MANUFACTURES AND THE MECHANICAL INDUSTRIES,

BY STATES AND TERRITORIES.

ALABAMA.

Table 1 shows the manufacturing and mechanical industries of the state of Alabama 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	5,602	2,977	2,070	2,188	1,459	1,026	88.2	43.8	[1]5.4	50.0	42.2
Capital	$70,370,081	$46,122,571	$9,668,008	$5,714,032	$9,098,181	$8,450,606	52.6	377.1	69.2	[1]37.2	163.7
Salaried officials, clerks, etc., number	2,530	22,684	(3)	(3)	(3)	(3)	[1]5.7				
Salaries	$2,168,671	[2]$1,876,282	(3)	(3)	(3)	(3)	15.6				
Wage-earners, average number	52,902	31,137	10,019	8,248	7,889	4,936	69.9	210.8	21.5	4.6	59.8
Total wages	$15,180,419	$10,799,747	$2,500,504	$2,227,968	$2,132,940	$1,105,824	40.1	331.9	12.2	4.5	92.9
Men, 16 years and over	45,530	27,848	8,368	7,196	6,792	4,397	63.5	232.8	16.3	5.9	54.5
Wages	$14,078,456	$10,281,041	(3)	(3)	(3)	(3)	37.0				
Women, 16 years and over	3,898	1,864	842	664	1,097	589	109.1	121.4	26.8	[1]39.5	103.5
Wages	$704,099	$416,610	(3)	(3)	(3)	(3)	69.0				
Children, under 16 years	3,474	1,425	809	388	(3)	(3)	143.8	76.1	108.5		
Wages	$352,864	$152,096	(3)	(3)	(3)	(3)	132.0				
Miscellaneous expenses	$3,828,402	$2,797,896	(4)	(4)	(4)	(4)	36.8				
Cost of materials used	$44,098,671	$28,432,281	$8,545,520	$7,592,837	$5,489,968	$2,224,960	55.1	232.7	12.5	38.3	146.7
Value of products, including custom work and repairing	$80,741,449	$51,226,605	$13,565,504	$13,040,644	$10,588,566	$4,528,876	57.6	277.6	4.0	23.2	133.8
Total population	1,828,697	1,513,017	1,262,505	996,992	964,201	771,623	20.9	19.8	26.6	3.4	25.0
Wage-earners engaged in manufactures	52,902	31,137	10,019	8,248	7,889	4,936	69.9	210.8	21.5	4.6	59.8
Per cent of total population	2.9	2.1	0.8	0.8	0.8	0.6					
Assessed value of real estate	[5]$158,396,273	$154,706,484	$77,374,008	$117,223,043	$155,034,089	$78,870,718	2.4	99.9	[1]31.0	[1]24.4	96.6
Value of land and buildings invested in manufactures[6]	$24,978,473	$12,709,521	(3)	(3)	(3)	(3)	96.5				
Per cent of assessed value	15.8	8.2									

[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 the annual report of the auditor of the state of Alabama.
[6] Does not include the value of rented property.

Although Alabama is an agricultural state, Table 1 shows that there has been a remarkable growth in the manufacturing and mechanical industries during the half century. The population increased during these years from 771,623 to 1,828,697, or 137 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 4,936 to 52,902, or 971.8 per cent. This growth of the wage-earning class has been very marked in the last two decades and particularly in the decade 1880 to 1890, when the increase was 210.8 per cent as compared with an increase of 19.8 per cent in total population. In 1900 the average number of wage-earners in manufactures constituted 2.9 per cent of the total population as compared with eight-tenths of 1 per cent in 1880. 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 76,931, or 4.2 per cent of the total population of the state.

The rapid growth of the manufacturing industries of Alabama during the last twenty-five years is due to the utilization of the state's rich mineral resources which were neglected in the earlier years of the century. The development of the iron industry and of coal mining has stimulated a variety of manufactures which are centered in the Birmingham district, in the northern part of the state where the mineral deposits exist. The abundance of coal has made unnecessary any extensive use of the waterpower of the state on the Coosa, Tennessee, and Tallapoosa rivers, although on the Tallapoosa near Montgomery one of the largest waterpower plants in the South has recently been constructed.[1] It is noteworthy that the great development of manufactures in the northern part of the state has taken place largely without the advantage of navigable water for the cheap shipment of products. For years efforts have been made to connect the Birmingham district with tidewater at Mobile Bay by means of a canal and the construction of locks on the Warrior River. Of the 5 locks projected 3 were completed in 1895, and a route for the canal has been surveyed by engineers of the United States. It is estimated that water communication with Mobile would reduce freight charges on iron 80 per cent.

[1] Handbook of Alabama, 1892, by Saffold Berney, page 494.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational, eleemosynary, and penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and are, therefore, 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	13,563	$72,486,449	15,410	60,703	$15,381,499	$3,878,113	$44,504,146	$17,906,094	$20,058,682	$6,539,370	$81,962,762
Hand trades[1]	1,091	1,498,856	1,288	2,809	988,951	182,430	1,907,871	6,114	1,846,356	55,401	4,263,862
Educational, eleemosynary, and penal institutions	10	135,456	1	83	8,522	352	59,567	26,193	27,920	5,454	92,588
Establishments with a product of less than $500	7,951	1,980,912	8,665	7,718	242,558	49,359	345,908	106,965	238,943		1,128,725
All other establishments	4,511	68,871,225	5,456	50,093	14,141,468	3,645,972	42,190,800	17,766,822	17,945,463	6,478,515	76,477,587

[1] Includes bicycle and tricycle repairing, 35; blacksmithing and wheelwrighting, 452; boots and shoes, custom work and repairing, 118; carpentering, 73; clothing, men's, custom work and repairing, 54; clothing, women's, dressmaking, 19; dyeing and cleaning, 16; furniture, cabinetmaking, repairing, and upholstering, 19; lock and gun smithing, 14; masonry, brick and stone, 14; millinery, custom work, 110; painting, house, sign, etc., 16; paper hanging, 2; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 47; sewing machine repairing, 6; typewriter repairing, 3; watch, clock, and jewelry repairing, 92.

Of the 13,563 establishments of all classes shown in this table, 9,042, or 66.7 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 $5,392,587, or only 6.6 per cent of the total products of the state.

In addition to the 13,563 active establishments in the state during the census year, with a capital of $72,486,449, shown in Table 2, there were 121 idle establishments, with a capital of $3,388,916, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	7	$10,285	Leather, tanned, curried, and finished	5	$3,700
Coke	1	20,000	Lumber and timber products	31	120,305
Flouring and grist mill products	8	11,207	Lumber, planing mill products, including sash, doors, and blinds	3	37,160
Foundry and machine shop products	1	84,499	Pottery, terra cotta, and fire-clay products	3	65,700
Hardware	1	37,700	All other industries	49	31,471
Iron and steel	12	2,966,889			

The 11 leading industries of the state in 1900, as shown in Table 3, embraced 3,335 establishments, or 59.5 per cent of the total number in the state; used a capital of $57,809,426, or 82.2 per cent of the total; gave employment to 37,347 wage-earners, or 70.6 per cent of the total number; and paid in wages $10,657,960, or 70.4 per cent of the total. The value of their products was $62,382,686, or 77.3 per cent of the total value of the products in the state.

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	3,335	$57,809,426	37,347	$10,657,960	$2,658,306	$36,238,387	$62,382,686
	1890	1,544	35,865,769	20,657	6,598,977	1,904,398	20,862,385	34,814,502
Increase, 1890 to 1900		1,791	21,943,657	16,690	4,058,983	753,908	15,376,002	27,568,184
Per cent of increase		116.0	61.2	80.8	61.5	39.6	73.7	79.2
Per cent of total of all industries in state	1900	59.5	82.2	70.6	70.4	69.4	82.2	77.3
	1890	51.9	77.8	66.3	61.1	68.1	73.4	68.0
Cars and general shop construction and repairs by steam railroad companies.	1900	19	2,019,434	4,030	1,941,031	86,045	2,092,166	4,172,192
	1890	12	909,911	1,373	761,134		784,304	1,581,207
Coke	1900	15	3,855,379	1,592	535,622	180,290	2,673,568	3,726,433
	1890	19	1,368,238	1,120	432,143	7,994	1,810,274	2,474,377
Cotton, ginning[1]	1900	1,216	2,006,406	1,518	194,133	42,560	291,729	1,218,283
	1890	212	289,228	792	57,161	14,263	85,982	213,529
Cotton goods	1900	31	11,638,757	8,332	1,482,226	511,296	4,825,981	8,153,136
	1890	13	2,853,015	2,088	402,908	154,893	1,459,048	2,190,771
Fertilizers	1900	17	1,407,823	439	94,965	92,704	1,387,385	2,068,162
	1890	8	709,250	230	42,835	48,715	519,713	765,000

[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.

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.			
Flouring and grist mill products	1900	781	$1,047,961	540	$92,858	$34,654	$2,787,634	$3,310,757
	1890	702	1,410,730	1,043	157,134	56,535	2,471,828	3,060,452
Foundry and machine shop products	1900	74	4,826,825	3,461	1,329,566	298,558	2,755,921	5,482,441
	1890	41	2,355,253	1,460	736,002	113,262	817,023	2,195,913
Iron and steel	1900	25	15,913,479	7,238	2,454,401	896,126	10,062,094	17,892,483
	1890	35	17,879,583	5,685	2,202,964	1,089,690	7,425,344	12,544,227
Leather, tanned, curried, and finished	1900	18	464,005	165	71,440	44,107	672,017	1,005,358
	1890	21	38,045	41	7,997	1,546	42,539	77,066
Lumber and timber products	1900	1,111	13,020,183	9,273	2,265,018	277,521	6,646,124	12,867,551
	1890	472	7,460,108	6,335	1,712,336	330,497	4,551,261	8,507,971
Oil, cottonseed and cake	1900	28	1,609,674	759	196,700	194,450	2,103,768	2,985,890
	1890	9	592,408	490	86,363	87,003	945,069	1,203,989

Table 3 shows that the manufacture of iron and steel is the most important industry in the state. The 25 establishments reported for this industry in 1900 gave employment to 7,238 wage-earners, or 13.7 per cent of the wage-earners in the state, and the products were valued at $17,892,483, or 21.5 per cent of the total value of the products of the state. In 1890 there were 35 establishments reported, with 5,685 wage-earners, and products valued at $12,544,227. The increase in the value of products during the decade was $4,848,256, or 38.6 per cent.

The importance of the iron and steel industry in Alabama is directly due to the development of extensive deposits of iron ore, coal, limestone, and dolomite, which are found in most unusual proximity in the Birmingham district. This combination of natural advantages makes it possible to produce pig iron at very low cost. A charcoal furnace was built as early as 1818,[1] but it was not until 1874 that the manufacture began to assume importance. Birmingham, named after England's iron center, was founded in 1871, Anniston in 1872, Sheffield in 1883, and Bessemer in 1887. An important epoch in the history of the industry began in 1895, when it was demonstrated that Alabama pig iron could be laid down in Liverpool, grade for grade, at less than the price of Middlesboro iron shipped across England to that point. Exports to England, continental Europe, and Japan in 1896 amounted to 65,000 tons,[2] and in 1900 to 113,185 tons, a quantity greatly in excess of that reported for any other state. The total production of pig iron in the state in 1860 was valued at $64,590, in 1870 at $210,258, in 1880 at $1,405,356, in 1890 at $10,315,691, and in 1900 at $13,465,616. The most important grade manufactured in the state in 1900 was foundry iron, no other state producing so large a quantity.

Although the manufacture of steel in Alabama is in its infancy, every indication points to a development as rapid as that shown in pig iron. It seems to be established that the iron ores of Alabama are not suited to the manufacture of steel by the acid or basic Bessemer processes, because of their large percentage of phosphorus and silica, and therefore manufacturers using these ores are practically restricted to the basic open-hearth process. The first attempt to manufacture steel in the state was made in 1888, but until 1897 only indifferent success was attained.[3] In 1900 there were 12 basic open-hearth furnaces in the state with a daily capacity of 1,210 tons of steel ingots. The manufacture was greatly stimulated by the fact that many engineers and architects, in 1896, began to show a preference for open-hearth steel, stipulating in their specifications that this variety should be used.

Related to the iron and steel industry is the manufacture of foundry and machine shop products. There were 74 establishments engaged in this industry in 1900, with 3,461 wage-earners, and products valued at $5,482,441. In 1890 there were 41 establishments reported, with 1,460 wage-earners, and products valued at $2,195,913. The value of products increased $3,286,528, or 149.7 per cent during the decade. This industry has been stimulated by the large production of pig iron, and has in turn reacted to increase that production. One of the most important of Alabama's foundry products is cast-iron pipe. There were 11 establishments, most of them at Bessemer, Anniston, and Birmingham, engaged in this manufacture during the census year. Some of these export products to foreign countries. Other important iron products of the state are stoves, car wheels, boilers, and engines.

The various iron industries have continued to advance since the close of the census year. One of the largest plants in the United States for the manufacture of wire and wire nails has been put into operation at Ensley, a large establishment for the manufacture of steel cars is now being built at the same place, and a tube works and cotton tie plant has been started at Helena.

The manufacture of coke is also closely connected with the iron manufacture. There were 15 coke establishments in Alabama in 1900, with 1,592 wage-earners, and products

[1] Iron Making in Alabama, Second edition, 1898, by W. B. Phillips, consulting chemist of the Alabama Geological Survey, page 8.

[2] Ibid., page 15.

[3] Ibid., pages 290, 296, and 312.

valued at $3,726,433, the state ranking third in the United States in this industry. In 1890 there were 19 establishments, 1,120 wage-earners, and products valued at $2,474,377. The value of products increased $1,252,056, or 50.6 per cent during the decade.

The manufacture of lumber and timber products ranks second. There were 1,111 establishments reported for 1900, with 9,273 wage-earners, and products valued at $12,867,551. In 1890 there were 472 establishments engaged in this industry, with 6,335 wage-earners, and products valued at $8,507,971. The increase in the value of products during the decade was $4,359,580, or 51.2 per cent, and a considerable portion of Alabama's forests is yet untouched by the axe.[1] The lower part of the maritime pine belt is considered equal in extent and quality to the timber lands in the adjoining parts of Florida and Mississippi, and is said to be unsurpassed by the most favored sections of the Atlantic pine forest.[2] A large quantity of timber is floated down streams and sawed in the mills of Florida.[3]

Dependent also upon the forests of the state is the manufacture of turpentine and rosin. There were 152 establishments engaged in this industry in 1900, with 3,716 wage-earners, and products valued at $2,033,705. The statistics of the 7 establishments reported in 1890 were not shown separately, and comparisons with that year are not possible.

There were 31 establishments engaged in the manufacture of cotton goods in 1900, the industry third in rank, with 8,332 wage-earners, and products valued at $8,153,136. In 1890, 13 establishments were reported, with 2,088 wage-earners, and products valued at $2,190,771. The increase in value of products during the decade was $5,962,365, or 272.2 per cent, a greater absolute increase than is shown in any other industry in the state.

There were 19 establishments engaged in the construction and repair shop work of steam railroad companies in 1900, with 4,030 wage-earners, and products valued at $4,172,192. In 1890 there were 12 establishments, 1,373 wage-earners, and products valued at $1,581,207. The increase in the value of products was $2,590,985, or 163.9 per cent. The development of this industry is due to the railroads connecting the Birmingham district with other parts of the country. Six roads center at the city of Birmingham, and several have shops there. Two large establishments, 1 at Anniston, and 1 at Gadsden, manufacture cars for steam railroads, but the statistics for these can not be shown separately without disclosing the operations of individual establishments.

[1] Handbook of Alabama, page 449.
[2] The Timber Pines of the Southern United States, page 38. (Bulletin No. 13, 1897, United States Department of Agriculture, Division of Forestry.)
[3] Ibid., pages 40 and 42.

There were 781 establishments engaged in flour and grist milling in 1900, with 540 wage-earners, and products valued at $3,310,757. In 1890 there were 702 establishments, 1,043 wage-earners, and products valued at $3,060,452. The increase in the value of products during the decade was $250,305, or 8.2 per cent.

There were 28 establishments engaged in the manufacture of cottonseed oil and cake in 1900, with 759 wage-earners, and products valued at $2,985,890. In 1890 there were 9 establishments, 490 wage-earners, and products valued at $1,203,989. The increase in the value of products during the decade was $1,781,901, or 148 per cent. Allied to this industry is cotton ginning, with 1,216 establishments in 1900, and 1,518 wage-earners. The receipts for ginning and other work done amounted to $1,218,283. In 1890 there were 212 establishments reported, with 792 wage-earners, and the receipts for ginning and other work done amounted to $213,529. The increase in these receipts during the decade was $1,004,754, or 470.5 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. These two industries are directly dependent on the large cotton crop of the state, which in 1899 amounted to 1,103,690 commercial bales, or 11.5 per cent of the production of the United States.[4]

In 1900, 17 establishments were reported as engaged in the manufacture of fertilizers, with 439 wage-earners, and products valued at $2,068,162. In 1890 there were 8 establishments, 230 wage-earners, and products valued at $765,000. The value of products increased $1,303,162, or 170.3 per cent, during the decade. This growth is due, on the one hand, to the extensive market for fertilizers in the cotton section of the state, and, on the other, to the large production of cottonseed meal. The principal fertilizer manufactured is a combination of this meal with phosphates from the adjacent fields of Florida.

In 1900, 18 establishments were reported as engaged in the tanning, currying, and finishing of leather, with 165 wage-earners, and products valued at $1,005,358. In 1890 there were 21 establishments, 41 wage-earners, and products valued at $77,066. The value of products increased $928,292, or 1,204.5 per cent, during the decade.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Birmingham, Mobile, and Montgomery, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[4] See special report on cotton ginning, Part III.

TABLE 4.—COMPARATIVE SUMMARY, BIRMINGHAM, MOBILE, AND MONTGOMERY, 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	5,602	$70,370,081	52,902	$15,130,419	$3,828,402	$44,098,671	$80,741,449
	1890	2,977	46,122,571	31,137	10,799,747	2,797,896	28,432,281	51,226,605
Per cent of increase		88.2	52.6	69.9	40.1	36.8	55.1	57.6
Birmingham	1900	283	7,434,654	6,675	2,587,221	533,368	6,045,552	12,581,066
	1890	283	4,553,478	3,247	1,663,312	545,290	3,508,588	7,034,248
Per cent of increase			63.3	105.6	55.5	[1]2.2	72.3	78.9
Mobile	1900	222	3,294,238	2,827	1,139,605	272,987	2,046,400	4,451,062
	1890	261	2,236,318	2,719	950,270	226,987	1,814,463	3,826,399
Per cent of increase		[1]14.9	47.3	4.0	19.9	20.3	12.8	16.3
Montgomery	1900	163	2,930,782	2,359	802,188	342,890	2,902,054	5,035,190
	1890	138	1,684,271	1,689	634,423	140,829	1,753,166	3,234,962
Per cent of increase		18.1	74.0	39.7	26.4	143.5	65.5	55.6
Total for 3 cities	1900	668	13,659,674	11,861	4,529,014	1,149,245	10,994,006	22,067,318
	1890	682	8,474,067	7,655	3,248,005	913,106	7,076,217	14,095,609
Per cent of increase		[1]2.1	61.2	54.9	39.4	25.9	55.4	56.6
Per cent of 3 cities to total for state	1900	11.9	19.4	22.4	29.9	30.0	24.9	27.3
	1890	22.9	18.4	24.6	30.1	32.6	24.9	27.5

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of these cities. The average number of wage-earners increased from 7,655 to 11,861, or 54.9 per cent, and the value of products from $14,095,609 to $22,067,318, or 56.6 per cent. The number of establishments decreased, however, from 682 to 668, or 2.1 per cent. The increase in the average number of wage-earners and value of products has been smaller in these 3 cities than in the state as a whole. Birmingham, the leading manufacturing city, shows the greatest growth, the value of products having increased from $7,034,248 in 1890 to $12,581,066 in 1900, or 78.9 per cent. The number of establishments remained the same as in 1890, that is, 283, but the number of wage-earners increased from 3,247 to 6,675, or 105.6 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 5.1, 12.6, and 15.6 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 18 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	5,602	$70,370,081	6,744	52,902	$15,130,419	$3,828,402	$44,098,671	$80,741,449	-------	100.0	1,828,697	-------	100.0
Total for urban manufactures	1,223	29,227,196	1,277	22,681	8,084,517	2,209,028	21,712,626	40,219,646	-------	49.8	188,651	-------	10.0
Anniston	59	2,396,278	52	1,997	649,983	134,530	1,414,873	2,594,758	6	3.2	9,695	4	0.5
Bessemer	42	3,620,082	33	1,669	605,741	317,590	2,206,654	3,561,549	4	4.4	6,358	8	0.3
Birmingham	283	7,434,654	284	6,675	2,587,221	533,368	6,045,552	12,581,066	1	15.6	38,415	2	2.1
Decatur	24	229,807	25	198	54,650	7,574	108,799	237,265	15	0.3	3,114	16	0.2
Florence	33	871,373	30	595	177,813	50,370	693,432	1,037,471	10	1.3	6,478	7	0.4
Fort Payne	17	85,405	21	88	37,982	4,206	71,652	155,916	16	0.2	1,037	18	0.1
Gadsden	35	1,184,805	47	520	165,475	24,180	463,738	848,751	11	1.1	4,282	12	0.2
Huntsville	79	1,877,781	85	1,203	283,575	152,637	890,118	1,728,711	8	2.2	8,068	6	0.4
Mobile	222	3,294,238	238	2,827	1,139,605	272,987	2,046,400	4,451,062	3	5.5	38,469	1	2.1
Montgomery	163	2,930,782	196	2,359	802,188	342,890	2,902,054	5,035,190	2	6.2	30,346	3	1.7
New Decatur	30	1,348,871	25	1,521	700,196	81,286	1,833,549	2,976,919	5	3.7	4,437	11	0.2
Opelika	30	148,275	34	214	48,023	10,943	206,280	335,071	14	0.4	4,245	13	0.2
Phoenix	6	33,595	5	16	4,548	5,361	7,644	22,360	18	(1)	4,163	14	0.2
Selma	98	1,296,308	98	1,343	392,016	93,034	1,163,936	2,015,777	7	2.5	8,713	5	0.5
Sheffield	21	1,226,258	25	678	246,009	123,390	874,592	1,461,418	9	1.8	3,393	15	0.2
Talladega	22	348,414	13	343	77,311	25,979	427,544	583,902	12	0.7	5,056	10	0.3
Tuscaloosa	43	353,925	44	407	104,141	26,918	304,529	511,683	13	0.6	5,094	9	0.3
Tuscumbia	16	46,850	22	28	8,040	1,785	51,280	80,787	17	0.1	2,348	17	0.1
Total for state exclusive of urban manufactures	4,379	41,142,885	5,467	30,221	7,045,902	1,619,374	22,386,045	40,521,803	-------	50.2	1,645,046	-------	90.0
Per cent of urban manufactures to total for state	21.8	41.5	18.9	42.9	53.4	57.7	49.2	49.8	-------	-------	10.0	-------	-------

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

Of the 5,602 establishments in the state, 1,223, or 21.8 per cent, are located in these 18 cities and towns. They furnished employment to 22,681 wage-earners, or 42.9 per cent of the total number, and the value of their products, $40,219,646, formed 49.8 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 Birmingham, Mobile, and Montgomery 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 AND 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	The State	5,602	$70,370,081	$10,021,049	$14,957,424	$24,159,595	$21,232,013	6,744	2,530	$2,168,671	52,902	$15,130,419
2	Autauga	53	1,420,978	245,779	236,351	396,884	541,959	66	69	66,428	887	233,038
3	Baldwin	41	1,377,882	865,184	44,600	245,552	222,546	45	40	30,710	666	156,711
4	Barbour	74	615,359	55,023	95,093	339,312	125,931	76	23	15,315	600	97,048
5	Bibb	53	746,569	399,941	25,040	229,387	92,201	61	12	6,749	398	90,379
6	Blount	74	100,319	13,156	11,505	63,657	12,001	105	1	300	139	43,578
7	Bulloch	64	264,068	20,905	62,237	145,728	35,198	67	15	6,894	217	36,505
8	Butler	51	789,931	191,941	57,315	390,998	149,677	57	20	19,660	638	173,225
9	Calhoun	171	8,266,363	229,310	554,597	1,326,511	1,155,945	198	93	83,576	2,711	769,374
10	Chambers	96	2,146,349	84,654	386,663	905,068	769,964	116	28	33,811	1,453	274,919
11	Cherokee	73	306,881	27,056	114,145	98,161	67,519	92	10	9,659	201	42,402
12	Chilton	40	548,458	169,085	55,745	243,866	79,762	64	12	11,050	413	88,030
13	Choctaw	43	67,676	7,671	11,625	35,705	12,675	55	6	1,325	143	23,883
14	Clarke	63	687,808	218,420	57,936	282,804	128,648	82	32	23,500	389	108,611
15	Clay	62	237,886	48,574	11,238	107,360	70,714	92	5	4,475	263	48,778
16	Cleburne	62	125,232	20,492	15,790	60,400	28,550	83	2	744	147	35,803
17	Coffee	72	279,449	83,606	38,059	83,839	73,945	95	26	11,600	624	129,094
18	Colbert	76	1,399,243	119,790	591,429	284,706	403,318	92	31	38,446	881	281,798
19	Conecuh	55	226,326	107,882	18,006	57,056	43,382	82	10	5,060	344	78,357
20	Coosa	47	87,428	16,841	12,880	46,735	10,972	61	3	792	119	26,503
21	Covington	72	522,113	184,236	42,526	183,644	161,707	96	25	15,860	631	146,172
22	Crenshaw	59	221,153	88,907	19,895	80,223	32,128	93	25	8,390	314	58,344
23	Cullman	54	107,433	10,299	21,335	53,692	22,057	67	8	1,004	103	23,818
24	Dale	56	145,193	15,018	26,092	57,846	46,237	63	9	3,786	189	35,376
25	Dallas	170	1,448,352	86,463	252,198	642,968	466,723	179	140	106,828	1,489	416,561
26	Dekalb	109	240,116	50,158	28,418	92,664	68,876	136	10	7,900	206	59,873
27	Elmore	56	1,607,156	58,785	511,965	348,368	688,038	63	13	20,605	990	190,097
28	Escambia	25	1,151,692	682,153	43,457	238,304	187,778	36	20	15,573	421	113,299
29	Etowah	96	1,925,207	226,752	478,595	618,926	600,934	133	50	49,338	1,418	349,984
30	Fayette	23	39,052	2,785	5,008	25,882	5,377	37	----	----	33	4,831
31	Franklin	47	310,447	65,783	28,880	96,925	118,859	62	11	15,350	222	56,627
32	Geneva	67	320,676	111,211	30,179	69,467	109,819	99	21	9,050	778	157,588
33	Greene	33	46,177	1,182	8,530	34,975	1,490	37	4	515	46	6,249
34	Hale	51	131,053	14,870	24,855	71,535	19,793	71	7	1,016	110	21,028
35	Henry	136	383,380	66,204	41,786	139,568	135,822	169	42	14,540	694	139,017
36	Jackson	108	295,629	41,915	44,311	126,953	82,450	137	20	13,883	384	87,135
37	Jefferson	470	22,308,336	2,027,878	6,227,501	7,233,887	6,819,070	496	625	699,560	14,076	4,960,342
38	Lamar	60	110,115	27,321	13,065	46,394	23,335	72	3	800	128	29,192
39	Lauderdale	94	1,303,733	83,830	283,726	369,548	566,629	108	64	48,567	1,030	238,266
40	Lawrence	55	94,661	23,495	12,815	43,930	14,421	66	2	600	79	12,331
41	Lee	87	285,673	44,580	41,197	112,160	87,736	92	23	14,270	323	69,081
42	Limestone	92	128,801	17,686	20,975	63,380	26,810	119	2	1,050	135	26,673
43	Lowndes	56	92,695	4,550	22,795	61,775	3,575	62	6	937	90	13,117
44	Macon	50	100,735	15,860	16,585	51,375	16,915	61	6	1,340	87	16,544
45	Madison	168	2,093,341	110,687	321,805	919,547	741,302	197	66	60,018	1,490	344,204
46	Marengo	80	440,619	54,167	91,589	220,692	74,171	84	33	19,639	422	77,110
47	Marion	35	60,267	16,732	10,735	28,700	4,100	51	2	184	36	5,615
48	Marshall	79	111,529	13,966	15,302	58,680	23,581	100	4	4,080	185	30,648
49	Mobile	278	5,681,918	1,230,206	764,794	1,802,177	1,884,741	303	294	251,248	4,762	1,744,115
50	Monroe	57	417,908	180,487	26,630	138,870	71,921	64	20	12,130	476	99,048
51	Montgomery	212	3,116,417	251,550	541,963	1,103,350	1,219,554	253	218	167,308	2,518	832,031
52	Morgan	115	1,722,329	106,076	355,375	646,299	614,579	132	71	59,364	1,798	773,889
53	Perry	74	184,446	14,148	38,595	102,069	29,634	90	16	4,969	115	22,622
54	Pickens	58	94,249	17,553	15,390	48,260	13,046	74	1	100	89	13,204
55	Pike	99	478,282	44,434	77,738	145,889	210,221	125	20	12,638	372	79,866
56	Randolph	104	239,453	33,833	41,070	91,503	73,047	132	7	2,275	179	30,613
57	Russell	38	122,449	22,380	18,870	60,055	21,144	53	8	2,702	147	24,113
58	St. Clair	74	283,876	93,442	24,035	116,299	50,100	105	10	7,310	230	52,083
59	Shelby	91	1,247,692	286,388	246,030	273,599	441,675	99	40	30,095	820	208,211
60	Sumter	62	225,348	50,007	26,395	96,697	52,249	72	10	2,915	160	30,874
61	Talladega	148	2,636,398	229,276	1,101,800	736,142	569,180	158	50	44,461	1,320	239,675
62	Tallapoosa	133	300,775	45,901	38,298	134,563	82,013	161	13	7,477	275	71,862
63	Tuscaloosa	105	871,794	67,273	165,141	510,640	128,740	105	28	29,187	1,037	198,096
64	Walker	58	1,298,054	60,492	296,277	509,652	431,633	78	10	10,326	638	144,545
65	Washington	34	582,315	189,383	68,125	176,614	148,193	46	27	17,940	505	118,616
66	Wilcox	66	112,239	13,177	20,429	64,550	14,083	86	1	219	91	13,758
67	Winston	24	34,605	12,310	4,045	16,630	1,620	33	2	1,280	28	6,010

TABLE 7.—MANUFACTURES BY

1	All industries	5,602	$70,370,081	$10,021,049	$14,957,424	$24,159,595	$21,232,013	6,744	2,530	$2,168,671	52,902	$15,130,419
2	Awnings, tents, and sails	4	5,150	----	----	1,350	3,800	4	----	----	9	6,625
3	Bicycle and tricycle repairing	35	46,700	465	2,075	12,440	31,720	41	3	1,190	50	15,177
4	Blacksmithing and wheelwrighting	452	259,062	39,023	46,549	60,117	113,373	543	3	615	409	101,641
5	Boots and shoes, custom work and repairing.	118	29,952	4,520	3,715	11,813	9,904	125	1	156	60	19,423
6	Bread and other bakery products	51	260,755	49,530	71,000	73,493	66,732	54	55	29,188	282	87,392

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.										
45,530	$14,073,456	3,898	$704,099	3,474	$352,864	$3,828,402	$291,131	$383,511	$2,967,994	$185,766	$44,098,671	$38,568,476	$5,530,195	$80,741,449	1
643	200,627	100	20,672	144	11,739	86,082	1,060	7,413	38,146	39,463	642,737	632,335	10,402	1,209,700	2
629	152,831	9	875	28	3,005	23,462	135	3,581	19,746	------	438,504	437,596	908	821,566	3
370	70,551	99	15,201	131	11,296	28,547	232	7,049	20,766	500	294,821	274,923	19,898	558,975	4
376	86,379	3	700	19	3,300	23,189	1,718	1,936	20,051	84	262,551	259,112	3,439	456,305	5
135	43,137	------	------	4	441	2,314	504	764	921	125	90,027	87,858	2,169	264,179	6
187	33,448	9	1,728	21	1,329	8,938	90	1,571	7,277	------	208,628	198,418	10,210	326,011	7
523	153,030	51	10,050	64	10,145	16,692	1,084	4,117	11,396	95	853,472	853,186	2,286	680,909	8
2,039	688,096	345	52,220	327	34,058	187,041	8,639	17,023	154,694	6,685	1,792,675	1,705,210	87,465	3,283,395	9
756	181,399	369	57,744	328	35,776	80,218	1,151	7,910	21,157	------	1,081,481	1,043,926	37,505	1,853,016	10
192	41,287	4	610	5	505	13,405	915	2,685	9,805	------	232,765	150,651	82,114	395,246	11
402	86,848	------	------	11	1,182	18,463	160	1,942	16,361	------	177,933	176,933	1,000	340,948	12
138	23,518	2	186	3	179	2,588	1,025	472	971	120	42,101	40,823	1,278	95,097	13
373	106,721	------	------	16	1,890	14,673	424	2,739	11,370	140	344,795	341,257	3,538	606,223	14
261	48,634	------	------	2	144	5,412	401	1,455	3,556	------	154,601	154,092	509	262,889	15
143	34,953	3	700	1	150	2,972	256	909	1,787	20	106,611	105,802	1,809	208,359	16
618	128,669	2	200	4	225	12,431	4,673	2,930	4,300	528	92,447	89,965	2,482	349,810	17
857	277,353	10	1,469	14	2,976	126,333	1,594	6,678	118,061	------	976,229	595,591	380,638	1,663,848	18
341	78,107	1	100	2	150	4,841	247	1,829	2,565	200	139,978	138,494	1,484	363,743	19
109	24,899	2	600	8	1,004	2,145	100	681	1,164	200	72,038	69,950	2,088	140,593	20
631	146,172	------	------	------	------	7,912	295	4,252	2,365	1,000	226,214	224,337	1,877	498,363	21
309	57,800	------	------	5	544	4,896	163	1,777	2,826	130	113,713	112,008	1,705	244,666	22
101	23,553	1	150	1	115	3,442	196	829	2,417	------	63,457	61,009	2,448	129,840	23
172	33,671	12	1,130	5	575	4,987	335	2,645	1,823	184	129,491	125,590	3,901	222,276	24
1,127	360,767	248	43,983	114	11,811	96,692	13,274	12,961	63,489	6,968	1,215,221	1,163,586	51,635	2,136,474	25
200	58,865	5	880	1	128	7,902	660	1,393	4,094	1,755	168,488	161,598	6,890	341,076	26
492	127,697	220	36,000	278	26,400	38,279	1,585	7,101	29,543	50	408,636	406,828	1,808	772,124	27
416	112,554	2	320	3	425	16,891	965	9,821	6,105	------	635,315	634,733	582	1,129,560	28
994	268,239	355	74,718	69	7,027	121,128	2,965	3,482	114,416	265	1,182,570	1,023,529	159,041	1,956,139	29
32	4,741	1	90	------	------	760	130	322	268	40	15,666	15,315	351	32,707	30
221	56,514	------	------	1	113	6,812	365	1,325	4,822	300	61,182	54,531	6,651	194,608	31
767	156,288	4	850	7	450	30,337	1,314	2,394	15,150	11,479	158,588	156,109	2,479	499,536	32
45	6,159	------	------	1	90	1,201	465	442	294	------	22,158	19,857	2,301	49,855	33
105	20,233	2	395	3	400	2,509	726	916	867	------	43,619	40,427	3,192	104,169	34
643	181,939	17	3,577	34	3,501	18,124	2,655	5,288	10,061	120	484,806	474,594	10,212	871,574	35
313	79,011	7	808	64	7,316	9,012	1,010	1,117	6,885	------	205,091	203,210	1,881	443,119	36
13,232	4,788,341	500	124,943	344	46,558	1,442,283	98,081	110,272	1,163,163	70,767	15,463,793	11,730,561	3,733,232	27,629,306	37
125	28,926	------	------	3	266	1,531	312	663	551	5	66,813	65,507	1,306	144,743	38
742	204,850	119	15,799	169	17,617	60,796	1,904	8,252	50,640	------	970,112	854,312	115,800	1,465,568	39
78	12,271	------	------	1	60	1,562	435	595	532	------	37,977	36,157	1,820	79,198	40
312	68,256	8	565	3	260	18,147	3,346	3,968	10,803	30	269,234	260,194	9,040	472,104	41
128	24,997	5	1,510	2	166	4,080	1,860	907	1,313	------	126,052	124,191	1,861	237,957	42
88	12,939	1	90	1	88	2,136	906	755	425	50	17,278	13,130	4,148	67,597	43
82	15,359	4	1,095	1	90	4,652	1,431	791	2,430	------	57,696	54,224	3,472	109,450	44
960	272,651	282	58,079	248	18,474	160,669	7,730	12,536	137,431	2,972	1,121,085	1,088,564	32,521	2,122,512	45
384	71,657	8	1,775	30	3,678	25,289	1,994	2,941	18,354	2,000	192,998	182,577	10,421	416,703	46
34	5,428	------	------	2	217	916	36	466	414	------	30,545	30,285	260	56,306	47
152	28,303	7	568	26	1,777	4,719	563	780	2,996	380	65,871	64,002	1,869	103,215	48
4,556	1,709,628	104	22,454	102	12,033	387,119	62,257	31,466	262,006	31,390	3,201,302	3,181,102	70,200	7,019,974	49
464	97,593	3	540	9	915	5,603	1,055	2,098	2,275	175	179,762	178,278	1,484	412,670	50
2,007	740,645	364	75,222	147	16,164	346,793	36,611	29,268	279,351	1,563	2,939,599	2,864,982	74,617	5,155,536	51
1,774	769,922	9	2,707	15	1,260	91,285	3,031	8,053	79,294	907	1,997,931	1,956,476	41,455	3,336,924	52
110	21,947	1	300	4	375	4,002	951	1,530	1,491	30	124,855	119,226	5,629	228,473	53
87	12,994	1	150	1	60	1,961	394	747	820	------	41,484	39,889	1,595	87,402	54
348	75,689	20	3,895	4	282	24,488	1,311	4,053	18,924	200	285,642	276,048	9,594	531,106	55
123	23,397	27	4,000	29	3,216	7,799	1,522	1,635	4,467	175	246,416	240,936	5,480	357,987	56
138	23,138	------	------	9	975	11,305	1,407	1,045	8,853	------	121,268	115,157	6,111	231,865	57
218	50,843	------	------	12	1,240	4,589	482	845	3,142	120	190,423	188,507	1,916	348,824	58
795	205,094	9	1,155	16	1,962	38,019	2,521	8,470	26,797	231	513,736	359,452	154,284	1,122,299	59
165	30,234	------	------	5	640	5,746	508	1,262	972	3,004	78,614	74,709	3,905	174,726	60
885	199,889	180	21,752	255	18,034	54,420	2,889	9,291	42,105	135	1,185,639	889,627	296,012	1,968,041	61
263	69,894	3	617	9	1,351	14,783	1,273	2,043	11,377	90	310,662	303,438	7,224	459,455	62
686	165,234	233	24,836	118	8,026	40,222	3,176	4,944	31,602	500	777,787	759,994	17,793	1,210,172	63
363	108,183	115	20,091	160	16,271	68,318	805	1,000	66,453	------	473,849	468,813	5,036	876,180	64
465	115,436	12	1,000	28	2,180	11,348	95	2,514	8,298	441	310,611	309,527	1,084	614,358	65
88	13,518	------	------	3	240	2,739	229	769	1,591	150	34,591	31,588	3,003	87,077	66
28	6,010	------	------	------	------	453	5	343	105	------	24,487	24,140	347	51,888	67

SPECIFIED INDUSTRIES: 1900.

