	406,011
8	Corpus Christi	39	75,770	6,760	7,790	27,493	33,727	40	3	2,520	80	32,210
9	Corsicana	118	929,030	37,600	88,231	417,848	385,351	139	53	42,731	508	262,292
10	Cuero	37	187,598	10,350	34,350	126,115	16,783	39	8	7,600	86	35,113
11	Denison	87	1,212,851	82,533	295,765	654,779	179,774	90	61	43,054	779	402,070
12	El Paso	136	4,550,604	245,366	1,327,431	1,853,863	1,123,944	140	86	118,450	2,171	1,036,517
13	Gainesville	76	733,711	60,636	192,099	284,985	195,991	77	33	31,960	338	146,758
14	Greenville	65	528,607	57,067	73,818	176,799	220,923	77	23	15,970	240	101,247
15	Hearne	11	149,918	4,450	35,656	95,319	14,493	10	8	6,268	101	27,489
16	Jefferson	21	395,904	116,268	112,050	88,826	78,760	14	27	20,820	335	94,367
17	Marlin	40	232,792	29,525	46,593	70,495	86,179	40	2	2,614	93	37,042
18	Marshall	46	892,316	41,276	166,976	276,908	407,157	45	28	28,555	638	383,315
19	Orange	18	3,321,868	1,500,224	161,715	328,822	1,331,107	16	31	41,495	764	356,005
20	Sherman	78	905,742	74,350	172,325	359,609	299,458	79	65	61,880	452	193,582
21	Taylor	72	184,785	20,425	46,445	79,935	37,980	68	10	11,840	207	92,958
22	Temple	74	700,369	55,675	171,325	361,025	112,344	88	31	32,545	328	158,882
23	Weatherford	88	309,550	22,640	44,095	152,552	90,263	79	22	13,017	173	72,671
24	Yoakum	23	201,097	24,500	38,778	62,794	75,025	23	14	15,580	271	156,782

TOWNS UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
9,275	$4,477,249	386	$103,493	137	$18,350	$1,230,063	$142,409	$97,905	$950,604	$39,145	$16,708,057	$16,016,549	$691,508	$26,954,031	1
943	434,503	8	4,090	3	485	71,167	7,385	15,273	48,269	240	1,184,094	1,173,935	10,159	2,014,501	2
168	71,747	20	2,625	1	90	16,963	3,061	8,011	9,491	1,400	279,922	269,699	10,223	467,504	3
58	17,290			5	356	3,478	685	883	1,379	531	58,292	55,817	2,475	108,680	4
110	40,320	6	1,510	4	557	18,160	3,165	1,087	8,908	5,000	142,811	138,549	4,262	306,362	5
100	24,996	1	212			14,718	1,917	993	11,808		236,767	226,878	9,889	527,005	6
785	399,880	16	5,373	6	758	22,573	6,945	2,838	9,015	3,775	593,060	576,421	16,639	1,202,797	7
67	30,205	7	1,405	6	600	5,541	1,747	453	3,341		73,167	70,021	3,136	165,589	8
453	248,483	40	11,701	15	2,108	54,812	17,035	4,894	29,383	8,500	1,362,281	1,318,111	44,170	2,147,116	9
76	32,996	10	2,117			9,080	3,105	1,575	4,250	150	118,191	109,916	8,275	224,709	10
725	392,129	44	9,191	10	750	42,287	11,859	5,665	31,763		468,848	442,965	25,883	1,017,613	11
2,107	1,018,937	54	16,096	10	1,484	523,095	29,738	10,094	483,263		6,371,489	6,010,486	361,003	8,846,045	12
312	140,209	22	6,055	4	494	55,309	7,095	6,899	41,330	75	807,208	779,712	27,496	1,251,291	13
226	97,838	12	3,253	2	156	47,440	9,587	3,737	32,046	2,070	299,069	287,039	12,030	603,050	14
101	27,489					23,797	898	1,391	22,008		152,652	142,067	10,585	252,218	15
324	91,771	6	1,250	5	1,346	16,006	886	2,169	11,888	1,063	292,638	246,224	46,414	498,462	16
87	35,020	5	1,902	1	120	13,063	2,832	1,635	8,596		182,550	176,881	5,669	330,570	17
612	377,995	16	4,185	10	1,135	51,300	5,085	7,325	37,890	1,000	674,750	655,329	19,421	1,283,847	18
756	353,851	2	714	6	1,440	50,055	1,354	10,782	37,919		924,243	922,681	1,562	1,666,203	19
336	173,409	81	20,302	35	4,871	87,946	9,599	6,720	69,797	1,830	1,175,693	1,148,901	26,792	1,721,280	20
200	89,993	7	2,965			21,862	4,425	1,181	6,625	9,631	206,917	200,784	6,133	429,955	21
304	152,781	20	5,685	4	516	36,403	7,510	5,191	23,402	300	569,580	549,373	20,207	908,726	22
158	69,149	9	2,962	6	560	29,177	4,779	2,316	18,502	8,580	368,467	359,173	9,294	609,415	23
267	156,258			4	524	8,741	2,217	1,793	4,731		165,378	155,587	9,791	371,093	24