45,530	$14,073,456	3,898	$704,099	3,474	$352,864	$3,828,402	$291,131	$383,511	$2,967,994	$185,766	$44,098,671	$38,568,476	$5,530,195	$80,741,449	1
9	6,625	------	------	------	------	607	380	15	212	------	21,785	21,785	------	38,700	2
44	14,571	------	------	6	606	7,966	5,411	450	2,055	50	32,643	32,071	572	85,857	3
403	101,179	------	------	6	462	18,867	11,730	2,315	4,205	617	136,356	123,437	12,919	504,144	4
59	19,223	1	200	------	------	9,044	8,147	320	577	------	45,760	45,203	567	133,617	5
239	79,785	33	6,311	10	1,296	30,114	13,063	6,046	5,469	5,536	386,909	375,062	11,847	681,736	6

TABLE 7.—MANUFACTURES BY

	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	Brick and tile	72	$431,749	$37,165	$123,025	$107,601	$163,958	93	44	$24,719	1,122	$256,703
8	Brooms and brushes	10	15,480	2,600	1,350	2,175	9,355	10	4	1,850	44	10,791
9	Carpentering	73	163,625	12,535	17,385	37,250	96,455	82	17	12,395	742	250,675
10	Carriage and wagon materials	6	54,974	2,975	4,375	20,337	27,287	8	5	3,400	60	13,130
11	Carriages and wagons	49	386,064	15,540	39,670	32,297	298,557	58	24	15,985	408	128,647
12	Cars and general shop construction and repairs by steam railroad companies.	19	2,019,434	169,200	559,810	660,570	629,854	-------	118	112,795	4,080	1,941,031
13	Charcoal	51	77,426	13,375	1,824	6,880	55,347	56	3	2,320	467	83,042
14	Cheese, butter, and condensed milk, factory product.	4	18,670	700	3,600	7,370	2,000	4	-------	-------	4	1,277
15	Clothing, men's, custom work and repairing.	54	156,565	1,100	3,200	11,140	141,125	65	9	7,430	234	99,204
16	Clothing, men's, factory product	7	96,004	-------	-------	16,189	79,815	9	13	11,060	191	46,546
17	Clothing, women's, dressmaking	19	7,305	500	500	3,055	3,250	20	1	1,200	106	22,223
18	Coke	15	3,855,379	1,303,111	78,751	2,217,140	256,377	2	43	40,003	1,592	535,622
19	Confectionery	19	124,537	2,500	1,075	27,885	93,127	28	36	14,485	145	22,292
20	Cooperage	9	34,470	805	1,050	20,515	12,100	8	3	1,760	89	26,330
21	Cordage and twine	4	298,448	27,026	45,951	169,976	55,495	-------	10	10,980	282	47,643
22	Cotton, compressing	11	472,671	60,400	103,000	194,000	115,271	1	41	31,136	257	51,040
23	Cotton, ginning[1]	1,216	2,006,406	77,867	396,298	1,444,813	87,428	1,531	102	11,249	1,518	194,133
24	Cotton goods	31	11,638,757	327,152	2,364,991	5,198,990	3,747,624	-------	159	197,700	8,332	1,482,226
25	Druggists' preparations, not including prescriptions.	7	13,650	100	500	4,175	8,875	6	20	9,336	7	1,174
26	Dyeing and cleaning	16	15,395	2,540	2,500	4,895	5,460	17	5	2,856	41	12,454
27	Electrical construction and repairs	6	26,700	-------	-------	5,850	20,850	5	7	4,150	44	19,485
28	Fertilizers	17	1,407,323	18,118	225,500	175,518	988,187	32	60	61,975	439	94,965
29	Flouring and grist mill products	781	1,047,961	118,425	240,400	494,533	194,603	934	39	22,691	540	92,858
30	Foundry and machine shop products	74	4,826,825	344,520	673,592	1,590,744	2,217,969	60	231	251,363	3,461	1,329,566
31	Fruits and vegetables, canning and preserving.	3	7,685	4,110	1,125	850	1,600	3	1	300	16	2,380
32	Furniture, cabinetmaking, repairing, and upholstering.	19	14,565	1,320	1,075	4,200	7,970	24	-------	-------	18	8,670
33	Furniture, factory product	5	75,519	3,925	9,625	16,400	45,569	7	3	2,760	123	35,925
34	Gas, illuminating and heating	11	1,120,539	47,300	145,520	830,996	96,723	-------	40	30,674	75	31,611
35	Ice, manufactured	21	611,367	61,700	77,700	422,600	49,367	11	41	33,280	160	53,106
36	Iron and steel	25	15,913,479	902,188	7,161,378	2,724,947	5,124,966	-------	182	292,861	7,238	2,454,401
37	Leather, tanned, curried, and finished	18	464,005	7,955	38,935	149,575	267,540	19	8	7,200	165	71,440
38	Lime and cement	17	866,547	91,978	86,545	157,270	30,754	17	20	10,645	396	89,957
39	Liquors, distilled	15	33,650	3,970	6,425	20,475	2,780	16	1	1,200	15	5,080
40	Liquors, malt	5	829,446	52,000	284,000	335,000	158,446	-------	34	40,142	239	75,157
41	Lock and gun smithing	14	22,665	1,850	3,650	5,500	11,665	13	1	1,800	17	9,230
42	Looking-glass and picture frames	12	11,470	400	700	1,845	8,525	15	3	540	8	3,775
43	Lumber and timber products	1,111	13,020,183	5,156,012	874,989	4,338,919	2,650,263	1,516	399	310,572	9,273	2,265,018
44	Lumber, planing mill products, including sash, doors, and blinds.	50	345,872	25,900	36,700	138,009	145,263	58	33	25,390	432	140,659
45	Marble and stone work	8	348,122	59,983	24,540	92,965	170,634	4	27	30,230	305	96,331
46	Masonry, brick and stone	14	295,894	-------	50	32,445	263,399	23	24	11,300	481	193,187
47	Mattresses and spring beds	6	50,089	-------	40	8,672	41,377	5	12	5,840	36	14,040
48	Millinery, custom work	110	233,112	11,100	20,080	5,614	196,318	143	41	22,366	246	73,074
49	Mineral and soda waters	20	75,975	2,850	3,050	38,650	31,425	23	9	6,940	79	28,490
50	Monuments and tombstones	21	43,892	3,332	5,430	2,895	32,235	29	2	1,200	54	20,153
51	Oil, cottonseed and cake	28	1,609,674	106,489	383,822	782,762	336,601	21	106	99,020	759	196,700
52	Painting, house, sign, etc	16	22,055	2,410	2,875	2,135	14,635	18	3	1,400	57	19,874
53	Patent medicines and compounds	6	15,145	-------	-------	2,195	12,950	7	13	6,815	19	6,763
54	Photography	46	62,329	2,905	8,125	32,905	18,394	47	2	792	46	18,309
55	Plumbing, and gas and steam fitting	47	137,820	3,000	2,800	10,725	121,295	58	21	13,820	270	111,274
56	Pottery, terra cotta, and fire-clay products.	21	199,585	30,710	63,748	41,350	63,777	28	15	8,450	227	66,667
57	Printing and publishing, book and job	40	224,974	1,350	1,550	151,371	70,703	54	16	16,944	256	100,774
58	Printing and publishing, newspapers and periodicals.	156	621,852	13,945	37,580	362,741	207,586	178	80	79,809	548	241,525
59	Rice, cleaning and polishing	4	2,995	95	400	2,100	400	5	-------	-------	3	360
60	Roofing and roofing materials	8	43,704	4,200	6,500	15,498	17,506	8	3	1,180	85	35,390
61	Saddlery and harness	37	67,565	850	3,450	10,151	53,114	42	7	4,084	35	13,106
62	Sewing machine repairing	6	4,170	500	1,000	970	1,700	6	1	125	2	1,000
63	Ship and boat building, wooden	6	146,946	24,750	2,600	31,820	87,776	4	3	4,300	293	101,526
64	Sugar and molasses, refining	59	4,402	202	294	3,833	73	66	-------	-------	24	3,655
65	Tinsmithing, coppersmithing, and sheet-iron working.	37	183,781	18,800	21,779	24,630	118,572	41	12	14,710	150	59,795
66	Tobacco, cigars and cigarettes	26	116,145	4,005	6,775	3,424	101,941	29	13	13,530	186	38,395
67	Trunks and valises	3	2,350	-------	-------	700	2,150	4	-------	-------	14	4,500
68	Turpentine and rosin	152	1,176,391	525,973	111,929	161,773	376,716	236	162	67,062	3,716	780,573
69	Typewriter repairing	3	385	-------	-------	100	285	3	-------	-------	3	950
70	Vinegar and cider	3	4,951	-------	-------	1,075	3,876	4	2	1,500	5	1,860
71	Watch, clock, and jewelry repairing	92	76,026	4,250	6,560	28,126	37,090	103	1	300	57	37,357
72	Wood, turned and carved	8	78,570	9,000	15,150	23,050	31,370	7	17	12,145	234	60,570
73	Woolen goods	11	97,759	2,175	14,795	31,723	49,066	13	2	1,820	75	10,458
74	All other industries[2]	52	1,793,594	195,775	472,449	493,550	631,820	40	109	101,578	1,502	504,039

[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.

[2] Embraces agricultural implements, 1; baking and yeast powders, 2; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; bottling, 1; boxes, cigar, 1; boxes, wooden packing, 1; brass castings and brass finishing, 2; bridges, 1; bronze castings, 1; carpets and rugs, other than rag, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; coffins, burial cases, and undertakers' goods, 1; dyeing and finishing textiles, 1; explosives, 2; foundry supplies, 2; furnishing

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
992	$239,852			130	$16,851	$38,046	$6,464	$2,713	$10,844	$18,025	$142,932	$32,483	$110,449	$657,794	7
36	10,076	1	$150	7	565	1,404	1,000	165	229	10	26,406	26,399	7	67,270	8
741	250,615			1	60	28,246	2,778	1,412	4,731	19,325	455,078	453,984	1,094	939,142	9
60	13,130					1,866		85	1,581	200	25,183	24,035	1,148	55,326	10
394	126,609			14	2,038	40,928	6,500	2,876	31,177	375	230,397	226,186	4,211	556,327	11
4,019	1,939,170	11	1,861			86,045		12,276	73,769		2,032,166	1,996,738	35,428	4,172,192	12
467	[illegible],042					3,294	1,030	108	1,271	885	27,838	27,838		132,376	13
3	1,217	1	60			175		108	67		8,034	7,418	616	12,969	14
163	80,232	68	18,780	3	192	22,450	15,327	1,968	4,865	290	171,131	169,448	1,683	404,213	15
16	6,265	165	39,281	10	1,000	5,593	3,332	589	1,672		152,424	151,371	1,053	262,454	16
		106	22,223			2,891	2,127	85	679		14,918	14,691	227	66,485	17
1,558	527,757			34	7,865	180,290		16,764	130,854	32,672	2,673,508	2,667,328	6,240	3,726,433	18
82	16,864	33	3,676	30	1,752	17,311	8,278	1,182	7,851		137,264	133,988	3,276	255,486	19
89	26,330					6,981	1,155	376	5,400	50	16,155	15,915	240	69,000	20
89	25,771	105	13,525	88	8,347	14,654	775	1,749	12,130		166,145	160,588	5,557	253,560	21
262	50,640			5	400	27,526	1,026	6,586	19,914		70,709	62,985	7,724	263,893	22
1,509	193,658			9	475	42,560	5,231	17,430	19,829	70	291,729	220,094	71,635	1,218,283	23
3,152	789,225	2,743	463,241	2,437	229,757	511,296		42,809	468,487		4,825,981	4,683,994	141,987	8,153,136	24
7	1,174					3,635	2,900	457	278		3,780	3,687	93	31,505	25
31	11,032	8	1,292	2	130	5,080	3,242	271	1,567		8,284	7,472	812	46,875	26
41	10,220			3	265	7,990	3,695	275	2,930	1,000	71,695	70,740	955	113,692	27
439	94,965					92,704	900	22,924	68,880		1,387,385	1,366,831	20,554	2,068,162	28
539	92,708			1	150	34,654	9,783	9,162	14,765	944	2,787,634	2,759,436	28,198	3,810,757	29
3,427	1,323,471			34	6,095	298,553	13,356	22,178	218,160	44,859	2,755,921	2,614,386	141,535	5,482,441	30
9	1,760	4	400	3	220	135		45	60	30	3,418	3,295	123	7,947	31
18	8,670					2,246	1,670	184	292	100	9,551	9,069	482	32,264	32
114	34,825			9	1,100	3,790	25	431	3,334		46,142	45,182	960	107,185	33
75	31,611					54,396		11,939	42,457		51,010	49,233	1,777	232,802	34
160	53,106					31,352	3,799	4,239	23,314		50,554	23,669	26,885	242,111	35
7,201	2,449,705			37	4,696	896,126	1,075	68,344	826,707		10,062,094	5,421,083	4,641,011	17,392,483	36
165	71,440					44,107		1,865	42,167	75	672,017	658,959	13,058	1,005,358	37
385	88,641	6	685	5	631	9,214	2,315	783	5,535	581	58,217	38,736	19,481	230,664	38
15	5,080					116,090	40	107	115,783	160	25,262	22,862	2,400	152,758	39
234	73,657	5	1,500			150,039		6,342	143,697		134,653	110,927	23,726	481,640	40
17	9,230					2,533	1,727	82	724		3,973	3,782	191	24,450	41
8	3,775					2,527	2,155	98	274		12,151	12,122	29	28,128	42
8,851	2,206,997	67	11,757	355	46,264	277,521	21,921	59,093	196,507		6,646,124	6,644,907	1,217	12,867,551	43
423	139,341	3	700	6	618	15,880	3,960	2,402	8,673	645	452,649	446,643	6,006	763,125	44
304	96,218			1	113	10,164	1,625	1,155	7,384		69,792	63,225	6,567	257,023	45
474	192,682			7	505	18,194	505	874	3,105	13,650	447,979	447,929	50	771,489	46
25	10,500	11	3,540			4,674	2,644	306	1,724		72,897	72,332	565	109,440	47
10	4,864	234	68,005	2	205	31,333	18,688	1,744	10,826	75	290,962	290,091	871	539,878	48
76	28,240			3	250	12,516	3,598	2,809	6,034	75	42,440	41,291	1,149	144,069	49
54	20,153					1,970	946	296	658	70	47,907	47,822	85	98,295	50
757	196,261	2	439			194,450	1,250	15,477	171,705	6,018	2,103,768	2,033,122	70,646	2,985,890	51
57	19,874					1,228	978	115	135		21,856	21,813	43	59,890	52
11	5,840	6	798	2	125	8,614	1,187	117	7,310		26,651	26,599	52	58,400	53
32	14,386	13	3,779	1	144	12,950	7,508	757	4,285	400	37,619	37,333	286	124,492	54
268	111,057			2	217	15,803	9,014	2,220	4,569		230,410	229,125	1,285	480,917	55
209	64,166			18	2,501	4,812	770	887	3,105	50	59,523	31,035	28,488	225,335	56
215	90,949	32	9,100	9	725	17,298	9,473	1,748	6,039	43	114,576	110,446	4,130	318,767	57
459	229,549	21	5,368	63	6,608	84,881	16,498	4,313	51,237	12,833	158,677	149,042	9,635	841,036	58
3	360					29		6	23		3,615	3,515	100	4,816	59
85	35,390					2,663	1,315	765	583		177,740	177,324	416	255,240	60
32	12,821			3	285	6,856	4,097	602	2,157		53,102	52,746	356	101,000	61
2	1,000					859	688	92	79		2,745	2,720	25	6,678	62
293	101,526					6,022	2,350	1,588	2,184		76,767	76,482	285	240,242	63
22	3,530			2	125	91	3	38	50		32,801	30,141	2,660	44,745	64
142	58,872	2	400	6	523	13,602	3,622	1,448	6,532	2,000	230,843	228,888	1,955	421,419	65
171	86,669	5	1,030	10	696	36,049	7,180	1,087	27,832		94,227	94,132	95	278,044	66
14	4,500					1,564	1,358	41	165		6,925	6,855	70	22,950	67
3,643	773,717	29	2,877	44	3,979	59,214	8,015	8,157	24,616	18,426	650,681	639,169	11,512	2,033,705	68
2	900			1	50	520	240	30	250		580	570	10	2,550	69
5	1,860					2,297	700	72	1,525		11,570	11,570		26,175	70
56	37,257			1	100	14,755	11,344	1,162	2,249		25,927	25,435	492	135,513	71
228	59,809	1	133	5	628	2,176	135	323	1,718		64,719	64,119	600	173,484	72
21	3,863	51	6,395	3	200	8,091	113	231	7,647	100	43,078	42,138	940	67,263	73
1,325	484,399	131	16,590	46	3,050	108,351	9,020	5,458	88,346	5,527	1,564,269	1,525,405	38,864	2,580,413	74

goods, men's, 1; glass, cutting, staining, and ornamenting, 1; hairwork, 1; hand stamps, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; liquors, vinous, 2; optical goods, 2; oysters, canning and preserving, 1; paper hanging, 2; paving and paving materials, 2; plastering and stuccowork, 1; pumps, not including steam pumps, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; soda water apparatus, 1; tobacco, chewing, smoking, and snuff, 1; upholstering materials, 1; washing machines and clothes wringers, 1; woodenware, not elsewhere specified, 2.

TABLE 8.—MANUFACTURES IN CITIES

BIRMINGHAM.

	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	283	$7,434,654	$579,430	$1,527,434	$2,466,453	$2,861,337	284	359	$405,424	6,675	$2,587,221
2	Bicycle and tricycle repairing	6	19,650			4,000	15,650	7			16	6,590
3	Blacksmithing and wheelwrighting	18	6,320			2,310	4,010	23			35	14,599
4	Boots and shoes, custom work and repairing.	31	6,175			2,475	3,700	34			29	10,490
5	Bread and other bakery products	8	67,155	8,000	9,000	25,700	24,455	7	27	16,760	87	26,552
6	Brick and tile	3	16,650		3,000	2,150	11,500	4			75	20,791
7	Carpentering	13	13,500			2,050	11,450	15	1	3,600	115	59,550
8	Carriages and wagons	6	22,900		400	9,400	13,100	7			54	22,700
9	Cars and general shop construction and repairs by steam railroad companies.	3	403,653	70,000	90,300	85,700	157,653		22	18,862	1,195	609,411
10	Clothing, men's, custom work and repairing.	12	64,750			8,100	61,650	18	1	1,000	80	42,432
11	Clothing, women's, dressmaking	7	2,925			1,825	1,100	7	1	1,200	64	15,828
12	Confectionery	4	5,700			2,000	3,700	4	2	1,020	10	3,440
13	Dyeing and cleaning	7	2,865			1,600	1,265	7	1	720	18	4,735
14	Electrical construction and repairs	3	21,450			4,050	17,400	2	6	3,970	36	16,655
15	Flouring and grist mill products	3	46,250	1,000	2,000	16,500	26,750	1	7	7,420	14	4,530
16	Foundry and machine shop products	16	1,314,620	79,000	110,228	310,191	815,201	11	65	82,419	873	339,866
17	Furniture, cabinetmaking, repairing, and upholstering.	4	1,550			625	925	3			5	2,050
18	Iron and steel	4	2,602,291	100,000	886,000	552,658	1,003,633		37	77,691	2,010	750,895
19	Looking-glass and picture frames	3	3,250			350	2,900	5			4	2,200
20	Lumber, planing mill products, including sash, doors, and blinds.	4	48,710		3,150	24,500	21,060	4	6	5,180	90	35,396
21	Mattresses and spring beds	4	39,974			7,622	32,352	4	8	4,660	25	7,340
22	Millinery, custom work	7	35,025	2,000	3,000	1,225	28,800	11	3	4,600	68	24,600
23	Mineral and soda waters	3	13,500			8,000	5,500	3	3	2,320	23	8,400
24	Patent medicines and compounds	4	12,110			1,585	10,525	6	9	3,335	11	4,800
25	Photography	8	10,225		400	6,300	3,525	8			13	5,950
26	Plumbing, and gas and steam fitting	9	28,800			2,750	26,050	10	8	7,100	77	33,700
27	Printing and publishing, book and job	5	87,643			57,416	30,227	3	14	14,544	99	52,685
28	Printing and publishing, newspapers and periodicals.	13	145,050	100		102,100	42,850	8	50	51,730	104	62,000
29	Saddlery and harness	6	9,523			1,816	7,707	6	1	364	6	2,547
30	Tinsmithing, coppersmithing, and sheet-iron working.	4	29,224	4,200	1,462	2,646	20,916	3	4	5,500	35	14,949
31	Tobacco, cigars and cigarettes	5	2,542	500	150	182	1,710	6			11	4,992
32	Watch, clock, and jewelry repairing	18	11,725			8,350	3,375	20			13	9,490
33	All other industries[1]	42	2,338,949	254,630	418,344	1,215,277	450,698	37	83	91,399	1,350	367,058

[1] Embraces baking and yeast powders, 1; brass castings and brass finishing, 2; bronze castings, 1; brooms and brushes, 1; clothing, men's, factory product, 2; coke, 2; cotton, compressing, 2; cotton goods, 2; fertilizers, 1; fruits and vegetables, canning and preserving, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ice, manufactured, 2; ironwork, architectural and ornamental, 1; liquors, malt, 2; lumber and timber

MOBILE.

1	All industries	222	$3,294,238	$318,100	$589,886	$1,144,478	$1,291,774	238	203	$173,810	2,827	$1,139,605
2	Awnings, tents, and sails	3	4,450			1,250	3,200	3			9	6,625
3	Bicycle and tricycle repairing	4	4,985			285	4,700	5			4	719
4	Blacksmithing and wheelwrighting	10	18,375	3,550	6,350	3,875	4,600	12	1	75	23	10,404
5	Boots and shoes, custom work and repairing.	13	6,635	2,500	1,500	1,955	680	13			8	1,140
6	Bread and other bakery products	17	61,810	18,900	20,800	9,895	12,215	18	8	8,050	75	29,258
7	Carpentering	3	18,100			2,800	15,300	4	1	900	80	33,280
8	Carriages and wagons	5	5,550	500	200	1,600	3,250	4	1	500	21	8,906
9	Clothing, men's, custom work and repairing.	10	17,760			1,410	16,350	11	1	250	24	11,150
10	Clothing, men's, factory product	3	24,600			6,100	18,500	5	7	4,400	24	6,750
11	Confectionery	5	10,250	2,500	1,075	1,175	5,500	6	5	1,930	9	2,750
12	Cooperage	3	31,900		400	20,000	11,500	2	1	960	31	14,200
13	Flouring and grist mill products	3	62,000	2,000	6,000	12,000	42,000	3	7	6,140	23	8,500
14	Foundry and machine shop products	7	185,300	6,600	33,000	70,900	74,800	10	11	10,580	252	120,830
15	Furniture, cabinetmaking, repairing, and upholstering.	3	2,900			200	2,700	3			3	600
16	Lock and gun smithing	5	7,075	150	350	725	5,850	4			3	1,280
17	Looking-glass and picture frames	3	2,250			650	1,600	3	1	240		
18	Lumber and timber products	4	342,650	141,550	15,500	91,100	94,500	3	16	21,560	321	113,400
19	Masonry, brick and stone	5	228,300		50	22,450	206,300	9	9	5,100	86	39,850
20	Millinery, custom work	5	28,475	3,000	3,000	300	22,175	5	7	2,000	17	4,660
21	Mineral and soda waters	3	18,900			5,100	8,800	3	2	2,220	14	9,282
22	Photography	4	14,200		150	9,000	5,050	4	1	312	10	5,054
23	Plumbing, and gas and steam fitting	16	55,435	2,000	1,000	2,185	50,250	20	9	4,000	86	42,185
24	Printing and publishing, book and job	9	54,205			33,855	20,350	15			66	24,948
25	Printing and publishing, newspapers and periodicals.	6	122,150	5,000	20,000	47,000	50,150	10	15	17,044	74	43,562
26	Ship and boat building, wooden	4	146,026	24,000	2,500	31,750	87,776	2	3	4,300	291	100,816

BY SPECIFIED INDUSTRIES: 1900.

BIRMINGHAM.

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
5,980	$2,440,998	484	$122,975	211	$23,248	$533,368	$82,801	$40,630	$380,920	$29,017	$6,045,552	$4,893,413	$1,152,139	$12,581,066	1
16	6,590					2,320	1,630	80	610		8,834	8,635	199	26,375	2
34	14,510			1	89	3,297	2,266	189	842		11,919	11,051	868	52,852	3
28	10,290	1	200			3,422	3,292	62	68		18,830	18,760	70	52,170	4
70	23,352	17	3,200			13,142	4,540	1,058	2,008	5,536	144,614	140,418	4,196	252,658	5
61	18,816			14	1,975	665	595	40	30		6,973	2,278	4,695	41,200	6
115	59,550					11,512	1,510	217	785	9,000	72,763	72,757	6	165,775	7
54	22,700					3,825	2,440	275	1,110		27,850	27,200	650	69,750	8
1,187	608,051	8	1,360			5,952		3,028	2,924		483,481	477,080	6,401	1,117,706	9
60	35,702	19	6,650	1	80	9,500	7,448	640	1,412		77,390	77,220	170	184,160	10
		64	15,828			2,302	1,604	73	625		10,175	10,075	100	47,470	11
5	2,240	5	1,200			2,747	642	65	2,040		13,489	13,323	166	37,050	12
14	4,150	4	585			2,369	1,822	102	445		2,527	2,149	378	17,448	13
34	16,480			2	175	6,950	2,980	270	2,700	1,000	60,115	59,225	890	92,900	14
14	4,530					5,318	3,271	216	1,831		256,763	253,967	2,796	287,342	15
873	339,866					76,093	8,700	4,429	62,964		701,043	676,862	24,181	1,418,236	16
5	2,050					361	260	66	35		1,040	1,040		5,300	17
2,032	750,570			8	825	132,718	1,075	13,860	117,783		2,568,172	1,500,368	1,067,804	5,461,358	18
4	2,200					705	660	20	25		5,815	5,800	15	12,600	19
90	35,396					2,806	1,355	535	916		76,568	75,590	978	140,230	20
17	5,300	8	2,040			3,334	2,094	206	1,534		53,842	53,427	415	78,120	21
5	3,000	63	21,600			4,171	3,730	286	155		60,675	60,350	325	123,600	22
23	8,400					1,342	480	325	537		16,836	16,251	585	56,159	23
9	4,500	2	300			3,939	522	117	3,300		11,686	11,534	52	32,500	24
12	5,550	1	400			3,019	2,598	156	65	200	7,055	6,950	105	23,237	25
77	33,700					4,416	2,895	681	840		61,523	61,025	498	144,700	26
83	48,257	16	4,428			6,094	2,740	525	2,829		63,410	61,605	1,805	148,699	27
97	59,740	4	1,910	8	350	48,837	5,421	876	31,259	11,281	61,425	58,958	2,467	286,420	28
5	2,434			1	113	2,027	987	25	1,015		6,581	6,551	30	14,670	29
34	14,907			1	42	4,797	755	272	1,770	2,000	54,837	53,827	1,010	103,100	30
9	4,800			2	192	5,287	1,982	87	3,218		10,290	10,280	10	33,530	31
12	9,390			1	100	3,251	2,649	195	407		8,196	8,087	109	34,245	32
901	283,977	272	63,274	177	19,807	156,350	9,858	11,654	134,838		1,081,935	1,051,770	30,165	2,019,506	33

products, 1; marble and stone work, 1; masonry, brick and stone, 1; monuments and tombstones, 2; oil, cottonseed and cake, 2; painting, house, sign, etc., 2. paper hanging, 1; roofing and roofing materials, 2; tobacco, chewing, smoking, and snuff, 1; trunks and valises, 2; typewriter repairing, 2; vinegar and cider, 2.

MOBILE.

2,686	$1,114,037	83	$20,030	58	$5,538	$272,987	$56,366	$22,336	$180,395	$13,890	$2,046,400	$1,986,002	$60,398	$4,451,062	1
9	6,625					547	320	15	212		21,110	21,110		37,500	2
2	500			2	219	943	876	47	20		1,675	1,675		6,800	3
23	10,404					1,584	1,164	210	210		13,603	13,177	426	33,240	4
3	1,140					1,080	920	96	64		4,195	4,195		12,307	5
75	29,258					3,956	3,021	538	397		93,261	90,139	3,122	162,409	6
80	33,280					1,030	480	100	450		39,300	39,050	250	103,000	7
21	8,906					1,466	1,220	53	193		12,236	12,043	193	35,270	8
21	10,150	3	1,000			4,545	3,276	253	1,016		17,360	17,360		42,150	9
		24	6,750			2,428	2,132	146	150		33,600	33,400	200	62,800	10
9	2,750					2,455	1,810	140	505		11,935	11,651	284	22,140	11
31	14,200					3,848	1,130	343	2,375		13,040	12,940	100	46,000	12
23	8,800					4,505	3,000	455	1,050		403,996	399,696	4,300	454,144	13
249	120,570			3	260	8,127	2,838	1,155	4,134		108,100	98,650	9,450	304,487	14
3	600					698	640	38	20		1,775	1,775		5,850	15
3	1,230					870	684	37	158		2,070	2,070		6,100	16
						870	795	25	50		3,140	3,140		7,450	17
321	113,400					13,087	4,620	2,610	5,857		299,672	299,672		566,800	18
86	39,850					15,737	405	107	1,575	13,650	104,339	104,339		187,464	19
		17	4,660			2,375	1,640	165	670		13,750	13,750		33,200	20
14	9,282					1,975	965	196	814		7,734	7,566	168	29,000	21
7	4,182	2	728	1	144	3,252	2,050	145	1,057		6,315	6,315		17,750	22
84	41,968			2	217	4,932	2,905	755	1,272		95,581	95,132	449	173,174	23
59	22,098	4	1,960	3	290	4,941	3,215	492	1,234		20,949	19,725	1,224	71,730	24
70	43,046	1	240	3	276	9,766	1,240	537	7,749	240	17,341	14,634	2,707	127,930	25
291	100,816					6,013	2,350	1,529	2,134		75,218	74,943	275	236,142	26

TABLE 8.—MANUFACTURES IN CITIES

MOBILE—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.
27	Tinsmithing, coppersmithing, and sheet-iron working.	8	$61,960	$4,100	$3,117	$8,160	$46,583	8	3	$2,910	44	$16,856
28	Tobacco, cigars and cigarettes	11	92,050	3,500	6,600	2,050	79,900	11	16	12,330	145	70,640
29	Watch, clock, and jewelry repairing	12	7,980	500	1,000	3,325	3,155	12			14	10,580
30	All other industries[1]	38	1,662,467	97,750	417,294	753,383	394,040	30	78	72,949	1,075	401,435

[1] Embraces baking and yeast powders, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; boxes, cigar, 1; brick and tile, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 1; cotton goods, 1; dyeing and cleaning, 2; electrical construction and repairs, 1; fertilizers, 1; gas, illuminating and heating, 2; hairwork, 1; hand stamps, 1; ice, manufactured, 2; liquors, malt, 1; lumber, planing mill products, including

MONTGOMERY.

1	All industries	163	$2,930,782	$243,950	$479,578	$1,006,895	$1,200,359	196	204	$163,537	2,359	$802,188
2	Blacksmithing and wheelwrighting	9	3,487	50	50	1,220	2,167	13	1	240	23	7,787
3	Boots and shoes, custom work and repairing.	12	1,901			1,306	595	13			10	2,572
4	Bread and other bakery products	5	92,807	16,000	26,000	29,694	21,113	5	14	7,628	72	20,556
5	Carpentering	6	36,060	4,350	3,700	1,810	26,200	9	2	990	108	38,760
6	Carriages and wagons	3	36,456	5,000	2,500	2,529	26,427	3	7	5,480	47	15,400
7	Cars and general shop construction and repairs by steam railroad companies.	3	196,989	31,250	57,110	33,190	75,439		9	8,229	327	146,783
8	Clothing, men's, custom work and repairing.	9	27,150			2,200	24,950	12	2	2,120	43	21,000
9	Clothing, women's, dressmaking	4	2,410			760	1,650	4			30	4,070
10	Confectionery	6	98,050			19,350	78,700	11	27	10,515	81	12,721
11	Dyeing and cleaning	3	3,125			1,080	2,045	4	3	1,536	9	2,682
12	Foundry and machine shop products	5	188,878	53,000	25,500	56,300	54,078	7	3	7,360	87	34,500
13	Furniture, cabinetmaking, repairing, and upholstering.	3	925			275	650	3			3	1,240
14	Ice, manufactured	3	40,700	800	6,200	28,000	5,700	4	2	1,200	8	3,945
15	Lumber, planing mill products, including sash, doors, and blinds.	3	21,000	3,000	1,500	11,500	5,000	4	2	1,750	31	12,220
16	Masonry, brick and stone	3	45,157			6,500	38,657	6	3	2,700	247	118,440
17	Millinery, custom work	9	48,765			465	48,300	13	23	13,940	53	19,080
18	Painting, house, sign, etc	3	1,350			450	900	3			5	3,025
19	Photography	4	7,190		40	4,600	2,550	4			3	1,065
20	Plumbing, and gas and steam fitting	7	11,750			1,250	10,500	10	1	900	43	13,876
21	Printing and publishing, book and job	6	39,401			29,900	9,501	9	2	2,400	56	14,287
22	Printing and publishing, newspapers and periodicals.	3	56,700	2,500	2,000	37,700	14,500	1	5	5,820	57	38,292
23	Saddlery and harness	4	2,632			1,115	1,517	5	1	120	2	357
24	Tinsmithing, coppersmithing, and sheet-iron working.	4	5,595	1,000	1,500	1,375	1,720	6			8	3,283
25	Watch, clock, and jewelry repairing	10	5,650			2,540	3,110	11			8	9,100
26	All other industries[1]	36	1,956,654	127,000	353,478	731,786	744,390	36	92	90,609	993	257,147

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; bottling, 1; brick and tile, 1; brooms and brushes, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 2; cordage and twine, 1; cotton, compressing, 1; cotton, ginning, 1; cotton goods, 2; electrical construction and repairs, 2; fertilizers, 2; gas, illuminating and heating, 1; liquors, distilled, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	555	$15,567,522	$1,263,201	$4,183,548	$4,898,106	$5,267,667	559	532	$488,018	10,820	$3,555,503
2	Anniston	59	2,396,273	146,540	451,830	929,320	868,583	52	64	64,566	1,997	649,983
3	Bessemer	42	3,620,082	519,287	1,166,534	833,260	1,101,001	33	49	57,639	1,669	605,741
4	Decatur	24	229,807	33,500	23,875	82,645	89,787	25	10	7,052	198	54,650
5	Florence	33	871,373	60,200	219,326	178,309	413,538	30	52	39,937	595	177,313
6	Fort Payne	17	85,405	1,195	11,010	19,190	54,010	21	6	4,600	88	37,982
7	Gadsden	35	1,184,805	155,575	395,260	222,586	411,384	47	25	25,078	520	165,475
8	Huntsville	79	1,877,781	96,237	283,180	835,050	663,314	85	53	51,308	1,203	283,575
9	New Decatur	30	1,348,871	45,250	316,725	499,810	487,086	25	56	51,784	1,521	700,196
10	Opelika	30	148,275	8,650	16,800	52,955	69,870	34	22	12,490	214	48,023
11	Phoenix	6	33,595	3,300	8,675	13,910	7,710	5	2	800	16	4,548
12	Selma	98	1,296,308	49,605	229,748	568,638	448,317	98	133	106,400	1,343	392,016
13	Sheffield	21	1,226,258	89,600	569,749	210,746	356,163	25	25	34,300	678	246,009
14	Talladega	22	848,414	24,487	333,751	233,468	206,708	13	20	14,981	343	77,311
15	Tuscaloosa	43	353,925	15,450	52,560	207,569	78,346	44	13	16,682	407	104,141
16	Tuscumbia	16	46,350	14,325	9,525	10,650	11,850	22	2	396	28	8,040

BY SPECIFIED INDUSTRIES: 1900—Continued.

MOBILE—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.										
43	$16,786	------	------	1	$120	$2,707	$984	$479	$1,244	------	$48,995	$48,392	$603	$99,010	27
144	70,490	------	------	1	150	24,108	3,760	726	19,622	------	66,475	66,475	------	200,000	28
14	10,580	------	------	------	------	1,877	1,645	187	45	------	2,680	2,680	------	25,100	29
1,001	392,881	32	$4,692	42	3,862	143,256	6,381	10,757	126,118	------	511,955	475,308	36,647	1,343,115	30

sash, doors, and blinds, 2; marble and stone work, 2; mattresses and spring beds, 1; oil, cottonseed and cake, 1; painting, house, sign, etc., 2; roofing and roofing materials, 1; saddlery and harness, 2; sewing machine repairing, 2; shirts, 1; trunks and valises, 1; upholstering materials, 1; vinegar and cider, 1; woodenware, not elsewhere specified, 1.

MONTGOMERY.

1,856	$711,533	360	$74,887	143	$15,768	$342,890	$36,577	$28,038	$276,712	$1,563	$2,902,054	$2,840,353	$61,701	$5,035,190	1
28	7,787	------	------	------	------	1,702	1,616	2	84	------	6,708	6,443	260	27,585	2
10	2,572	------	------	------	------	1,547	1,419	17	111	------	4,045	3,932	113	14,287	3
52	16,922	12	2,554	8	1,080	5,493	2,640	990	1,863	------	89,897	87,291	2,606	165,820	4
108	38,760	------	------	------	------	2,099	------	179	920	1,000	61,479	61,317	153	133,550	5
47	15,400	------	------	------	------	3,388	1,500	638	1,250	------	23,551	22,921	630	59,810	6
325	146,433	2	350	------	------	5,879	------	2,965	2,914	------	189,241	187,479	1,762	350,182	7
43	19,490	5	1,510	------	------	3,665	1,710	545	1,410	------	23,226	22,599	627	67,877	8
------	------	30	4,070	------	------	438	406	------	32	------	4,103	4,056	47	13,165	9
50	9,927	13	1,750	18	1,044	10,843	5,286	747	4,810	------	65,543	63,880	1,663	197,331	10
7	2,344	1	260	1	78	1,346	550	------	796	------	3,850	3,765	85	13,059	11
87	34,500	------	------	------	------	6,554	780	1,664	4,110	------	76,837	71,847	4,990	167,340	12
3	1,240	------	------	------	------	453	410	------	43	------	1,400	1,400	------	3,925	13
8	3,945	------	------	------	------	1,190	180	165	845	------	2,020	1,100	920	20,325	14
31	12,220	------	------	------	------	1,205	276	150	734	45	10,204	9,679	525	36,500	15
247	118,440	------	------	------	------	1,582	------	602	980	------	291,050	291,000	50	454,500	16
2	700	51	18,380	------	------	12,836	5,196	482	7,158	------	83,587	83,500	87	153,825	17
5	3,025	------	------	------	------	425	390	------	35	------	758	740	18	5,750	18
3	1,065	------	------	------	------	1,675	924	46	705	------	4,348	4,301	47	16,800	19
43	13,876	------	------	------	------	3,202	1,830	292	1,080	------	25,009	24,813	196	61,659	20
39	11,336	12	2,612	5	839	3,258	1,720	324	1,171	43	16,066	15,399	667	48,929	21
56	38,032	1	260	------	------	4,230	1,475	435	2,320	------	15,624	13,992	1,632	83,060	22
1	285	------	------	1	72	635	560	------	75	------	2,829	2,797	32	8,049	23
5	2,958	------	------	3	325	530	450	30	50	------	3,716	3,665	51	12,473	24
8	9,100	------	------	------	------	2,688	2,034	156	498	------	3,087	2,990	97	20,400	25
653	201,176	233	43,141	107	12,830	266,027	5,225	17,609	242,718	475	1,893,890	1,849,447	44,443	2,959,039	26

and picture frames, 2; marble and stone work, 2; mineral and soda waters, 2; oil, cottonseed and cake, 2; optical goods, 1; paving and paving materials, 1; sewing machine repairing, 1; slaughtering, wholesale, not including meat packing, 1; tobacco, cigars and cigarettes, 1; typewriter repairing, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

9,179	$3,325,915	933	$159,934	708	$69,654	$1,059,783	$50,079	$83,599	$908,975	$17,130	$10,718,620	$9,129,047	$1,589,573	$18,152,328	1
1,593	591,581	242	36,803	162	21,599	134,530	6,168	13,093	109,779	5,490	1,414,873	1,342,384	72,489	2,594,758	2
1,652	602,488	4	960	13	2,293	317,590	9,343	19,431	288,816	------	2,206,654	1,491,059	715,595	3,561,549	3
189	52,792	4	1,530	5	328	7,574	952	1,452	5,070	100	108,799	106,049	2,750	237,265	4
557	173,177	1	300	37	4,386	50,370	1,212	4,241	44,917	------	693,432	588,344	105,088	1,037,471	5
84	37,402	4	580	------	------	4,206	374	413	3,319	100	71,652	66,796	4,856	155,916	6
503	162,008	9	2,685	8	782	24,180	2,257	2,617	19,106	200	463,738	387,721	76,017	848,751	7
684	213,283	282	53,079	237	17,213	152,637	7,015	11,092	131,558	2,972	890,118	862,278	27,840	1,728,711	8
1,510	698,796	4	844	7	556	81,286	1,649	5,891	72,946	800	1,833,549	1,797,355	36,194	2,976,919	9
206	47,388	6	435	2	200	10,943	2,642	3,269	5,032	------	206,280	201,959	4,321	335,071	10
16	4,548	------	------	------	------	5,361	93	225	5,043	------	7,644	4,789	2,855	22,350	11
981	336,222	248	43,983	114	11,811	93,034	13,079	11,955	61,032	6,968	1,163,936	1,116,144	47,792	2,015,777	12
663	242,628	3	551	12	2,830	123,390	777	5,634	116,979	------	874,592	498,366	376,226	1,461,418	13
229	65,207	54	7,050	60	5,054	25,979	1,197	1,951	22,831	------	427,544	320,995	106,549	583,902	14
286	90,619	71	10,966	50	2,556	26,918	2,627	1,854	21,937	500	304,529	294,545	9,984	511,683	15
26	7,776	1	168	1	96	1,785	691	481	610	------	51,280	50,263	1,017	80,787	16

ALASKA.

Alaska became a possession of the United States in 1867, but the Eleventh Census (1890) was the first census in which statistics of manufactures were collected for the territory. The canvass at both the Eleventh and Twelfth censuses was conducted by the special agents who enumerated the population, and it is probable that reports were not received for all establishments in operation during these census years. In 1890 the only establishments reported were engaged in the manufacture of lumber and timber products, although the statistics of exports from the territory indicate that considerable fish canning and oil manufacture were carried on at that time.

No counties or civil divisions exist in the territory, and for the purposes of enumeration two districts were established. The Northern district includes the valley of the Yukon and all the territory north of it. The Southern district embraces the remaining territory, including the Alaskan Peninsula and the chain of the Aleutian Islands.

Table 1 is a summary of the manufacturing and mechanical industries of the territory as returned at the census of 1900.

TABLE 1.—SUMMARY FOR 1900.

Number of establishments	63
Capital	$3,600,409
Salaried officials, clerks, etc., number	82
Salaries	$117,480
Wage-earners, average number	2,263
Total wages	$1,395,709
Men, 16 years and over	2,262
Wages	$1,395,304
Women, 16 years and over	1
Wages	$405
Children, under 16 years	
Wages	
Miscellaneous expenses	$170,334
Cost of materials used	$1,785,776
Value of products, including custom work and repairing	$4,250,984

Table 2 is a summary of the statistics of all establishments in the territory, including 2 eleemosynary institutions. The statistics of the latter 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	65	$3,622,484	42	2,274	$1,406,159	$172,834	$1,812,396	$3,114	$1,679,272	$130,010	$4,298,884
Eleemosynary institutions	2	22,075		11	10,450	2,500	26,620	1,000	25,620		47,900
All other establishments	63	3,600,409	42	2,263	1,395,709	170,334	1,785,776	2,114	1,653,652	130,010	4,250,984

Table 3 is a comparative summary of the reports for lumber and timber products as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 3.—LUMBER AND TIMBER PRODUCTS, 1890 AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	25	10	150.0
Capital	$181,950	$105,727	72.1
Wage-earners, average number	81	78	3.8
Total wages	$76,988	$18,625	313.4
Miscellaneous expenses	$12,280	$5,252	133.8
Cost of materials used	$90,683	$30,198	200.3
Value of products, including custom work and repairing	$211,229	$58,440	261.4

Table 4 shows the totals for the Northern and Southern districts of the territory.

Table 5 shows the totals for the territory by specified industries.

The canning and preserving of fish is the most important manufacturing industry, the value of its products, $3,821,136, constituting 89.9 per cent of the total for the territory. It is one of the most important and extensive manufacturing industries of the Pacific Coast. As indicated above, it ranks first in importance in Alaska, and, according to the returns of the Twelfth Census, third in the states of Washington and Oregon, and is an important industry in California. Of the total number of establishments reported as engaged in the canning and preserving of fish on the Pacific Coast, 36, or 31.3 per cent, are located in Alaska, and the value of products forms 33.8 per cent of the total value reported for the group. The number of establishments and value of products for this industry in Alaska exceed the combined returns of Oregon and California for the same industry. Washington, however, has the same number of establishments and a greater value of products. The canning establishments of Alaska are largely controlled by California capital.

Fish canning and fish-oil manufacture on the Pacific Coast are ordinarily carried on in connection with fishing, and it has been impossible to limit the statistics to the strictly manufacturing operations. For this reason the total value of materials purchased in the raw state for Alaska (shown in Table 2) is inconsiderable compared with the value of material purchased in partly manufactured form. These latter, in the canning industry and the oil manufacture, include cans, cases, etc.

TABLE 4.—MANUFACTURES BY DISTRICTS: 1900.

DISTRICTS.	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.
The Territory	63	$3,600,409	$84,860	$1,092,209	$2,033,605	$389,735	42	82	$117,480	2,263	$1,395,709
Northern	10	14,600	1,200	1,500	11,900		14	1	250	15	31,999
Southern	53	3,585,809	83,660	1,090,709	2,021,705	389,735	28	81	117,230	2,248	1,363,710

DISTRICTS.	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.		Total.	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.								
The Territory	2,262	$1,395,304	1	$405	$170,334	$32,314	$137,020	$1,000	$1,785,776	$1,743,766	$42,010	$4,250,984
Northern	15	31,999			3,625		3,625		19,620	19,620		67,018
Southern	2,247	1,363,305	1	405	166,709	32,314	133,395	1,000	1,766,156	1,724,146	42,010	4,183,966

TABLE 5.—MANUFACTURES BY SPECIFIED INDUSTRIES: 1900.

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.
All industries	63	$3,600,409	$84,860	$1,092,209	$2,033,605	$389,735	42	82	$117,480	2,263	$1,395,709
Cars and general shop construction and repairs by steam railroad companies.	1	107,231	3,000	20,125	14,106	70,000		2	2,000	57	55,759
Fish, canning and preserving	36	3,203,228	73,135	971,094	1,849,264	309,735	7	64	106,430	2,092	1,242,642
Fish oil	1	108,000	1,500	50,000	46,500	10,000		3	1,800	33	20,320
Lumber and timber products	25	181,950	7,225	50,990	123,735		35	13	7,250	81	76,988

MANUFACTURING AND MECHANICAL INDUSTRIES.	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.		Total.	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.								
All industries	2,262	$1,395,304	1	$405	$170,334	$32,314	$137,020	$1,000	$1,785,776	$1,743,766	$42,010	$4,250,984
Cars and general shop construction and repairs by steam railroad companies.	57	55,759			200		200		66,660	63,300	3,360	124,619
Fish, canning and preserving	2,091	1,242,237	1	405	150,354	31,314	118,540	1,000	1,587,833	1,549,733	38,150	3,821,136
Fish oil	33	20,320			7,000	1,000	6,000		40,550	40,050	500	94,000
Lumber and timber products	81	76,988			12,280		12,280		90,683	90,683		211,229

ARIZONA.

Arizona was organized as a territory on February 24, 1863. Prior to that date it formed a part of the territory of New Mexico; therefore, the Ninth Census (1870) was the first census in which the statistics for the territory were published separately.

Table 1 shows the manufacturing and mechanical industries of the territory as returned at the censuses of 1870 to 1900, inclusive, with the percentages of increase for each decade.

TABLE 1.—COMPARATIVE SUMMARY, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	314	76	66	18	313.2	15.2	266.7
Capital	$10,157,408	$616,629	$272,600	$150,700	1,547.2	126.2	80.9
Salaried officials, clerks, etc., number	210	[1] 70	(2)	(2)	200.0	----------	----------
Salaries	$267,510	[1] $55,981	(2)	(2)	377.9	----------	----------
Wage-earners, average number	3,266	458	220	84	613.1	108.2	161.9
Total wages	$2,369,065	$302,146	$111,180	$45,580	684.1	171.8	143.9
Men, 16 years and over	3,186	440	216	84	624.1	103.7	157.1
Wages	$2,345,813	$296,929	(2)	$45,580	690.0	----------	----------
Women, 16 years and over	42	9	2	(2)	366.7	350.0	----------
Wages	$15,394	$4,435	(2)	(2)	247.1	----------	----------
Children, under 16 years	38	9	2	(2)	322.2	350.0	----------
Wages	$7,858	$782	(2)	(2)	904.9	----------	----------
Miscellaneous expenses	$493,272	$49,231	(3)	(3)	780.1	----------	----------
Cost of materials used	$8,464,410	$353,814	$380,023	$110,090	2,292.3	[4] 6.9	245.2
Value of products, including custom work and repairing	$21,315,189	$947,547	$618,365	$185,410	2,149.5	53.2	233.5

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 4.)
[2] Not reported separately.
[3] Not reported.
[4] Decrease.

While Table 1 shows a rapid increase in the manufacturing and mechanical industries, especially during the past decade, the territory is preeminently a mining and stock-raising region, and the people are chiefly occupied in the development of the natural resources. The totals for 1870 include 2 establishments engaged in milling and smelting quartz and copper not included in the report on manufactures at subsequent censuses. The statistics for copper smelting and refining, which were included in the report on mining at the censuses of 1880 and 1890, are now included in the report on manufactures and constitute 81.1 per cent of the total product of the territory, and this accounts for the abnormal increase shown, for the last decade, in the products.

With the exception of the smelting and refining of ores, manufacturing is almost wholly limited to the so-called neighborhood industries, and practically the entire product is consumed at or near the point of production. The lumber mills and the construction and repair shops of steam railroads are the exceptions to this rule.

Table 2 divides the industries of the territory 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	369	$10,185,840	364	3,282	$2,375,296	$435,595	$8,492,309	$3,953,820	$2,084,836	$2,504,153	$21,357,358
Hand trades[1]	122	201,688	135	243	103,601	25,242	317,450	900	296,450	20,100	662,088
Governmental establishment	1	5,000	----------	2	1,320	----------	13,984	12,884	100	1,050	16,987
Educational, eleemosynary, and penal institutions	5	1,185	----------	4	2,945	125	7,958	----------	7,848	110	10,824
Establishments with a product of less than $500	49	22,247	53	10	1,966	2,198	5,957	16	5,941	----------	14,358
All other establishments	192	9,955,720	176	3,023	2,205,464	408,030	8,146,960	3,940,070	1,728,997	2,482,893	20,653,101

[1] Includes bicycle and tricycle repairing, 6; blacksmithing and wheelwrighting, 38; boots and shoes, custom work and repairing, 11; carpentering, 15; clothing, men's, custom work and repairing, 13; clothing, women's, dressmaking, 3; dyeing and cleaning, 1; lock and gun smithing, 1; masonry, brick and stone, 2; millinery, custom work, 7; painting, house, sign, etc., 5; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 8; watch, clock, and jewelry repairing, 11.

Of the 369 establishments of all classes shown in Table 2, 171, or 46.3 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 $676,441, or only 3.2 per cent of the total products of the territory.

In addition to the 369 active establishments in the terri-

TABLE 3.—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.
1	The Territory	314	$10,157,408	$643,443	$1,471,612	$1,476,596	$6,565,757	311	210	$267,510	3,266	$2,369,065
2	Apache	11	21,327	1,335	6,000	10,590	3,402	11	3	2,000	12	3,250
3	Cochise	14	1,285,153	22,020	40,785	189,600	1,032,748	12	21	40,383	645	412,086
4	Coconino	16	999,837	352,541	117,044	300,681	229,571	13	21	27,140	224	159,177
5	Gila	5	731,513	101,816	235,416	80,085	314,196	2	19	23,287	113	118,797
6	Graham	24	1,447,797	14,325	499,665	183,348	750,459	21	26	43,715	627	500,566
7	Maricopa	81	530,422	42,650	59,235	229,371	199,166	83	47	33,461	317	190,352
8	Mohave	5	36,038	1,200	6,900	23,000	4,938	3	2	900	15	12,680
9	Navajo	18	105,970	10,060	63,198	21,891	10,821	14	1	1,500	186	123,125
10	Pima[1]	88	768,019	77,496	188,496	225,385	276,642	94	36	39,834	553	394,811
11	Santa Cruz	7	65,661	1,800	11,966	14,750	37,145	5	9	13,410	46	33,018
12	Yavapai	44	4,133,105	14,700	235,907	182,655	3,699,843	45	23	40,580	517	416,703
13	Yuma	6	32,566	3,500	7,000	15,240	6,826	8	2	1,300	11	4,500

[1] Two establishments in Pinal county are included in Pima county to avoid disclosing operations of individual establishments.

TABLE 4.—MANUFACTURES BY

1	Total by industries	314	$10,157,408	$643,443	$1,471,612	$1,476,596	$6,565,757	311	210	$267,510	3,266	$2,369,065
2	Bicycle and tricycle repairing	6	14,510	200	1,000	2,600	10,710	6	2	800	11	5,330
3	Blacksmithing and wheelwrighting	33	57,774	16,700	10,925	12,176	17,973	41	------	------	36	20,223
4	Boots and shoes, custom work and repairing.	11	3,820	------	------	785	3,035	11	------	------	3	1,218
5	Bread and other bakery products	8	34,160	3,900	12,800	6,460	11,000	10	2	2,200	35	23,328
6	Brick and tile	19	56,945	3,320	10,555	6,695	31,375	24	3	2,700	89	46,980
7	Carpentering	15	58,168	11,700	9,710	4,150	32,608	22	1	800	92	75,757
8	Carriages and wagons	5	50,450	12,000	11,400	5,350	21,700	3	4	1,180	25	17,396
9	Cars and general shop construction and repairs by steam railroad companies.	7	430,119	54,300	141,289	130,532	103,998	------	14	21,300	576	437,238
10	Cheese, butter, and condensed milk, factory product.	7	73,480	2,975	16,125	25,494	28,886	4	14	5,686	15	9,410
11	Clothing, men's, custom work and repairing.	13	14,175	------	------	1,815	12,360	13	------	------	25	18,625
12	Clothing, women's, dressmaking	3	410	------	------	290	120	4	------	------	3	700
13	Copper, smelting and refining	9	7,265,659	122,266	965,024	515,937	5,662,432	------	80	140,621	1,648	1,276,739
14	Flouring and grist mill products	11	221,112	10,575	41,690	58,280	110,567	10	11	9,125	36	19,970
15	Foundry and machine shop products	5	63,350	5,371	4,820	23,743	29,416	5	1	900	18	11,600
16	Gas, illuminating and heating	3	70,150	2,200	2,600	63,500	1,850	------	6	2,020	4	2,850
17	Ice, manufactured	9	228,670	16,050	49,916	136,000	26,704	11	12	10,370	44	30,608
18	Lumber and timber products	14	940,698	350,611	103,874	262,021	224,192	13	16	25,200	197	137,810
19	Lumber, planing mill products, including sash, doors, and blinds.	3	35,544	2,500	3,450	3,881	25,713	4	1	600	13	10,000
20	Mattresses and spring beds	4	3,810	500	750	910	1,650	5	------	------	7	2,740
21	Millinery, custom work	7	11,275	2,000	1,500	740	7,035	8	2	1,140	5	1,450
22	Mineral and soda waters	10	29,540	3,350	5,000	16,000	5,190	13	1	700	13	5,094
23	Monuments and tombstones	3	3,765	------	------	250	3,515	3	------	------	3	1,770
24	Painting, house, sign, etc	5	8,330	1,500	1,300	755	4,775	5	------	------	16	8,788
25	Photography	8	4,610	------	145	2,775	1,690	9	------	------	1	1,375
26	Plumbing, and gas and steam fitting	8	22,700	1,600	3,550	6,850	11,200	9	2	1,650	24	15,430
27	Printing and publishing, newspapers and periodicals.	32	186,573	7,050	12,475	118,602	48,446	28	15	17,727	139	73,640
28	Saddlery and harness	9	14,960	3,600	700	1,240	9,420	9	2	576	8	3,942
29	Tinsmithing, coppersmithing, and sheet-iron working.	4	23,685	2,900	2,900	2,375	15,510	5	------	------	5	3,720
30	Tobacco, cigars and cigarettes	7	42,726	300	5,810	1,411	35,205	7	4	7,900	44	29,810
31	Watch, clock, and jewelry repairing	11	6,401	------	------	2,305	4,096	10	------	------	5	3,450
32	All other industries[1]	20	179,839	975	52,304	63,174	63,386	19	17	14,815	126	72,074

[1] Embraces awnings, tents, and sails, 1; bottling, 2; brooms and brushes, 1; chemicals, 1; confectionery, 2; dyeing and cleaning, 1; leather, tanned, curried, and finished, 1; liquors, vinous, 1; lock and gun smithing, 1; masonry, brick and stone, 2; paving and paving materials, 2; plastering and stuccowork, 1; printing and publishing, book and job, 2; trunks and valises, 1; wood, preserving, 1.

tory during the census year, with a capital of $10,185,840, shown in Table 2, there were 10 idle establishments with a capital of $163,775.

Table 3 shows the totals for the territory by counties.

Table 4 shows the totals for the territory by specified industries.

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.										
3,186	$2,345,813	42	$15,394	38	$7,858	$433,272	$36,544	$55,815	$327,898	$13,015	$8,464,410	$6,262,024	$2,202,386	$21,315,189	1
12	3,250					700	296	298	86	20	10,508	10,418	85	24,036	2
642	410,336	2	1,500	1	250	24,254	287	3,823	20,144		1,444,860	955,984	488,876	5,135,484	3
210	154,327	1	650	13	4,200	16,132	765	5,581	9,086	700	405,426	403,255	2,171	682,176	4
113	118,797					2,603	24	1,854	725		1,011,891	618,882	392,509	1,276,814	5
624	499,671	3	895			44,521	447	5,696	38,378		2,416,257	1,771,014	645,243	4,785,860	6
295	185,918	14	3,684	8	750	46,573	16,123	4,540	24,360	1,550	469,027	447,879	21,148	878,224	7
14	12,380	1	300			1,336	10	470	856		7,560	4,479	3,081	35,031	8
182	122,377	2	280	2	468	1,168	590	379	194		91,268	85,959	5,309	280,843	9
531	388,112	10	4,725	12	1,974	43,611	10,945	7,985	23,531	1,150	898,579	781,243	117,336	1,628,868	10
42	31,458	3	1,500	1	60	28,152	570	550	16,032	6,000	20,489	18,409	2,080	106,721	11
510	414,687	6	1,860	1	156	227,157	5,923	24,369	194,365	2,500	1,082,790	1,160,225	522,565	6,514,387	12
11	4,500					2,070	564	270	141	1,095	6,260	4,277	1,983	21,750	13

SPECIFIED INDUSTRIES: 1900.

3,186	$2,345,813	42	$15,394	38	$7,858	$433,272	$36,544	$55,815	$327,898	$13,015	$8,464,410	$6,262,024	$2,202,386	$21,315,189	1
11	5,830					1,973	1,060	63	800	50	6,689	6,450	239	20,794	2
36	20,223					3,293	1,927	644	722		31,382	28,547	2,835	83,511	3
3	1,218					1,883	1,664	80	139		3,706	3,668	38	12,272	4
33	22,368	2	960			5,729	1,768	951	3,010		49,734	48,272	1,462	108,549	5
83	45,752	1	70	5	1,158	9,950	325	725	400	8,500	15,202	1,097	14,105	101,758	6
92	75,757					3,220	1,376	409	415	1,020	177,194	177,194		317,220	7
24	17,336			1	60	1,507		773	734		16,398	14,828	1,570	53,010	8
576	437,238					16,454		5,039	11,415		412,490	399,457	13,033	887,482	9
15	9,410					6,099	1,200	467	2,932	1,500	121,592	117,139	4,453	148,458	10
21	16,600	4	2,025			3,908	3,031	165	612	100	23,125	22,834	291	57,453	11
		3	700			532	480		52		800	760	40	3,860	12
1,018	1,276,739					266,548		30,036	236,512		6,370,884	4,261,052	2,109,832	17,286,517	13
36	19,970					15,053	800	1,560	12,693		382,055	376,800	5,255	455,246	14
18	11,600					2,528	700	334	1,494		26,936	23,644	3,292	49,975	15
4	2,850					5,091	200	1,087	3,804		7,790	7,023	767	18,450	16
44	30,608					10,408	244	2,470	6,599	1,095	41,505	8,304	33,201	132,611	17
185	133,810			12	4,000	12,822		5,358	7,464		304,205	304,205		547,790	18
13	10,000					1,595	350	198	1,047		36,132	34,977	1,155	71,482	19
6	2,500			1	240	457	264	15	178		4,323	4,323		9,100	20
		5	1,450			2,367	1,310	222	835		7,936	7,925	11	14,630	21
9	4,396	1	156	3	542	2,967	928	367	1,672		12,335	12,142	193	34,250	22
3	1,770					442	330	62	50		3,853	3,853		7,000	23
16	8,788					1,126	795	50	281		8,221	8,221		30,200	24
1	1,375					1,713	1,425	100	188		4,686	4,661	25	14,650	25
23	15,070			1	360	2,855	1,425	311	1,069	50	39,019	38,705	314	65,153	26
109	65,807	17	6,685	13	1,148	17,968	5,873	1,814	10,281		46,393	43,954	2,439	236,975	27
8	3,942					1,955	1,505	230	220		6,837	6,696	141	19,842	28
5	3,720					928		393	535		5,851	5,701	150	14,900	29
39	27,840	4	1,740	1	230	18,904	1,170	181	17,553		25,354	25,344	10	88,264	30
4	3,330			1	120	2,307	1,939	112	256		3,904	3,782	122	16,195	31
121	70,466	5	1,608			10,690	4,455	1,599	3,936	700	267,879	260,466	7,413	398,592	32

ARKANSAS.

Table 1 shows the manufacturing and mechanical industries of the state of Arkansas 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	4,794	2,073	1,202	1,079	518	261	131.3	72.5	11.4	108.3	98.5
Capital	$35,960,640	$14,971,614	$2,953,180	$1,782,913	$1,316,610	$305,015	140.2	407.0	65.6	35.4	331.7
Salaried officials, clerks, etc., number	1,649	[1] 1,829	(2)	(2)	(2)	(2)	[3] 9.8	------	------	------	------
Salaries	$1,251,096	[1] $1,100,702	(2)	(2)	(2)	(2)	13.7	------	------	------	------
Wage-earners, average number	26,501	14,143	4,557	3,206	1,877	842	87.4	210.4	42.1	70.8	122.9
Total wages	$8,686,291	$4,649,186	$925,358	$673,963	$554,240	$159,876	86.8	402.4	37.3	21.6	246.7
Men, 16 years and over	25,158	13,277	4,307	3,077	1,831	812	89.5	208.3	40.0	68.1	125.5
Wages	$8,424,011	$4,515,560	(2)	(2)	(2)	(2)	86.6	------	------	------	------
Women, 16 years and over	760	463	90	47	46	30	51.2	414.4	91.5	2.2	53.3
Wages	$159,820	$92,383	(2)	(2)	(2)	(2)	73.0	------	------	------	------
Children, under 16 years	643	403	160	82	(2)	(2)	59.6	151.9	95.1	------	------
Wages	$102,460	$41,243	(2)	(2)	(2)	(2)	148.4	------	------	------	------
Miscellaneous expenses	$1,482,779	$1,035,107	(4)	(4)	(4)	(4)	43.2	------	------	------	------
Cost of materials used	$23,963,768	$12,397,261	$4,392,080	$2,536,998	$1,280,503	$215,789	93.3	182.3	73.1	98.1	493.4
Value of products, including custom work and repairing	$45,197,731	$22,659,179	$6,756,159	$4,629,234	$2,880,578	$537,908	99.5	235.4	45.9	60.7	435.5
Total population	1,311,564	1,128,179	802,525	484,471	435,450	209,897	16.3	40.6	65.6	11.3	107.5
Wage-earners engaged in manufactures	26,501	14,143	4,557	3,206	1,877	842	87.4	210.4	42.1	70.8	122.9
Per cent of total population	2.0	1.3	0.6	0.7	0.4	0.4	------	------	------	------	------
Assessed value of real estate	[5] $128,084,667	$109,417,158	$55,760,388	$63,102,304	$63,254,740	$17,872,524	17.1	96.2	[3] 11.6	[3] 0.2	264.1
Value of land and buildings invested in manufactures [6]	$11,845,887	$4,490,567	(2)	(2)	(2)	(2)	163.8	------	------	------	------
Per cent of assessed value	9.2	4.1	------	------	------	------	------	------	------	------	------

[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 in letter of T. C. Monroe, State Auditor of Arkansas, August 19, 1901.
[6] Does not include value of rented property.

Although Arkansas is an agricultural state, Table 1 shows that there has been a steady growth in the manufacturing and mechanical industries during the half century. The population during these years increased from 209,897 to 1,311,564, or 524.9 per cent, but the average number of wage-earners employed in manufacturing establishments increased from 842 to 26,501, or 3,047.4 per cent, embracing, in 1900, 2 per cent of the entire population, compared with four-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 42,052, or 3.2 per cent of the total population of the state.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for an eleemosynary institution 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	8,384	$37,169,799	9,757	29,173	$8,744,271	$1,513,692	$24,165,167	$6,758,831	$16,555,814	$850,519	$45,887,526
Hand trades [1]	1,061	1,013,808	1,255	1,302	545,675	157,559	1,014,272	41,215	918,125	54,932	2,675,443
Eleemosynary institution	1	1,875	------	------	------	------	162	80	82	------	330
Establishments with a product of less than $500	3,589	1,207,284	4,006	2,672	57,980	30,913	201,237	32,581	168,656	------	689,465
All other establishments	3,733	34,947,332	4,496	25,199	8,140,616	1,325,220	22,949,496	6,684,958	15,468,951	795,587	42,522,288

[1] Includes bicycle and tricycle repairing, 12; blacksmithing and wheelwrighting, 533; boots and shoes, custom work and repairing, 80; carpentering, 59; clothing, men's, custom work and repairing, 64; clothing, women's, dressmaking, 16; dyeing and cleaning, 11; furniture, cabinetmaking, repairing, and upholstering, 25; lock and gun smithing, 15; masonry, brick and stone, 3; millinery, custom work, 116; painting, house, sign, etc., 21; paper hanging, 1; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 22; sewing machine repairing, 6; watch, clock, and jewelry repairing, 76.

Of the 8,384 establishments of all classes shown in this table, 4,650, or 55.5 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 for these establishments, consisting principally of the sums received for custom work and repairing, amounted to $3,364,908, or only 7.3 per cent of the total products of the state.

In addition to the 8,384 active establishments in the state during the census year, with a capital of $37,169,799, shown in Table 2, there were 106 idle establishments, with a capital of $601,048, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	10	$20,065	Lumber, planing mill products, including sash, doors, and blinds	1	$3,200
Cotton, ginning	38	34,176	Marble and stone work	1	5,820
Furniture, cabinetmaking, repairing, and upholstering	1	7,013	Woolen goods	2	5,140
Liquors, distilled	4	13,460	All other industries	18	4,141
Lumber and timber products	31	508,033			

TABLE 3.—COMPARATIVE SUMMARY OF SEVEN LEADING INDUSTRIES.

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.
Total for selected industries for state	1900	3,067	$29,817,055	21,717	$6,990,732	$939,133	$20,832,017	$37,320,357
	1890	1,250	11,820,834	10,384	3,291,892	686,892	10,305,545	17,275,192
Increase, 1890 to 1900	--------	1,817	18,496,221	11,333	3,699,340	252,241	10,526,472	20,045,165
Per cent of increase	--------	145.4	163.4	109.1	112.4	36.7	102.1	116.0
Per cent of total of all industries in state	1900	64.0	82.9	81.9	80.5	63.3	86.9	82.6
	1890	60.3	75.6	73.4	70.8	66.4	83.1	76.2
Cars and general shop construction and repairs by steam railroad companies.	1900	21	720,907	1,927	1,203,761	27,124	765,003	2,095,447
	1890	8	355,747	847	563,187	----------	715,940	1,299,558
Cotton, ginning[1]	1900	1,150	1,838,698	1,103	146,041	43,740	842,125	1,261,097
	1890	137	221,620	569	50,638	12,677	30,725	153,226
Flouring and grist mill products	1900	410	1,183,052	443	116,445	44,681	3,029,236	3,708,709
	1890	376	975,616	742	107,439	53,898	2,041,587	2,498,168
Lumber and timber products	1900	1,199	21,727,710	15,895	4,780,413	522,053	18,068,267	23,959,983
	1890	539	6,928,720	6,503	1,894,395	292,541	4,798,577	8,943,052
Lumber, planing mill products, including sash, doors, and blinds	1900	50	1,213,011	1,082	345,806	60,778	1,459,036	2,266,522
	1890	38	850,092	640	279,662	45,209	1,219,151	1,761,932
Oil, cottonseed and cake	1900	20	2,484,794	667	232,856	160,896	1,995,771	3,188,812
	1890	8	1,488,690	511	158,651	160,148	1,319,039	1,881,668
Printing and publishing, newspapers and periodicals	1900	217	648,883	600	215,410	79,261	171,979	839,787
	1890	144	500,349	512	237,420	122,419	181,126	737,588

[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.

The 7 leading industries of the state in 1900, as shown in Table 3, embrace 3,067 establishments, or 64 per cent of the total number; $29,817,055, or 82.9 per cent of the capital; 21,717, or 81.9 per cent of the total average number of wage-earners; $6,990,732, or 80.5 per cent of the total wages; and $37,320,357, or 82.6 per cent of the total products. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of the products.

Table 3 shows that the manufacture of lumber and timber products is by far the most important in Arkansas. The 1,199 establishments reported for this industry in 1900, with a capital of $21,727,710, gave employment to 15,895 wage-earners, or 60 per cent of the wage-earners of the entire state. The value of the products was $23,959,983, or 53 per cent of the value of all the products of the state, compared with $8,943,052 in 1890, an increase of $15,016,931, or 167.9 per cent. The importance of this industry is due in great part to extensive forests, estimated, in 1898, to cover 25,600,000 acres, or more than three-fourths of the total area of the state.[1] "Hard woods prevail north of the Arkansas River, cypress swamps cover a great part of the eastern alluvial districts, and in the south there are extensive districts covered with pine."[2] "The hard-wood forests of the state are hardly surpassed in variety and richness, and contain inestimable bodies of the finest oak, walnut, hickory, and ash timber."[3]

Related to the lumber and timber industry is the manufacture of planing mill products, including sash, doors, and blinds, in which 50 establishments were reported having a capital of $1,213,011, 1,082 wage-earners, and products valued at $2,266,522. The development is shown in a comparison with the statistics of 1890, when 38 establishments were reported, with a capital of $850,092, wage-earners numbering 640, and products valued at $1,761,932.

The flour and grist milling industry ranked second in

[1] Report of the Arkansas Bureau of Mines, Manufactures, and Agriculture, 1897–1898, page 122.
[2] Arkansas, by C. W. Greene, page 5.
[3] Tenth Census, The Forests of the United States, page 544.

importance. The 410 establishments reported had a capital of $1,183,052, employed 443 wage-earners, and had products valued at $3,708,709. In 1890, 376 establishments were reported, with a capital of $975,616, wage-earners numbering 742, and products valued at $2,498,168.

The manufacture of cottonseed oil and cake ranked third with 20 establishments, having a capital of $2,484,794, 667 wage-earners, and products valued at $3,188,812. Material previously thrown away or burned is used in this industry, which dates back to 1834, when the first mill in the country is said to have been established at Natchez, Miss.[1] It is only since the Civil War that the manufacture has been extensively developed. In addition to oil, these mills produce cottonseed cake and meal, which are used largely as a fertilizer and, to some extent, also, as food for cattle. The industry was reported in Arkansas first at the census of 1870, when there was but 1 establishment in the state. In 1880 there were 4, and in 1890, 8 establishments. During the decade from 1890 to 1900 the increase in value of products was $1,307,144, or 69.5 per cent. Allied to the manufacture of cottonseed oil and cake is the ginning of cotton. The number of establishments increased from 137 in 1890 to 1,150 in 1900, or 739.4 per cent. The total amount received for ginning, and other work done, increased from $153,226 in 1890 to $1,261,097 in 1900, or 723 per cent. These figures do not include the operations of many private plantation ginneries, or ginneries connected with saw, grist, and cottonseed-oil mills. For the full number of ginneries in operation reference should be made to the special report on cotton ginning. Both cotton ginning and cottonseed oil and cake manufacture are dependent upon the large cotton production of the state, amounting in 1899 to 719,453 commercial bales, or 7.6 per cent of the total production of the country.[2]

The construction and repair shops of steam railroad companies ranked fifth in importance, numbering 21, with a capital of $720,907, 1,927 wage-earners, and products valued at $2,095,447. In 1890 there were 8 establishments, having a capital of $355,747, wage-earners numbering 847, and products valued at $1,299,558.

In the printing and publishing of newspapers and periodicals, there were 217 establishments with a capital of $648,883, 600 wage-earners, and products valued at $839,787. In 1890 there were 144 establishments reported, having a capital of $500,349, wage-earners numbering 512, and products valued at $737,588.

[1] Cotton and Cotton Oil, by D. A. Tompkins, page 210 et passim.

[2] See special report on cotton ginning.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Little Rock, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, LITTLE ROCK, 1890 AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	171	124	37.9
Capital	$3,434,393	$2,265,324	51.6
Wage-earners, average number	2,751	1,333	106.4
Total wages	$1,384,722	$635,352	117.9
Miscellaneous expenses	$295,156	$254,227	16.1
Cost of materials used	$1,990,081	$1,396,773	42.5
Value of products, including custom work and repairing	$4,723,118	$3,120,677	51.3

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of the city. The number of establishments increased from 124 to 171, or 37.9 per cent; the average number of wage-earners from 1,333 to 2,751, or 106.4 per cent; and the value of products from $3,120,677 to $4,723,118, or 51.3 per cent. The 171 establishments in Little Rock in 1900 were 3.6 per cent of the entire number located within the state. These establishments had a combined capital amounting to $3,434,393, or 9.6 per cent of all the capital employed in the state. Of the wage-earners, 2,751, or 10.4 per cent of all in the state, were employed in Little Rock. The total amount of wages paid in the city was $1,384,722, or 15.9 per cent of all wages paid in the state. The value of products, including custom work and repairing, during 1900 was $4,723,118, or 10.4 per cent of the total products of the state.

Table 5 presents the totals for the manufacturing industries of Fort Smith, Helena, Little Rock, Pine Bluff, and Van Buren, and places them in comparison with the totals for the entire state, and the state exclusive of these cities.

TABLE 5.—URBAN MANUFACTURES.

	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 for state	4,794	$35,960,640	5,751	26,501	$8,686,291	$1,482,779	$23,963,768	$45,197,731
Total for urban manufactures	530	7,682,048	541	5,291	2,441,611	568,448	4,247,459	9,656,447
Fort Smith	194	1,131,924	206	1,012	394,363	123,891	890,191	2,119,062
Helena	43	563,146	43	272	108,702	44,893	437,047	821,011
Little Rock	171	3,434,393	174	2,751	1,384,722	295,156	1,990,081	4,723,118
Pine Bluff	91	2,470,025	87	1,111	488,546	97,445	873,921	1,815,677
Van Buren	31	82,560	31	145	65,278	7,063	56,219	177,579
Total for state exclusive of urban manufactures	4,264	28,278,592	5,210	21,210	6,244,680	914,331	19,716,309	35,541,284
Per cent of urban manufactures to total for state	11.1	21.4	9.4	20.0	28.1	38.3	17.7	21.4

Of the 4,794 establishments of the state, 530, or 11.1 per cent, are located in these 5 cities. The capital reported for these establishments is $7,682,048, or 21.4 per cent of that for the entire state. They furnished employment to 5,291 wage-earners, or 20 per cent of the total number; paid $2,441,611 in wages, or 28.1 per cent of the total amount; and the value of their products, $9,656,447, formed 21.4 per cent of the total for the state.

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	4,794	$35,960,640	$8,164,629	$8,681,258	$12,444,494	$11,670,259	5,751	1,649	$1,251,096	26,501	$8,686,291
2	Arkansas	44	169,082	39,640	16,555	49,170	63,717	60	2	2,720	86	23,458
3	Ashley	58	234,127	35,959	34,155	117,905	46,108	63	19	4,884	212	47,715
4	Baxter	25	48,913	5,297	7,000	23,751	12,865	39	------	------	25	4,559
5	Benton	176	378,532	87,702	62,972	161,774	116,084	227	13	5,518	283	62,825
6	Boone	50	102,485	10,147	21,396	43,203	27,739	61	------	------	69	15,177
7	Bradley	38	230,892	11,886	19,704	76,735	122,617	50	18	8,978	246	73,402
8	Calhoun	18	538,783	98,130	53,384	217,528	169,741	12	15	15,660	526	130,279
9	Carroll	82	147,020	24,940	22,840	61,702	37,538	104	4	2,885	119	33,218
10	Chicot	46	160,969	16,272	18,785	87,202	38,710	50	16	2,431	180	53,182
11	Clark	58	635,936	196,528	55,520	204,292	179,596	68	12	13,300	646	175,439
12	Clay	63	427,720	98,358	28,966	152,820	147,576	75	23	17,270	409	125,187
13	Cleburne	36	68,406	14,897	10,220	36,415	6,874	46	2	340	59	9,863
14	Cleveland	34	739,638	195,491	26,040	337,941	180,166	38	18	14,520	552	158,323
15	Columbia	70	297,311	9,664	17,857	75,862	193,928	86	12	6,563	220	54,657
16	Conway	60	123,638	19,538	16,345	74,355	13,400	66	12	1,675	107	30,523
17	Craighead	87	838,979	168,349	71,260	233,029	366,341	107	40	17,145	828	279,502
18	Crawford	69	138,824	21,455	23,140	61,072	33,157	77	11	6,029	193	73,093
19	Crittenden	48	399,425	135,860	29,960	148,640	84,965	64	22	13,245	314	101,357
20	Cross	39	228,330	105,205	14,316	75,142	33,607	52	------	------	198	59,120
21	Dallas	42	912,385	368,419	98,896	193,115	311,955	50	22	16,160	388	124,882
22	Desha	48	710,246	461,019	32,527	64,044	152,656	51	13	6,176	134	43,850
23	Drew	65	640,799	198,269	62,407	176,523	203,600	90	25	17,872	418	133,051
24	Faulkner	74	136,182	6,895	20,625	80,205	28,957	95	8	2,567	120	31,219
25	Franklin	48	71,815	4,892	12,968	38,620	15,343	68	------	------	63	14,427
26	Fulton	40	224,151	8,331	28,609	155,265	36,956	52	7	5,325	163	27,218
27	Garland	113	439,222	47,583	35,598	218,484	137,557	119	33	17,874	335	126,850
28	Grant	15	23,690	2,445	2,580	15,900	2,765	20	2	980	32	7,516
29	Greene	64	512,421	67,842	26,665	148,377	269,537	75	26	19,428	438	133,358
30	Hempstead	86	500,857	98,619	31,955	190,218	180,065	104	20	18,396	414	122,311
31	Hot Spring	52	702,389	188,865	90,469	249,746	223,309	55	47	42,710	796	178,823
32	Howard	45	109,375	8,060	11,825	52,895	36,595	57	6	2,593	96	20,674
33	Independence	91	169,244	20,353	28,670	78,628	41,593	111	8	5,670	181	53,251
34	Izard	43	86,003	12,280	9,065	48,870	15,788	63	1	300	53	6,761
35	Jackson	70	384,431	106,148	55,891	171,977	50,415	81	19	12,367	250	76,431
36	Jefferson	190	2,998,339	858,532	395,562	915,866	828,379	196	131	103,783	1,646	610,093
37	Johnson	59	109,508	14,101	13,125	54,045	28,237	78	2	950	85	24,970
38	Lafayette	25	1,512,437	704,808	138,418	287,307	381,904	22	31	37,700	617	264,662
39	Lawrence	54	547,472	175,871	31,302	163,161	177,138	74	22	17,174	391	105,797
40	Lee	66	440,416	75,247	42,592	143,157	179,420	84	18	13,648	268	74,355
41	Lincoln	44	86,781	10,425	13,245	44,072	19,039	61	------	------	75	11,742
42	Little River	41	326,458	53,088	30,540	117,909	124,921	42	24	18,001	312	103,360
43	Logan	89	173,920	18,145	21,324	88,336	46,115	111	3	701	159	38,256
44	Lonoke	86	234,550	65,740	30,660	102,420	35,730	92	12	4,474	162	47,240
45	Madison	61	153,221	32,767	9,815	70,574	40,065	84	7	3,516	182	43,995
46	Marion	29	91,985	35,485	9,055	33,020	14,425	39	------	------	39	10,305
47	Miller	76	649,021	90,099	92,975	307,956	157,991	82	39	32,139	556	198,873
48	Mississippi	69	1,076,249	247,782	72,336	278,380	477,751	87	26	13,897	476	119,591
49	Monroe	61	636,774	57,222	108,891	282,985	187,676	56	33	26,600	554	163,334
50	Montgomery	26	37,773	5,233	6,525	23,130	2,885	38	------	------	26	3,701
51	Nevada	45	144,659	29,254	12,255	58,120	45,030	55	10	9,150	230	62,216
52	Newton	21	16,715	3,445	2,055	7,945	3,270	28	1	350	15	2,209
53	Ouachita	63	2,063,553	654,655	108,892	655,470	644,536	64	80	67,418	1,216	438,618
54	Perry	41	87,523	12,590	8,875	47,685	18,373	56	4	1,160	121	31,274
55	Phillips	116	1,464,815	142,698	159,894	488,365	673,858	111	70	66,720	1,061	324,018
56	Pike	32	319,551	174,310	8,720	67,204	69,317	41	15	16,600	256	63,696
57	Poinsett	21	535,526	136,099	58,700	115,062	230,665	22	17	16,400	324	131,151
58	Polk	70	362,105	28,356	24,112	124,244	185,393	92	47	24,214	512	142,975
59	Pope	72	178,294	27,850	20,080	85,410	44,894	97	1	120	112	24,020
60	Prairie	47	197,831	49,831	14,225	67,745	66,030	49	18	6,603	184	50,544
61	Pulaski	249	4,168,250	373,952	578,081	1,636,278	1,579,944	259	331	282,709	3,504	1,700,394
62	Randolph	39	147,020	26,500	11,645	41,655	67,220	46	6	4,720	131	42,345
63	St. Francis	47	246,979	16,676	71,601	118,821	39,881	65	11	7,458	186	49,271
64	Saline	58	425,133	117,393	24,405	213,015	70,320	67	17	10,537	293	75,711
65	Scott	47	261,271	71,227	33,145	60,731	96,168	74	10	4,760	230	54,338
66	Searcy	19	28,765	1,745	8,810	17,355	5,855	23	------	------	26	4,867
67	Sebastian	250	1,188,826	126,074	246,095	493,370	383,287	276	74	72,894	1,081	408,310
68	Sevier	68	754,176	244,115	27,064	248,973	234,024	89	17	9,510	513	143,049
69	Sharp	44	61,473	11,895	10,765	28,310	10,503	57	------	------	41	7,941
70	Stone	17	16,985	2,390	3,975	8,975	1,645	23	1	175	12	1,784
71	Union	58	1,057,985	273,525	57,868	359,627	366,965	54	39	43,650	567	192,021

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 city of Little Rock by specified industries.

Table 9 shows the totals for all industries in the cities withdrawn from the enumerators, exclusive of Little Rock, 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.										
25,158	$8,424,011	700	$159,820	643	$102,460	$1,482,779	$189,293	$222,022	$1,002,164	$68,400	$23,963,768	$23,579,328	$334,440	$45,197,731	1
81	22,558	5	900			4,160	1,125	879	2,126	30	72,722	70,755	1,967	148,123	2
207	46,915	4	600	1	200	9,264	940	1,414	4,910	2,000	130,012	127,411	2,601	263,861	3
22	4,205	2	250	1	104	2,354	344	291	1,619	100	35,547	34,111	1,436	63,645	4
214	53,511	53	8,241	11	1,073	44,122	4,404	1,915	36,465	1,338	550,594	534,744	15,850	872,251	5
60	14,437	6	540	3	200	6,438	962	759	4,172	545	140,491	136,176	4,315	216,398	6
231	71,219	3	498	12	1,690	11,673	2,311	1,220	8,142		198,850	197,946	904	448,839	7
526	130,279					14,305	75	2,641	11,589		433,723	433,389	334	685,815	8
106	31,812	4	590	9	816	6,271	1,679	1,254	3,188	150	195,277	192,331	2,946	332,138	9
179	53,132			1	50	3,116	470	913	1,733		100,914	98,721	2,193	270,051	10
607	168,667	18	3,899	21	2,873	14,258	272	3,547	10,439		463,449	460,751	2,698	677,455	11
382	119,342			27	5,845	10,618	598	3,494	6,526		313,698	311,341	2,357	660,962	12
56	9,528			3	335	2,425	165	532	1,728		54,734	53,214	1,520	103,875	13
543	156,908			9	1,415	13,278	866	4,313	8,099		373,064	372,696	368	688,400	14
216	53,910			4	747	12,016	659	2,066	9,291		169,504	166,645	2,859	303,731	15
105	30,073	1	250	1	200	8,493	3,917	801	575	3,200	55,559	53,383	2,176	153,382	16
747	265,305	25	6,652	56	7,545	27,085	3,751	5,086	18,248		658,652	654,275	4,377	1,197,581	17
178	69,747	5	1,560	10	1,786	8,138	3,359	779	4,000		84,616	80,296	4,320	239,510	18
314	101,357					12,514	1,117	1,882	9,515		262,616	261,142	1,474	522,658	19
195	58,675	2	320	1	125	7,209	959	1,995	4,255		140,934	140,073	861	267,298	20
382	123,623	5	1,119	1	140	24,934	1,009	3,558	20,367		367,077	366,569	508	728,538	21
126	42,857	2	500	6	493	8,108	1,117	2,905	4,086		93,417	91,596	1,821	194,391	22
403	130,774	1	160	14	2,120	12,793	881	2,678	9,179	60	309,864	307,400	2,464	570,237	23
114	29,984	4	925	2	310	6,455	1,019	1,167	4,289		162,629	158,874	3,755	267,308	24
63	14,427					1,619	459	545	615		61,138	59,627	1,511	123,264	25
71	14,224	58	10,039	34	2,955	5,738	1,933	932	2,873		155,412	152,454	2,958	243,788	26
319	123,423	12	2,975	4	452	26,911	15,255	3,226	8,430		237,464	229,284	8,180	561,270	27
31	7,441			1	75	290	30	179	81		19,748	19,458	290	40,028	28
393	125,856	5	1,000	40	6,502	16,474	1,993	2,265	11,686	530	463,890	460,821	3,069	810,105	29
400	119,081	8	1,892	6	1,338	14,268	1,099	3,700	9,469		383,572	380,604	2,968	703,035	30
781	176,011	6	1,570	9	1,242	26,901	4,032	4,510	17,975	384	664,157	654,876	9,281	1,142,828	31
85	19,431	8	971	3	272	4,307	22	786	3,499		70,904	68,325	2,579	243,201	32
174	51,271	5	1,830	2	160	9,191	2,028	1,421	2,041	3,701	144,994	140,316	4,678	254,387	33
51	6,544			2	220	1,950	157	575	1,218		64,230	62,949	1,281	109,255	34
249	76,251	1	180			19,583	3,315	2,827	11,707	1,734	204,137	194,338	9,799	412,352	35
1,597	599,243	38	8,954	11	1,896	109,774	11,266	11,317	86,781	410	1,150,115	1,118,267	31,848	2,456,907	36
79	24,280	1	240	5	450	2,699	679	729	1,291		80,697	78,353	2,344	156,925	37
610	263,687			7	975	32,767	159	5,057	27,551		934,440	933,498	942	1,438,419	38
375	102,084	1	150	15	3,563	44,269	1,378	21,535	21,331	25	286,716	283,738	2,978	663,216	39
205	73,355	3	1,000			6,467	1,082	1,484	3,899	2	194,931	191,324	3,607	415,456	40
75	11,742					1,765	65	609	1,091		21,793	20,419	1,374	68,609	41
311	103,160			1	200	10,860	217	1,797	8,786	60	304,809	303,776	1,033	485,120	42
152	37,456	3	450	4	350	5,689	874	1,550	2,250	415	164,464	161,671	2,793	254,850	43
159	46,520	1	474	2	216	6,835	1,107	1,671	3,957	100	81,051	77,836	3,215	229,032	44
179	43,390			3	605	3,337	359	774	2,154	50	174,252	172,584	1,668	331,660	45
37	9,906			2	399	1,487	340	754	393		83,125	81,625	1,500	123,932	46
502	186,051	38	10,302	16	2,520	40,459	6,421	5,482	28,556		634,327	621,615	12,712	1,085,295	47
470	118,423	6	1,168			19,635	1,157	7,947	10,531		383,421	378,908	4,513	857,406	48
539	160,594	8	1,870	7	870	27,221	1,799	2,823	22,599		399,897	394,196	5,701	757,667	49
24	3,551			2	150	1,699		278	1,421		22,499	22,044	455	38,026	50
223	60,746	5	1,230	2	240	10,401	578	2,291	7,354	175	90,131	88,940	1,191	213,332	51
14	2,059			1	150	3,021	352	171	2,498		19,259	19,040	219	37,125	52
1,194	434,589			22	4,029	62,740	1,283	12,774	48,111	572	1,482,643	1,478,732	3,911	2,511,180	53
120	31,199			1	75	1,743	350	469	924		67,761	66,614	1,147	142,104	54
1,014	311,274	18	8,630	29	4,114	81,520	7,318	8,583	56,189	9,430	921,108	903,671	17,437	1,787,947	55
256	63,696					4,062	1,552	1,170	1,340		242,855	242,419	436	387,565	56
320	129,827			4	1,324	6,866	66	2,964	3,836		260,331	259,624	707	519,711	57
502	140,694			10	2,281	9,727	1,100	2,477	6,150		591,916	590,971	945	868,875	58
105	23,360	6	610	1	50	4,741	1,004	1,028	2,709		95,020	91,752	3,268	188,848	59
182	50,318			2	226	3,445	339	1,022	2,084		99,635	98,533	1,102	224,408	60
3,260	1,653,652	194	41,750	50	4,992	319,909	47,820	23,268	238,696	10,130	2,886,754	2,787,255	99,499	6,134,514	61
129	42,153			2	192	2,843	402	656	1,775	10	115,999	114,641	1,358	207,114	62
182	48,571	1	200	3	500	16,958	250	1,683	15,025		237,227	230,330	6,897	399,874	63
289	75,026	2	425	2	260	3,888	326	2,290	1,272		302,827	300,195	2,632	633,013	64
222	53,743			8	595	4,115	170	872	3,073		306,945	305,829	1,116	447,205	65
25	4,667			1	200	3,553	161	188	3,204		35,122	33,912	1,210	59,477	66
925	360,903	84	25,939	72	21,468	126,337	26,659	7,493	62,985	29,200	950,835	926,465	24,370	2,235,692	67
503	141,283			10	1,766	16,596	301	6,626	9,644	25	516,120	513,526	1,594	940,430	68
37	7,376			4	565	2,940	400	573	1,967		87,256	86,550	706	134,329	69
11	1,634			1	150	360	98	158	104		24,844	24,321	523	36,141	70
556	189,970	3	945	8	1,106	30,094	349	5,312	23,433	1,000	651,203	649,386	1,817	1,056,239	71

TABLE 6.—MANUFACTURES

	COUNTIES AND 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.
72	Van Buren	28	$35,367	$4,746	$5,887	$17,462	$7,772	37	1	$75	30	$4,332
73	Washington	132	519,433	43,590	64,097	140,391	271,355	176	20	14,127	336	93,473
74	White	89	332,501	99,820	26,210	94,685	111,786	111	10	4,890	276	63,009
75	Woodruff	46	289,318	119,185	21,340	93,011	46,782	55	7	3,252	148	40,218
76	Yell	113	458,022	133,815	32,440	180,377	111,390	152	18	9,445	395	102,716

TABLE 7.—MANUFACTURES BY

1	All industries	4,794	$35,960,640	$8,164,629	$3,681,258	$12,444,494	$11,670,259	5,751	1,649	$1,251,096	26,501	$8,686,291
2	Bicycle and tricycle repairing	12	9,865	350	1,050	4,315	4,150	17			10	3,850
3	Blacksmithing and wheelwrighting	533	300,144	42,445	49,164	81,354	127,181	654	3	1,344	266	88,379
4	Bluing	4	10,025	3,500	4,000	680	1,845	5			10	3,650
5	Boots and shoes, custom work and repairing.	80	19,960	2,365	1,835	7,037	8,723	81	1	200	31	13,021
6	Bread and other bakery products	23	73,822	16,800	19,250	19,365	18,407	25	4	2,000	61	24,108
7	Brick and tile	55	310,295	77,585	98,280	65,069	69,361	66	23	17,721	402	100,252
8	Brooms and brushes	15	12,265	1,365	2,275	1,975	6,650	18			34	11,881
9	Carpentering	59	81,684	13,245	20,825	10,900	36,714	66			169	72,562
10	Carriage and wagon materials	14	239,508	5,415	19,663	52,385	162,045	16	25	13,661	214	62,614
11	Carriages and wagons	40	176,820	17,827	29,957	35,518	93,518	58	5	2,300	150	54,718
12	Cars and general shop construction and repairs by steam railroad companies.	21	720,907	50,950	114,780	209,697	345,480		103	97,935	1,927	1,203,761
13	Cheese, butter, and condensed milk, factory product.	8	26,503	385	6,229	16,021	3,368	5	3	1,446	5	1,734
14	Clothing, men's, custom work and repairing.	64	115,509	10,270	9,050	11,786	84,403	71	13	12,095	201	111,651
15	Clothing, women's, dressmaking	16	25,310	1,500	2,600	11,940	9,270	20	3	2,300	36	13,680
16	Confectionery	5	97,350	5,000	15,000	14,800	62,550	5	18	9,690	68	17,598
17	Cooperage	10	150,985	1,850	8,374	18,563	122,198	11	8	4,646	126	35,428
18	Cotton, compressing	6	284,457	35,025	77,348	159,000	13,084		18	16,450	153	47,361
19	Cotton, ginning[1]	1,150	1,838,698	47,423	364,284	1,374,618	52,373	1,386	104	8,424	1,103	146,041
20	Druggists' preparations, not including prescriptions.	4	8,020			2,520	5,500	4			9	1,989
21	Dyeing and cleaning	11	7,290	1,500	250	2,775	2,765	11			11	4,140
22	Fancy articles, not elsewhere specified	3	3,860	600	1,700	255	805	2	1	365	2	310
23	Flouring and grist mill products	410	1,183,052	75,663	249,321	620,408	237,660	506	36	21,526	443	116,445
24	Foundry and machine shop products	36	482,103	53,465	59,264	135,811	183,623	34	27	24,672	275	131,669
25	Fruits and vegetables, canning and preserving.	34	83,038	2,580	13,123	7,835	9,500	44	2	350	136	21,942
26	Furniture, cabinetmaking, repairing, and upholstering.	25	29,502	275	750	8,545	19,932	31	2	800	36	14,266
27	Furniture, factory product	8	150,327	5,350	31,154	59,701	54,122	9	4	3,300	206	64,873
28	Gas, illuminating and heating	7	829,285	62,000	62,575	474,462	230,248		23	16,469	34	21,589
29	Ice, manufactured	15	568,657	57,500	63,950	371,834	75,373	8	21	21,700	149	55,910
30	Leather, tanned, curried, and finished	3	2,190	80	425	1,060	625	3			3	750
31	Lime and cement	5	53,934	11,598	10,865	9,396	22,125	4	6	3,075	78	15,600
32	Liquors, distilled	18	48,738	1,370	8,500	12,225	26,643	23	1	150	23	6,378
33	Lock and gun smithing	15	7,740	200	450	5,210	1,880	16			9	3,785
34	Lumber and timber products	1,199	21,727,710	7,060,807	1,833,833	5,993,439	7,339,631	1,565	769	609,805	15,895	4,730,413
35	Lumber, planing mill products, including sash, doors, and blinds.	50	1,213,011	88,910	108,186	288,213	727,702	57	89	66,969	1,082	345,806
36	Marble and stone work	11	67,685	18,900	5,150	16,110	27,525	12	22	6,720	104	52,600
37	Masonry, brick and stone	3	2,677			620	2,057	3	1	600	27	7,985
38	Mattresses and spring beds	6	15,246			3,799	11,447	6	2	2,250	41	16,920
39	Millinery, custom work	116	187,657	9,550	14,250	8,937	104,920	188	20	11,730	201	58,082
40	Mineral and soda waters	26	106,854	5,435	9,385	43,772	48,262	30	18	20,030	53	16,384
41	Monuments and tombstones	29	28,107	2,365	1,645	2,635	21,462	35	2	1,400	37	16,243
42	Oil, cottonseed and cake	20	2,484,794	207,353	642,473	1,272,061	362,907	1	94	116,364	667	232,856
43	Painting, house, sign, etc	21	55,670	6,650	5,150	5,920	37,950	26	11	5,765	102	48,376
44	Patent medicines and compounds	7	69,560		10	1,575	67,975	5	5	4,325	24	10,435
45	Paving and paving materials	4	17,305	8,000	705	5,800	2,800	6	5	2,420	67	19,914
46	Photography	53	53,521	7,740	9,841	23,625	12,315	55	2	700	27	11,929
47	Plumbing, and gas and steam fitting	22	128,399	4,200	5,000	11,750	107,449	27	16	12,120	148	71,773
48	Pottery, terra cotta, and fire-clay products.	10	78,024	6,483	22,588	28,958	19,995	10	4	4,920	92	27,000
49	Printing and publishing, book and job	13	128,865			101,525	27,340	13	14	12,332	104	49,356
50	Printing and publishing, newspapers and periodicals.	217	648,883	13,510	29,343	395,693	210,337	248	59	44,905	600	215,410
51	Roofing and roofing materials	4	8,600	2,000	2,000	1,000	3,600	5			12	7,650
52	Saddlery and harness	66	173,432	21,410	28,735	19,270	104,017	79	5	2,770	85	40,313
53	Sewing machine repairing	6	1,725			585	1,140	8	1	1,000	4	2,200
54	Tinsmithing, coppersmithing, and sheet-iron working.	45	123,180	34,295	24,975	23,775	40,135	59	3	2,140	99	44,931
55	Tobacco, cigars and cigarettes	19	20,241	3,315	2,920	1,480	12,526	20	1	600	37	15,648
56	Watch, clock, and jewelry repairing	76	87,276	7,020	8,035	24,198	48,023	84			40	26,376
57	Wood, turned and carved	5	27,144	500	4,453	12,951	9,240	2	3	3,200	61	20,572
58	Woolen goods	13	43,525	2,855	6,000	17,800	16,870	18	3	903	27	5,158
59	All other industries[2]	44	660,096	47,350	70,290	331,943	210,513	40	46	34,509	485	120,026

[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.

[2] Embraces awnings, tents, and sails, 2; boxes, wooden packing, 2; bridges, 1; buttons, 1; carpets, rag, 1; china decorating, 1; clocks, 1; clothing, men's, factory product, 2; coffins, burial cases, and undertakers' goods, 2; cordage and twine, 1; cordials and sirups, 1; cotton goods, 2; electrical construction and

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.										
30	$4,332					$719	$77	$256	$386		$23,157	$22,550	$607	$46,190	72
287	85,272	31	$6,154	18	$2,047	27,308	3,676	3,090	19,156	$1,386	682,010	616,158	15,861	952,781	73
253	60,193	6	939	17	1,872	11,520	724	2,946	6,405	1,445	195,732	193,327	2,405	395,021	74
141	39,168	2	700	2	350	7,007	3,925	1,305	1,602	175	94,280	92,472	1,758	214,669	75
390	102,081	1	234	4	401	8,744	758	2,402	5,566	18	279,713	275,370	4,343	546,561	76

SPECIFIED INDUSTRIES: 1900.

25,158	$8,424,011	700	$159,820	643	$102,460	$1,482,779	$189,293	$222,922	$1,002,164	$68,400	$23,963,768	$23,579,328	$384,440	$45,197,731	1
8	3,650			2	200	2,574	1,335	71	1,168		10,572	10,383	189	28,401	2
253	85,728			13	2,651	23,696	13,275	2,545	6,588	1,288	167,665	150,424	17,241	609,468	3
8	3,190			2	460	1,051	404	100	547		1,918	1,875	38	10,900	4
30	12,671			1	350	7,684	6,280	258	996	150	28,313	27,840	473	86,205	5
54	21,988	1	360	6	1,760	6,811	3,372	623	2,816		64,710	62,497	2,213	129,911	6
382	97,582			20	2,670	7,392	232	1,356	5,804		51,724	14,333	37,391	277,207	7
28	10,268	2	800	4	818	989	362	98	529		9,929	9,689	240	42,390	8
162	70,162			7	2,400	25,355	2,410	639	2,096	20,210	140,868	140,500	368	348,027	9
210	62,080			4	534	9,639	1,250	1,030	7,359		216,644	215,094	1,550	357,626	10
150	54,718					8,121	1,904	1,334	4,611	272	103,666	100,193	3,473	223,790	11
1,927	1,203,761					27,124		5,501	21,620		765,008	744,524	20,479	2,095,447	12
5	1,734					374		167	187	20	24,538	23,988	550	32,717	13
166	100,996	32	10,237	3	418	26,502	15,810	864	9,748	80	134,927	133,316	1,611	380,691	14
7	3,000	28	10,555	1	125	4,964	2,216	170	2,578		17,679	17,550	129	61,165	15
29	13,190	39	4,408			9,213	3,120	198	5,895		84,674	82,564	2,110	135,980	16
125	35,356			1	72	12,060	349	1,156	9,205	1,350	157,966	157,851	115	238,892	17
150	46,889	2	375	1	97	25,264	350	2,370	22,544		8,442	3,132	5,310	132,128	18
1,100	145,932			3	109	43,740	10,152	13,796	19,707	85	342,125	284,699	57,426	1,261,097	19
8	1,953			1	36	2,152	436	68	1,648		6,137	6,115	22	14,330	20
9	3,420	2	720			2,286	1,738	50	498		3,543	3,273	270	19,855	21
2	310					81		33	8	40	267	207	60	2,010	22
440	116,253			3	192	44,681	2,207	8,929	31,006	2,539	3,029,236	2,981,121	48,115	3,708,709	23
272	130,449			3	1,220	26,567	5,345	2,830	18,192	200	154,875	138,490	16,385	447,514	24
50	10,079	72	10,495	14	1,868	952	35	213	704		50,954	46,648	4,306	100,503	25
34	14,006			2	260	4,618	3,526	126	966		37,491	36,240	1,251	72,625	26
184	58,314	15	5,155	7	1,404	3,095	500	680	1,915		84,640	83,100	1,540	282,872	27
34	21,589					24,458		4,356	20,102		38,228	37,070	1,158	138,921	28
149	55,910					27,952	696	3,832	23,424		46,279	16,264	30,015	214,919	29
3	750					37	10	13	14		3,590	3,490	100	5,859	30
78	15,600					6,409	100	223	1,486	4,600	29,497	21,347	8,150	70,900	31
28	6,378					48,764		309	48,455		18,591	16,496	2,095	95,487	32
7	3,212	1	288	1	285	1,726	1,264	43	419		3,883	3,629	254	18,608	33
15,670	4,691,024	9	1,485	216	37,904	522,653	12,401	130,828	369,252	10,172	13,068,267	13,067,968	299	23,959,983	34
1,030	337,644	5	1,120	47	7,042	60,778	9,183	5,940	42,671	2,984	1,459,636	1,457,286	2,350	2,266,522	35
99	50,740			5	1,860	5,600	704	861	3,535	500	49,458	48,477	981	141,745	36
27	7,985					10,301	60	1	240	10,000	57,510	57,500	10	84,050	37
29	12,740	10	3,680	2	500	7,682	2,388	99	5,195		28,780	28,357	423	71,246	38
3	530	194	56,167	4	1,385	19,959	14,353	1,180	4,396	30	196,432	195,642	790	388,275	39
49	15,934	2	300	2	150	21,209	3,158	581	17,470		75,422	74,257	1,165	215,188	40
37	16,248					2,282	1,303	170	480	269	47,717	47,549	168	99,782	41
667	232,856					160,896		15,866	143,321	1,709	1,995,771	1,923,464	72,307	3,188,812	42
99	47,636			3	740	5,824	3,528	498	1,798		40,347	40,097	250	136,851	43
17	9,285	6	1,000	1	150	10,085	1,365	1,350	7,370		28,200	28,143	57	92,045	44
60	18,514			7	1,400	1,057	300	147	610		1,765	810	955	39,140	45
21	10,852	6	1,077			6,989	4,221	415	2,353		23,529	22,880	649	85,139	46
146	71,098			2	675	9,929	5,752	416	2,761	1,000	133,624	132,881	743	287,487	47
92	27,000					1,242	180	174	888		11,863	2,586	9,277	59,692	48
84	46,438	14	1,980	6	938	10,758	5,344	484	4,610	320	65,315	63,182	2,133	174,020	49
384	179,932	69	17,855	147	17,628	79,261	19,725	3,974	49,202	6,360	171,979	163,452	8,527	839,787	50
12	7,650					636	145	48	443		10,275	10,240	35	23,695	51
84	39,988			1	325	12,685	7,788	1,593	3,179	125	112,773	112,114	659	234,574	52
4	2,200					923	630	29	264		2,298	2,195	103	9,150	53
97	44,547			2	384	9,754	4,872	334	2,540	1,508	90,017	88,943	1,074	187,329	54
28	13,535	1	400	8	1,713	10,486	1,213	437	8,826	10	26,565	26,379	186	67,400	55
35	24,401	1	650	4	1,325	10,952	6,828	561	3,533	30	34,130	33,201	929	135,245	56
61	20,572					771	393	79	299		32,346	32,296	50	68,400	57
14	3,264	11	1,651	2	243	398		308	90		28,598	27,094	1,504	42,401	58
222	80,285	178	29,062	85	10,679	63,338	4,721	2,065	54,003	2,549	332,582	318,393	14,189	710,124	59

repairs, 1; engraving and diesinking, 1; hand stamps, 2; hardware, 1; hones and whetstones, 1; ironwork, architectural and ornamental, 1; jewelry, 1; liquors, malt, 1; looking-glass and picture frames, 1; optical goods, 1; paper hanging, 1; plastering and stuccowork, 1; saws, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 2; sugar and molasses, refining, 2; trunks and valises, 1; upholstering materials, 2; vinegar and cider, 1; windmills, 1

TABLE 8.—MANUFACTURES IN LITTLE ROCK

	MANUFACTURING AND MECHANICAL INDUSTRIES, 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	All industries	171	$3,434,393	$318,962	$467,877	$1,407,104	$1,240,450	174	292	$249,948	2,751	$1,384,722
2	Blacksmithing and wheelwrighting	18	16,135	1,000	2,000	7,660	5,475	23	3	1,344	34	14,470
3	Boots and shoes, custom work and repairing.	18	3,501			1,176	2,325	18			10	4,120
4	Carriages and wagons	6	33,350	5,750	16,500	13,950	47,150	8	3	2,100	50	22,241
5	Clothing, men's, custom work and repairing.	14	24,870			2,960	21,910	16	2	1,320	63	33,344
6	Confectionery	4	30,550			5,800	24,750	5	12	6,690	59	14,514
7	Dyeing and cleaning	3	4,945	1,500	250	2,100	1,095	3			6	2,480
8	Foundry and machine shop products	4	180,165	20,000	28,000	48,192	83,973		20	17,836	126	57,500
9	Ice, manufactured	3	215,713	14,500	34,500	153,534	13,179	2	5	5,400	65	19,400
10	Lock and gun smithing	4	1,240			960	280	4			4	1,248
11	Lumber, planing mill products, including sash, doors, and blinds.	5	266,910	9,800	24,650	64,000	168,460	7	21	18,600	215	85,644
12	Millinery, custom work	4	19,100			1,100	18,000	6	3	2,700	34	12,400
13	Mineral and soda waters	4	9,550	1,400	600	6,750	800	4	1	720	7	2,927
14	Oil, cottonseed and cake	3	772,295	127,992	198,018	378,097	68,188		28	32,581	172	54,073
15	Painting, house, sign, etc	6	13,075			1,425	11,650	9	3	1,780	30	13,826
16	Photography	5	7,850			6,100	1,750	6			10	4,666
17	Plumbing, and gas and steam fitting	4	60,293			3,100	57,193	4	8	8,640	71	40,158
18	Printing and publishing, book and job	5	80,510			59,500	21,010	6	11	10,332	59	35,810
19	Printing and publishing, newspapers and periodicals.	10	220,400	1,600	1,000	123,800	94,000	8	36	31,720	108	70,350
20	Saddlery and harness	5	4,400			1,550	2,850	5	1	720	8	2,848
21	Tinsmithing, coppersmithing, and sheet-iron working.	6	59,700	25,000	15,000	8,125	11,575	8	1	1,500	28	13,364
22	Watch, clock, and jewelry repairing	5	23,000	3,000	2,000	3,350	14,650	5			11	9,480
23	All other industries[1]	35	1,336,841	107,420	145,359	513,875	570,187	27	134	105,960	1,581	869,859

[1] Embraces awnings, tents, and sails, 1; bicycle and tricycle repairing, 2; brick and tile, 2; carpentering, 2; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; cordage and twine, 1; cotton, compressing, 1; druggists' preparations, not including prescriptions, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; hand stamps, 1;

TABLE 9.—MANUFACTURES IN CITIES

1	Total for cities	359	$4,247,655	$883,592	$687,934	$1,420,482	$1,255,647	367	216	$197,923	2,540	$1,056,889
2	Fort Smith	194	1,131,924	121,582	237,360	402,452	370,530	206	74	72,894	1,012	394,363
3	Helena	43	563,146	33,990	112,074	278,133	138,949	43	28	29,667	272	108,702
4	Pine Bluff	91	2,470,025	716,320	321,850	709,096	722,759	87	106	89,748	1,111	488,546
5	Van Buren	31	82,560	11,700	16,650	30,801	23,409	31	8	5,614	145	65,278

BY 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.										
2,512	$1,339,015	191	$40,915	48	$4,792	$295,156	$47,166	$19,358	$221,268	$7,364	$1,990,081	$1,902,129	$87,952	$4,723,118	1
34	14,470					3,484	2,625	150	709		17,038	16,026	1,012	51,204	2
10	4,120					2,353	1,968	25	360		6,128	6,088	40	21,889	3
50	22,241					3,536	856	580	2,100		36,419	35,014	1,405	78,995	4
44	27,954	17	5,302	2	88	8,560	4,300	203	4,057		36,293	35,893	400	103,777	5
22	10,490	37	4,024			6,618	3,120	148	3,350		63,824	62,014	1,810	103,930	6
4	1,760	2	720			900	600	50	190		785	650	135	8,270	7
126	57,500					18,617	8,400	1,261	8,956		63,540	57,530	6,010	180,442	8
65	19,400					19,575	660	1,387	17,528		12,712	3,410	9,302	73,234	9
3	960	1	288			605	352	15	238		650	600	50	5,625	10
214	85,344	1	300			21,284	2,886	948	14,950	2,500	281,470	280,470	1,000	490,700	11
		34	12,400			3,300	1,790	250	1,260		30,300	30,300		62,880	12
7	2,927					661	361	61	239		7,093	6,963	130	19,180	13
172	54,073					40,760		4,446	36,314		428,161	409,262	18,899	753,145	14
29	13,646			1	180	2,184	1,083	187	964		12,410	12,290	120	41,951	15
9	4,339	1	327			1,962	1,320	54	588		4,524	4,393	131	19,450	16
71	40,158					3,286	1,920	129	1,237		72,830	72,500	330	142,984	17
51	34,630	5	580	3	600	6,945	3,520	325	2,780	320	47,230	45,585	1,645	129,000	18
90	63,490	17	6,710	1	150	44,687	5,040	920	34,467	4,260	40,940	37,872	3,068	286,346	19
8	2,848					2,240	1,620	73	547		4,385	4,325	60	12,934	20
28	13,364					2,189	1,164	240	785		31,312	30,996	316	62,299	21
11	9,480					1,317	884	128	305		12,459	12,145	314	35,898	22
1,464	855,821	76	10,264	41	3,774	105,093	7,637	7,828	89,344	281	770,578	737,803	41,775	2,038,935	23

ironwork, architectural and ornamental, 1; jewelry, 1; liquors, malt, 1; lumber and timber products, 2; marble and stone work, 1; mattresses and spring beds, 1; monuments and tombstones, 1; paper hanging, 1; roofing and roofing materials, 1; saws, 1; sewing machine repairing, 2; slaughtering and meat packing, wholesale, 1; tobacco, cigars and cigarettes, 1; trunks and valises, 1; upholstering materials, 1.

UNDER 20,000 IN POPULATION: 1900.

2,309	$987,600	144	$44,733	87	$24,556	$273,292	$45,567	$20,529	$176,328	$30,868	$2,257,378	$2,198,798	$63,580	$4,933,329	1
861	347,856	83	25,589	68	20,918	123,891	25,819	7,045	61,797	29,200	890,191	868,154	22,037	2,119,062	2
250	99,333	18	8,630	4	789	44,893	5,535	4,841	33,259	1,258	437,047	421,980	15,067	821,011	3
1,067	478,404	38	8,954	6	1,188	97,445	11,091	8,153	77,791	410	878,921	850,484	23,437	1,815,677	4
131	62,007	5	1,560	9	1,711	7,063	3,092	490	3,481		56,219	53,180	3,039	177,579	5

CALIFORNIA.

Table 1 shows the manufacturing and mechanical industries of the state of California 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	12,582	7,923	5,885	3,984	8,468	1,003	58.8	34.6	47.7	[1]53.0	744.3
Capital	$205,395,025	$146,797,102	$61,243,784	$39,728,202	$22,043,096	$1,006,197	39.9	139.7	54.2	80.2	2,090.7
Salaried officials, clerks, etc., number	7,884	[2]10,946	(3)	(3)	(3)	(3)	[1]28.0				
Salaries	$8,360,829	[2]$10,365,862	(3)	(3)	(3)	(3)	[1]19.3				
Wage-earners, average number	91,047	72,696	43,693	25,392	49,226	3,964	25.2	66.4	72.1	[1]48.4	1,141.8
Total wages	$47,425,947	$41,172,918	$21,065,905	$13,136,722	$28,402,287	$3,717,180	15.2	95.4	60.4	[1]53.7	664.1
Men, 16 years and over	71,648	59,065	38,911	24,040	49,171	(3)	21.3	54.2	59.4	[1]51.1	
Wages	$42,229,366	$37,588,772	(3)	(3)	(3)	(3)	12.3				
Women, 16 years and over	17,285	11,774	3,922	873	55		46.8	200.2	349.3	1,487.3	
Wages	$4,814,498	$3,289,042	(3)	(3)	(3)		46.4				
Children, under 16 years	2,114	1,857	1,460	479	(3)	(3)	13.8	27.2	204.8		
Wages	$382,083	$295,104	(3)	(3)	(3)	(3)	29.5				
Miscellaneous expenses	$16,190,282	$12,984,191	(4)	(4)	(4)	(4)	24.7				
Cost of materials used	$188,125,602	$120,243,683	$72,607,709	$35,351,193	$27,051,074	$1,201,151	56.5	65.6	105.4	30.7	2,152.1
Value of products, including custom work and repairing	$302,874,761	$213,403,996	$116,218,973	$66,594,556	$68,253,228	$12,862,522	41.9	83.6	74.5	[1]2.4	430.6
Total population	[5]1,482,179	1,208,130	864,694	560,247	379,994	92,597	22.7	39.7	54.3	47.4	310.4
Wage-earners engaged in manufactures	91,047	72,696	43,693	25,392	49,226	3,964	25.2	66.4	72.1	[1]48.4	1,141.8
Per cent of total population	6.1	6.0	5.1	4.5	13.0	4.3					
Assessed value of real estate	[6]$942,353,809	$891,449,172	$466,273,585	$176,527,160	$66,906,681	$16,347,442	5.7	91.2	164.1	163.8	309.3
Value of land and buildings invested in manufactures [7]	$57,297,801	$37,250,821	(3)	(3)	(3)	(3)	53.8				
Per cent of assessed value	6.1	4.2									

[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] Exclusive of 2,874 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] As given in the Biennial Report of the Controller of the State of California, for the year 1900, page 148.
[7] Does not include value of rented property.

Although California is an agricultural and a mining state, Table 1 shows that there has been a steady growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 92,597 to 1,482,179, or 1,500.7 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 3,964 to 91,047, or 2,196.8 per cent, embracing, in 1900, 6.1 per cent of the entire population, compared with 4.3 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 140,330, or 9.5 per cent of the total population of the state. The greatest percentage of increase in the value of the products, 430.6 per cent, is shown for the decade ending with 1860, while the greatest absolute increase occurred during the ten years from 1880 to 1890. The decrease in number of establishments, number of wage-earners, total wages paid, and value of products for the decade ending in 1870, is explained by the inclusion in 1860 of gold mining as a manufacturing industry, and its omission in 1870.

Four important conditions have limited the growth of manufactures in California, and have determined, in a large measure, the particular lines established. These are the geographical position of the state, the high rate of wages, the high price of fuel, and the exceptional attractions offered by mining and agriculture. California is removed from the great centers of the United States and from the important markets of the world by vast stretches of land and water. Railroad connection with the East was not made until 1869, and the cost of transportation is still practically prohibitive for certain commodities. The excellent harbor, San Francisco Bay, is connected by both rail and water with the large, fertile valleys of the interior. The isolation of the state has proved both an advantage and a disadvantage to the development of its manufactures. It has afforded a natural protection from outside competition, and has insured a steady, although somewhat restricted, home demand for certain products of the local factories; but it has, at the same time, added to the cost of such raw materials as must be brought from outside the state, and especially to the cost of iron and fuel.

Coal is found in the state, but it is poor in quality. A large part of the coal consumed is imported. At San Francisco, in June, 1900, first-class steam coal cost from $7.25 to $8.25 per long ton, delivered, according to the

location of the factory and the quantity required. It has recently been discovered that California possesses abundant stores of petroleum, and many wells have been sunk, especially in the southern part of the state. The importance of this discovery to the manufacturers of California can scarcely be exaggerated, since it practically solves the problem of fuel. Its influence is only slightly shown by the returns of the Twelfth Census, for the exploitation of the oil fields was but just beginning during the census year. A part of the increase in the manufactures of Los Angeles, shown in Table 4, may be attributed to this cause.

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, 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	14,166	$212,640,144	15,884	93,356	$48,709,123	$16,288,274	$189,062,091	$52,073,991	$128,220,280	$8,767,820	$305,519,013
Hand trades[1]	6,067	9,501,764	6,836	13,406	7,449,220	2,700,767	12,795,824	34,281	12,415,826	345,717	31,476,428
Governmental establishments	2	5,349,040	--------	1,177	1,111,726	----------	537,611	----------	497,305	40,306	1,742,479
Educational, eleemosynary, and penal institutions	8	1,369,035	1	870	149,940	13,004	263,130	85,957	147,232	29,941	462,489
Establishments with a product of less than $500	1,574	527,044	1,659	262	21,510	84,988	135,748	9,381	126,367	----------	439,314
All other establishments	6,515	195,893,261	7,388	77,611	39,976,727	13,489,515	175,329,778	51,944,372	115,033,550	8,351,856	271,398,333

[1] Includes bicycle and tricycle repairing, 234; blacksmithing and wheelwrighting, 1,349; boots and shoes, custom work and repairing, 797; carpentering, 511; clothing, men's, custom work and repairing, 688; clothing, women's, dressmaking, 365; dyeing and cleaning, 71; furniture, cabinetmaking, repairing, and upholstering, 217; lock and gun smithing, 116; masonry, brick and stone, 51; millinery, custom work, 306; painting, house, sign, etc., 439; paper hanging, 27; plastering and stuccowork, 40; plumbing, and gas and steam fitting, 414; sewing machine repairing, 6; taxidermy, 6; typewriter repairing, 6; watch, clock, and jewelry repairing, 424.

Of the 14,166 establishments of all classes shown in this table, 7,641, or 53.9 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 $31,915,742, or only 10.4 per cent of the total products of the state.

In addition to the 14,166 active establishments in the state during the census year, with a capital of $212,640,144, shown in Table 2, there were 76 idle establishments, with a capital of $2,226,897, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	5	$93,105	Lumber and timber products	20	$336,530
Confectionery	1	24,000	Lumber, planing mill products, including sash, doors, and blinds	3	29,000
Copper, smelting and refining	1	84,020	Paper and wood pulp	2	452,000
Flouring and grist mill products	2	24,360	Paving and paving materials	1	30,000
Foundry and machine shop products	2	12,250	Pottery, terra cotta, and fire-clay products	2	16,000
Fruits and vegetables, canning and preserving	4	35,625	Salt	2	45,000
Iron and steel	1	15,000	Sugar and molasses, beet	1	816,800
Lime and cement	1	103,000	All other industries	18	32,931
Liquors, distilled	1	18,500			
Liquors, vinous	9	63,776			

TABLE 3.—COMPARATIVE SUMMARY OF FOURTEEN 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	2,184	$92,043,252	37,068	$19,453,694	$7,004,897	$37,032,562	$131,246,019
	1890	1,540	64,553,671	27,536	14,660,682	5,588,468	67,885,818	102,373,233
Increase, 1890 to 1900	--------	644	27,489,581	9,532	4,793,012	1,416,429	19,146,744	28,872,786
Per cent of increase	--------	41.8	42.6	34.6	32.7	25.3	28.2	28.2
Per cent of total of all industries in state	1900	17.4	44.8	40.7	41.0	43.3	46.3	43.3
	1890	19.4	44.0	37.9	35.6	43.0	56.5	48.0
Cars and general shop construction and repairs by steam railroad companies.	1900	29	4,429,951	4,920	3,507,028	76,590	3,825,340	7,553,026
	1890	10	3,139,514	2,858	2,151,594	(1)	2,777,306	4,923,071
Cheese, butter, and condensed milk, factory product	1900	178	1,157,090	402	203,359	62,161	2,980,962	3,582,942
	1890	19	125,650	49	28,360	7,191	131,283	172,579
Clothing, men's, factory product	1900	96	1,060,934	2,410	758,264	241,655	2,309,326	3,869,891
	1890	121	724,697	1,277	511,459	57,144	1,407,404	2,568,921

[1] Not reported.

TABLE 3.—COMPARATIVE SUMMARY OF FOURTEEN 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.
Explosives	1900	7	$3,283,928	906	$602,765	$255,278	$2,669,634	$4,283,818
	1890	4	2,194,068	285	204,470	147,272	978,100	2,523,770
Flouring and grist mill products	1900	124	6,552,642	857	525,401	246,409	11,077,482	13,100,944
	1890	101	6,126,305	855	559,800	434,921	12,047,810	14,200,820
Foundry and machine shop products	1900	250	7,873,410	4,782	3,092,592	900,021	5,434,863	12,047,149
	1890	154	5,841,098	3,192	2,555,867	379,824	3,315,069	7,767,780
Fruits and vegetables, canning and preserving	1900	136	4,397,935	7,486	1,987,649	412,737	9,102,400	13,081,829
	1890	61	2,622,890	5,670	756,797	351,334	3,888,323	6,211,440
Leather, tanned, curried, and finished	1900	45	4,820,205	1,454	870,978	180,795	5,809,428	7,405,981
	1890	62	3,119,298	1,099	706,419	183,428	4,165,410	5,729,278
Liquors:								
Total	1900	294	12,918,511	1,496	984,205	2,397,896	3,994,707	9,261,600
	1890	201	9,360,507	1,477	795,175	1,208,851	2,073,617	5,596,800
Liquors, distilled	1900	8	76,600	20	5,932	5,675	191,364	238,267
	1890	8	106,053	42	12,464	122,834	53,498	229,701
Liquors, malt	1900	99	8,183,286	950	753,424	2,126,734	1,276,575	5,085,462
	1890	65	5,525,041	700	592,153	943,505	1,179,897	3,628,236
Liquors, vinous	1900	187	4,658,625	526	224,849	265,487	2,526,768	3,937,871
	1890	128	3,729,413	735	190,558	142,512	840,222	1,738,863
Lumber and timber products	1900	313	28,236,332	5,806	2,849,457	573,017	7,528,215	13,764,647
	1890	258	16,184,235	4,689	1,927,551	588,032	4,421,267	8,794,655
Lumber, planing mill products, including sash, doors, and blinds	1900	136	3,431,949	2,022	1,211,188	175,114	2,436,391	4,807,690
	1890	120	3,039,308	2,127	1,509,673	228,869	2,355,575	4,941,466
Printing and publishing, newspapers and periodicals	1900	512	4,440,602	2,683	1,804,619	637,302	1,420,243	6,858,192
	1890	376	4,345,600	2,799	2,133,967	1,118,276	1,426,629	6,500,445
Slaughtering:								
Total	1900	58	3,913,081	925	544,659	441,210	13,555,445	15,717,712
	1890	50	2,220,536	436	333,697	290,208	8,075,060	9,768,858
Slaughtering and meat packing, wholesale	1900	23	2,875,988	660	344,189	371,684	6,798,826	8,232,680
	1890	18	840,830	163	121,483	59,479	1,927,245	2,420,673
Slaughtering, wholesale, not including meat packing	1900	35	1,037,093	265	200,470	69,526	6,756,619	7,485,032
	1890	32	1,379,706	273	212,214	230,729	6,147,815	7,348,185
Sugar and molasses, refining	1900	6	5,526,682	919	511,535	401,682	14,888,126	15,909,998
	1890	3	5,509,965	723	491,353	598,118	20,822,965	22,673,850

The 14 leading industries of the state in 1900, as shown in Table 3, embraced 2,184 establishments, or 17.4 per cent of the total number in the state; used a capital of $92,043,252, or 44.8 per cent of the total; gave employment to 37,068 wage-earners, or 40.7 per cent of the total number; and paid $19,453,694, or 41 per cent of the total wages. The value of their products was $131,246,019, or 43.3 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.

The value of the varied products of the soil of the state greatly exceeds the value of the products of its mines. It is not surprising, therefore, that 5 of the 14 leading manufactures are more or less dependent upon agriculture or horticulture. These are the factory manufacture of cheese, butter, and condensed milk, flour and grist milling, the canning and preserving of fruits and vegetables, the manufacture of malt and vinous liquors, and the slaughtering industry.

Table 3 shows that the refining of sugar and molasses is the most important industry in the state. The 6 establishments reported in 1900 gave employment to 919 wage-earners, or 1 per cent of the wage-earners employed in the state, and their products were valued at $15,909,998, or 5.3 per cent of the total value of the products of the state. In 1890 there were 3 establishments, 723 wage-earners, and products valued at $22,673,850. There was a decrease in the value of products, during the decade, of $6,763,852, or 29.8 per cent, but the number of wage-earners shows an increase. The prominence of the industry is due to the fact that San Francisco is the nearest port of entry for the raw sugar of the Hawaiian Islands. Much of the land of California is suitable for the culture of sugar beets, and the state ranked second in the United States in the manufacture of beet sugar in 1900. In that year 7 establishments were reported, with 909 wage-earners, and products valued at $3,499,996. The statistics of this industry are shown in Table 7.

There were 58 establishments engaged in slaughtering and meat packing in 1900, the industry second in rank, with 925 wage-earners, and products valued at $15,717,712. In 1890 there were 50 establishments, 436 wage-earners, and products valued at $9,768,858. The increase in the value of products during the decade was $5,948,854, or 60.9 per cent. Meat packers have only recently succeeded in overcoming climatic difficulties which necessitated an excessive use of salt. Considerable quantities of canned and pickled or salted beef, tallow, bacon, hams, and lard are exported.

There were 313 establishments engaged in the manufacture of lumber and timber products in 1900, the industry third in rank, with 5,806 wage-earners, and products

valued at $13,764,647. In 1890 there were 258 establishments, 4,689 wage-earners, and products valued at $8,794,655. The increase in the value of products during the decade was $4,969,992, or 56.5 per cent. The lumber industry in the state of California is confined mainly to that section of the state lying north of Fresno county and west of the Sierra Nevada Mountains, and centering in the counties of Humboldt and Mendocino in the redwood district, the point of greatest production being at Eureka, on Humboldt Bay. The product, for 1900, of the 66 mills of these two counties, the materials for which were drawn from the famous redwood forests of this section, was valued at $4,665,536. The characteristic products of these mills are redwood lumber and shingles. Allied to this industry is the manufacture of planing mill products, in which 136 establishments were reported in 1900, with 2,022 wage-earners, and products valued at $4,807,690. In 1890 there were 120 establishments, 2,127 wage-earners, and products valued at $4,941,466. The decrease in the value of products during the decade was $133,776, or 2.7 per cent.

There were 124 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 857 wage-earners, and products valued at $13,100,944. In 1890 there were 101 establishments, 855 wage-earners, and products valued at $14,200,320. The decrease in the value of products during the decade was $1,099,376, or 7.7 per cent. In 1854 there was a large number of flour mills scattered about the state, with a total daily capacity estimated at 3,215 barrels.[1] California became a large producer of cereals in 1860. Since that year the mills have supplied practically all the flour for local consumption, and have furnished large quantities for export to China and other countries. The exports of flour reached the highest point in value in 1883, and in quantity in 1885, but as a result of the opening of grain fields in other parts of the world, and of the introduction of improved means of transportation, by which California has not benefited as extensively as have other grain-raising communities, they have since fallen nearly one-half in value and one-third in quantity.[2] Nevertheless, the decline during the decade in flouring and grist mill products, shown in Table 3, represents a decline in value and not in quantity, for the quantity has increased 20.2 per cent.

There were 136 establishments engaged in the canning and preserving of fruits and vegetables in 1900, with 7,486 wage-earners, and products valued at $13,081,829. In 1890 there were 61 establishments, 5,670 wage-earners, and products valued at $6,211,440. The increase in the value of products during the decade was $6,870,389, or 110.6 per cent. This industry was begun about 1875, in which year, it is estimated, 4,500,000 two-pound cans were packed,[3] since which time the advance has been rapid. Peaches, pears, plums, apricots, cherries, tomatoes, peas, and asparagus are the fruits and vegetables most extensively canned and preserved.

There were 250 establishments engaged in the manufacture of foundry and machine shop products in 1900, with 4,782 wage-earners, and products valued at $12,047,149. In 1890 there were 154 establishments, 3,192 wage-earners, and products valued at $7,767,780. The increase in the value of products during the decade was $4,279,369, or 55.1 per cent. The demand for mining tools and machinery is the foundation of this industry, which has grown to large proportions in spite of many difficulties. The first foundry in the state was established in 1849, the year after the discovery of gold,[4] and in 1860 San Francisco alone had 14 foundries and machine shops, with an output valued at $1,218,500. The cost of bringing bulky machinery and heavy tools from a distance has protected local manufacturers against outside competition; but this expense of transportation, applied to raw materials, has added greatly to the cost of manufacture. That these difficulties have been overcome is largely a triumph of mechanical skill. California foundry and machine shop products not only control the local markets in certain lines, but enter the markets of the world. These products consist principally of pumping and drilling machinery, stamp mills, hoisting apparatus, steam engines, and boilers.

The achievements of the battleship Oregon, built in this state, have directed attention to the iron and steel shipbuilding industry of California, but as there were but 2 establishments in this industry in 1900, it is not possible to give statistics without disclosing operations of individual establishments.

There were 294 establishments engaged in the manufacture of liquors in 1900, with 1,496 wage-earners, and products valued at $9,261,600. In 1890 there were 201 establishments, 1,477 wage-earners, and products valued at $5,596,800. The increase in the value of products during the decade was $3,664,800, or 65.5 per cent. In the manufacture of vinous liquors California leads all other states, as it led them in 1890, being the great grape-growing region of the United States. There were 187 establishments engaged in this branch of the industry in 1900, with 526 wage-earners, and products valued at $3,937,871. In 1890 there were 128 establishments, 735 wage-earners, and products valued at $1,738,863. The increase during the decade was $2,199,008, or 126.5 per cent. The brewers of malt liquors have the advantage of abundant supplies of grain and hops, and the market in the Orient for their products is growing.

There were 29 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 4,920 wage-earners, and products valued at $7,553,626. In 1890 there were 10 establishments, 2,858 wage-earners, and products valued at $4,923,071. The increase in the value of products during the decade was $2,630,555, or 53.4 per cent.

There were 45 establishments engaged in the tanning,

[1] The Journal of Political Economy, September, 1894, pages 524 and 530.

[2] Annual reports of the San Francisco Chamber of Commerce.

[3] The Commerce and Industries of the Pacific Coast, by J. S. Hittell, page 239.

[4] History of California, by H. H. Bancroft, Vol. VII, page 94.

currying, and finishing of leather in 1900, with 1,454 wage-earners, and products valued at $7,405,981. In 1890 there were 62 establishments, 1,099 wage-earners, and products valued at $5,729,278. The increase in the value of products during the decade was $1,676,703, or 29.3 per cent. Early in the Nineteenth century, when California was a Spanish colony, the principal exports were hides and tallow from the great herds of cattle which overran the hills and valleys of the coast ranges. There were small tanneries at some of the missions and at the Russian settlement at Fort Ross. It was not until 1861, however, that the leather industry became of importance. Since 1877[1] the demand for hides has outstripped the local supply, and additional supplies have been obtained from other states and from Central and South America. Most of the leather produced is sold within the United States, although leather and leather goods are exported in considerable quantities.

There were 512 establishments engaged in the printing and publishing of newspapers and periodicals in 1900, with 2,683 wage-earners, and products valued at $6,858,192. In 1890 there were 376 establishments, 2,799 wage-earners, and products valued at $6,500,445. The increase in the value of products during the decade was $357,747, or 5.5 per cent.

There were 7 establishments engaged in the manufacture of explosives in 1900, with 906 wage-earners, and products valued at $4,283,818. In 1890 there were 4 establishments, 285 wage-earners, and products valued at $2,523,770. The increase in the value of products during the decade was $1,760,048, or 69.7 per cent. The manufacture of gunpowder, especially for use in mining, began in 1863,[2] when the supplies which had previously been drawn from the East were cut off by the Government's demand for gunpowder for the war. It was not until after 1872[2] that the manufacture of high explosives began. Although the industry includes the manufacture of military and sporting ammunition, by far the larger part of the explosives produced in 1900 was for use in the mines.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Los Angeles, Oakland, Sacramento, and San Francisco, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] The Commerce and Industries of the Pacific Coast, page 489. History of California, Vol. VII, page 91.

[2] History of California, Vol. VII, page 99.

TABLE 4.—COMPARATIVE SUMMARY, LOS ANGELES, OAKLAND, SACRAMENTO, AND SAN FRANCISCO, 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	12,582	$205,895,025	91,047	$47,425,947	$16,190,282	$188,125,602	$302,874,761
	1890	7,923	146,797,102	72,696	41,172,918	12,984,191	120,243,683	213,403,996
Per cent of increase		58.8	39.9	25.2	15.2	24.7	56.5	41.9
Los Angeles	1900	1,415	11,742,838	8,044	3,992,733	1,513,898	10,572,660	21,297,537
	1890	750	6,811,488	3,872	2,347,094	680,897	5,014,034	9,893,835
Per cent of increase		88.7	72.4	107.7	70.1	122.3	110.9	115.3
Oakland	1900	752	6,364,651	4,012	2,129,598	620,459	4,277,647	9,174,257
	1890	342	6,629,468	3,918	2,568,934	438,010	4,687,699	9,112,778
Per cent of increase		119.9	[1] 4.0	2.4	[1] 17.1	41.7	[1] 8.7	0.7
Sacramento	1900	275	7,369,013	4,365	2,977,764	703,922	6,057,837	11,141,896
	1890	302	5,651,782	4,186	2,652,869	439,227	6,033,317	10,424,582
Per cent of increase		[1] 8.9	30.3	4.3	12.2	60.3	0.4	6.9
San Francisco	1900	4,002	80,103,367	41,978	22,037,527	8,826,167	79,492,952	133,069,416
	1890	4,059	74,834,301	41,764	24,591,116	8,322,483	78,656,470	135,625,754
Per cent of increase		[1] 1.4	7.0	0.5	[1] 10.4	6.1	1.1	[1] 1.9
Total for 4 cities	1900	6,444	105,579,869	58,399	31,137,622	11,663,941	100,401,096	174,683,106
	1890	5,453	93,930,039	53,740	32,160,013	9,880,617	94,391,520	165,056,949
Per cent of increase		18.2	12.4	8.7	[1] 3.2	18.0	6.4	5.8
Per cent of 4 cities to total for state	1900	51.2	51.4	64.1	65.7	72.0	53.4	57.7
	1890	68.8	64.0	73.9	78.1	76.1	78.5	77.3

[1] Decrease.

It appears from Table 4 that there has been an increase during the past decade in the combined manufactures of the 4 principal cities of the state. The number of establishments increased from 5,453 to 6,444, or 18.2 per cent; the average number of wage-earners from 53,740 to 58,399, or 8.7 per cent; and the value of products from $165,056,949 to $174,683,106, or 5.8 per cent. In each of these particulars, however, the increase is less than in the state as a whole. Los Angeles shows the most rapid growth, the value of products having increased from $9,893,835 in 1890 to $21,297,537 in 1900, or 115.3 per cent. In San Francisco, the leading manufacturing city of the state, the number of establishments decreased from 4,059 to 4,002, or 1.4 per cent, and the value of products from $135,625,754 to $133,069,416, or 1.9 per cent, while the average number of wage-earners increased from 41,764 to 41,978, or 0.5 per cent. The number of establishments, number of wage-earners, and value of products for this city constituted 31.8, 46.1, and 43.9 per cent, respectively, of the totals for the state.

Table 5 presents the totals for the manufacturing industries of the 16 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	12,582	$205,395,025	14,224	91,047	$47,425,947	$16,190,282	$188,125,602	$302,874,761	-------	100.0	[1]1,482,179	-------	100.0
Total for urban manufactures	8,008	122,059,226	9,401	66,235	35,006,539	13,115,987	114,078,063	198,000,789	-------	65.4	647,834	-------	43.7
Fresno	159	1,648,138	192	1,009	513,064	136,761	1,903,800	3,238,217	7	1.1	12,470	8	0.8
Los Angeles	1,415	11,742,838	1,584	8,044	3,992,733	1,513,393	10,572,660	21,297,537	2	7.0	102,479	2	6.9
Napa	76	1,054,634	85	534	203,857	86,688	795,285	1,245,105	11	0.4	4,036	12	0.3
Oakland	752	6,364,651	830	4,012	2,129,598	620,459	4,277,647	9,174,257	4	3.0	66,960	3	4.5
Petaluma	86	712,003	92	366	155,332	59,014	516,814	971,670	12	0.3	3,871	13	0.3
Sacramento	275	7,369,013	316	4,365	2,977,764	703,922	6,057,837	11,141,893	3	3.7	29,282	4	2.0
San Diego	208	1,147,712	230	574	281,786	132,568	556,787	1,309,321	10	0.4	17,700	6	1.2
San Francisco	4,002	80,103,367	4,924	41,978	22,037,527	8,826,167	79,492,952	133,069,416	1	43.9	342,782	1	23.1
San Jose	349	3,534,136	387	1,302	853,048	351,131	2,447,365	4,584,072	6	1.5	21,500	5	1.5
Santa Clara	36	613,510	38	248	146,099	26,586	330,155	712,421	14	0.2	3,650	14	0.2
Santa Cruz	84	1,456,753	85	490	262,187	149,035	873,438	1,648,483	8	0.6	5,659	11	0.4
Santa Rosa	139	765,547	153	657	260,667	98,781	902,579	1,521,343	9	0.5	6,673	10	0.5
Stockton	291	4,810,253	335	1,649	944,734	332,047	4,515,356	6,659,916	5	2.2	17,506	7	1.2
Tulare	29	79,075	31	38	16,260	4,943	67,380	118,862	16	0.1	2,216	16	0.1
Vallejo	64	446,696	67	233	134,994	48,869	419,569	736,629	13	0.3	7,965	9	0.5
Visalia	43	210,900	52	236	96,389	25,623	348,439	571,644	15	0.2	3,085	15	0.2
Total for state exclusive of urban manufactures	4,574	83,335,799	4,823	24,812	12,419,408	3,074,295	74,047,539	104,873,972	-------	34.6	834,345	-------	56.3
Per cent of urban manufactures to total for state	63.6	59.4	66.1	72.7	73.8	81.0	60.6	65.4	-------	-------	43.7	-------	-------

[1] Exclusive of 2,874 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

Of the 12,582 establishments in the state, 8,008, or 63.6 per cent, were located in these 16 cities and towns. They furnished employment to 66,235 wage-earners, or 72.7 per cent of the total number, and the value of their products, $198,000,789, formed 65.4 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 Los Angeles, Oakland, Sacramento, San Francisco, and San Jose 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

	COUNTIES AND 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	The State	12,582	$205,395,025	$34,735,416	$22,562,385	$62,440,759	$85,656,465	14,224	7,884	$8,360,829	91,047	$47,425,947
2	Alameda	1,166	12,246,366	1,569,072	1,559,119	4,585,777	4,532,398	1,276	534	528,050	7,468	3,913,623
3	Amador	41	184,770	11,505	28,350	64,420	80,495	43	9	8,320	81	45,734
4	Butte	124	986,625	59,315	109,200	286,989	531,121	120	56	37,877	717	223,598
5	Calaveras	40	305,920	42,315	30,475	110,505	122,625	46	9	11,060	149	91,825
6	Colusa	49	204,745	8,135	26,969	67,265	102,376	45	8	6,420	90	70,510
7	Contra Costa	104	9,024,467	461,801	2,244,565	2,588,604	3,729,497	101	125	180,743	1,462	883,828
8	Del Norte	16	814,800	198,500	61,260	472,775	82,265	12	9	6,050	97	44,120
9	Eldorado	49	300,114	96,175	36,425	78,920	88,594	55	5	3,550	101	51,566
10	Fresno	231	6,317,279	1,775,318	592,261	1,640,526	2,309,174	264	169	193,091	1,948	960,887
11	Glenn	50	89,716	5,800	18,895	29,726	35,295	55	------	------	51	23,137
12	Humboldt	187	7,905,611	3,436,181	373,070	1,995,331	2,101,029	195	92	87,476	1,441	767,214
13	Inyo	19	363,878	56,418	65,321	64,219	177,920	19	9	9,233	72	38,925
14	Kern	96	665,990	68,860	132,630	206,201	258,209	104	24	21,600	437	277,603
15	Kings	52	295,777	24,764	44,783	89,944	136,286	54	14	13,100	272	121,906
16	Lake	50	121,902	12,670	13,025	52,050	44,157	60	------	------	88	23,612
17	Lassen	14	90,340	20,085	20,150	28,850	21,255	15	2	1,200	27	11,123
18	Los Angeles	1,762	13,671,902	1,353,390	1,570,244	4,074,547	6,673,721	1,961	1,018	898,778	9,365	4,489,223
19	Madera	38	810,928	77,700	153,775	289,131	289,422	40	15	15,925	281	203,530
20	Marin	80	690,934	120,235	120,600	179,000	271,089	90	18	19,600	353	175,248
21	Mariposa	12	79,140	21,475	7,700	38,500	11,465	13	2	1,320	16	6,604
22	Mendocino	96	6,093,099	3,495,316	261,455	1,631,378	704,950	96	53	67,340	1,338	608,951
23	Merced	61	229,504	15,520	55,154	64,998	93,832	65	8	4,925	75	37,239
24	Modoc	48	173,372	12,250	36,790	67,480	57,352	55	------	------	42	17,780
25	Mono	8	118,562	48,760	5,315	46,840	17,647	9	1	750	14	7,471
26	Monterey	59	3,498,575	189,174	863,050	2,357,176	89,175	59	13	22,660	387	240,376
27	Napa	158	1,496,219	84,515	310,985	395,135	705,584	177	40	27,835	629	249,628
28	Nevada	130	1,496,828	406,022	269,569	437,373	383,864	133	33	32,995	626	367,658
29	Orange	123	1,291,907	67,600	219,602	614,964	392,741	128	37	37,335	486	169,599
30	Placer	78	1,627,184	253,140	243,795	386,488	743,761	79	46	71,190	579	280,280
31	Plumas	36	222,910	39,765	21,725	92,035	69,385	42	2	2,100	84	43,667
32	Riverside	127	614,984	66,645	96,910	215,632	235,897	141	32	29,753	392	236,672
33	Sacramento	323	8,017,913	712,844	1,544,837	2,739,613	3,020,619	366	195	224,584	4,647	3,098,624
34	San Benito	58	247,279	34,695	31,341	71,985	109,258	57	9	5,770	67	35,147
35	San Bernardino	178	2,497,026	408,120	300,712	1,287,244	500,950	182	79	84,898	1,192	680,442
36	San Diego	271	1,515,108	326,100	199,185	561,171	428,652	294	66	55,222	666	330,669
37	San Francisco	4,002	80,103,367	8,468,392	5,820,445	24,824,345	40,990,185	4,924	4,041	4,619,033	41,978	22,037,527
38	San Joaquin	352	5,136,707	752,701	728,274	1,273,242	2,382,490	399	178	179,579	1,864	1,052,091
39	San Luis Obispo	131	422,748	43,225	92,408	194,368	92,747	137	16	10,074	188	76,758
40	San Mateo	52	1,947,050	149,441	364,541	256,250	1,176,818	52	37	59,393	559	334,287
41	Santa Barbara	120	6,115,329	3,952,593	314,300	1,281,241	567,195	126	45	36,272	419	212,774
42	Santa Clara	570	5,794,668	1,154,996	1,074,797	1,330,892	2,233,983	613	352	251,520	3,256	1,343,081
43	Santa Cruz	187	3,339,831	753,472	216,205	595,272	1,774,882	211	39	98,923	1,033	517,572
44	Shasta	83	1,302,426	82,035	302,574	214,134	703,683	97	24	21,497	533	400,776
45	Sierra	27	256,672	88,490	29,200	77,025	61,957	30	6	5,030	84	60,340
46	Siskiyou	83	2,407,465	908,178	215,892	577,788	705,607	92	43	49,790	581	349,477
47	Solano	131	2,812,040	202,566	443,785	435,313	1,730,376	125	53	50,516	863	504,138
48	Sonoma	363	4,433,752	770,283	404,796	697,581	2,561,092	389	101	112,264	1,720	654,842
49	Stanislaus	59	289,483	18,060	49,497	95,756	126,170	56	16	13,506	75	41,393
50	Sutter	22	185,550	57,750	40,525	32,535	54,740	20	12	18,000	233	80,355
51	Tehama	71	1,309,311	736,800	61,390	257,603	253,518	78	5	3,700	254	114,278
52	Trinity	18	43,188	4,208	5,625	13,938	19,417	21	2	600	32	8,475
53	Tulare	96	451,591	95,956	56,985	164,985	133,665	107	13	8,474	334	143,554
54	Tuolumne	62	1,514,057	774,145	116,650	373,350	249,912	67	15	14,347	357	190,078
55	Ventura	73	2,382,966	69,215	338,505	1,569,990	405,256	80	57	48,786	485	256,637
56	Yolo	90	273,667	24,995	67,490	96,808	84,374	96	11	10,809	123	56,062
57	Yuba	56	558,893	47,735	149,259	165,561	196,338	53	36	37,966	336	158,228

TABLE 7.—MANUFACTURES BY

1	All industries	12,582	$205,395,025	$34,735,416	$22,562,385	$62,440,759	$85,656,465	14,224	7,884	$8,360,829	91,047	$47,425,947
2	Agricultural implements	20	1,852,157	238,832	185,669	280,360	1,152,296	12	81	74,900	562	322,272
3	Ammunition	5	414,917	50,900	71,000	87,667	205,350	1	11	17,900	130	61,080
4	Artificial limbs	4	5,758	------	------	2,058	3,700	5	------	------	10	6,460
5	Awnings, tents, and sails	30	246,932	3,600	1,100	34,380	207,852	40	16	19,328	214	135,131
6	Babbitt metal and solder	4	175,675	------	------	24,575	151,100	4	8	11,250	34	22,774
7	Bags, other than paper	9	805,290	1,500	2,000	67,490	734,300	8	25	17,806	225	88,551
8	Baking and yeast powders	9	744,945	12,110	19,850	56,881	656,104	13	81	81,282	104	47,536
9	Baskets, and rattan and willow ware	17	113,905	15,600	9,000	21,115	68,190	14	8	6,625	154	45,910
10	Belting and hose, leather	6	188,106	37,500	16,709	30,307	98,590	7	12	10,816	40	25,856
11	Bicycle and tricycle repairing	234	283,327	17,145	18,480	87,413	160,289	264	5	2,624	255	120,529
12	Bicycles and tricycles	4	19,254	------	------	4,400	14,854	5	------	------	19	11,080
13	Billiard tables and materials	3	24,250	------	------	3,250	21,000	2	6	5,180	14	11,444
14	Blacksmithing and wheelwrighting	1,349	2,076,782	400,045	378,247	421,039	877,451	1,541	16	10,990	1,234	715,701
15	Bookbinding and blank book making	21	100,925	------	------	63,750	37,175	28	12	12,418	225	102,777
16	Boot and shoe uppers	4	3,900	------	------	700	3,200	6	2	381	6	2,765

BY COUNTIES: 1900.

from Alpine county.]

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.										
71,648	$42,229,366	17,285	$4,814,498	2,114	$382,083	$16,190,282	$3,300,563	$1,049,932	$9,876,976	$1,962,811	$188,125,602	$183,260,497	$4,865,105	$302,874,761	1
5,820	3,477,700	1,412	392,825	236	43,098	991,866	181,809	61,935	507,344	240,778	9,414,932	9,000,400	414,532	17,852,388	2
78	44,484	3	1,250	------	------	11,001	2,479	1,292	8,130	------	122,772	117,005	5,767	237,595	3
341	160,306	263	51,466	113	12,126	56,800	10,427	13,851	29,772	2,750	808,949	796,990	11,959	1,391,309	4
143	90,055	4	1,820	2	450	12,369	2,403	1,973	7,893	100	195,766	129,825	5,941	372,418	5
87	69,810	1	400	2	300	19,730	13,056	1,694	4,380	600	82,166	73,448	8,718	243,797	6
1,417	871,448	30	9,286	15	3,094	410,904	7,082	29,060	374,762	------	35,218,438	34,835,173	378,265	36,909,580	7
94	48,220	3	900	------	------	13,278	216	5,082	7,980	------	222,637	220,872	1,765	359,749	8
94	49,943	5	1,515	2	108	10,288	2,399	1,902	5,187	750	88,876	83,228	5,648	218,782	9
1,599	861,941	323	93,105	26	5,841	298,263	36,729	32,847	227,838	849	3,765,537	3,697,635	67,902	6,280,351	10
39	20,668	8	2,081	4	388	7,439	2,907	740	3,792	------	42,121	39,926	2,195	115,668	11
1,402	754,193	33	12,537	6	484	194,702	14,585	43,959	135,703	455	2,640,750	2,621,835	18,915	4,362,912	12
70	38,475	2	450	------	------	7,752	371	1,396	5,835	150	85,590	75,363	10,227	201,350	13
422	273,333	10	3,596	5	674	29,128	8,965	7,828	12,335	------	429,003	410,931	18,072	911,149	14
147	78,369	120	43,063	5	474	51,565	4,814	2,453	34,052	10,246	775,527	764,959	10,568	1,060,474	15
59	19,617	24	3,140	5	855	6,978	3,054	1,200	2,724	------	93,112	90,481	2,631	171,840	16
26	10,883	------	------	1	240	3,659	50	889	2,720	------	54,389	53,101	1,288	90,185	17
7,146	3,950,623	1,922	488,419	297	50,181	1,638,353	380,613	71,789	864,031	321,920	13,038,153	12,690,905	347,248	25,040,463	18
274	201,610	6	1,430	1	460	33,819	3,625	3,163	27,031	------	200,718	189,259	11,459	620,260	19
343	173,378	9	1,795	1	75	29,523	8,066	3,553	17,904	------	339,516	319,503	20,013	761,392	20
15	6,164	1	440	------	------	1,217	188	685	394	------	11,638	11,378	260	32,185	21
1,331	607,580	3	1,035	4	336	98,161	4,888	45,242	48,031	------	1,122,093	1,116,290	5,803	2,359,169	22
67	36,059	4	1,000	4	180	13,011	4,466	1,640	6,345	560	189,652	184,322	5,330	326,111	23
36	16,860	2	420	4	500	7,300	1,158	1,610	4,387	145	91,271	88,019	3,252	158,758	24
11	6,865	2	528	1	78	1,568	48	665	812	13	11,680	10,675	1,005	30,542	25
372	236,626	7	2,420	8	1,330	38,476	2,728	17,954	17,794	------	1,475,930	1,384,274	91,656	1,970,529	26
443	204,795	160	40,608	26	4,225	121,941	15,809	10,778	95,204	150	1,021,702	999,715	21,987	1,663,526	27
614	304,856	11	2,557	1	245	76,079	12,075	19,375	44,629	------	741,860	728,103	13,757	1,454,570	28
267	127,121	209	40,993	10	1,485	57,558	12,682	7,088	37,713	75	827,555	804,498	23,057	1,274,095	29
487	265,724	65	11,936	27	2,620	58,772	4,365	8,842	45,423	142	331,308	277,180	54,128	931,149	30
83	48,267	1	400	------	------	5,472	740	1,172	3,560	------	105,346	104,257	1,089	216,054	31
338	229,467	42	6,572	12	633	34,124	12,780	3,016	16,028	2,300	635,860	591,815	44,045	1,143,034	32
4,231	2,976,303	381	115,734	35	6,587	736,358	71,501	69,905	477,886	117,116	7,068,022	6,750,946	317,076	12,500,298	33
61	33,829	5	1,186	1	132	19,655	4,176	1,878	13,601	------	163,140	156,421	6,719	258,910	34
1,149	671,421	26	6,844	17	2,177	154,181	16,767	16,261	87,403	33,750	1,775,282	1,601,729	173,553	3,322,828	35
538	298,995	122	30,812	6	862	146,628	37,934	8,671	77,873	22,150	686,844	653,354	33,490	1,554,315	36
31,722	19,106,879	9,321	2,734,984	935	195,664	8,826,167	2,083,400	354,450	5,295,847	1,092,470	79,492,952	77,797,077	1,695,875	133,069,416	37
1,654	997,843	180	50,372	30	3,876	357,776	48,944	34,421	236,915	37,496	5,023,871	4,936,476	87,395	7,482,573	38
142	64,594	40	11,249	6	915	28,202	9,523	3,112	13,453	2,114	266,409	256,693	9,716	500,222	39
530	323,700	28	10,467	1	120	66,518	8,622	4,582	53,314	------	1,784,520	1,751,865	32,655	2,520,055	40
372	198,729	44	13,570	3	475	43,419	15,245	10,410	16,689	1,075	493,733	449,662	44,071	897,426	41
2,008	1,043,950	1,138	284,387	110	14,744	461,299	99,095	29,753	321,325	11,126	4,004,345	3,905,467	98,878	7,534,144	42
999	509,596	29	7,486	5	490	204,454	23,689	16,602	151,443	12,720	1,544,292	1,508,228	36,004	2,963,514	43
520	397,359	8	2,915	5	502	77,613	6,184	6,703	64,501	225	1,373,131	886,752	486,379	4,592,164	44
82	60,210	------	------	2	130	8,358	372	1,969	6,017	------	138,396	136,828	1,568	248,491	45
555	341,162	11	4,105	15	4,210	68,816	6,172	10,835	51,809	------	1,170,971	1,160,791	10,180	2,099,612	46
750	473,806	96	27,027	17	3,305	101,810	19,921	13,473	68,223	193	2,008,649	1,975,989	27,660	2,974,469	47
1,065	505,665	626	146,093	29	3,084	258,706	51,186	20,826	150,399	36,295	2,972,171	2,916,466	55,705	4,971,357	48
66	39,785	8	1,362	1	156	18,941	2,498	2,228	13,997	218	415,319	403,961	11,358	563,843	49
77	35,155	124	38,200	32	7,000	12,678	574	933	11,171	------	240,415	236,889	3,526	374,145	50
211	106,814	8	2,405	35	5,054	42,885	9,652	5,964	27,269	------	588,057	581,311	6,746	859,267	51
31	8,427	------	------	1	48	2,416	588	463	1,365	------	25,355	24,745	610	62,067	52
195	102,981	137	40,318	2	255	32,744	7,190	3,044	20,480	2,030	491,759	480,248	11,511	825,231	53
351	188,728	5	1,290	1	60	26,194	5,263	8,968	11,963	------	495,149	489,484	5,665	862,754	54
372	234,122	110	21,258	3	1,257	78,119	4,651	10,886	51,152	11,430	741,792	669,644	72,148	1,415,166	55
97	48,595	23	7,157	3	310	22,857	8,582	2,445	11,410	420	229,297	219,024	10,273	408,575	56
205	120,248	130	37,790	1	190	51,542	8,257	6,527	36,758	------	816,944	799,082	17,862	1,243,535	57

SPECIFIED INDUSTRIES: 1900.

71,648	$42,229,366	17,285	$4,814,498	2,114	$382,083	$16,190,282	$3,300,563	$1,049,932	$9,876,976	$1,962,811	$188,125,602	$183,260,497	$4,865,105	$302,874,761	1
562	322,272	------	------	------	------	106,011	835	8,204	96,672	300	588,568	516,573	21,995	1,357,849	2
103	49,460	27	11,620	------	------	30,753	------	1,243	29,510	------	491,140	485,675	5,465	651,550	3
10	6,460	------	------	------	------	1,563	715	7	841	------	3,809	3,809	------	20,325	4
126	106,259	82	27,725	6	1,147	30,643	15,571	1,631	13,341	100	973,702	972,522	1,180	1,273,184	5
33	22,196	------	------	1	578	6,782	4,260	368	2,154	------	464,140	446,080	18,060	551,455	6
118	55,347	107	33,204	------	------	52,800	12,782	1,651	38,367	------	1,789,871	1,786,456	3,415	2,034,239	7
60	37,986	44	9,550	------	------	127,360	7,756	2,872	112,932	3,800	748,462	741,823	6,639	1,130,133	8
83	29,985	71	15,925	------	------	7,071	2,125	464	4,482	------	93,637	92,632	1,005	203,990	9
36	25,310	------	------	4	546	14,704	5,604	875	8,225	------	182,153	179,029	3,124	288,693	10
242	118,429	2	560	11	1,540	54,104	38,507	2,332	13,155	110	195,758	188,715	7,043	564,088	11
19	11,080	------	------	------	------	3,144	1,180	56	1,333	575	25,470	25,035	435	47,670	12
13	11,080	------	------	1	364	6,099	5,276	218	605	------	29,985	29,935	50	70,000	13
1,219	711,513	------	------	15	4,188	159,639	106,969	15,589	34,081	3,000	1,045,393	934,953	110,440	3,236,424	14
96	58,955	105	38,286	24	5,536	15,510	10,748	472	4,290	------	63,141	61,277	1,864	238,805	15
5	2,455	1	310	------	------	1,138	1,020	10	------	108	4,485	4,425	60	11,177	16

TABLE 7.—MANUFACTURES BY

	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	Boots and shoes, custom work and repairing.	797	$266,218	$32,188	$38,394	$92,703	$102,933	821	2	$1,800	255	$123,277
18	Boots and shoes, factory product	30	1,257,746	13,500	12,450	343,633	888,163	82	61	55,532	994	456,927
19	Bottling	78	2,722,274	64,100	309,351	72,245	2,276,578	75	98	158,051	420	269,398
20	Boxes, cigar	7	64,930	9,000	3,200	19,900	32,830	32	3	1,800	96	39,758
21	Boxes, fancy and paper	13	152,849			52,744	100,105	20	14	11,020	296	96,015
22	Boxes, wooden packing	23	717,116	17,377	80,698	183,702	435,339	9	52	62,740	509	284,068
23	Brass castings and brass finishing	12	691,727	78,500	36,650	157,430	419,147	15	25	30,655	337	212,874
24	Brassware	4	87,250			31,180	56,070	4	2	3,000	8	6,229
25	Bread and other bakery products	350	1,664,664	349,245	322,425	445,731	547,263	423	194	109,726	1,548	836,000
26	Brick and tile	56	1,205,295	244,643	411,428	176,607	372,617	60	45	42,790	720	332,724
27	Bridges	11	611,100		500	218,800	391,800	20	46	65,080	613	324,733
28	Brooms and brushes	30	184,501	9,325	10,700	27,590	136,889	32	25	18,086	211	98,861
29	Buttons	5	6,487			725	5,762	6	1	1,200	6	988
30	Carpentering	511	1,302,866	208,715	196,665	165,280	732,206	595	38	37,532	2,339	1,597,860
31	Carpets, rag	5	4,130	500	500	1,375	1,755	5			7	4,405
32	Carriage and wagon materials	9	243,850	15,000	25,000	15,600	188,250	10	5	7,800	47	31,454
33	Carriages and wagons	228	1,474,424	327,321	230,630	228,725	687,748	274	34	37,975	1,004	532,203
34	Cars and general shop construction and repairs by steam railroad companies.	29	4,429,951	300,165	1,242,009	1,409,802	1,477,975		119	141,798	4,920	3,507,028
35	Cars, street railroad, not including operations of railroad companies.	3	205,704	5,000	55,000	94,000	51,704	3	5	5,015	70	39,120
36	Cheese and butter, urban dairy products.	8	12,798		500	8,620	3,678	12			4	1,809
37	Cheese, butter, and condensed milk, factory product.	178	1,157,090	196,192	259,832	460,270	240,796	137	90	47,464	402	203,359
38	Chemicals	21	1,844,928	248,752	289,511	651,992	654,673	11	62	70,493	390	230,395
39	China decorating	8	9,411			556	8,855	3	1	900	2	1,000
40	Clothing, men's, custom work and repairing.	688	1,331,440	51,678	41,138	62,006	1,176,618	789	149	137,468	2,332	1,289,312
41	Clothing, men's, factory product	96	1,060,934	42,500	33,000	103,153	882,281	278	72	66,072	2,410	758,264
42	Clothing, women's, dressmaking	365	399,892	27,655	22,980	44,237	305,020	392	36	30,055	1,604	596,342
43	Clothing, women's, factory product	59	691,843			50,321	641,522	182	67	51,006	1,311	437,367
44	Coffee and spice, roasting and grinding.	40	1,657,466	7,000	4,700	149,510	1,496,256	48	168	212,013	267	157,614
45	Coffins, burial cases, and undertakers' goods.	6	231,775	1,000	3,700	8,725	218,350	3	12	15,200	68	29,551
46	Confectionery	204	978,383	60,850	27,800	252,964	631,769	237	234	137,648	940	307,091
47	Cooperage	33	470,558	98,240	77,285	58,490	236,543	36	13	14,700	385	247,394
48	Copper, smelting and refining	3	1,114,882	11,500	278,734	131,845	692,803		21	25,357	381	342,491
49	Corsets	10	2,467			540	1,927	10			22	8,097
50	Druggists' preparations, not including prescriptions.	7	142,250	4,000	100	24,650	113,500	3	18	21,360	103	50,226
51	Dyeing and cleaning	71	112,989	11,050	7,400	58,615	35,924	77	31	15,525	325	122,055
52	Electrical apparatus and supplies	11	181,474	6,000	12,196	80,101	83,177	5	29	28,638	238	129,906
53	Electrical construction and repairs	44	144,047	1,000	250	46,571	96,226	49	17	16,138	184	116,909
54	Electroplating	9	27,002			18,451	8,551	9	3	2,758	33	16,665
55	Engraving and diesinking	17	12,075			8,285	3,790	18			19	7,836
56	Engraving, steel, including plate printing.	11	12,500			8,000	4,500	10	2	1,004	24	12,840
57	Engraving, wood	4	760			760		4			1	1,000
58	Explosives	7	3,288,928	206,987	909,985	394,029	1,772,927		82	130,860	906	602,765
59	Fancy articles, not elsewhere specified.	4	8,170			170	8,000	9			1	360
60	Fertilizers	8	647,506	79,476	128,210	59,314	380,506	3	16	20,148	70	40,138
61	Fish, canning and preserving	19	691,285	51,000	70,100	69,235	500,950	33	33	49,710	376	158,888
62	Flavoring extracts	9	66,714	5,000	5,000	9,891	46,823	7	15	12,920	30	9,490
63	Flouring and grist mill products	124	6,552,642	690,081	1,124,862	1,555,248	3,182,451	101	199	269,866	857	525,401
64	Food preparations	60	504,069	40,450	113,050	124,522	226,047	87	47	30,010	435	165,998
65	Foundry and machine shop products	250	7,873,410	1,003,642	490,368	2,232,227	4,147,173	265	477	541,336	4,782	3,092,592
66	Fruits and vegetables, canning and preserving.	136	4,397,985	1,132,110	728,891	554,036	1,982,848	128	259	242,388	7,486	1,987,649
67	Fur goods	27	1,164,700	280,000	75,150	10,875	848,675	30	12	16,967	175	101,715
68	Furnishing goods, men's	17	277,290	5,000	3,000	8,145	261,145	44	53	38,280	583	130,886
69	Furniture, cabinetmaking, repairing, and upholstering.	217	304,197	21,675	32,315	47,422	202,785	250	11	7,485	336	196,949
70	Furniture, factory product	40	543,411	8,250	45,000	126,215	363,946	50	57	43,405	684	365,406
71	Gas and lamp fixtures	10	426,846	63,600	58,400	33,612	271,234	6	46	55,580	201	119,457
72	Gas, illuminating and heating	41	20,487,350	1,730,002	926,457	16,615,701	1,215,190		203	229,285	707	497,237
73	Gas machines and meters	9	32,540	1,500	2,040	9,150	19,850	11	4	3,600	23	9,284
74	Glass, cutting, staining, and ornamenting.	14	175,096	29,150	25,080	11,875	108,991	14	18	18,492	77	43,304
75	Gloves and mittens	23	432,996	4,010	7,250	32,820	388,916	30	65	52,962	622	224,953
76	Glue	4	129,590	15,000	33,000	17,500	64,000	3	5	3,560	38	22,940
77	Grease and tallow	5	61,490	7,200	7,000	8,600	38,690	10			17	11,424
78	Hairwork	15	27,300		1,500	2,950	22,850	17	1	312	62	25,611
79	Hand knit goods	3	2,770			475	2,295	3			9	3,562
80	Hand stamps	14	57,075			25,650	31,425	13	10	9,840	44	23,390
81	Hardware, saddlery	6	2,510		500	860	1,150	6			8	3,344
82	Hats and caps, not including fur hats and wool hats.	14	128,029	8,000	4,000	25,675	90,354	13	8	12,300	94	40,446
83	Hosiery and knit goods	8	89,160		4,000	17,910	67,250		10	12,160	79	27,880
84	House furnishing goods, not elsewhere specified.	3	5,125			525	4,600	2	1	250	3	1,180
85	Ice, manufactured	20	1,305,971	236,100	166,553	806,135	97,183	7	64	62,661	190	132,023
86	Ink, printing	3	77,310			14,900	62,410	2	9	9,800	21	13,952

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.										
250	$122,683	2	$262	3	$332	$100,072	$78,824	$1,963	$9,026	$10,259	$284,056	$282,214	$1,842	$918,025	17
720	372,131	241	79,036	38	5,760	64,373	22,338	4,874	36,961	200	1,098,181	1,086,668	11,516	1,850,511	18
412	266,826			8	2,572	308,348	33,828	6,957	267,563		3,550,572	3,536,915	13,677	4,800,160	19
60	31,240	30	7,642	6	876	8,170	5,030	904	2,236		59,932	58,962	970	142,808	20
66	33,563	224	61,142	6	1,810	17,567	10,347	655	6,565		134,450	132,412	2,038	328,880	21
580	278,856	7	1,980	12	3,232	65,421	13,910	3,000	48,511		1,027,205	1,025,821	1,384	1,778,970	22
337	212,874					20,606	9,748	3,340	6,222	1,296	386,780	367,944	18,836	770,949	23
6	5,653	2	576			2,480	1,350	60	510	480	13,272	13,032	240	40,000	24
1,265	756,656	261	71,387	22	7,957	216,379	124,027	9,541	82,706	105	2,624,261	2,519,486	104,775	4,876,688	25
710	330,326	2	504	8	1,894	62,027	5,516	4,974	46,537	5,000	165,843	39,553	126,290	834,262	26
618	324,733					53,263	4,741	2,239	15,283	31,000	656,478	620,413	36,065	1,209,762	27
189	93,415	9	2,330	13	3,116	14,426	8,998	626	4,702	100	187,847	185,934	1,913	382,072	28
		2	336	4	652	1,277	635	50	592		2,795	2,745	50	8,870	29
2,329	1,594,522	8	1,800	7	1,538	845,512	43,763	9,147	71,841	720,761	3,851,631	3,845,347	6,284	7,816,386	30
5	3,635	2	770			615	480	9	126		1,336	1,716	120	9,928	31
46	31,142	1	312			8,767	2,046	1,394	5,327		133,854	133,084	770	305,302	32
978	527,447			26	4,756	99,663	45,670	10,598	33,985	9,410	715,207	678,371	36,836	1,874,467	33
4,908	3,502,570	7	2,578	5	1,880	76,590		53,658	22,932		3,825,340	3,611,445	213,895	7,553,626	34
70	39,120					7,498	2,220	1,228	4,050		99,395	94,775	4,620	191,855	35
3	1,529	1	280			1,297	1,076	34	37	150	43,525	42,917	608	50,631	36
352	187,848	50	15,511			62,161	10,379	6,098	44,764	920	2,980,962	2,915,352	65,610	3,582,942	37
387	228,973	3	1,422			89,823	1,280	8,089	80,454		1,406,425	1,259,225	147,200	2,061,470	38
		2	1,000			1,032	962	8	62		1,268	1,082	186	14,331	39
1,742	1,088,945	552	192,513	38	7,854	545,005	292,838	9,828	78,408	164,431	1,969,297	1,956,201	13,096	5,172,688	40
814	348,774	1,581	407,150	15	2,340	241,655	47,640	6,679	77,313	109,998	2,309,326	2,293,375	15,951	3,869,891	41
148	116,336	1,445	478,709	11	1,297	123,864	96,825	2,109	22,830	2,100	755,388	750,283	5,105	2,013,499	42
346	178,889	954	256,584	11	1,894	62,300	45,400	1,763	13,937	1,200	1,007,874	1,001,955	5,919	1,981,136	43
196	138,073	67	18,860	4	681	145,606	60,980	7,027	77,599		2,314,878	2,284,748	30,130	3,135,558	44
50	23,756	18	5,795			16,920	6,920	829	9,171		178,357	177,697	660	276,772	45
459	217,662	459	86,134	22	4,195	181,275	115,432	5,712	60,131		1,154,486	1,120,706	33,780	2,389,618	46
378	244,994	1	600	6	1,800	63,429	10,512	2,004	17,913	33,000	948,148	946,477	1,671	1,413,456	47
381	342,491					90,026		4,229	85,797		1,379,423	827,564	551,859	4,508,259	48
2	1,020	20	7,077			2,577	2,198	34	345		8,665	8,487	178	30,475	49
46	32,700	44	14,800	13	2,725	30,968	8,268	1,170	21,530		128,815	127,415	1,400	295,762	50
131	67,725	188	53,484	6	846	45,291	22,215	562	20,618	1,896	63,688	50,777	12,911	408,983	51
228	127,826			10	2,080	11,771	8,152	690	2,929		359,135	353,197	5,938	555,735	52
174	114,069	1	316	9	2,524	20,273	12,479	621	6,873	300	257,654	254,578	3,076	585,814	53
31	16,065			2	570	4,997	3,140	67	1,640	150	18,144	16,420	1,724	58,670	54
14	6,600	2	720	3	516	3,529	3,159	40	330		5,960	5,818	142	34,700	55
18	11,110	4	1,414	2	316	2,716	2,337	40	339		4,194	4,107	87	30,840	56
1	1,000					677	672	5			1,170	1,170		8,120	57
882	593,128	24	9,637			255,278	1,600	10,178	243,500		2,669,634	2,553,489	116,145	4,283,818	58
1	360					903	484	4	415		2,405	2,405		6,707	59
70	40,138					17,638	1,430	1,403	14,805		482,818	473,999	8,819	670,517	60
279	136,422	73	19,680	24	2,786	28,370	6,626	1,885	14,709	150	449,718	441,918	7,800	866,482	61
16	6,770	12	2,000	2	720	9,557	2,816	219	6,472	50	53,351	52,153	1,198	111,980	62
825	516,144	27	8,357	5	900	246,409	14,428	43,342	188,049	590	11,077,482	10,877,755	199,727	13,100,944	63
305	137,506	125	27,826	5	666	53,480	17,756	2,856	32,469	399	892,670	867,801	24,869	1,420,519	64
4,716	3,077,964	2	744	64	18,884	900,021	129,452	31,492	641,230	97,847	5,434,863	5,121,064	313,799	12,047,149	65
1,819	702,428	5,252	1,283,861	415	51,360	412,737	26,708	18,311	366,412	1,306	9,102,400	9,005,687	96,713	18,081,829	66
62	52,022	112	49,423	1	270	33,221	14,918	9,060	9,243		500,329	499,769	560	1,188,295	67
411	102,630	160	27,100	12	1,156	29,545	11,512	1,288	15,045	1,700	364,189	362,367	1,822	664,085	68
297	182,486	33	13,331	6	1,182	62,438	38,038	2,522	14,328	7,550	288,028	284,855	3,173	823,875	69
633	351,569	36	10,792	15	3,045	80,334	29,508	6,587	43,839	1,400	583,755	571,752	12,003	1,267,986	70
175	114,057	10	2,800	16	2,000	25,607	8,050	1,320	16,237		165,133	158,679	6,454	453,229	71
705	496,587			2	650	604,347	55,230	126,428	423,194		395,853	357,173	38,680	3,162,333	72
22	9,034	1	250			2,709	1,945	174	590		20,820	20,485	335	45,565	73
71	42,250	1	300	5	754	19,175	9,926	2,122	6,627	500	148,312	145,825	2,487	307,998	74
176	94,924	422	126,729	24	3,300	68,189	15,500	1,845	50,644	200	436,512	433,638	2,874	920,624	75
38	22,940					4,659	360	667	3,407	225	219,705	207,145	12,560	277,234	76
17	11,424					5,632	720	267	4,645		182,641	180,251	2,390	239,726	77
7	3,480	55	22,131			9,310	6,822	150	2,338		24,639	24,394	245	84,686	78
2	2,016	7	1,546			981	629	7	345		1,814	1,814		10,100	79
38	21,912	2	812	4	666	8,188	5,993	210	1,915	20	23,025	22,029	996	79,669	80
8	3,344					506	402	7	97		1,179	1,087	92	9,712	81
30	19,968	60	19,828	4	650	24,327	10,903	287	13,187		77,115	75,342	1,773	184,602	82
6	3,200	66	23,500	7	1,180	10,570	1,800	540	8,230		71,751	70,751	1,000	126,980	83
1	780	1	150	1	250	1,124	815	20	289		6,860	6,857	3	13,670	84
188	131,543	2	480			89,759	6,160	6,256	77,343		119,889	40,941	78,948	511,197	85
21	13,952					5,165	2,955	642	1,568		67,603	64,467	3,136	119,740	86

TABLE 7.—MANUFACTURES BY

	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.
87	Instruments, professional and scientific	10	$60,700			$18,800	$41,900	13	7	$4,900	40	$29,646
88	Iron and steel	3	1,499,162	$480,500	$104,500	565,000	349,162		18	22,250	555	827,184
89	Ironwork, architectural and ornamental.	22	462,939	1,200	2,300	102,625	356,814	21	37	50,194	259	158,715
90	Ivory and bone work	3	1,550			1,100	450	3			5	2,800
91	Jewelry	31	208,894	1,000	1,025	49,949	156,920	53	18	18,547	252	175,701
92	Kaolin and other earth grinding	5	65,395	50,500	2,500	8,700	3,695	7	1	720	14	5,085
93	Lamps and reflectors	4	14,850			3,050	11,800	7	5	5,320	16	8,502
94	Lard, refined	3	15,267	3,750	1,500	830	9,187	5			7	2,870
95	Leather goods	28	117,603	1,000	1,625	16,515	98,463	34	21	18,650	166	62,448
96	Leather, tanned, curried, and finished	45	4,820,205	303,350	577,115	427,800	3,511,880	48	75	106,458	1,454	870,973
97	Lime and cement	18	1,286,333	559,460	202,833	221,987	302,053	14	30	39,196	386	209,039
98	Liquors, distilled	8	76,600	2,100	15,200	17,850	41,450	9			20	5,932
99	Liquors, malt	99	8,183,286	1,212,127	1,894,415	1,477,327	3,599,417	105	125	212,634	950	753,424
100	Liquors, vinous	187	4,658,625	130,315	866,971	699,750	2,952,589	172	106	124,465	526	224,849
101	Lithographing and engraving	8	620,270			215,069	405,201	4	42	66,440	421	207,230
102	Lock and gun smithing	116	123,425	19,000	15,250	39,085	50,090	131	5	1,910	68	38,168
103	Looking-glass and picture frames	57	384,795	19,700	12,700	42,095	310,300	59	34	22,136	305	141,527
104	Lumber and timber products	313	23,236,332	13,403,324	1,087,313	7,559,658	6,186,042	335	335	368,437	5,806	2,849,457
105	Lumber, planing mill products, including sash, doors, and blinds.	136	3,431,949	255,793	318,268	823,572	2,034,316	149	162	176,290	2,022	1,211,188
106	Malt	5	376,130	82,900	144,000	46,500	102,730	4	6	12,600	52	47,311
107	Marble and stone work	49	901,877	126,363	117,720	106,705	551,089	59	37	58,070	551	373,952
108	Masonry, brick and stone	51	123,005	14,650	9,825	33,060	65,470	63	10	12,235	416	240,555
109	Matches	3	86,600		2,800	20,000	63,800		5	8,100	68	34,460
110	Mattresses and spring beds	21	142,560	4,150	11,100	12,339	114,971	30	17	20,180	149	62,819
111	Millinery and lace goods	13	35,321			7,380	27,941	14	11	6,080	120	32,155
112	Millinery, custom work	306	797,672	125,600	38,150	28,065	605,857	345	156	59,318	904	293,759
113	Mineral and soda waters	106	580,236	82,310	78,940	225,590	193,396	118	91	82,372	282	154,980
114	Models and patterns	10	32,390	2,000	2,000	8,720	19,670	13			55	31,335
115	Monuments and tombstones	75	303,740	62,290	18,063	27,705	195,682	95	12	11,830	197	142,288
116	Mucilage and paste	4	51,125	12,000	10,000	17,025	12,100	2	5	10,500	24	13,157
117	Musical instruments and materials, not specified.	6	14,905			2,555	12,350	6			8	5,395
118	Musical instruments, organs and materials.	4	34,240	4,750	3,800	4,830	20,860	4	2	2,240	20	13,720
119	Musical instruments, pianos and materials.	4	39,150	7,000	4,000	4,350	23,800	3			15	12,300
120	Oil, not elsewhere specified	7	991,287	259,419	219,657	163,355	351,856	3	43	59,910	207	89,046
121	Optical goods	14	47,735			14,130	33,605	18	13	21,920	42	27,090
122	Painting, house, sign, etc	439	471,791	71,170	43,025	83,614	273,982	501	30	20,189	1,480	909,983
123	Paints	11	873,378	8,300	159,588	117,463	588,027	10	33	39,922	168	100,444
124	Paper goods, not elsewhere specified	4	53,625			22,000	31,625	3	4	1,950	46	18,100
125	Paper hanging	27	70,965	5,000	300	4,948	60,717	35	3	939	127	72,088
126	Patent medicines and compounds	56	787,851	173,020	63,500	95,868	455,466	47	59	64,428	230	109,357
127	Paving and paving materials	52	6,159,839	4,179,993	133,175	823,233	1,023,438	52	96	130,909	2,123	738,169
128	Perfumery and cosmetics	8	58,043		5,000	6,220	46,823	13	32	14,200	48	16,743
129	Petroleum, refining	4	477,618	46,810	26,813	315,987	88,008		19	40,308	53	42,463
130	Photography	222	406,777	13,200	14,125	185,590	193,862	250	64	88,310	395	182,157
131	Photolithographing and photoengraving.	14	85,906			21,936	13,970	16	10	11,086	74	35,125
132	Pickles, preserves, and sauces	27	349,575	57,025	27,975	49,240	215,335	29	50	46,544	183	69,514
133	Pipes, tobacco	4	1,135			425	710	4				
134	Plastering and stuccowork	40	85,127	13,165	15,150	19,840	36,972	45			140	110,187
135	Plumbers' supplies	5	84,764	1,600	3,800	44,198	35,666	4	3	4,480	82	55,735
136	Plumbing, and gas and steam fitting	414	1,318,162	196,600	143,575	169,941	808,046	513	40	30,204	1,281	835,434
137	Pottery, terra cotta, and fire-clay products.	18	1,306,869	111,704	435,040	212,352	547,773	16	41	58,540	391	246,270
138	Printing and publishing, book and job	232	1,863,663	1,400	2,050	1,187,567	672,646	268	136	140,292	1,608	874,972
139	Printing and publishing, newspapers and periodicals.	512	4,440,602	161,215	239,835	2,464,724	1,574,828	538	857	840,650	2,688	1,804,619
140	Roofing and roofing materials	21	144,741	20,100	5,950	46,725	71,966	23	19	19,810	106	60,037
141	Rubber and elastic goods	6	38,500			17,500	21,000	3	8	4,135	21	8,295
142	Saddlery and harness	347	1,673,021	433,955	196,280	130,359	912,427	372	59	47,885	684	376,883
143	Safes and vaults	4	25,000			11,500	13,500	3	10	7,200	37	20,900
144	Salt	24	757,895	468,661	36,000	102,511	150,723	28	37	37,128	267	109,774
145	Sausage	10	53,125	17,000	7,800	19,200	9,125	12	2	900	24	12,267
146	Saws	4	157,097	4,460	18,146	94,397	40,094		15	16,440	48	34,457
147	Sewing machine repairing	6	6,575	1,000	2,000	2,800	775	4	1	50	6	3,608
148	Ship and boat building, wooden	39	298,990	30,950	38,170	92,360	137,510	51	21	23,348	885	538,694
149	Shirts	33	266,512			25,512	241,000	53	44	52,468	622	223,236
150	Shoddy	3	10,225	1,500	2,625	2,500	3,600	4			8	3,940
151	Show cases	5	12,800			3,800	9,000	6			34	18,888
152	Silk and silk goods	5	303,847	3,600	29,726	44,161	231,360	6	6	4,998	117	33,055
153	Slaughtering and meat packing, wholesale.	23	2,875,988	411,474	688,560	425,156	1,350,798	19	123	174,152	660	344,139
154	Slaughtering, wholesale, not including meat packing.	35	1,037,093	86,600	92,400	76,555	782,588	45	57	80,415	265	200,470
155	Soap and candles	35	1,402,772	153,116	256,178	308,914	684,564	44	53	59,731	244	117,428
156	Steam fittings and heating apparatus	3	10,050			5,300	4,750	1	5	1,336	9	6,125

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
39	$29,406	1	$240			$5,131	$4,356	$138	$637		$10,736	$9,936	$800	$74,880	87
539	323,862	4	1,000	12	$2,322	18,914		5,036	13,908		506,834	401,469	105,365	900,854	88
256	158,325			3	390	30,073	12,522	979	12,572	$4,000	405,341	396,230	9,111	758,518	89
4	2,500	1	300			592	564	8	25		1,525	1,525		8,060	90
238	173,543	2	520	12	1,638	43,264	15,592	889	21,983	4,800	418,458	408,650	9,808	742,769	91
14	5,085					3,215	1,151	63	561	1,440	25,301	23,135	2,166	49,545	92
12	7,560	1	234	3	708	3,371	1,872	49	1,210	240	19,882	19,498	384	45,500	93
7	2,870					754	741	9	4		59,926	59,434	492	67,758	94
90	46,651	72	15,357	4	440	16,351	6,330	425	8,396	1,200	76,015	74,934	1,081	234,360	95
1,487	864,719	11	4,044	6	2,210	180,795	5,673	17,492	157,630		5,809,428	5,773,872	35,556	7,405,981	96
386	209,039					36,521	100	4,854	19,067	12,500	215,575	109,293	106,282	619,796	97
20	5,932					5,675	100	417	5,083	75	191,364	188,505	2,859	238,267	98
940	749,844	8	3,280	2	300	2,126,734	11,370	41,725	2,073,639		1,276,575	1,082,579	193,996	5,085,462	99
526	224,849					265,487	24,059	24,984	216,444		2,526,768	2,464,346	62,422	3,937,871	100
290	174,618	107	29,258	24	3,354	55,137	19,155	1,963	34,019		269,364	260,917	8,447	718,945	101
62	37,063	1	150	5	955	21,648	17,589	928	3,131		43,163	40,770	2,393	205,803	102
243	127,717	35	9,910	27	3,900	52,497	19,510	2,012	30,945		158,604	156,798	1,806	513,260	103
5,706	2,825,527	41	13,527	59	10,403	573,047	12,608	168,645	391,794		7,528,215	7,526,676	1,539	13,764,647	104
1,960	1,197,169	4	1,170	58	12,849	175,114	62,584	15,757	85,025	11,748	2,436,391	2,403,670	32,721	4,807,690	105
51	46,911	1	400			11,130		2,530	8,600		346,911	330,896	16,015	582,990	106
547	373,202	2	600	2	150	39,988	18,016	3,743	10,904	7,325	371,657	356,144	15,513	1,053,215	107
416	240,555					200,790	4,173	1,046	8,149	187,422	322,546	320,976	1,570	941,812	108
63	31,760	5	2,700			4,605	1,020	175	3,410		36,365	35,375	990	108,060	109
118	54,917	20	7,010	5	892	12,864	9,310	949	2,605		245,268	243,343	1,925	448,839	110
10	4,264	109	27,837	1	54	5,124	3,318	99	1,657	50	39,429	39,187	242	116,710	111
14	8,104	861	281,207	29	4,448	200,519	163,792	5,711	30,989	27	1,039,272	1,037,068	2,204	2,114,749	112
268	151,380	6	1,725	8	1,875	60,295	17,504	6,811	35,980		403,473	393,814	9,659	1,004,758	113
52	30,665			3	670	5,239	3,825	109	1,155	150	16,475	15,194	1,281	78,563	114
194	141,476	2	723	1	84	19,217	7,816	1,439	8,340	1,622	229,159	227,597	1,562	545,482	115
20	11,957			4	1,200	2,235	988	352	895		47,442	45,788	1,654	81,500	116
8	5,395					2,157	1,107	30	620	400	3,415	3,378	37	27,513	117
20	13,720					3,458	348	120	2,990		9,184	8,984	200	30,100	118
15	12,300					2,028	840	118	1,070		10,866	10,866		45,660	119
197	84,846	10	4,200			56,892	1,200	7,975	47,717		615,855	604,461	11,394	928,113	120
37	25,690	2	960	3	440	12,953	6,692	245	5,416	600	57,028	55,836	1,192	178,277	121
1,470	908,339	1	240	9	1,404	88,801	60,949	2,832	22,716	2,304	727,607	726,902	705	2,306,487	122
154	97,047	9	3,397			19,165	6,300	1,776	10,972	117	853,231	841,471	11,760	1,128,643	123
36	15,100	10	3,000			13,623	2,420	273	10,930		167,255	164,935	2,320	231,500	124
127	72,088					23,865	6,318	542	3,005	14,000	77,160	77,136	24	233,327	125
121	68,344	114	40,189	4	824	165,168	17,759	2,582	144,827		572,399	568,327	4,072	1,182,476	126
2,123	738,169					71,794	4,634	6,094	58,166	2,900	849,057	828,684	20,373	2,149,974	127
20	9,798	28	6,945			34,158	1,930	85	32,143		85,230	84,958	272	180,265	128
53	42,453					15,785		3,261	12,524		489,989	454,368	35,621	697,877	129
224	122,397	158	57,488	13	2,272	118,950	78,275	1,886	35,484	3,305	301,733	299,395	2,338	1,022,075	130
70	34,380	1	270	3	475	4,399	3,139	178	1,082		15,129	13,371	1,758	99,275	131
103	53,406	76	15,552	4	556	23,890	10,600	1,492	11,798		336,620	329,433	7,187	652,878	132
						1,026	932	14	80		1,120	1,120		5,230	133
188	109,771			2	416	8,011	2,970	397	2,314	2,330	126,345	125,524	821	306,678	134
72	54,556	2	675	8	504	4,390	3,792	168	430		32,460	28,593	3,867	111,150	135
1,249	828,614	3	300	29	6,520	117,952	72,141	6,863	33,190	5,758	1,809,980	1,792,650	17,330	3,587,933	136
387	245,226			4	1,044	50,275	2,635	5,324	42,316		261,270	113,955	147,315	751,476	137
1,260	763,557	264	95,490	84	15,925	198,545	88,389	7,424	79,860	22,872	850,134	816,431	33,703	2,743,126	138
2,158	1,650,777	344	123,979	181	24,863	637,302	147,847	26,246	336,076	127,133	1,420,243	1,343,223	77,020	6,858,192	139
106	60,037					11,876	2,779	701	8,096	300	163,954	163,802	5,152	325,166	140
21	8,295					2,805	1,930	170	705		33,450	31,685	1,765	58,300	141
635	364,373	23	6,905	26	5,605	116,516	64,962	12,372	38,358	824	1,112,056	1,108,470	3,586	2,014,876	142
37	20,900					2,837	2,360	76	401		41,695	40,965	730	104,100	143
260	107,604	6	1,927	1	243	30,990	9,458	2,504	19,028		116,712	104,587	12,125	380,193	144
21	11,895	1	216	2	156	6,176	4,248	550	1,378		70,865	68,236	2,629	122,275	145
44	33,457			4	1,000	15,640	6,140	500	9,000		31,406	26,884	4,522	102,857	146
6	3,608					1,011	882	49	80		4,082	4,005	77	10,296	147
880	537,060			5	1,634	89,025	9,751	1,548	67,226	10,500	702,319	697,177	5,142	1,654,108	148
96	48,627	524	174,279	2	330	86,254	19,594	1,296	10,134	55,230	435,911	430,681	5,230	983,866	149
8	3,940					586	384	67	135		9,156	6,270	2,886	17,678	150
34	18,888					3,000	2,178	74	208	540	16,464	16,132	332	63,358	151
24	14,436	91	18,119	2	500	4,113	2,220	680	1,213		146,219	144,237	1,982	255,902	152
650	338,141	10	6,048			371,684	13,212	12,388	344,484	1,600	6,798,826	6,784,581	64,245	8,232,680	153
265	200,470					69,526	19,270	4,644	45,562	50	6,756,619	6,748,331	8,288	7,485,032	154
195	104,910	41	10,910	8	1,608	86,733	2,803	6,128	77,802		1,108,364	1,081,049	27,315	1,595,017	155
9	6,125					814	355	30	429		11,933	11,723	210	28,800	156

TABLE 7.—MANUFACTURES BY

	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.
157	Steam packing	8	$46,885			$9,775	$37,110	6	8	$5,558	32	$18,751
158	Stencils and brands	4	7,800			4,800	3,000	4			6	4,540
159	Stereotyping and electrotyping	5	74,700			39,000	35,700	2	5	4,624	46	35,060
160	Sugar and molasses, beet	7	9,322,980	$320,869	$1,665,770	6,681,130	655,211		122	117,880	909	480,072
161	Sugar and molasses, refining	6	5,526,682	82,600	1,168,500	1,433,955	2,841,627	1	69	136,411	919	511,535
162	Surgical appliances	10	16,115	400	600	7,140	7,975	11	2	1,386	17	10,662
163	Taxidermy	6	8,800			800	8,000	8			1	250
164	Tinsmithing, coppersmithing, and sheet-iron working.	254	3,249,103	193,100	181,063	786,750	2,088,190	293	121	115,469	2,149	1,086,733
165	Tobacco, cigars and cigarettes	231	755,502	22,050	21,950	47,443	664,059	346	47	54,954	1,235	493,314
166	Tools, not elsewhere specified	11	55,675		5,150	34,410	16,115	12	2	2,100	37	19,742
167	Trunks and valises	12	169,274			13,847	155,427	15	13	11,110	160	70,220
168	Typefounding	3	96,000			65,000	31,000	2	11	10,551	33	17,113
169	Typewriter repairing	6	9,630			1,100	8,530	6	1	600	15	8,940
170	Umbrellas and canes	6	7,630			755	6,875	6			9	5,608
171	Upholstering materials	9	44,950	5,500	1,700	11,600	26,150	11	4	3,900	42	13,639
172	Varnish	3	148,500	42,000	21,000	11,000	74,500	1	6	7,800	14	7,316
173	Vinegar and cider	4	160,992	43,061	14,575	13,950	89,406	4	5	5,150	42	21,113
174	Watch, clock, and jewelry repairing	424	409,401	15,110	13,420	147,617	233,254	456	7	3,813	288	174,223
175	Windmills	6	15,650	4,000	1,950	2,350	7,950	7			23	11,590
176	Window shades	14	29,085	3,100	2,750	4,235	19,600	19	1	720	31	17,206
177	Wirework, including wire rope and cable.	24	372,132	950	350	136,629	234,203	27	30	25,370	218	124,835
178	Wood, turned and carved	29	41,182	3,125	2,125	16,390	19,542	32	2	676	59	30,080
179	Woolen goods	5	1,050,474	90,900	117,935	270,348	571,291	1	18	25,460	430	159,825
180	Wool scouring	6	329,668	40,000	20,000	74,600	195,068	1	9	11,440	230	107,167
181	All other industries[1]	96	10,999,481	1,179,021	1,175,799	2,411,517	6,233,144	91	253	372,932	4,496	2,643,953

[1] Embraces artificial feathers and flowers, 2; artists' materials, 1; axle grease, 1; bags, paper, 2; belting and hose, rubber, 1; blacking, 1; boot and shoe cut stock, 1; calcium lights, 1; card cutting and designing, 1; carpets, wood, 2; cars and general shop construction and repairs by street railroad companies, 2; charcoal, 1; chocolate and cocoa products, 1; cleansing and polishing preparations, 2; clothing, men's, factory product, buttonholes, 1; cordage and twine, 1; cordials and sirups, 2; cork, cutting, 1; cotton goods, 1; cutlery and edge tools, 1; dentists' materials, 2; drug grinding, 1; dye stuffs and extracts, 1; enameling and enameled goods, 2; files, 2; firearms, 1; fireworks, 1; flags and banners, 1; foundry supplies, 1; furs, dressed, 1; gas and oil stoves, 1; glass, 1; gold and silver, leaf and foil, 1; hardware, 2; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, doors and shutters, 1; iron and steel, forgings, 2; japanning, 1; jewelry and

TABLE 8.—MANUFACTURES IN CITIES

LOS ANGELES.

1	All industries	1,415	$11,742,838	$1,014,352	$1,214,411	$3,510,617	$6,003,458	1,584	939	$840,855	8,044	$3,992,733
2	Awnings, tents, and sails	4	55,280			8,000	47,280	5	4	4,128	35	16,533
3	Baskets, and rattan and willow ware	3	1,730			835	895	3			4	1,250
4	Bicycle and tricycle repairing	42	30,893	445	875	11,140	18,433	49	1	364	56	22,523
5	Blacksmithing and wheelwrighting	77	47,542	5,750	4,735	13,645	23,412	94			64	35,901
6	Bookbinding and blank book making	3	17,100			8,300	8,800	5	4	4,118	24	9,316
7	Boots and shoes, custom work and repairing.	82	16,082	1,000	325	6,571	8,186	84			16	3,386
8	Bottling	3	18,167	1,000	5,500	1,000	10,667	3	4	2,229	16	7,496
9	Boxes, fancy and paper	4	20,174			13,369	6,805	6	2	720	58	16,453
10	Boxes, wooden packing	4	38,828		5,000	15,528	18,300	2	4	4,120	46	19,393
11	Bread and other bakery products	51	238,533	18,520	20,425	75,700	123,888	59	40	20,517	208	110,554
12	Brick and tile	6	169,000	40,000	60,500	23,500	45,000	5	8	7,240	110	43,053
13	Brooms and brushes	4	25,050	800	450	3,690	20,110	3	3	2,580	32	12,835
14	Buttons	3	5,737			225	5,512	4	1	1,200	4	650
15	Carpentering	100	173,815	40,650	20,325	15,201	97,639	114	8	7,360	389	223,338
16	Carriages and wagons	13	49,755	9,000	2,850	9,240	28,665	16			82	36,204
17	Cars and general shop construction and repairs by steam railroad companies.	3	349,111	56,500	106,700	106,576	79,335		21	27,330	537	391,759
18	Cheese, butter, and condensed milk, factory product.	3	37,150	1,200	4,750	22,200	9,000	3	8	6,300	24	13,020
19	China decorating	5	4,586			181	4,405	6				
20	Clothing, men's, custom work and repairing.	98	194,257	1,000	450	8,430	184,377	115	16	14,485	405	219,446
21	Clothing, men's, factory product	9	20,261			8,630	11,631	17	6	4,440	155	39,500
22	Clothing, women's, dressmaking	64	37,682	215	600	7,232	29,635	66	4	2,655	244	84,672
23	Coffee and spice, roasting and grinding	8	112,092	1,000	2,700	9,250	99,142	9	8	5,880	21	9,348
24	Confectionery	23	294,277			77,184	217,093	31	45	42,961	223	74,281
25	Cooperage	3	48,375			3,375	45,000	4	1	600	31	19,344
26	Dyeing and cleaning	15	20,759	600	3,000	10,895	6,264	16	15	7,630	59	22,849
27	Electrical apparatus and supplies	3	55,774		965	23,582	31,227	1	11	13,370	35	29,106
28	Electrical construction and repairs	10	31,420			8,496	22,924	10	5	3,960	58	30,943
29	Flouring and grist mill products	10	607,049	102,400	105,000	75,992	323,657	5	31	41,234	79	40,793
30	Food preparations	7	30,640	2,600	4,900	5,675	17,465	10	3	175	14	3,674
31	Foundry and machine shop products	34	1,021,034	76,891	51,992	285,143	607,008	35	77	69,820	552	359,920
32	Fruits and vegetables, canning and preserving.	3	148,000	43,000	28,000	12,000	65,000	3	5	6,600	322	76,500
33	Furniture, cabinetmaking, repairing, and upholstering.	36	23,200			8,935	14,265	40			72	46,692
34	Furniture, factory product	8	106,081	5,700	6,000	19,000	75,381	9	19	7,429	105	47,381
35	Gas and lamp fixtures	5	66,096	3,600	8,400	12,112	41,984	3	8	10,120	52	33,957
36	Hairwork	5	9,000			1,200	7,800	6	1	312	29	8,295

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
31	$18,451			1	$300	$3,574	$1,751	$132	$1,691		$41,637	$40,119	$1,518	$88,820	157
6	4,540					672	600	14	58		3,684	3,684		17,000	158
31	25,644	14	$9,208	1	208	7,281	3,140	194	3,947		13,878	11,263	2,615	92,937	159
903	477,306	3	1,565	3	1,201	159,482		48,153	111,329		2,243,580	1,990,395	253,185	3,499,996	160
899	506,885	9	1,910	11	2,740	404,682	55,785	22,778	326,119		14,888,126	14,608,098	280,028	15,909,998	161
12	9,277	4	1,260	1	125	8,702	2,736	77	5,889		14,330	14,098	232	52,414	162
1	250					1,022	914	32	76		1,000	999	1	5,246	163
1,644	971,329	365	78,336	140	37,068	237,768	81,669	10,813	141,086	$4,700	3,994,673	3,938,331	56,342	6,279,513	164
1,067	448,400	142	40,018	26	4,896	302,783	49,331	4,683	247,569	1,200	741,019	739,689	1,330	1,887,561	165
37	19,742					5,648	4,546	161	641	300	22,104	15,693	6,411	103,720	166
114	55,533	18	6,907	28	7,780	22,565	8,800	572	13,193		114,561	113,661	900	274,633	167
20	13,001	13	4,112			5,889	3,000	241	2,648		21,473	20,221	1,252	65,095	168
15	8,940					2,504	1,416	18	370	700	5,532	5,532		22,520	169
7	4,734	2	874			3,755	3,180	58	517		15,174	15,172	2	40,390	170
25	9,477	10	2,796	7	1,366	4,780	2,995	210	1,075	500	25,586	24,116	1,470	73,910	171
14	7,316					4,850	120	380	4,350		88,900	88,185	715	130,805	172
28	14,914	14	6,199			3,685	625	646	2,414		54,216	52,061	2,155	95,912	173
272	170,167	8	2,020	8	2,036	98,719	74,959	3,279	17,104	3,377	185,898	182,744	3,154	787,609	174
23	11,590					1,451	624	102	725		31,800	31,300	500	55,850	175
25	15,267	5	1,739	1	200	3,992	3,189	237	566		98,141	97,581	560	146,806	176
212	123,425	1	150	5	1,260	24,001	11,246	749	11,006	1,000	513,407	508,075	5,332	882,564	177
50	27,712	6	1,600	3	768	6,879	4,631	168	1,218	862	20,784	18,940	1,844	90,482	178
264	113,826	147	43,012	19	2,987	78,261		4,417	73,844		409,445	390,512	18,933	687,354	179
189	93,375	41	13,792			45,276	9,920	14,862	20,494		53,354	42,974	10,380	293,200	180
3,913	2,493,964	864	110,233	219	39,156	657,886	42,806	30,041	330,910	254,129	35,077,550	34,615,400	462,150	39,257,929	181

Instrument cases, 1; jute and jute goods, 1; labels and tags, 1; lapidary work, 2; lasts, 2; lead, smelting and refining, 1; oakum, 1; oil, essential, 2; oil, linseed, 1; paper and wood pulp, 2; pens, gold, 1; photographic apparatus, 1; photographic materials, 2; printing materials, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; rice, cleaning and polishing, 1; scales and balances, 2; shipbuilding, iron and steel, 2; smelting and refining, not from the ore, 2; sporting goods, 2; springs, steel, car and carriage, 1; stamped ware, 1; starch, 2; stationery goods, not elsewhere specified, 2; tobacco, chewing, smoking, and snuff, 1; toys and games, 1; vault lights and ventilators, 1; washing machines and clothes wringers, 2; whips, 1; wood, preserving, 2; woodenware, not elsewhere specified, 1; wool pulling, 2.

BY SPECIFIED INDUSTRIES: 1900.

LOS ANGELES.

6,389	$3,576,618	1,465	$381,042	190	$35,078	$1,513,393	$346,853	$63,197	$792,341	$311,002	$10,572,660	$10,290,368	$282,292	$21,297,537	1
16	11,339	17	4,752	2	442	5,831	3,060	207	2,564		73,559	73,329	230	124,316	2
2	750	2	500			212	172	10	30		1,183	1,033	150	4,515	3
51	21,895	1	320	4	308	10,399	6,949	229	3,221		32,588	31,688	900	110,497	4
63	35,601			1	300	14,247	10,890	364	2,811	182	55,663	49,467	6,196	191,726	5
11	6,244	12	3,000	1	72	3,103	1,029	64	2,010		9,898	9,657	241	36,712	6
16	8,386					9,233	8,284	66	521	362	22,427	22,309	118	79,578	7
16	7,496					5,466	3,340	106	2,020		29,690	29,130	560	54,004	8
14	7,354	42	8,829	2	270	2,608	1,944	88	576		18,800	18,544	256	52,855	9
39	17,601	5	1,560	2	232	3,134	990	103	2,041		44,039	43,379	660	88,468	10
180	101,803	27	8,287	1	464	39,790	22,478	965	16,272	75	330,819	315,892	14,927	660,212	11
102	41,159			8	1,894	4,918	468	890	3,560		21,148	2,283	18,860	111,177	12
30	12,211			2	624	2,014	982	195	837		33,772	33,488	284	56,979	13
		2	336	2	314	963	481	50	432		1,499	1,485	14	5,870	14
385	222,908			4	930	185,739	3,323	1,716	10,198	170,502	749,585	749,126	459	1,458,212	15
78	35,556			4	648	7,343	4,748	302	2,293		57,651	55,802	1,849	183,772	16
530	389,181	7	2,578			15,739		5,814	9,925		280,029	277,114	2,915	715,357	17
24	13,020					2,855	1,030	165	1,660		205,841	203,401	2,440	249,833	18
						371	330	4	37		603	557	46	9,081	19
334	197,159	67	21,505	4	782	67,623	39,960	1,286	11,955	14,422	247,485	243,038	4,397	740,011	20
11	3,900	142	35,400	2	200	6,147	1,476	782	3,089	800	215,480	214,737	743	322,121	21
32	16,414	212	68,258			17,979	15,581	270	2,128		91,860	90,223	1,637	277,839	22
16	8,038	4	1,110	1	200	10,079	3,505	755	5,819		181,396	179,060	2,336	245,380	23
92	58,690	127	19,951	4	640	85,404	21,830	1,130	12,444		372,470	361,744	10,726	696,272	24
31	19,344					5,456	1,088	82	1,286	3,000	71,345	71,225	120	133,280	25
30	14,216	27	8,167	2	466	13,844	5,116	118	8,094	516	14,363	13,161	1,202	85,059	26
35	29,106					2,915	1,142	46	1,727		16,417	14,802	1,615	66,982	27
50	29,715	1	316	2	912	3,860	1,924	166	1,770		120,155	119,545	610	266,074	28
73	39,693	1	200	5	900	27,137	1,575	4,932	20,630		1,022,483	1,006,257	16,226	1,223,391	29
8	2,484	4	1,040	2	150	2,280	782	351	1,147		35,887	34,671	1,216	55,981	30
549	358,887	1	624	2	409	106,259	9,300	2,929	43,130	50,900	770,371	746,123	24,248	1,545,406	31
45	19,600	262	54,600	15	2,300	14,706		390	14,316		297,623	294,532	3,091	423,000	32
64	43,089	8	3,603			9,675	6,658	300	2,397	320	41,486	41,210	276	132,158	33
93	43,261	9	3,120	3	1,000	12,534	4,230	802	7,002	500	125,555	124,109	1,446	230,472	34
52	33,957					13,257	1,630	495	11,132		37,841	36,562	1,279	123,214	35
1	780	28	7,515			3,367	2,352	73	942		6,362	6,202	160	26,515	36

TABLE 8.—MANUFACTURES IN CITIES

LOS ANGELES—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.
37	Jewelry	6	$55,950		$25	$10,375	$45,550	8	3	$2,660	25	$14,828
38	Leather goods	8	47,975		125	5,435	42,415	10	9	9,610	83	24,183
39	Lime and cement	3	137,892	$35,000	40,000	10,720	52,172	4	3	5,100	56	45,[illegible]
40	Liquors, vinous	16	196,512	20,650	23,500	27,650	124,712	17	4	1,700	46	17,[illegible]
41	Lock and gun smithing	11	17,655	900	400	4,375	12,580	10	4	1,610	7	4,[illegible]
42	Looking-glass and picture frames	11	33,710	10,000	3,000	1,960	18,750	12			16	9,134
43	Lumber, planing mill products, including sash, doors, and blinds.	20	787,081	48,000	36,422	119,772	582,887	19	42	41,258	303	153,[illegible]
44	Masonry, brick and stone	15	27,350		600	10,800	15,950	17	4	2,150	155	70,258
45	Millinery, custom work	19	86,153			503	85,650	24	64	24,057	113	37,[illegible]
46	Mineral and soda waters	5	51,950	8,350	4,600	20,500	18,500	6	7	5,620	28	18,[illegible]
47	Monuments and tombstones	6	26,657	5,000	1,100	2,260	18,297	7	3	3,770	26	15,440
48	Optical goods	4	12,155			3,530	8,625	6			10	6,[illegible]
49	Painting, house, sign, etc	45	23,347	4,275	2,225	6,470	10,377	48			91	58,450
50	Paper hanging	10	32,230			2,005	30,225	13			44	29,172
51	Paving and paving materials	15	322,175	3,000	28,750	67,250	218,175	12	49	64,214	645	235,[illegible]
52	Patent medicines and compounds	16	42,810	950	850	3,835	37,175	17	13	8,318	28	11,644
53	Perfumery and cosmetics	5	36,623		5,000	5,600	26,023	10	4	3,750	25	11,[illegible]
54	Photography	31	112,570	1,600	3,775	37,560	69,635	37	20	11,071	93	35,[illegible]
55	Photolithographing and photoengraving.	5	20,199			9,749	10,450	7	2	1,196	10	4,706
56	Pickles, preserves, and sauces	5	84,182	4,800	7,400	19,900	52,082	5	14	11,900	48	11,640
57	Plastering and stuccowork	13	38,405	7,300	8,000	10,080	13,025	14			44	37,[illegible]
58	Plumbing, and gas and steam fitting	48	160,901	31,600	15,150	15,559	98,592	63	7	4,880	139	91,[illegible]
59	Pottery, terra cotta, and fire-clay products.	7	295,039	33,779	30,090	66,902	114,268	6	9	10,560	57	31,[illegible]
60	Printing and publishing, book and job.	47	182,626	250	250	118,324	63,802	61	18	18,158	230	114,143
61	Printing and publishing, newspapers and periodicals.	40	709,255	68,700	84,680	285,804	270,071	40	84	81,362	191	135,[illegible]
62	Saddlery and harness	24	89,612	14,150	3,350	7,862	14,250	24	3	1,400	52	20,[illegible]
63	Shirts	5	8,875			1,175	7,700	6	5	4,380	30	5,044
64	Soap and candles	5	250,345	25,500	61,000	37,170	126,675	7	11	14,340	30	16,[illegible]
65	Tinsmithing, coppersmithing, and sheet-iron working.	26	419,595	44,900	25,225	132,850	216,560	30	12	15,021	299	117,[illegible]
66	Tobacco, cigars and cigarettes	13	24,402	3,000	2,100	1,005	18,297	13	1	1,100	35	22,317
67	Tools, not elsewhere specified	4	9,550		150	6,200	3,200	4			9	4,[illegible]
68	Trunks and valises	3	17,674			447	17,227	3	1	800	19	8,[illegible]
69	Watch, clock, and jewelry repairing	56	58,854			16,430	42,424	60	2	2,400	51	27,[illegible]
70	Wirework, including wire rope and cable.	3	3,925			1,075	2,850	4			6	3,[illegible]
71	Wood, turned and carved	8	5,040			1,935	3,105	8	2	676	11	5,[illegible]
72	All other industries [1]	106	3,239,094	226,377	332,202	1,525,518	1,154,997	111	176	166,417	833	414,[illegible]

[1] Embraces agricultural implements, 1; artificial limbs, 1; axle grease, 1; baking and yeast powders, 2; bicycles and tricycles, 2; boots and shoes, factory product, 2; boxes, cigar, 2; brass castings and brass finishing, 2; carpets, rag, 2; carpets, wood, 2; carriage and wagon materials, 1; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cordials and sirups, 1; dentists' materials, 1; electroplating, 2; enameling and enameled goods, 1; engraving and diesinking, 2; engraving, steel, including plate printing, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; fish, canning and preserving, 1; flavoring extracts, 1; fur goods, 2; furnishing goods, men's, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 2; hand knit goods, 1; hand stamps, 2; hats and caps, not including fur hats and wool hats, 1; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 2; ink, printing, 1; instruments, professional and scientific, 1; ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; lamps and reflectors, 1;

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1	All industries	752	$6,364,651	$665,260	$593,405	$2,617,068	$2,488,923	830	347	$319,263	4,012	$2,129,[illegible]
2	Awnings, tents, and sails	3	5,500	100	100	1,100	4,200	4			3	1,712
3	Bicycle and tricycle repairing	17	26,312	750	250	8,850	16,462	19	1	800	26	13,[illegible]
4	Blacksmithing and wheelwrighting	42	52,630	20,100	9,150	10,335	13,045	49			34	19,[illegible]
5	Boots and shoes, custom work and repairing.	90	29,492	4,710	4,050	9,650	11,082	89			29	12,[illegible]
6	Bottling	5	14,100		1,500	6,200	6,400	6	10	8,716	15	9,454
7	Bread and other bakery products	32	111,114	28,200	30,700	25,005	27,209	39	16	7,516	136	77,518
8	Carpentering	49	194,925	23,950	18,940	21,240	130,795	55	6	5,284	229	180,[illegible]
9	Carriages and wagons	16	75,915	21,200	15,050	8,325	31,340	18			59	32,[illegible]
10	Cheese, butter, and condensed milk, factory product.	4	5,475		500	4,150	825	4			4	2,[illegible]
11	Clothing, men's, custom work and repairing.	40	69,157	450	2,275	5,265	61,167	43	8	9,600	165	92,176
12	Clothing, men's, factory product	3	100,170	7,500		11,570	81,100	2	19	15,495	133	43,750
13	Clothing, women's, dressmaking	37	18,780	850	2,830	5,660	9,440	41			82	24,[illegible]
14	Clothing, women's, factory product	5	7,260			1,710	5,550	9	3	800	20	7,[illegible]
15	Confectionery	17	26,514	2,500	5,000	8,083	10,931	19	10	2,428	50	22,[illegible]
16	Dyeing and cleaning	5	6,020			5,020	1,000	5			8	3,[illegible]
17	Electrical construction and repairs	3	2,640	1,000	250	775	615	3			4	2,[illegible]
18	Flouring and grist mill products	3	75,898	21,000	16,000	15,000	23,898	1	4	2,500	31	23,[illegible]
19	Foundry and machine shop products	12	326,276	32,500	32,585	100,048	161,143	11	20	21,809	230	120,[illegible]
20	Furniture, cabinetmaking, repairing, and upholstering.	23	12,690	2,125	700	4,345	5,520	27			10	6,[illegible]
21	Liquors, malt	3	132,695	18,500	46,900	33,600	33,695	3	6	7,920	17	16,556

BY SPECIFIED INDUSTRIES: 1900—Continued.

LOS ANGELES—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
23	$14,618			2	$210	$4,435	$2,146	$194	$2,095		$49,235	$48,722	$513	$101,050	37
44	16,951	39	$7,212			4,366	2,012	212	2,142		20,525	20,358	167	89,170	38
56	45,300					4,368	100	435	1,333	$2,500	36,694	15,481	21,213	107,298	39
46	17,798					13,815	2,428	1,196	10,191		89,116	87,166	1,950	136,016	40
7	4,620					2,502	1,936	102	464		7,575	6,961	614	31,240	41
16	9,134					3,891	3,063	154	674		20,005	19,841	164	49,200	42
303	158,552					21,384	7,630	2,638	9,856	1,260	446,177	442,606	3,571	823,441	43
155	79,258					7,969	940	104	3,925	3,000	107,315	106,415	900	267,549	44
3	2,604	100	32,462	10	2,620	35,590	28,625	836	6,129		115,146	114,099	1,047	265,697	45
26	17,868			2	480	4,400	720	210	3,470		45,469	44,329	1,140	94,598	46
26	15,440					2,250	1,520	124	431	175	27,034	26,758	276	61,508	47
8	5,780	1	480	1	140	3,959	1,850	94	1,415	600	10,029	9,857	172	31,597	48
90	58,320			1	130	4,409	2,907	90	1,412		72,485	72,470	15	185,130	49
44	20,170					19,711	3,344	267	2,100	14,000	38,492	38,480	12	107,900	50
645	235,965					9,332	567	214	8,551		246,823	243,703	3,120	705,195	51
20	10,004	6	1,132	2	508	16,260	3,993	244	12,023		31,014	30,762	252	91,657	52
13	6,600	12	4,725			11,240	550	43	10,647		23,196	22,941	255	62,652	53
61	27,038	30	8,347	2	338	28,542	12,251	432	8,110	2,749	62,343	61,402	941	205,883	54
8	4,214	1	270	1	222	1,257	861	57	339		5,792	5,518	274	22,000	55
19	7,430	28	4,090	1	120	4,125	1,134	181	2,810		85,117	83,890	1,227	134,143	56
44	37,088					3,552	450	196	576	2,330	50,501	50,378	123	114,850	57
138	94,162			1	192	14,344	6,407	937	4,700	2,300	239,656	237,238	2,418	461,900	58
55	31,220			2	789	7,952	185	1,124	6,643		48,093	25,828	22,265	104,706	59
188	102,262	26	9,072	16	2,809	30,807	12,661	895	13,789	3,462	106,470	102,741	3,729	391,370	60
164	128,631	18	6,520	9	1,652	88,214	9,993	2,926	41,279	34,016	163,529	156,875	6,654	813,404	61
46	19,402	5	1,225	1	180	5,248	3,324	406	1,194	324	42,900	42,514	386	89,168	62
		30	5,044			2,143	871	5	967	300	11,907	11,842	65	35,451	63
24	14,300	6	2,320			14,027	252	1,133	12,642		141,279	138,788	2,491	192,657	64
244	105,684	40	8,626	15	3,276	20,125	3,076	1,599	15,450		440,685	436,578	4,107	725,198	65
30	20,768	4	1,500	1	54	7,519	1,735	136	5,648		18,216	18,216		59,005	66
9	4,022					654	460	30	164		5,899	4,725	1,174	18,100	67
19	8,339					6,630	3,600	246	2,784		11,480	11,480		36,683	68
50	27,718			1	120	12,816	8,670	286	3,755	105	26,889	26,329	560	125,215	69
6	3,886					627	334	36	257		4,499	4,494	5	12,420	70
10	5,456			1	208	2,201	1,424	36	579	162	2,256	2,064	192	15,460	71
676	375,284	111	32,446	46	6,618	431,242	26,187	19,134	383,781	2,140	2,081,501	2,003,634	77,867	3,792,812	72

lapidary work, 1; liquors, malt, 2; lithographing and engraving, 2; marble and stone work, 1; mattresses and spring beds, 2; millinery and lace goods, 1; models and patterns, 2; mucilage and paste, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; oil, not elsewhere specified, 1; paints, 1; paper goods, not elsewhere specified, 2; petroleum, refining, 1; photographic materials, 1; pipes, tobacco, 1; plumbers' supplies, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; salt, 1; sewing machine repairing, 2; shoddy, 1; show cases, 2; slaughtering and meat packing, wholesale, 1; stamped ware, 1; steam fittings and heating apparatus, 1; steam packing, 1; sugar and molasses, refining, 1; surgical appliances, 2; taxidermy, 2; typewriter repairing, 2; umbrellas and canes, 2; upholstering materials, 1; vinegar and cider, 1; whips, 1; window shades, 2; wool pulling, 1.

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2,928	$1,818,018	919	$280,722	165	$30,858	$620,459	$144,220	$34,555	$290,928	$150,756	$4,277,647	$4,129,441	$148,206	$9,174,257	1
2	1,460	1	252			442	240	13	189		4,933	4,933		16,535	2
25	13,812			1	150	4,880	3,451	137	1,267	25	15,487	14,806	681	60,687	3
33	18,909			1	312	6,310	5,233	297	720	60	27,125	24,847	2,278	105,123	4
28	12,212			1	110	8,403	7,890	99	414		28,576	28,405	171	98,328	5
15	9,454					4,960	2,300	100	2,560		101,719	101,264	455	149,056	6
109	68,515	27	9,003			17,630	10,626	694	6,310		197,263	182,873	14,390	362,192	7
229	180,968					144,210	5,591	588	10,956	127,075	312,303	311,529	774	776,042	8
58	32,395			1	160	3,600	2,197	405	698	300	38,638	37,428	1,210	111,560	9
4	2,620					1,830	1,105	55	670		42,497	41,707	790	51,965	10
100	68,003	65	24,173			14,848	10,647	340	3,861		118,277	116,755	1,522	320,569	11
63	27,150	66	15,600	4	1,000	29,173	4,158		25,015		101,045	98,045	3,000	204,525	12
4	3,160	75	20,835	3	425	5,996	5,430	67	499		27,705	27,295	410	89,766	13
6	1,800	14	6,100			1,656	1,269	67	320		9,445	9,370	75	30,500	14
30	17,254	19	5,302	1	222	6,142	5,202	129	811		29,254	27,750	1,504	99,210	15
5	2,270	3	1,380			1,061	880	26	155		2,460	1,810	650	11,100	16
3	2,000			1	250	385	264	10	111		2,400	2,400		6,850	17
31	23,360					2,569	36	894	1,639		143,828	140,303	3,525	207,915	18
229	120,351			1	150	11,190	2,675	1,248	6,917	350	186,835	157,737	29,098	399,416	19
9	6,235			1	156	3,492	3,034	79	329	50	10,695	10,590	105	33,630	20
17	16,556					55,519		705	54,814		36,258	32,758	3,500	133,371	21

TABLE 8.—MANUFACTURES IN CITIES

OAKLAND—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	Lock and gun smithing	9	$4,325	$150	$150	$2,400	$1,625	12			4	$2,100
23	Looking-glass and picture frames	5	7,495			1,045	6,450	5			7	3,590
24	Lumber, planing mill products, including sash, doors, and blinds.	13	560,768	52,407	58,801	167,208	282,352	19	20	$24,980	342	194,735
25	Masonry, brick and stone	4	5,090	100	100	285	4,605	5			4	2,250
26	Mattresses and spring beds	3	15,350	3,000	6,000	2,050	4,300	7			17	8,504
27	Millinery, custom work	17	36,534	50	50	2,520	33,914	20	6	4,260	74	19,587
28	Monuments and tombstones	4	43,250	7,100	2,000	1,900	32,250	3	3	3,000	16	14,500
29	Painting, house, sign, etc	46	88,920	22,300	12,600	10,790	43,230	56	4	2,430	152	106,554
30	Paper hanging	6	19,400			1,708	17,692	6	1	360	43	27,621
31	Paving and paving materials	8	166,700	25,500	12,000	18,850	110,350	9	18	16,285	201	97,443
32	Photography	15	28,475		100	7,500	20,875	18	2	1,300	34	13,326
33	Pickles, preserves, and sauces	3	7,670	4,200	1,200	1,000	1,270	6	1	420	7	1,876
34	Plastering and stuccowork	4	2,450			1,350	1,100	4			6	3,280
35	Plumbing, and gas and steam fitting	39	133,885	27,000	16,350	15,295	75,240	46	4	3,370	119	80,713
36	Printing and publishing, book and job	16	47,295		300	39,050	7,945	19	5	3,800	43	17,839
37	Printing and publishing, newspapers and periodicals.	10	545,804	33,800	54,500	192,958	264,546	7	62	46,998	231	109,788
38	Saddlery and harness	11	26,175		700	4,525	20,950	13			13	8,201
39	Tinsmithing, coppersmithing, and sheet-iron working.	13	35,740	1,300	2,525	10,815	21,100	13			32	22,214
40	Tobacco, cigars and cigarettes	12	19,237			880	18,357	13			16	8,516
41	Watch, clock, and jewelry repairing	31	18,030			10,325	7,705	29			25	16,740
42	All other industries[1]	74	3,258,495	302,918	239,249	1,838,678	877,650	78	118	129,192	1,341	656,157

[1] Embraces ammunition, 1; artificial limbs, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 2; boot and shoe uppers, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; bridges, 2; carpets, rag, 2; cars and general shop construction and repairs by street railroad companies, 1; china decorating, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; corsets, 2; cotton goods, 1; electrical apparatus and supplies, 1; fertilizers, 1; flavoring extracts, 1; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; gloves and mittens, 1; grease and tallow, 1; hairwork, 2; instruments, professional and

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1	All industries	275	$7,369,013	$650,111	$1,399,247	$2,615,876	$2,703,779	316	188	$216,504	4,365	$2,977,764
2	Bicycle and tricycle repairing	5	17,240	1,000	1,500	2,550	12,190	7			8	3,670
3	Blacksmithing and wheelwrighting	20	41,215	14,300	5,850	6,335	14,730	24			37	20,067
4	Boots and shoes, custom work and repairing.	8	3,440			1,650	1,790	8			10	6,402
5	Bread and other bakery products	12	72,455	9,900	14,000	18,455	30,100	19	7	3,266	88	59,399
6	Carpentering	15	130,825	18,900	46,725	19,550	45,650	19	1	1,200	165	142,610
7	Carriages and wagons	5	102,857	25,500	12,300	12,775	51,782	4	3	3,912	58	35,280
8	Clothing, men's, custom work and repairing.	12	39,625	7,000	10,000	1,175	21,450	15			64	46,768
9	Clothing, women's, dressmaking	12	1,705			675	1,030	13	1	1,044	49	14,549
10	Coffee and spice, roasting and grinding	3	21,250	6,000	2,000	3,150	10,100	4	1	1,200	3	1,236
11	Confectionery	7	82,000	6,750	4,000	17,450	53,800	6	4	3,995	74	30,268
12	Dyeing and cleaning	4	2,750	1,000	1,000	250	500	5			4	2,430
13	Flouring and grist mill products	3	515,250	78,000	78,000	113,000	246,250	1	20	26,650	62	55,862
14	Foundry and machine shop products	6	88,100	7,500	7,500	41,600	31,500	9	2	2,400	96	65,945
15	Furniture, factory product	3	42,200	2,300	1,100	13,800	25,000	4	3	1,980	48	28,685
16	Lock and gun smithing	6	11,400	1,000	2,500	2,800	5,100	9			3	2,100
17	Lumber, planing mill products, including sash, doors, and blinds.	3	25,800		1,800	15,000	9,000	6			26	18,640
18	Masonry, brick and stone	3	11,000			1,400	9,600	4			38	23,350
19	Millinery, custom work	5	42,080			1,880	40,200	3	9	5,014	40	16,081
20	Mineral and soda waters	5	58,950	12,500	12,500	12,400	21,550	9			32	15,100
21	Painting, house, sign, etc	17	32,445	3,100	6,000	4,545	18,800	20	2	2,400	79	60,755
22	Patent medicines and compounds	3	5,600			2,000	3,600	3			4	2,640
23	Paving and paving materials	4	11,250	1,650	800	2,450	6,850	4			22	10,430
24	Photography	5	11,150			5,500	5,650	5			12	6,914
25	Plastering and stuccowork	3	4,800	1,200	500	850	2,250	3			23	17,648
26	Plumbing, and gas and steam fitting	12	42,400	2,000	8,500	5,850	31,050	18			49	29,884
27	Printing and publishing, book and job	5	52,062			32,662	19,400	5	3	3,000	27	22,247
28	Printing and publishing, newspapers and periodicals.	7	113,500	8,000	10,000	72,500	23,000	10	30	43,348	80	59,544
29	Saddlery and harness	8	156,900	32,500	74,000	12,200	38,200	8	8	3,984	69	38,682
30	Slaughtering and meat packing, wholesale.	3	245,500	48,500	80,000	49,000	68,000	2	9	9,430	43	34,260
31	Tinsmithing, coppersmithing, and sheet-iron working.	6	29,700	4,000	6,000	7,700	12,000	7			23	18,507
32	Tobacco, cigars and cigarettes	8	18,218			430	17,788	13	2	1,200	21	11,830
33	Watch, clock, and jewelry repairing	8	10,975	500	1,200	3,375	5,900	9			9	8,275
34	All other industries[1]	49	5,324,926	857,011	1,016,972	2,130,969	1,319,974	45	88	102,481	2,999	2,061,676

[1] Embraces awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; bottling, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; cooperage, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; engraving, wood, 1; fancy articles, not elsewhere specified, 1; food preparations, 2; fruits and vegetables, canning and preserving, 1; furniture, cabinetmaking, repairing, and

BY SPECIFIED INDUSTRIES: 1900—Continued.

OAKLAND—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
3	$1,860			1	$240	$1,588	$1,382	$91	$115		$2,116	$1,968	$148	$11,920	22
7	3,590					1,097	810	22	285		9,812	9,770	42	21,650	23
316	188,629			26	6,106	17,981	3,574	1,552	11,355	$1,500	423,632	420,682	2,950	782,685	24
4	2,250					639	252	30	357		7,365	7,365		13,120	25
14	7,620	2	$676	1	208	1,032	492	220	320		21,810	21,730	80	42,252	26
		72	19,469	2	118	10,769	9,570	232	967		56,790	56,650	140	148,412	27
16	14,500					1,215	180	175	860		18,647	18,597	50	46,980	28
148	105,912			4	642	9,457	5,715	446	2,796	500	90,865	90,626	239	277,700	29
43	27,621					2,130	1,680	151	299		22,067	22,055	12	63,325	30
201	97,443					12,902	3,204	898	6,400	2,400	77,671	73,638	4,033	257,648	31
16	7,770	17	5,338	1	218	14,030	5,892	57	7,931	150	28,382	28,190	192	126,345	32
3	1,200	2	420	2	256	621	120	41	460		10,115	10,020	95	18,170	33
6	3,280					535	504	21	10		3,165	3,048	117	9,050	34
115	80,109			4	604	9,796	5,410	737	2,649	1,000	248,606	247,194	1,412	420,744	35
30	14,711	10	2,641	3	487	5,200	3,142	193	1,665	200	19,454	18,428	1,026	69,009	36
163	90,534	60	17,944	8	1,310	38,688	4,300	2,409	31,612	367	97,903	92,365	5,538	480,836	37
13	8,201					3,125	2,596	150	379		22,847	22,819	28	48,353	38
31	22,098			1	116	3,283	2,244	170	869		30,801	30,459	342	73,477	39
16	8,516					5,906	2,252	74	3,580		13,332	13,322	10	40,471	40
24	16,620			1	120	7,072	5,496	53	823	700	11,762	11,327	435	61,165	41
759	487,070	486	151,589	96	17,498	149,097	13,147	20,880	98,991	16,079	1,623,762	1,556,583	67,179	2,943,605	42

scientific, 1; ironwork, architectural and ornamental, 2; jewelry, 1; jute and jute goods, 1; marble and stone work, 2; matches, 1; millinery and lace goods, 1; mineral and soda waters, 2; musical instruments, organs and materials, 1; paints, 1; paper goods, not elsewhere specified, 1; photographic materials, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; roofing and roofing materials, 2; sewing machine repairing, 2; ship and boat building, wooden, 2; shirts, 1; shoddy, 1; soap and candles, 1; steam packing, 1; trunks and valises, 1; umbrellas and canes, 1; upholstering materials, 2; washing machines and clothes wringers, 1; windmills, 2; window shades, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 2.

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3,954	$2,855,413	380	$116,174	31	$6,177	$703,922	$66,328	$65,815	$456,713	$115,066	$6,057,837	$5,767,106	$290,731	$11,141,896	1
8	3,670					1,412	1,192	145	75		3,570	3,315	255	12,350	2
37	26,067					5,547	4,127	596	824		21,985	20,015	1,970	81,973	3
10	6,402					1,889	1,583	31	275		5,645	5,635	10	20,288	4
81	56,751	2	980	5	1,668	12,986	5,706	818	6,462		117,368	111,634	5,734	271,990	5
165	142,640					123,442	1,524	2,393	7,525	112,000	313,768	312,908	860	667,300	6
53	34,500			5	780	4,553	600	1,848	2,105		54,310	52,483	1,827	113,745	7
54	41,980	10	4,788			7,679	5,340	591	1,748		38,930	38,790	140	120,990	8
1	600	48	13,949			2,760	1,950	15	795		2,710	2,630	80	28,350	9
2	1,080			1	156	1,667	900	372	395		22,795	21,970	825	35,650	10
42	20,444	32	9,824			7,544	2,320	479	4,745		70,350	68,895	1,455	98,810	11
4	2,430					345	315	30			640	450	190	6,450	12
62	55,862					17,583	660	3,868	13,055		946,571	928,937	17,634	1,128,536	13
96	65,945					22,253	1,900	685	19,668		206,410	199,596	6,814	342,843	14
46	28,040	1	420	1	225	5,662	2,720	702	2,240		45,010	43,820	1,190	101,044	15
3	2,100					1,277	825	107	345		5,430	5,282	148	20,580	16
26	18,640					1,655	532	141	982		20,718	19,790	928	52,500	17
38	23,350					1,024	190	64	770		29,900	29,900		73,450	18
1	480	39	15,601			4,264	2,502	147	1,615		36,116	35,966	150	72,400	19
28	13,900	4	1,200			3,750	1,200	2,200	350		74,910	74,045	865	132,200	20
78	60,605			1	150	6,691	2,461	234	3,996		33,541	33,541		141,050	21
4	2,640					2,062	960	82	1,020		5,004	4,759	245	12,300	22
22	10,430					2,068		88	1,480	500	15,580	15,580		43,900	23
6	4,110	6	2,804			3,799	2,820	99	880		11,750	11,700	50	33,500	24
23	17,648					1,087	100	67	920		25,185	25,185		50,650	25
46	29,258			3	626	4,094	2,579	223	1,292		67,315	66,430	885	121,420	26
26	22,047			1	200	5,083	2,672	299	1,362	750	12,721	12,026	695	54,391	27
69	56,590	3	1,500	8	1,454	15,935	2,880	811	12,028	216	36,410	34,333	2,077	221,916	28
69	38,682					8,618	1,590	3,622	3,406		239,870	239,270	600	313,370	29
43	34,260					23,253	600	1,993	19,660	1,600	204,440	197,125	7,315	293,130	30
23	18,507					2,517	1,176	509	832		22,709	22,296	413	58,439	31
17	11,104	1	208	3	518	8,072	2,268	341	5,463		22,563	22,563		55,858	32
9	8,275					2,171	1,104	143	924		6,141	5,980	161	25,700	33
2,762	1,996,376	234	64,900	3	400	391,180	9,032	42,072	340,076		3,337,472	3,100,257	237,215	6,334,823	34

upholstering, 2; gas, illuminating and heating, 1; gas machines and meters, 1; glue, 1; hand stamps, 2; iron and steel, 1; ironwork, architectural and ornamental, 1; jewelry, 1; lime and cement, 1; liquors, malt, 2; looking-glass and picture frames, 1; malt, 1; marble and stone work, 1; monuments and tombstones, 2; musical instruments and materials, not specified, 1; optical goods, 2; pickles, preserves, and sauces, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; shirts, 1; soap and candles, 1; trunks and valises, 1.

TABLE 8.—MANUFACTURES IN CITIES

SAN FRANCISCO.

	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	4,002	$80,103,367	$8,468,392	$5,820,445	$24,824,345	$40,990,185	4,924	4,041	$4,619,033	41,978	$22,037,527
2	Awnings, tents, and sails	14	171,207			22,330	148,877	19	10	14,000	159	109,094
3	Babbitt metal and solder	4	175,675			24,575	151,100	4	8	11,250	34	22,774
4	Bags, other than paper	8	794,080			63,780	730,300	7	25	17,806	223	87,651
5	Baking and yeast powders	4	719,593	10,000	13,500	48,500	647,593	7	80	80,032	96	42,888
6	Baskets, and rattan and willow ware	8	80,540	14,000	8,000	15,715	44,825	7	2	2,725	93	27,470
7	Belting and hose, leather	6	183,106	37,500	16,709	30,307	98,590	7	12	10,816	40	25,856
8	Bicycle and tricycle repairing	19	29,340	4,000	2,000	11,200	12,140	19	3	1,460	39	23,165
9	Billiard tables and materials	3	24,250			3,250	21,000	2	6	5,180	14	11,444
10	Blacksmithing and wheelwrighting	139	261,136	102,060	42,775	42,908	73,393	166	12	8,680	254	169,211
11	Bookbinding and blank book making	12	60,500			35,150	25,350	16	8	8,300	176	83,053
12	Boot and shoe uppers	3	700			400	300	4	2	381	5	1,985
13	Boots and shoes, custom work and repairing.	274	57,565	5,300	3,573	23,421	25,271	283	1	900	121	58,252
14	Boots and shoes, factory product	23	1,180,552	10,000	7,550	325,687	837,315	75	46	46,077	855	400,917
15	Bottling	48	2,589,609	46,400	288,976	36,115	2,218,118	43	81	139,506	350	229,193
16	Boxes, cigar	5	60,150	7,000	3,000	18,100	32,050	28	3	1,800	93	38,748
17	Boxes, fancy and paper	8	131,675			38,775	92,900	13	12	10,300	233	78,837
18	Boxes, wooden packing	6	409,307	1,000	49,350	116,209	242,748	1	35	41,300	330	163,733
19	Brass castings and brass finishing	7	655,910	70,500	33,000	140,930	411,480	9	22	29,035	319	203,870
20	Brassware	4	87,250			31,180	56,070	4	2	3,000	8	6,229
21	Bread and other bakery products	137	975,761	246,825	202,550	255,039	271,347	161	90	60,111	797	417,465
22	Bridges	6	457,600		500	182,500	274,600	9	33	47,400	451	198,048
23	Brooms and brushes	16	113,174			19,230	93,944	19	19	14,626	147	70,857
24	Carpentering	171	354,482	69,600	49,325	42,615	192,942	192	14	14,290	704	464,271
25	Carriage and wagon materials	5	37,950			4,700	33,250	7	2	1,500	7	4,660
26	Carriages and wagons	51	578,179	176,000	84,500	64,575	253,104	63	21	27,938	421	208,965
27	Cheese and butter, urban dairy products.	5	2,098			1,520	578	5			2	800
28	Cheese, butter, and condensed milk, factory product.	5	31,000	12,500	6,000	5,800	6,700	8			10	7,040
29	Chemicals	10	889,527	114,794	109,500	340,884	324,909	7	37	40,640	144	95,977
30	Clothing, men's, custom work and repairing.	321	781,659	20,500	12,413	19,588	729,158	378	115	104,373	1,230	681,084
31	Clothing, men's, factory product	33	936,103	35,000	33,000	81,553	786,550	258	47	46,137	2,109	672,314
32	Clothing, women's, dressmaking	152	269,190	22,900	13,100	20,438	212,692	165	28	25,436	954	405,791
33	Clothing, women's, factory product	49	659,223			48,161	611,062	162	46	47,660	1,256	420,212
34	Coffee and spice, roasting and grinding	22	1,437,610			126,550	1,311,060	23	158	203,518	231	140,422
35	Coffins, burial cases, and undertakers' goods.	4	204,675		700	5,125	198,850	2	9	14,200	55	24,131
36	Confectionery	76	470,887	51,000	16,000	106,252	297,635	88	137	76,066	470	131,461
37	Cooperage	23	385,665	87,000	71,450	54,205	173,010	23	12	14,100	335	216,600
38	Corsets	8	1,962			320	1,642	7			19	7,212
39	Druggists' preparations, not including prescriptions.	6	132,150			23,650	108,500	3	17	21,060	102	49,875
40	Dyeing and cleaning	29	65,130	200	700	37,340	26,890	33	11	6,080	231	85,174
41	Electrical apparatus and supplies	5	58,582			30,982	27,600	2	17	14,760	193	95,851
42	Electrical construction and repairs	20	78,312			29,775	48,537	22	10	11,008	100	66,739
43	Electroplating	7	24,502			16,651	7,851	7	3	2,768	30	15,285
44	Engraving and diesinking	14	7,835			5,885	1,950	15			16	5,923
45	Engraving, steel, including plate printing.	9	12,175			7,775	4,400	8	2	1,004	24	12,840
46	Engraving, wood	3	560			560		3			1	1,000
47	Fish, canning and preserving	12	132,385	3,000	20,200	27,735	81,450	33	13	24,420	123	58,518
48	Flavoring extracts	4	28,100			3,850	24,250	5	7	5,500	17	4,980
49	Flouring and grist mill products	9	1,989,740	172,470	200,000	450,170	1,167,100	5	47	80,890	251	155,576
50	Food preparations	27	267,373	34,500	55,000	55,322	122,551	36	19	14,090	197	95,009
51	Foundry and machine shop products	102	5,225,591	707,681	254,334	1,353,896	2,909,180	105	320	393,958	3,202	2,135,048
52	Fruits and vegetables, canning and preserving.	10	856,900	168,500	79,000	93,750	515,650	20	51	70,656	1,538	433,107
53	Fur goods	24	1,161,690	230,000	75,150	10,515	846,025	27	12	16,967	170	100,051
54	Furnishing goods, men's	15	276,815	5,000	3,000	7,920	260,395	41	53	38,280	582	130,186
55	Furniture, cabinetmaking, repairing, and upholstering.	70	124,483	4,000	10,000	10,530	99,953	78	8	6,660	144	87,163
56	Furniture, factory product	22	348,225		36,600	84,335	227,290	26	33	32,976	496	270,011
57	Gas and lamp fixtures	5	360,750	60,000	50,000	21,500	229,250	3	38	45,460	149	85,500
58	Gas, illuminating and heating	3	14,221,565	1,100,000	569,989	11,821,606	729,970		72	120,986	471	321,138
59	Glass, cutting, staining, and ornamenting.	9	22,075		1,800	5,850	14,425	8	6	9,052	49	26,284
60	Gloves and mittens	15	297,650	1,000	700	20,650	275,300	19	50	40,392	400	158,304
61	Grease and tallow	3	55,590	7,200	7,000	7,100	34,290	6			15	10,124
62	Hairwork	6	12,025		1,500	1,575	8,950	7			19	13,752
63	Hand stamps	8	40,125			17,650	22,475	6	9	8,820	35	19,734
64	Hardware, saddlery	4	710			260	450	4			5	1,944
65	Hats and caps, not including fur hats and wool hats.	11	117,859	8,000	4,000	23,000	82,859	10	8	12,300	88	38,596
66	Hosiery and knit goods	3	89,160		4,000	17,910	67,250		10	12,160	79	27,880

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN FRANCISCO.

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
31,722	$19,106,879	9,321	$2,734,984	935	$195,664	$3,826,167	$2,083,400	$354,450	$5,295,847	$1,092,470	$79,492,952	$77,797,077	$1,695,875	$133,069,416	1
97	87,686	58	20,753	4	705	22,078	11,055	1,117	9,806	100	873,925	873,097	828	1,083,850	2
33	22,196			1	578	6,782	4,260	368	2,154		464,140	446,080	18,060	551,455	3
116	54,447	107	33,204			52,580	12,732	1,541	38,257		1,765,963	1,762,644	3,319	2,007,039	4
54	33,738	42	9,150			125,798	7,741	2,809	111,448	3,800	732,173	726,956	5,217	1,102,533	5
49	17,105	44	10,365			5,618	1,485	373	3,760		70,064	69,344	720	144,955	6
36	25,310			4	546	14,704	5,604	875	8,225		182,153	179,029	3,124	288,693	7
37	22,765			2	400	9,568	8,729	86	718	35	42,405	40,775	1,630	98,895	8
13	11,080			1	364	6,099	5,276	218	605		29,985	29,935	50	70,000	9
246	167,039			8	2,172	36,723	30,856	1,332	2,670	1,865	161,520	143,939	17,581	569,353	10
76	47,111	78	30,628	22	5,314	10,605	8,484	284	1,837		47,490	46,202	1,288	175,658	11
4	1,675	1	310			958	840	10		108	3,400	3,400		8,177	12
120	58,072			1	180	47,970	35,062	338	2,793	9,777	102,043	101,418	625	352,721	13
607	323,191	216	72,116	32	5,610	59,917	21,524	4,646	33,547	200	945,957	936,561	9,396	1,618,514	14
342	226,621			8	2,572	291,608	27,260	5,879	258,469		3,260,887	3,250,567	10,320	4,368,051	15
60	31,240	27	6,632	6	876	8,020	4,910	900	2,210		49,499	48,589	910	127,308	16
51	26,134	178	51,663	4	1,040	14,839	8,295	565	5,979		114,355	112,585	1,770	273,600	17
329	163,483	1	250			29,974	12,340	1,320	16,314		470,093	470,093		893,694	18
319	203,870					19,355	8,884	3,258	5,917	1,296	370,429	353,463	16,966	728,224	19
6	5,653	2	576			2,430	1,350	60	540	480	13,272	13,032	240	40,000	20
621	372,048	163	39,857	13	5,560	101,501	58,872	4,435	38,164	30	1,507,614	1,459,521	48,093	2,601,027	21
451	198,048					16,837	3,532	1,637	11,668		418,640	395,540	23,100	785,697	22
133	68,025	4	820	10	2,012	10,763	6,980	210	3,473	100	120,638	119,273	1,365	257,694	23
702	463,871			2	400	143,629	25,314	1,487	13,686	103,142	1,123,914	1,122,136	1,778	2,275,162	24
7	4,660					1,748	936	150	662		32,925	32,755	170	56,762	25
406	206,097			15	2,868	48,169	24,118	1,599	14,942	7,510	256,291	245,626	10,665	704,690	26
2	809					628	584	7	37		14,184	13,881	303	17,161	27
10	7,040					970	240	155	575		52,549	52,190	359	66,917	28
144	95,977					31,929	940	5,000	25,989		653,447	571,697	81,750	954,528	29
914	576,501	282	97,511	34	7,072	386,809	192,656	3,777	41,928	148,448	1,208,467	1,205,344	3,123	3,062,566	30
740	317,724	1,360	353,450	9	1,140	205,755	41,766	5,857	48,939	109,193	1,988,231	1,976,083	12,148	3,333,885	31
101	90,506	846	314,562	7	726	80,535	60,114	1,129	17,192	2,100	546,594	544,481	2,113	1,364,938	32
335	174,949	911	243,669	10	1,594	55,562	39,811	1,892	13,159	1,200	981,703	975,893	5,810	1,903,331	33
167	122,497	62	17,600	2	325	128,432	54,165	5,255	69,012		2,049,799	2,023,737	26,062	2,766,387	34
38	18,636	17	5,495			15,877	6,800	705	8,372		171,876	171,216	660	258,984	35
213	86,972	247	42,381	10	2,158	99,329	61,739	2,642	34,948		557,995	544,580	13,415	1,136,509	36
328	214,200	1	600	6	1,800	56,911	9,228	1,540	16,143	30,000	822,521	821,236	1,285	1,199,756	37
2	1,020	17	6,192			2,059	1,758	34	267		8,043	7,880	163	26,575	38
45	32,350	44	14,800	13	2,725	30,756	8,268	1,158	21,330		128,290	126,890	1,400	293,762	39
78	42,553	151	42,316	2	305	26,115	18,906	207	10,722	1,280	40,677	31,762	8,915	273,174	40
183	93,771			10	2,080	7,214	6,410	42	762		273,624	269,770	3,854	405,665	41
95	65,533			5	1,206	12,504	7,939	248	4,017	300	91,251	89,522	1,729	225,039	42
29	15,025			1	260	4,649	2,840	49	1,610	150	17,043	15,494	1,549	52,070	43
12	4,848	2	720	2	360	2,674	2,343	23	308		3,997	3,873	124	27,450	44
18	11,110	4	1,414	2	316	2,635	2,265	36	334		3,945	3,863	82	28,600	45
1	1,000					492	492				1,065	1,065		6,920	46
118	57,022	3	1,080	2	416	13,817	5,546	424	7,697	150	190,927	189,537	1,390	384,969	47
7	2,860	8	1,400	2	720	2,966	2,220	92	604	50	24,654	24,654		51,600	48
235	150,019	16	5,557			72,366	3,960	6,100	62,306		3,018,772	2,958,385	60,387	3,574,177	49
188	92,064	8	2,585	1	360	20,743	13,856	746	5,811	330	365,231	354,694	10,537	674,095	50
3,146	2,122,381			56	12,667	704,074	106,027	19,272	533,098	45,677	3,728,365	3,520,277	208,088	3,366,967	51
370	178,025	1,165	254,715	3	367	102,137	18,980	3,159	79,998		2,131,175	2,104,558	26,617	2,992,802	52
59	51,042	110	48,739	1	270	32,546	14,384	9,053	9,109		498,277	497,739	538	1,132,045	53
410	101,930	160	27,100	12	1,156	29,256	11,243	1,283	15,025	1,700	361,480	359,670	1,810	657,885	54
125	80,303	15	6,104	4	756	31,256	17,955	671	5,730	6,900	136,541	134,646	1,895	397,555	55
462	261,489	25	7,012	9	1,560	58,458	20,464	4,891	32,203	900	395,526	386,879	8,647	880,363	56
123	80,700	10	2,800	16	2,000	12,350	6,420	825	5,105		127,292	122,117	5,175	330,015	57
471	321,138					424,274	53,970	85,899	284,405		508,284	493,043	15,241	1,942,214	58
43	25,230	1	300	5	754	11,125	9,206	84	1,835	500	21,572	20,669	903	86,364	59
129	72,184	262	84,820	9	1,300	35,865	14,096	1,290	20,279	200	319,226	317,237	1,989	664,181	60
15	10,124					4,917	60	262	4,595		169,102	167,156	1,946	220,946	61
6	2,700	13	11,052			2,056	1,780	54	222		14,325	14,240	85	41,436	62
33	19,122	1	312	1	300	5,885	4,133	141	1,541	20	20,551	19,657	894	63,175	63
5	1,844					366	294		72		648	574	74	5,012	64
28	13,768	57	19,228	3	600	22,992	10,273	182	12,537		71,650	69,952	1,698	169,902	65
6	3,200	66	23,500	7	1,180	10,570	1,800	540	8,230		71,751	70,751	1,000	126,980	66

TABLE 8.—MANUFACTURES IN CITIES

SAN FRANCISCO—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	Ice, manufactured	3	$510,141	$88,200	$55,365	$329,317	$37,259		30	$28,140	50	$40,009
68	Instruments, professional and scientific	7	36,100			12,800	23,300	10	7	4,900	35	27,256
69	Ironwork, architectural and ornamental.	17	297,517	1,200	1,500	94,965	199,852	17	29	41,194	219	130,751
70	Ivory and bone work	3	1,550			1,100	450	3			5	2,800
71	Jewelry	21	144,144	1,000	1,000	35,774	106,370	41	15	15,887	221	157,543
72	Kaolin and other earth grinding	4	62,395	50,000	2,000	7,200	3,195	6	1	720	10	3,285
73	Lard, refined	3	15,267	3,750	1,500	830	9,187	5			7	2,870
74	Leather goods	10	52,248	1,000	1,500	8,875	40,873	14	10	8,140	50	28,938
75	Leather, tanned, curried, and finished	21	1,232,216	108,800	99,200	143,361	880,855	29	25	36,900	570	364,565
76	Liquors, malt	25	4,722,057	850,083	667,931	347,276	2,856,167	23	64	128,455	443	398,063
77	Liquors, vinous	6	20,469	1,550	2,300	4,340	12,279	8	1	600	4	1,632
78	Lithographing and engraving	6	507,263			163,201	344,062	4	34	53,750	330	181,106
79	Lock and gun smithing	46	19,880			11,585	8,295	52	1	300	40	21,878
80	Looking-glass and picture frames	15	286,800	8,000	7,000	34,900	236,900	15	23	18,432	255	113,775
81	Lumber and timber products	4	405,250	251,500	50,000	56,100	47,650	2	11	11,500	110	49,622
82	Lumber, planing mill products, including sash, doors, and blinds.	27	511,107		41,750	183,949	285,408	30	39	44,044	566	391,547
83	Malt	4	352,330	76,600	138,500	44,500	92,730	2	6	12,600	46	37,911
84	Marble and stone work	16	520,425	50,700	44,100	46,575	379,050	17	18	20,620	186	99,101
85	Masonry, brick and stone	8	31,875	1,500	2,200	7,775	20,400	9	4	8,785	90	56,580
86	Mattresses and spring beds	9	101,065			6,710	94,355	9	17	20,180	89	44,426
87	Millinery and lace goods	8	31,491			7,000	24,491	8	7	5,540	102	30,055
88	Millinery, custom work	77	334,387	100,300	5,300	3,572	225,215	90	35	12,734	385	137,204
89	Mineral and soda waters	20	168,662	27,000	24,000	51,700	65,962	15	57	57,080	106	66,758
90	Models and patterns	8	30,885	2,000	2,000	8,715	18,170	10			54	30,985
91	Monuments and tombstones	18	96,255	21,350	8,220	6,935	64,750	23	3	2,760	65	50,130
92	Mucilage and paste	3	51,100	12,000	10,000	17,000	12,100	1	5	10,500	24	18,157
93	Musical instruments and materials, not specified.	3	10,800			1,250	9,550	3			5	8,595
94	Musical instruments, pianos and materials.	3	82,150	5,000	3,000	3,850	20,300	2			13	11,320
95	Oil, not elsewhere specified	3	788,926	190,000	187,391	128,926	282,609		37	53,110	183	76,796
96	Optical goods	3	26,625			7,000	19,625	10	10	18,320	28	18,580
97	Painting, house, sign, etc	152	201,573	20,725	9,325	40,515	131,008	174	18	10,999	344	520,070
98	Paints	6	135,512		6,000	21,525	107,987	3	25	25,950	22	14,568
99	Paper hanging	3	17,160	5,000	300	760	11,100	12	2	579	34	21,927
100	Patent medicines and compounds	30	498,256	22,000	42,500	75,730	358,026	21	33	43,410	178	83,606
101	Paving and paving materials	11	731,159	255,000	28,000	83,415	364,744	12	22	89,000	1,070	263,445
102	Perfumery and cosmetics	3	21,420			620	20,800	3	28	10,450	23	5,418
103	Photography	64	125,959			64,240	61,719	71	38	24,861	193	103,069
104	Photolithographing and photoengraving.	8	15,682			12,182	3,500	8	8	9,890	64	30,419
105	Pickles, preserves, and sauces	14	192,323	35,000	14,250	25,690	117,383	12	34	33,444	112	49,583
106	Pipes, tobacco	3	835			325	510	3				
107	Plastering and stuccowork	10	29,682	4,165	6,500	5,570	13,447	11			26	17,676
108	Plumbing, and gas and steam fitting	183	583,143	95,150	69,650	64,176	354,167	220	10	7,564	654	439,384
109	Printing and publishing, book and job	105	1,370,577	1,000	500	818,883	550,194	111	104	109,514	1,183	667,566
110	Printing and publishing, newspapers and periodicals.	119	1,414,123	11,100	6,000	899,815	497,208	128	487	504,350	979	833,630
111	Roofing and roofing materials	15	28,291	300	600	13,025	14,366	21	1	900	54	34,099
112	Rubber and elastic goods	6	38,500			17,500	21,000	3	8	4,135	21	8,295
113	Saddlery and harness	54	744,055	316,200	41,200	41,025	345,630	63	38	34,914	315	173,543
114	Safes and vaults	4	25,000			11,500	13,500	3	10	7,200	37	20,900
115	Sausage	9	51,725	17,000	7,800	18,000	8,925	11	1	480	24	12,267
116	Saws	4	157,097	4,460	18,146	94,397	40,094		15	16,440	48	34,457
117	Ship and boat building, wooden	21	112,290	500	5,520	49,010	57,260	36	11	10,000	334	201,706
118	Shirts	26	254,587			23,787	230,800	44	38	46,888	582	215,144
119	Show cases	3	7,900			2,300	5,600	4			19	11,138
120	Silk and silk goods	3	24,000			7,800	16,200	4	4	3,348	40	11,060
121	Slaughtering and meat packing, wholesale.	11	1,680,424	299,974	399,150	285,150	696,150	11	72	117,195	391	198,461
122	Slaughtering, wholesale, not including meat packing.	15	624,938	34,000	50,500	42,700	497,738	20	42	60,295	141	125,470
123	Soap and candles	17	821,080	79,050	82,979	180,919	478,132	22	35	39,671	176	85,312
124	Steam packing	6	44,560			8,525	36,035	3	8	5,558	29	16,710
125	Stencils and brands	4	7,800			4,800	3,000	4			6	4,540
126	Stereotyping and electrotyping	5	74,700			39,000	35,700	2	5	4,621	46	35,060
127	Sugar and molasses, refining	3	1,199,000	5,000	20,000	23,000	1,151,000		58	126,601	611	372,081
128	Surgical appliances	7	12,215			5,715	6,500	3	2	1,386	13	9,282
129	Taxidermy	3	1,600			200	1,400	5			1	250
130	Tinsmithing, coppersmithing, and sheet-iron working.	60	2,253,710	92,000	73,750	540,365	1,547,595	74	67	68,778	1,495	760,069
131	Tobacco, cigars and cigarettes	105	504,236	8,100	5,500	33,048	457,588	208	37	48,518	977	350,005
132	Tools, not elsewhere specified	7	46,125		5,000	28,210	12,915	8	2	2,100	28	15,720
133	Trunks and valises	7	149,000			13,100	135,900	10	12	10,310	141	61,881
134	Type founding	3	96,060			65,060	31,000	2	11	10,551	33	17,113
135	Typewriter repairing	4	9,300			1,050	8,250	2	1	600	13	8,000
136	Umbrellas and canes	3	5,325			475	4,850	3			6	3,874

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN FRANCISCO—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.										
50	$40,009					$21,463	$5,350	$1,097	$15,016		$43,753	$7,822	$35,931	$134,411	67
35	27,256					4,175	3,636	114	425		9,751	9,036	715	67,980	68
216	130,361			3	$390	27,067	11,586	844	10,637	$4,000	325,288	317,849	7,439	621,968	69
4	2,500	1	$300			592	564	3	25		1,525	1,525		8,060	70
211	155,775	2	520	8	1,248	37,618	12,786	620	19,412	4,800	363,928	354,838	9,090	627,044	71
10	3,285					3,076	1,031	51	551	1,440	24,951	22,785	2,166	47,545	72
7	2,870					754	741	9	4		59,926	59,434	492	67,758	73
33	24,362	14	4,236	3	340	9,131	3,123	127	5,881		44,845	44,336	509	113,285	74
569	364,155			1	410	69,312	4,905	4,110	60,297		2,219,187	2,198,821	20,316	2,794,804	75
440	397,503	1	260	2	300	1,280,447	10,090	17,096	1,253,261		710,462	627,731	82,731	2,872,303	76
4	1,632					5,991	760	257	4,974		11,630	11,480	150	27,364	77
235	155,202	95	25,904			44,505	17,460	1,687	25,358		223,079	215,677	7,402	608,345	78
35	21,013	1	150	4	715	9,821	9,160	130	531		16,312	15,278	1,034	89,474	79
194	100,115	34	9,760	27	3,900	38,285	10,780	1,371	26,134		81,788	80,392	1,396	347,925	80
110	49,622					6,205	670	2,135	3,400		110,895	110,895		196,785	81
562	390,077	1	470	3	1,000	62,137	39,391	1,831	14,427	6,488	655,730	643,606	12,124	1,353,480	82
46	37,911					8,840		2,240	6,600		324,111	310,096	14,015	537,990	83
186	99,101					12,817	5,176	2,088	5,553		301,172	291,888	9,284	520,805	84
90	56,580					181,599	2,200	475	2,802	176,122	71,884	71,374	510	398,748	85
72	38,650	16	5,560	1	216	9,295	7,792	501	1,002		186,372	185,127	1,245	317,200	86
10	4,264	91	25,737	1	54	3,370	2,304	65	1,451	50	32,563	32,347	216	102,900	87
3	1,700	369	134,044	13	1,460	90,914	78,944	1,743	10,227		485,322	485,310	12	927,848	88
104	66,058	1	400	1	300	20,437	8,301	1,803	10,333		189,110	186,240	2,870	437,326	89
51	30,315			3	670	5,019	3,636	109	1,124	150	15,800	14,534	1,266	75,848	90
63	49,402	2	728			8,642	3,364	172	3,806	800	67,533	67,179	354	184,178	91
20	11,957			4	1,200	2,163	916	352	895		46,953	45,299	1,654	80,600	92
5	3,595					309	552	12	245		847	813	34	8,933	93
13	11,320					1,708	840	98	770		7,776	7,776		38,100	94
173	72,596	10	4,200			36,429	600	6,915	28,914		476,142	469,420	6,722	707,502	95
25	17,750	1	480	2	300	5,978	3,582	105	2,291		37,115	36,119	996	117,680	96
843	519,378			1	192	47,936	35,418	814	10,268	1,436	349,007	348,760	247	1,185,068	97
20	13,848	2	720			15,763	5,700	707	9,356		219,479	214,479	5,000	316,814	98
34	21,927					1,728	1,054	110	564		13,998	13,998		52,720	99
68	44,283	108	39,057	2	316	143,003	12,406	1,573	129,024		528,011	524,957	3,054	1,020,437	100
1,070	263,445					35,116	469	2,339	32,308		362,566	357,066	5,500	816,950	101
7	3,198	16	2,220			22,918	1,380	42	21,496		62,034	62,017	17	117,613	102
112	70,715	71	30,638	10	1,716	51,755	40,244	373	11,138		123,413	122,846	567	426,021	103
62	30,166			2	253	3,142	2,278	121	743		9,137	7,653	1,484	75,775	104
68	39,126	43	10,277	1	180	16,562	8,390	724	6,948		198,707	193,363	5,344	424,772	105
						927	360	12	55		815	815		4,330	106
24	17,260			2	416	2,320	1,473	88	759		8,165	7,584	581	37,121	107
635	434,584	3	300	16	4,500	54,426	38,518	1,996	11,889	2,023	818,467	811,256	7,211	1,687,864	108
915	577,386	207	78,717	61	11,463	187,002	59,892	4,820	54,080	18,210	656,344	631,064	25,280	2,022,649	109
870	837,830	81	40,295	28	5,505	346,821	82,950	9,540	170,443	33,888	838,418	798,995	39,423	3,503,183	110
54	34,099					3,486	2,049	122	1,015	300	70,156	69,057	1,099	132,595	111
21	8,295					2,805	1,930	170	705		33,450	31,685	1,765	58,300	112
274	162,774	18	5,680	23	5,089	47,378	24,757	2,524	20,097		438,802	437,512	1,290	702,550	113
37	20,900					2,337	2,360	76	401		41,695	40,965	730	104,100	114
21	11,895	1	216	2	156	5,325	3,648	535	1,142		66,330	64,001	2,329	115,275	115
44	33,457			4	1,000	15,640	6,140	500	9,000		31,406	26,884	4,522	102,857	116
329	200,072			5	1,634	69,296	6,310	390	62,596		287,047	283,786	3,261	646,084	117
96	48,627	484	166,187	2	330	82,346	17,973	1,176	8,767	54,930	416,015	410,875	5,140	930,815	118
19	11,138					1,785	1,638	29	118		10,432	10,397	35	31,800	119
8	3,800	30	6,760	2	500	2,815	2,100	190	525		16,888	16,348	540	44,800	120
338	197,057	3	1,404			260,237	9,760	5,716	244,761		4,303,182	4,275,330	27,852	5,221,839	121
141	125,470					46,171	11,720	1,705	32,746		4,319,812	4,316,377	3,435	4,769,760	122
140	77,068	28	6,636	8	1,608	58,991	2,166	2,087	54,738		802,861	782,213	20,648	1,170,568	123
28	16,410			1	300	3,078	1,511	117	1,450		39,529	38,394	1,135	80,320	124
6	4,540					672	600	14	58		3,684	3,684		17,000	125
31	25,644	14	9,208	1	208	7,281	3,140	194	3,947		13,878	11,263	2,615	92,037	126
597	369,221	9	1,910	5	950	219,767	55,485	9,233	155,049		10,405,287	10,171,180	234,107	11,177,181	127
11	8,502	2	780			8,030	2,196	30	5,804		11,667	11,435	232	41,889	128
1	250					889	266	4	69		501	500	1	3,100	129
1,053	658,439	324	69,474	118	32,156	164,774	55,354	2,698	106,622	100	3,089,238	3,043,235	46,003	4,584,245	130
843	313,807	127	35,078	7	1,120	227,338	28,226	2,369	196,043	1,200	541,619	540,879	740	1,365,790	131
28	15,720					4,994	4,086	181	477	300	16,205	10,968	5,237	35,620	132
95	47,194	18	6,907	28	7,780	15,333	4,650	278	10,405		102,106	101,206	900	235,100	133
20	13,001	13	4,112			5,889	3,000	241	2,648		21,473	20,221	1,252	65,095	134
13	8,000					2,495	1,410	15	370	700	5,450	5,450		21,200	135
4	3,000	2	874			2,629	2,340	14	275		9,060	9,060		18,350	136

TABLE 8.—MANUFACTURES IN CITIES

SAN FRANCISCO—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	Upholstering materials	5	$21,850			$4,650	$17,200	8	3	$2,700	26	$5,904
138	Varnish	3	148,500	$42,000	$21,000	11,000	74,500	1	6	7,860	14	7,316
139	Watch, clock, and jewelry repairing	124	75,912			36,447	39,465	136	2	547	97	55,682
140	Window shades	10	17,600	1,000	500	4,000	12,100	14	1	720	26	14,866
141	Wirework, including wire rope and cable.	13	355,098			128,152	226,946	13	29	24,170	192	110,371
142	Wood, turned and carved	15	17,715			10,415	7,300	16			26	14,324
143	Wool scouring	6	329,668	40,000	20,000	74,600	195,068	1	9	11,440	230	107,167
144	All other industries[1]	105	11,158,275	1,582,165	1,096,074	2,520,004	5,960,032	94	256	354,642	4,602	2,785,722

[1] Embraces agricultural implements, 2; artificial feathers and flowers, 2; artificial limbs, 2; artists' materials, 1; bags, paper, 2; belting and hose, rubber, 1; bicycles and tricycles, 2; blacking, 1; boot and shoe cut stock, 1; buttons, 2; calcium lights, 1; card cutting and designing, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars, street railroad, not including operations of railroad companies, 2; china decorating, 2; chocolate and cocoa products, 1; cleansing and polishing preparations, 2; clothing, men's, factory product, buttonholes, 1; cordage and twine, 1; cordials and sirups, 1; cork, cutting, 1; dentists' materials, 1; drug grinding, 1; enameling and enameled goods, 1; fancy articles, not elsewhere specified, 2; fertilizers, 2; files, 2; firearms, 1; fireworks, 1; flags and banners, 1; foundry supplies, 1; furs, dressed, 1; gas machines and meters, 1; glass, 1; glue, 2; gold and silver, leaf and foil, 1; hand knit goods, 2; hardware, 2; house furnishing goods, not elsewhere specified, 2; ink, printing, 2; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron, and steel,

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1	All industries	349	$3,534,136	$423,643	$765,564	$960,511	$1,384,418	387	271	$185,958	1,802	$853,048
2	Bicycle and tricycle repairing	12	18,325			4,850	13,475	12			17	7,938
3	Blacksmithing and wheelwrighting	33	43,170	17,600	7,050	7,355	11,165	35	1	1,050	36	20,093
4	Boots and shoes, custom work and repairing.	23	7,275			3,770	3,505	28	1	900	12	4,916
5	Bottling	4	12,770	4,600	3,550	1,525	3,095	4			8	5,630
6	Boxes, wooden packing	3	22,700	5,000	3,500	3,700	10,500	2	3	3,800	24	8,298
7	Bread and other bakery products	15	33,440	3,400	2,600	17,975	9,465	15	28	12,306	42	26,530
8	Brick and tile	4	351,717	73,643	149,753	25,082	103,239	2	19	15,000	155	70,767
9	Carpentering	13	10,255	1,000	1,250	2,980	5,025	18	1	1,200	58	40,826
10	Carriages and wagons	6	20,250		3,000	3,350	13,900	6	2	1,500	30	15,155
11	Clothing, men's, custom work and repairing.	18	30,399			3,011	27,388	17	3	4,840	33	41,316
12	Clothing, women's, dressmaking	6	2,505			1,030	1,475	9			32	5,500
13	Confectionery	9	23,225			7,950	15,275	12	22	3,773	18	6,930
14	Dyeing and cleaning	3	2,520	1,000	400	1,025	95	3	5	1,815	5	2,360
15	Foundry and machine shop products	12	168,396	29,000	8,900	74,060	56,430	16	13	9,900	110	61,756
16	Furniture, cabinetmaking, repairing, and upholstering.	5	4,695	1,400	250	1,050	1,995	6	1	125	3	1,653
17	Liquors, malt	3	574,708	68,500	305,600	125,625	74,983	2	5	9,199	83	62,269
18	Liquors, vinous	3	158,436	8,000	34,786	30,250	85,400	1	5	6,100	12	5,478
19	Lock and gun smithing	5	8,215	5,000	1,000	1,850	365	7				
20	Looking-glass and picture frames	3	10,785			485	10,300	3	6	972	4	2,358
21	Marble and stone work	4	28,150	8,700	1,750	2,250	15,450	6	2	900	10	8,780
22	Masonry, brick and stone	3	6,000	2,000	2,000	1,000	1,000	3			17	9,000
23	Millinery, custom work	11	36,555			5,165	31,390	12	29	8,460	47	11,834
24	Mineral and soda waters	3	11,450	5,000	1,050	4,300	1,100	6	2	665	4	1,760
25	Painting, house, sign, etc	19	17,990	800	200	2,875	14,115	20			42	23,840
26	Photography	8	10,425		700	3,200	6,525	8	4	1,078	9	2,798
27	Plumbing, and gas and steam fitting	9	25,654	3,500	2,000	5,063	15,091	13	6	3,880	41	27,343
28	Printing and publishing, book and job	15	98,895			39,075	9,820	18	4	5,020	50	22,482
29	Printing and publishing, newspapers and periodicals.	9	153,000			70,700	82,300	7	58	39,969	83	45,603
30	Saddlery and harness	13	39,725	500	1,500	3,170	34,555	15	2	1,500	34	16,885
31	Tinsmithing, coppersmithing, and sheet-iron working.	4	43,000			7,500	35,500	4	10	6,396	35	21,632
32	Tobacco, cigars and cigarettes	5	26,540			3,000	23,540	5	4	1,800	31	18,153
33	Watch, clock, and jewelry repairing	15	14,945			8,000	6,945	16	1	450	19	11,704
34	Windmills	3	1,150		150	550	450	3			9	2,960
35	All other industries[1]	48	1,516,877	185,000	234,575	437,740	659,562	58	34	43,860	639	238,501

[1] Embraces awnings, tents, and sails, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 2; brass castings and brass finishing, 1; brooms and brushes, 2; cheese and butter, urban dairy products, 1; chemicals, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; cooperage, 1; electrical apparatus and supplies, 1; engraving and diesinking, 1; flouring and grist mill products, 2; food preparations, 2; fruits and vegetables, canning and preserving, 2; furniture, factory product, 2; gas, illuminating and heating, 1; gloves and mittens, 2; hand stamps, 1; hardware, saddlery, 2; leather,

BY SPECIFIED INDUSTRIES: 1900—Continued.

SAN FRANCISCO—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.										
14	$2,820	10	$2,796	2	$288	$3,225	$2,155	$95	$175	$800	$15,272	$14,752	$520	$38,400	137
14	7,316					4,850	120	380	4,350		88,900	88,185	715	130,805	138
89	53,478	2	408	6	1,796	34,995	29,281	414	3,398	1,902	60,325	59,554	771	251,542	139
20	12,927	5	1,739	1	200	3,466	3,069	177	220		86,780	86,220	560	122,556	140
187	109,111			5	1,260	21,050	10,205	649	9,196	1,000	464,845	459,755	5,090	808,884	141
24	13,764	1	300	1	260	3,886	2,691	45	450	700	10,891	9,559	1,332	46,530	142
189	93,375	41	13,792			45,276	9,920	14,862	20,494		53,354	42,974	10,380	293,200	143
4,230	2,688,945	234	72,462	138	24,315	720,093	61,447	36,127	368,629	253,890	7,330,626	7,024,341	306,285	12,192,711	144

doors and shutters, 1; iron and steel, forgings, 2; japanning, 1; jewelry and instrument cases, 1; labels and tags, 1; lamps and reflectors, 2; lapidary work, 1; lasts, 2; lime and cement, 2; matches, 2; oakum, 1; paper goods, not elsewhere specified, 1; pens, gold, 1; photographic apparatus, 1; plumbers' supplies, 2; pottery, terra cotta, and fire-clay products, 1; printing materials, 1; rice, cleaning and polishing, 1; salt, 2; scales and balances, 2; sewing machine repairing, 1; shipbuilding, iron and steel, 2; shoddy, 1; smelting and refining, not from the ore, 2; sporting goods, 1; springs, steel, car and carriage, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; tobacco, chewing, smoking, and snuff, 1; toys and games, 1; vault lights and ventilators, 1; vinegar and cider, 1; wood, preserving, 2; woolen goods, 1.

SAN JOSE.

1,243	$695,106	532	$153,236	27	$4,706	$351,131	$81,953	$18,470	$239,906	$10,802	$2,447,365	$2,374,571	$72,794	$4,584,072	1
16	7,688			1	250	3,344	1,886	124	1,334		9,753	9,594	159	27,110	2
34	19,673			2	420	6,517	4,143	368	2,002	4	23,966	21,909	2,057	81,335	3
11	4,754	1	162			3,375	2,614	67	694		9,869	9,834	35	31,564	4
8	5,630					1,812	10	100	1,702		23,712	23,622	90	38,109	5
23	8,128	1	170			2,048	400	279	1,364		251,620	251,246	374	268,044	6
40	26,090	2	440			9,021	4,602	255	4,164		70,284	66,292	3,992	155,516	7
155	70,767					20,419	1,900	915	17,604		46,012	17,385	27,627	196,797	8
58	40,826					10,225	820	75	330	9,000	143,550	143,470	80	217,240	9
30	15,155					4,575	3,258	146	1,071	100	20,476	19,880	596	51,920	10
54	31,039	29	10,277			8,601	5,274	677	2,650		50,788	50,646	142	142,646	11
		32	5,500			1,120	1,010		110		4,510	4,510		14,600	12
14	6,065	2	740	2	125	6,073	4,416	173	1,484		22,242	21,291	951	63,854	13
4	2,060	1	300			1,247	324	37	886		1,164	455	709	10,800	14
110	61,756					10,094	3,714	760	5,620		132,519	127,429	5,090	289,783	15
2	1,060	1	593			804	542	10	232	80	4,083	4,048	35	11,340	16
77	59,549	6	2,720			113,302		2,408	110,894		61,084	50,664	10,420	262,744	17
12	5,478					9,035	480	615	7,940		24,171	23,071	1,100	51,772	18
						928	720	93	115		1,732	1,640	92	6,605	19
3	2,208	1	150			1,615	1,310	59	246		4,806	4,806		14,400	20
10	8,780					1,777	420	47	707	603	7,208	7,168	40	33,169	21
17	9,000					152	87	55	10		19,635	19,635		37,150	22
1	1,700	46	10,134			10,750	8,280	212	2,258		50,916	50,866	50	97,372	23
3	1,510			1	250	953	86	59	808		1,399	1,349	50	5,850	24
39	23,310	1	240	2	290	4,140	3,393	159	588		29,119	29,083	36	73,060	25
3	1,307	6	1,491			2,634	2,200	53	381		6,718	6,682	36	23,800	26
41	27,343					5,508	2,230	235	2,893	150	33,934	33,456	478	96,271	27
37	19,017	12	3,255	1	210	8,073	3,133	432	4,508		20,369	19,185	1,684	77,500	28
54	36,514	28	8,881	1	208	12,138	3,805	384	7,284	665	28,234	25,567	2,667	151,253	29
33	16,705			1	180	3,637	2,756	201	680		23,705	23,700	5	55,483	30
35	21,632					9,372	3,960	381	5,031		76,517	75,994	523	134,670	31
23	15,860	3	720	5	1,573	7,428	1,500	169	5,759		24,587	24,472	115	56,365	32
19	11,704					4,923	3,741	227	755	200	14,755	14,598	157	40,400	33
9	2,960					481	384	22	75		18,460	18,460		21,200	34
268	129,838	360	107,463	11	1,200	64,955	8,555	8,673	47,727		1,190,968	1,177,564	13,404	1,744,340	35

tanned, curried, and finished, 1; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 2; paints, 1; paving and paving materials, 1; plastering and stuccowork, 1; sausage, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; stationery goods, not elsewhere specified, 1; wirework, including wire rope and cable, 2; 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	1,215	$12,945,221	$1,682,359	$1,953,564	$3,280,774	$6,428,524	1,360	465	$451,655	6,034	$3,015,869
2	Fresno	159	1,648,138	126,946	272,747	394,033	854,412	192	104	101,021	1,009	513,064
3	Napa	76	1,054,634	62,075	159,740	260,765	572,054	85	31	23,030	534	203,857
4	Petaluma	86	712,003	70,161	87,021	122,526	432,295	92	19	15,108	366	155,332
5	San Diego	208	1,147,712	202,895	145,862	427,251	371,704	230	57	47,703	574	281,786
6	Santa Clara	36	613,510	39,100	51,150	67,515	455,745	38	22	28,240	248	146,099
7	Santa Cruz	84	1,456,753	246,200	135,600	317,068	757,885	85	34	41,161	490	262,187
8	Santa Rosa	139	765,547	75,800	85,275	212,260	392,212	153	13	12,486	657	260,667
9	Stockton	291	4,810,253	709,627	626,294	1,193,747	2,280,585	335	164	165,762	1,649	944,734
10	Tulare	29	79,075	5,675	9,600	40,525	23,275	31	8	1,800	38	16,260
11	Vallejo	64	446,696	66,980	45,175	132,259	202,282	67	13	10,720	233	134,994
12	Visalia	43	210,900	26,900	35,100	62,825	86,075	52	5	4,621	236	96,889

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.										
4,605	$2,642,583	1,342	$359,198	87	$14,088	$1,100,915	$196,093	$84,495	$709,418	$110,909	$11,229,602	$11,019,437	$210,165	$18,733,611	1
687	424,578	305	84,285	17	4,201	136,761	34,020	15,771	86,121	849	1,903,800	1,862,165	41,635	3,238,217	2
359	161,855	153	38,452	22	3,550	86,688	10,378	6,545	69,770	----------	795,285	779,281	16,004	1,245,105	3
265	131,348	96	23,605	5	379	59,014	8,996	2,595	32,097	15,326	516,814	506,718	10,096	971,670	4
458	251,987	114	29,362	2	437	132,568	36,681	6,515	67,228	22,144	556,787	530,547	26,240	1,309,321	5
222	140,701	20	4,666	6	732	26,586	3,975	2,303	20,308	----------	330,155	327,629	2,526	712,421	6
471	257,284	17	4,603	2	300	149,035	13,290	7,593	115,952	12,200	873,438	862,607	10,831	1,648,483	7
390	192,542	267	68,125	----------	----------	98,781	22,491	4,389	51,017	20,884	902,579	887,414	15,165	1,521,348	8
1,448	891,553	178	49,422	28	3,759	332,047	46,226	32,732	215,613	37,476	4,515,956	4,446,860	68,496	6,659,916	9
30	14,325	6	1,680	2	255	4,943	1,800	668	2,475	----------	67,380	64,602	2,778	118,362	10
174	118,009	56	16,510	3	475	48,869	13,093	3,798	31,978	----------	419,569	409,488	10,081	736,629	11
106	58,401	130	38,488	----------	----------	25,623	5,148	1,586	16,859	2,030	348,439	342,126	6,313	571,644	12

COLORADO.

Colorado was organized as a territory in 1861 out of parts of Utah, New Mexico, Kansas, and Nebraska; and the Ninth Census (1870) was the first census in which the statistics for manufactures were published separately.

Table 1 shows the manufacturing and mechanical industries of the state as returned at the censuses of 1870 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, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	3,570	1,518	599	256	135.2	153.4	134.0
Capital	$62,826,472	$26,651,840	$4,311,714	$2,895,605	135.7	518.1	52.1
Salaried officials, clerks, etc., number	2,052	[1] 2,051	(2)	(2)	(3)		
Salaries	$2,272,480	[1] $2,413,320	(2)	(2)	[4] 5.8		
Wage-earners, average number	24,725	15,016	5,074	876	64.7	195.9	479.2
Total wages	$15,146,667	$9,872,405	$2,314,427	$528,221	53.4	326.6	338.2
Men, 16 years and over	22,588	13,521	4,652	874	67.1	190.6	432.3
Wages	$14,425,442	$9,309,281	(2)	(2)	55.0		
Women, 16 years and over	1,894	1,223	266	2	54.9	359.8	13,200.0
Wages	$671,539	$512,263	(2)	(2)	31.1		
Children, under 16 years	243	272	156		[4] 10.7	74.4	
Wages	$49,686	$50,861	(2)		[4] 2.3		
Miscellaneous expenses	$4,169,635	$1,948,025	(5)	(5)	114.0		
Cost of materials used	$66,886,016	$20,848,516	$8,806,762	$1,593,280	220.8	136.7	452.7
Value of products, including custom work and repairing	$102,830,137	$42,480,205	$14,260,159	$2,852,820	142.1	197.9	399.9
Total population	[6] 538,555	412,198	194,327	39,864	30.7	112.1	387.5
Wage-earners engaged in manufactures	24,725	15,016	5,074	876	64.7	195.9	479.2
Per cent of total population	4.6	3.6	2.6	2.2			
Assessed value of real estate	[7] $172,860,636	$155,383,090	$35,604,197	$8,840,811	11.2	336.4	302.7
Value of land and buildings invested in manufactures [8]	$21,778,742	$6,694,201	(2)	(2)	225.3		
Per cent of assessed value	12.6	4.3					

[1] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)
[2] Not reported separately.
[3] Less than one-tenth of 1 per cent.
[4] Decrease.
[5] Not reported.
[6] Exclusive of 1,145 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[7] As given in the Biennial Report of the Auditor of the State of Colorado, December 1, 1898, to November 30, 1900, page 142.
[8] Does not include the value of rented property.

Colorado is essentially a mining state, with stock raising and agriculture ranking next in importance. Only 4.6 per cent of the population is reported as wage-earners in manufacturing establishments. Table 1 indicates, however, that there was a steady increase in the manufacturing industries of the state during the thirty years ending with 1900. The total population of the state in 1870 was 39,864, and in 1900, 538,555, an increase of 498,691. The average number of wage-earners employed in manufacturing establishments has increased from 876 in 1870 to 24,725 in 1900, embracing, in 1900, 4.6 per cent of the entire population. The greatest number of wage-earners employed in manufactures at any one time during the year was 34,834, or 6.5 per cent of the total population, and this percentage is a more accurate indication of the proportion so employed.

The apparent rapid increase during the last decade is very largely due to the inclusion of the smelting and refining industry as a form of manufacturing in 1900. At the censuses of 1880 and 1890 this industry was treated as a branch of mining. In 1870, the report on manufactures included 15 establishments, with a product valued at $769,324, engaged in milling quartz, an industry not included in these reports since that time. If, for purposes of comparison, the product of copper and lead smelting and refining be deducted from the total for 1900, the product for the state will amount to $58,204,832, or an increase of 37 per cent during the last decade.

The situation of Colorado in the center of the states of the Rocky Mountain region has been favorable to the growth of its manufactures. The city of Denver is the great railroad and distributing center for these states, and this has materially assisted in the development of industries producing supplies to meet the demand of the district. In the case of all articles where freight charges are an important element of the cost, local manufacturers have been further favored as against their eastern competitors, by the distance of Colorado from the older manufacturing states of the country, and the absence of water communication. The state has also abundant fuel for use in manufactures, ranking ninth in the country in the production of coal in 1899.[1]

[1] Production of Coal in 1899, page 38. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for penal institutions, and establishments with a product of less than $500; these were not reported at previous censuses, and are therefore 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	3,865	$62,937,351	3,974	24,769	$15,150,767	$4,194,858	$66,917,323	$44,354,396	$18,666,091	$3,896,836	$102,917,750
Hand trades[1]	1,778	3,310,193	1,979	4,777	3,096,888	863,289	4,706,547	43,233	4,459,484	203,830	11,190,642
Penal institutions	3	1,350					3,495		3,495		8,125
Establishments with a product of less than $500	292	110,529	307	44	4,109	25,223	27,812	1,229	26,544	39	79,488
All other establishments	1,792	59,515,279	1,688	19,948	12,049,779	3,306,346	62,179,469	44,309,934	14,176,568	3,692,967	91,639,495

[1] Includes bicycle and tricycle repairing, 127; blacksmithing and wheelwrighting, 346; boots and shoes, custom work and repairing, 224; carpentering, 174; clothing, men's, custom work and repairing, 219; clothing, women's, dressmaking, 75; dyeing and cleaning, 24; furniture, cabinetmaking, repairing, and upholstering, 35; lock and gun smithing, 19; masonry, brick and stone, 34; millinery, custom work, 108; painting, house, sign, etc., 100; paper hanging, 10; plastering and stuccowork, 16; plumbing, and gas and steam fitting, 108; sewing machine repairing, 4; taxidermy, 11; typewriter repairing, 4; watch, clock, and jewelry repairing, 140.

Of the 3,865 establishments of all classes, shown in Table 2, 2,070, or 53.6 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 product for these establishments, consisting principally of the sums received for custom work and repairing, amounted to $11,270,130, or only 11 per cent of the total products of the state.

In addition to the 3,865 active establishments in the state during the census year, with a capital of $62,937,351, shown in Table 2, there were 13 idle establishments, with a capital of $1,721,775, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	2	$45,450
Coke	3	17,900
Flouring and grist mill products	3	103,550
Paper	1	1,575,000
All other industries	4	9,875

TABLE 3.—COMPARATIVE SUMMARY OF EIGHT 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	633	$17,987,096	8,261	$5,009,651	$1,781,701	$12,339,684	$23,664,719
	1890	403	10,784,747	5,256	3,553,979	841,160	8,769,691	16,064,081
Increase, 1890 to 1900		230	7,202,349	3,005	1,449,672	940,551	3,569,993	7,600,638
Per cent of increase		57.1	66.8	57.2	40.8	111.8	40.7	47.3
Per cent of total of all industries in state	1900	17.7	28.6	33.4	33.0	42.7	18.4	23.0
	1890	26.5	40.5	35.0	36.0	43.2	42.1	37.8
Cars and general shop construction and repairs by steam railroad companies.	1900	29	1,681,860	2,637	1,676,500	38,863	1,278,299	3,141,602
	1890	10	1,551,311	1,366	1,023,809		894,090	1,965,695
Coke	1900	9	928,874	406	226,454	38,446	527,558	1,213,561
	1890	7	594,393	247	161,665	1,360	408,183	673,479
Flouring and grist mill products	1900	60	2,040,774	278	169,358	131,790	3,842,194	4,528,062
	1890	33	2,135,085	246	149,554	126,540	3,155,919	3,398,166
Foundry and machine shop products	1900	77	2,853,181	1,823	1,125,432	234,926	1,647,102	3,986,915
	1890	31	1,823,691	751	588,021	84,193	705,080	1,792,619
Liquors, malt	1900	14	5,682,204	323	256,764	335,518	375,893	2,042,863
	1890	11	1,917,050	286	214,407	252,024	555,149	1,601,168
Lumber and timber products	1900	159	972,098	732	331,038	27,322	854,454	1,627,605
	1890	120	941,561	1,156	392,010	64,597	647,058	1,363,749
Printing and publishing	1900	278	2,566,030	1,800	1,078,595	430,871	785,099	3,561,754
	1890	187	1,481,506	1,177	968,689	282,806	579,013	2,641,174
Slaughtering and meat packing, wholesale	1900	7	1,262,075	212	139,510	43,965	3,029,085	3,562,357
	1890	4	840,150	77	55,824	29,640	1,825,249	2,128,030

The 8 leading industries of the state in 1900, as shown in Table 3, embraced 633 establishments, or 17.7 per cent of the total number in the state; used a capital of $17,987,096, or 28.6 per cent of the total; gave employment to 8,261 wage-earners, or 33.4 per cent of the total number; and paid $5,003,651, or 33 per cent of the total wages. The value of their products was $23,664,719, or 23 per cent of the total. In all particulars the totals for these leading industries constituted a smaller per cent of the totals of the state in 1900 than in 1890. This is due to the inclusion of smelting and refining in 1900, and to the increase in the manufacture of iron and steel and in the less important industries. The smelting and refining of copper and lead was treated as a branch of mining in 1890, and comparative statistics are not available. This industry gave employment to 3,726 wage-earners in 1900, and was the most important in the state according to the value of its products, $44,625,305. This product includes gold and silver as well as copper and lead, and the value of the precious metals forms the greater part of the total value reported.

The 3 establishments engaged in the smelting of copper ore reported the fine copper contents of mattes as amounting to 21,212,797 pounds, valued at $1,993,791. The product of silver amounted to 728,334 fine ounces, valued at $428,493, and of gold to 71,396 fine ounces, valued at $1,470,750. The smelting of lead was confined to argentiferous ores, and the lead contents of the base bullion amounted to 219,304,385 pounds, valued at $8,613,296. The silver product of the lead smelters amounted to 24,464,621 fine ounces, valued at $14,680,880, and the gold to 760,240 fine ounces, valued at $15,194,872. The product of the refining and desilverizing of the hard or antimonial lead amounted to 1,402,948 pounds, valued at $59,156, and of all other lead, including Doré bars, amounted to 42,723,944 pounds, valued at $1,822,735. The contents of the precious metals contained in Doré bars amounted to 5,769,336 fine ounces of silver, valued at $3,429,993, and of gold to 234,763 fine ounces, valued at $4,852,376. "Dry ores" of the precious metals are now usually smelted in combination with lead ores, for it has been found that they can be treated more economically in this way than in any other. The abundant lead ores of the state, nearly one-third of the country's production in 1899,[1] are used for this purpose, but the state's production of ores of the precious metals is so great—surpassing that of any other state in the country[2]—that it has been necessary to bring in large quantities of lead ores from other mining states to assist in smelting ores of gold and silver, as well as to make use of the fuel of the state. Colorado has thus become the great smelting state of the country, the value of the product of its lead smelters and refineries constituting 23.2 per cent of the value of the product of the United States.

The manufacture of iron and steel stands next in importance to the smelting of ores. There were only two establishments reported for the industry in 1890, and the statistics were included in the group of "All other industries;" therefore, comparative data can not be given. This industry gave employment to 1,414 wage-earners during 1900, and the finished products were valued at $6,108,295. These products included 112,843 tons of pig iron, 129,133 tons of Bessemer steel ingots, 84,670 tons of steel rails, and 25,882 tons of iron and steel bars and rods. The importance of the iron and steel industry in Colorado is due largely to the abundant local supply of raw materials. The coal production of the state in 1899—4,776,224 short tons—exceeded that of any other state west of the Mississippi, with the exception of Iowa, while the production of iron ore during the same year, 307,557 long tons, was three times the combined production of all the other states west of the Mississippi with the exception of Minnesota.[3] The further manipulation of iron and steel in the foundry and machine shops of the state constitutes an industry which gave employment to 1,823 wage-earners in 1900, and whose product was valued at $3,986,915. This industry is affected very considerably by the extensive mining operations of the state, for a large part of the work in these machine shops is the manufacture of mining machinery. Many establishments make this a specialty, and their machines are used in mines in all parts of the United States and even in foreign countries. Allied also to the preceding industries is the construction and repair shop work of steam railroads. This industry, with 2,687 wage-earners and a product valued at $3,141,602, reflects the great railroad interests of the state.

The manufacture of coke, made possible by the large coal production of the state, has been further stimulated by the demand for this product for smelting purposes. During the year 1899, 503,543 short tons of coke were manufactured, and the entire product was valued at $1,213,561. The manufacture of malt liquors, with 323 wage-earners and a product valued at $2,042,863, and the flour-milling industry, with 278 wage-earners and a product valued at $4,528,062, have both been stimulated by the increasing production of cereals within the state. The wheat crop for 1900 exceeded 7,000,000 bushels, while the crop for 1890 was less than 3,000,000 bushels.[4]

The importance of the slaughtering and meat-packing industry, with 212 wage-earners and a product valued at $3,562,357, reflects the position of Denver as the stock market for the great stock-raising region of the Rocky Mountains. Cattle are received from all the states of this region, and Colorado reported over 1,000,000 cattle of its own in 1899.[5] In addition to these leading industries attention is called to 2 others, fruit canning and the manufacture of beet sugar, which are included only in Table 6. Fruit canning gave employment to 206 wage-earners in 1900, and had a product valued at $343,394. The industry

[1] Production of Lead in 1899, page 9. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

[2] Production of Gold and Silver in 1899, page 127. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

[3] The Production of Coal in 1899, page 38, and the Production of Iron Ore in 1899, page 8. (Extracts from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

[4] Year book of the Department of Agriculture, 1900, page 767, and Abstract of the Eleventh Census, page 114.

[5] Year book of the Department of Agriculture, 1899, page 819

first appears in census reports in 1900, and has been made possible by the increasing success of horticulture in the state as a result of the extensive irrigation of recent years. The manufacture of beet sugar was begun in Colorado in 1899, and although but one establishment was reported for the census year, other new establishments, with greater capacities, stood ready to use the beet crop of 1900 as soon as it was harvested.[1]

[1] Seventh Biennial Report of the Bureau of Labor Statistics, Colorado, 1899–1900, page 383.

It is estimated that the capital has increased fully 60 per cent since the close of the census year, and that the output for 1901 will reach nearly 200,000 long tons.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing industries of the cities of Denver and Pueblo, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, DENVER AND PUEBLO, 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	3,570	$62,825,472	24,725	$15,146,667	$4,169,635	$66,886,016	$102,830,137
	1890	1,518	26,651,840	15,016	9,872,405	1,948,025	20,848,516	42,480,205
Per cent of increase		135.2	135.7	64.7	53.4	114.0	220.8	142.1
Denver	1900	1,474	30,883,046	10,926	6,824,003	2,409,785	24,572,199	41,368,698
	1890	762	16,811,868	9,283	6,653,585	1,340,868	14,216,549	29,240,747
Per cent of increase		93.4	83.7	17.7	2.6	79.7	72.8	41.5
Pueblo	1900	241	12,374,248	4,911	3,044,280	577,501	22,589,669	30,795,481
	1890	102	1,278,792	937	629,759	92,792	999,966	2,374,631
Per cent of increase		136.3	867.7	424.1	383.4	522.4	2,159.0	1,196.9
Total for the 2 cities	1900	1,715	43,257,294	15,837	9,868,283	2,987,286	47,161,868	72,164,179
	1890	864	18,090,660	10,220	7,283,344	1,433,660	15,216,515	31,615,378
Per cent of increase		98.5	139.1	55.0	35.5	108.4	209.9	128.3
Per cent of 2 cities to total for state	1900	48.0	68.9	64.1	65.2	71.6	70.5	70.2
	1890	56.9	67.9	68.1	73.8	73.6	73.0	74.4

It appears from Table 4 that there has been an increase during the last decade in the manufactures of the 2 principal cities of the state. In certain particulars, however, the increase shown for the city of Denver is only apparent, due to the inclusion of the smelting and refining of ores in 1900, which industries were not included in the manufacturing statistics at the census of 1890. Exclusive of these industries, the value of the products for 1900, as compared with 1890, shows a decrease for Denver of 5.6 per cent, and for the entire state an increase of 37 per cent. Mr. Frank S. Tesch, the chief special agent for Denver, states in explanation of the decrease in Denver, as compared with the increase in the entire state, that 1890 was a year of exceptional prosperity in that city; rents and the value of real estate were high, and there was great activity in building operations. Business depression in subsequent years of the decade seriously affected manufacturing industries, especially the building trades.

There were 1,474 establishments in Denver in 1900, or 41.3 per cent of the entire number located within the state. These establishments had a combined capital amounting to $30,883,046, or 49.2 per cent of all the capital employed in the state. Of the wage-earners, 10,926, or 44.2 per cent of all in the state, were employed in Denver. The total amount of wages paid in the city amounted to $6,824,003, or 45.1 per cent of all wages paid in the state. The value of products, including custom work and repairing, during 1900 was $41,368,698, or 40.2 per cent of the total products of the state, while the combined value of the products of Denver and Pueblo amounted to $72,164,179, or 70.2 per cent of the total products of the state.

The table shows a large increase in the manufacturing industries of the city of Pueblo. This is, however, quite largely due to the inclusion of the lead smelting and refining industry in 1900. Exclusive of this industry, the value of the products for 1900 amounted to $10,965,932 as compared with $2,374,631 in 1890, an increase of 361.8 per cent during the decade. This increase was chiefly in the manufacture of iron and steel.

Table 5 presents the totals for the manufacturing and mechanical industries of the 8 cities and towns withdrawn from the enumerators, and places them in comparison with the totals for the entire state and the state exclusive of these cities and towns.

TABLE 5.—URBAN MANUFACTURES.

	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 for state	3,570	$62,825,472	3,667	24,725	$15,146,667	$4,169,685	$66,836,016	$102,830,187
Total for urban manufactures	2,325	49,443,404	2,344	19,113	12,037,500	3,512,056	54,528,519	83,667,967
Aspen	53	104,675	50	68	41,939	12,663	87,084	206,447
Colorado Springs	159	1,446,189	180	822	489,337	202,039	798,527	1,840,642
Cripple Creek	127	342,256	137	400	336,591	64,471	714,016	1,417,846
Denver	1,474	30,883,046	1,461	10,926	6,824,003	2,409,785	24,572,199	41,368,698
Leadville	115	3,632,766	119	1,376	854,095	94,829	5,061,979	6,436,680
Pueblo	241	12,374,248	217	4,911	3,044,280	577,501	22,589,669	30,795,481
Trinidad	87	481,451	101	320	202,422	79,961	288,212	679,649
Victor	69	178,773	79	281	244,838	70,807	466,833	922,524
Total for state exclusive of urban manufactures	1,245	13,382,068	1,323	5,612	3,109,167	657,579	12,357,497	19,162,170
Per cent of urban manufactures to total for state	65.1	78.7	63.9	77.3	79.5	84.2	81.5	81.4

Of the 3,570 establishments in the state, 2,325, or 65.1 per cent were located in these 8 cities and towns. They furnished employment to 19,113 wage-earners, or 77.3 per cent of the total number, and the value of their products, $83,667,967, formed 81.4 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 Denver and Pueblo 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

	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.
1	The State	3,570	$62,825,472	$5,796,070	$15,977,672	$21,494,888	$19,556,842	3,667	2,052	$2,272,480	24,725	$15,146,667
2	Arapahoe	1,516	33,556,944	3,185,015	8,541,430	11,079,414	10,751,085	1,498	1,186	1,329,525	11,694	7,177,659
3	Archuleta	5	19,985	335	1,700	16,550	1,400	4	1	225	17	7,567
4	Bent	16	31,200	2,200	6,930	10,175	11,925	19			18	13,136
5	Boulder	137	982,190	147,562	185,830	256,735	392,063	143	37	35,486	443	216,141
6	Chaffee	19	318,726	31,200	122,440	67,371	97,715	24	24	27,829	451	268,351
7	Clear Creek	42	99,880	20,110	13,540	26,500	39,730	50			30	20,022
8	Conejos	13	100,037	6,675	37,100	31,675	24,587	13	9	12,808	96	57,338
9	Costilla	5	84,566	1,100	12,150	12,300	59,016	2	5	5,450	15	9,023
10	Custer	16	32,945	920	11,895	10,975	9,215	21	2	930	13	6,044
11	Delta	28	83,186	4,310	11,975	22,010	44,891	34			28	15,040
12	Dolores	4	18,650	1,300	2,650	12,200	2,500	6	1	320	12	2,555
13	Douglas	16	47,700	20,925	6,875	12,050	7,850	17	4	2,774	45	18,475
14	Eagle	8	28,190	4,060	5,850	7,130	11,150	8	2	2,300	47	27,376
15	Elbert	9	12,890	1,310	5,950	3,880	1,720	9	1	700	6	1,970
16	El Paso	193	1,929,771	398,111	294,888	685,745	551,027	214	126	94,838	1,152	680,877
17	Fremont	57	1,336,900	480,663	168,530	390,343	297,364	62	27	44,168	368	199,538
18	Garfield	34	267,227	5,775	37,187	161,955	62,310	40	5	4,953	105	60,825
19	Gilpin	47	148,042	14,390	16,900	47,947	68,805	57	1	1,400	121	80,841
20	Grand	4	5,275	210	315	2,800	1,950	4			1	125
21	Gunnison	27	152,330	5,210	9,240	107,204	30,676	28	2	2,028	95	49,246
22	Hinsdale	12	24,375	2,100	4,750	9,225	8,300	12			12	6,800
23	Huerfano	20	40,930	3,775	11,940	17,635	7,580	23			14	6,565
24	Jefferson	30	577,250	99,760	155,220	179,675	142,595	22	13	17,767	124	78,630
25	Kit Carson	3	15,195	3,125	7,950	3,525	595	2	1	600	3	1,100
26	Lake	119	4,498,000	136,176	1,236,353	1,942,417	1,183,054	121	64	104,421	1,584	1,026,348
27	La Plata	42	1,508,550	78,382	433,232	602,279	394,657	37	20	42,132	346	224,939
28	Larimer	86	395,932	36,202	85,366	127,180	147,184	98	22	6,020	106	52,357
29	Las Animas	106	1,197,692	62,771	176,440	659,392	299,089	116	42	45,698	690	386,351
30	Logan	11	17,190	2,250	5,950	5,075	3,915	11			7	3,355
31	Mesa	52	620,283	35,900	148,050	381,988	54,345	64	15	20,295	255	142,702
32	Mineral	23	40,507	2,150	7,110	13,457	17,790	25	1	1,200	26	13,380
33	Montezuma	8	97,715	14,175	13,750	42,405	27,385	8	5	4,700	65	37,900
34	Montrose	6	36,794	6,440	1,350	10,335	18,669	6	1	600	23	11,775
35	Morgan	21	16,697	1,185	4,325	5,625	5,562	25	1	400	17	6,496
36	Otero	43	290,460	24,750	90,700	91,457	83,553	42	14	12,635	356	189,672
37	Ouray	10	44,425	950	4,200	3,825	35,450	8	2	2,100	36	29,557
38	Park	22	120,816	40,472	9,115	35,225	36,004	27	7	5,564	93	45,980
39	Phillips	5	15,394	500	10,375	3,080	1,439	4	1	1,200	8	4,855
40	Pitkin	59	138,285	11,325	23,390	45,375	58,195	56	4	2,873	94	55,222
41	Prowers	22	132,896	4,550	16,740	26,270	85,336	22	2	2,100	36	13,945
42	Pueblo	245	12,376,228	754,607	3,807,175	3,878,485	3,935,961	221	320	370,428	4,911	3,044,280
43	Rio Blanco	8	29,488	2,000	4,300	13,088	10,050	8	1	400	9	4,425
44	Rio Grande	17	90,054	3,470	18,800	34,255	33,529	18	3	3,400	69	35,136
45	Routt	20	40,780	3,390	10,335	18,270	8,785	23	2	400	26	13,867
46	Saguache	5	14,150	1,600	3,850	7,450	1,250	6			8	2,400
47	San Juan	9	51,930	1,750	11,800	12,175	26,205	11			24	24,472
48	San Miguel	32	174,785	36,387	22,878	72,570	42,950	34	6	5,200	68	49,428
49	Sedgwick	9	7,875	462	1,500	3,878	2,035	8			3	1,645
50	Summit	12	24,334	675	3,150	10,220	10,289	12	1	72	9	5,305
51	Teller	216	595,085	71,095	70,758	151,573	301,659	243	47	42,756	790	635,697
52	Washington	5	20,022	750	9,500	2,820	6,952	4	1	1,200	8	3,976
53	Weld	86	293,140	19,700	68,335	109,585	95,520	90	12	11,190	124	62,172
54	Yuma	4	11,471	435	2,100	7,305	1,631	4			2	827
55	All other counties [1]	6	10,160	1,400	3,600	2,810	2,350	3	2	1,395	22	12,959

[1] Includes establishments distributed as follows: Cheyenne, 2; Kiowa, 2; Lincoln, 2.

TABLE 7.—MANUFACTURES BY

1	All industries	3,570	$62,825,472	$5,796,070	$15,977,672	$21,494,888	$19,556,842	3,667	2,052	$2,272,480	24,725	$15,146,667
2	Awnings, tents, and sails	7	102,045			12,461	89,584	8	5	6,040	62	30,983
3	Bicycle and tricycle repairing	127	115,342	1,675	4,250	54,629	54,788	147	8	5,850	97	53,546
4	Blacksmithing and wheelwrighting	346	487,302	111,257	108,578	77,765	189,702	402	2	1,468	803	213,449
5	Bookbinding and blank book making	5	34,350			13,900	20,450	4	7	3,542	23	11,951
6	Boots and shoes, custom work and repairing.	224	90,319	10,290	19,650	24,267	36,112	224			78	43,835
7	Bottling	16	257,411	19,250	126,816	21,223	90,122	12	13	14,999	63	35,100
8	Brass castings and brass finishing	4	31,150	10,000	9,150	7,500	4,500	3	1	1,500	21	12,780
9	Bread and other bakery products	132	551,837	54,990	102,010	214,100	180,737	135	66	47,706	420	236,423
10	Brick and tile	65	525,725	154,225	81,325	139,930	150,245	76	18	18,450	438	237,105
11	Brooms and brushes	5	24,100			10,400	13,700	3	11	3,000	47	20,510

BY COUNTIES: 1900.

from Baca county.]

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.										
22,588	$14,425,442	1,894	$671,539	243	$49,686	$4,169,635	$701,212	$292,330	$2,659,468	$516,625	$66,886,016	$64,043,306	$2,842,710	$102,830,137	1
10,155	6,625,121	1,407	521,861	132	30,677	2,472,298	439,004	151,312	1,576,984	304,998	27,498,836	26,599,113	899,723	44,985,905	2
17	7,567	------	------	------	------	515	------	333	182	------	26,240	26,040	200	40,248	3
16	12,651	2	485	------	------	2,890	560	654	1,676	------	39,312	38,516	796	75,330	4
358	192,931	60	17,288	25	5,922	76,437	14,149	8,810	53,410	68	798,029	775,184	22,845	1,372,894	5
449	267,551	2	800	------	------	11,626	3,002	2,336	5,610	678	317,507	299,522	17,985	634,798	6
28	19,372	2	650	------	------	8,170	5,024	1,672	1,474	------	39,183	37,103	2,080	106,447	7
95	57,038	1	300	------	------	1,701	388	974	342	------	85,490	83,888	1,602	171,147	8
15	9,023	------	------	------	------	10,855	------	1,746	9,109	------	149,479	146,334	3,145	191,136	9
11	5,669	2	375	------	------	2,017	168	810	1,539	------	14,835	14,336	499	35,497	10
24	14,240	4	800	------	------	4,592	1,379	1,038	2,175	------	60,139	57,850	2,289	112,117	11
12	2,555	------	------	------	------	265	------	265	------	------	12,265	12,265	------	22,600	12
43	17,985	2	490	------	------	2,265	404	196	1,579	86	39,110	38,562	548	96,968	13
46	27,076	1	300	------	------	731	120	228	383	------	15,984	15,767	217	53,494	14
5	1,720	1	250	------	------	346	108	105	133	------	28,008	27,419	589	40,088	15
1,075	658,824	59	19,003	18	3,050	208,858	42,955	13,107	87,912	64,884	957,646	923,769	33,877	2,278,789	16
343	194,124	24	5,279	1	135	39,827	8,524	12,945	18,358	------	709,884	659,880	50,004	1,156,186	17
102	60,375	3	450	------	------	12,968	2,548	692	9,788	------	139,689	137,133	2,556	357,778	18
117	79,191	4	1,650	------	------	14,010	5,802	1,452	5,836	920	114,292	110,215	4,077	293,157	19
1	125	------	------	------	------	171	90	31	50	------	931	896	35	2,950	20
90	48,284	4	650	1	312	7,677	1,240	608	5,829	------	120,436	119,697	739	288,298	21
10	6,010	2	790	------	------	1,608	571	224	713	100	12,047	11,852	195	30,242	22
13	6,325	1	240	------	------	2,411	601	735	1,072	------	44,893	44,578	315	78,415	23
116	76,875	3	755	5	1,000	124,592	1,060	4,901	118,581	------	137,304	121,887	15,417	485,102	24
3	1,100	------	------	------	------	202	------	84	118	------	16,328	15,823	505	21,704	25
1,560	1,015,958	20	10,030	4	360	99,831	23,209	9,680	66,392	550	6,378,631	5,888,695	489,936	8,015,270	26
537	221,974	7	2,700	2	265	55,301	10,924	6,459	37,918	------	2,031,046	1,981,078	52,968	2,729,428	27
95	50,310	7	1,677	4	370	27,843	4,569	3,647	16,902	2,725	490,536	481,918	8,618	671,709	28
669	381,093	18	4,806	3	452	108,885	11,719	5,699	85,226	6,241	634,914	626,506	8,408	1,528,821	29
6	2,905	1	450	------	------	772	344	104	324	------	5,719	5,454	265	16,697	30
237	189,587	16	2,850	2	265	30,134	3,899	2,126	18,427	5,682	255,880	248,257	7,623	433,502	31
22	13,082	------	------	4	298	1,830	714	526	590	------	23,685	22,933	752	59,708	32
59	35,300	6	2,600	------	------	4,173	200	1,179	2,794	------	148,190	147,155	1,035	232,555	33
22	11,425	------	------	1	350	7,690	4,000	285	3,405	------	67,300	65,525	1,775	102,628	34
17	6,496	------	------	------	------	1,707	823	184	700	------	13,182	11,777	1,405	33,748	35
333	186,436	18	2,836	5	400	22,749	3,187	3,817	15,435	310	326,612	313,429	13,183	600,070	36
35	29,317	1	240	------	------	3,632	1,811	716	1,105	------	33,194	31,483	1,711	82,676	37
92	45,680	1	300	------	------	2,600	270	783	1,147	400	57,349	55,067	2,282	131,686	38
8	4,855	------	------	------	------	478	60	269	149	------	4,790	4,518	272	12,698	39
80	50,084	14	5,138	------	------	15,845	5,848	2,169	7,828	------	107,932	98,587	9,345	261,505	40
31	12,651	5	1,294	------	------	4,828	860	759	3,003	206	153,461	150,897	2,564	188,384	41
4,756	3,000,093	127	39,667	28	4,520	577,560	46,480	34,251	430,966	65,863	22,590,396	21,448,805	1,141,591	30,797,781	42
9	4,425	------	------	------	------	1,371	310	400	601	------	18,864	18,453	411	35,462	43
68	34,936	1	200	------	------	7,763	308	1,758	5,363	334	168,446	165,109	3,337	247,215	44
26	13,367	------	------	------	------	912	48	353	511	------	24,180	23,734	446	55,760	45
8	2,400	------	------	------	------	214	------	114	100	------	10,870	10,870	------	18,516	46
23	24,312	------	------	1	160	5,352	1,230	471	3,651	------	44,589	43,854	735	80,583	47
67	49,178	1	250	------	------	11,345	5,260	1,785	4,300	------	68,115	65,979	2,136	174,345	48
3	1,645	------	------	------	------	604	271	226	107	------	16,450	15,970	480	22,734	49
8	4,705	1	600	------	------	517	287	200	30	------	12,315	11,965	350	32,423	50
735	616,433	50	18,404	5	860	138,354	38,431	5,955	31,488	62,480	1,288,256	1,267,816	20,440	2,550,497	51
7	3,826	1	150	------	------	580	84	277	219	------	10,167	9,976	191	17,883	52
107	56,951	15	4,931	2	290	29,104	8,317	3,154	17,533	100	509,695	499,876	9,819	738,964	53
2	827	------	------	------	------	325	------	137	188	------	4,278	4,198	80	7,077	54
22	12,959	------	------	------	------	351	49	89	213	------	6,707	5,793	914	23,522	55

SPECIFIED INDUSTRIES: 1900.

22,588	$14,425,442	1,894	$671,539	243	$49,686	$4,169,635	$701,212	$292,330	$2,659,468	$516,625	$66,886,016	$64,043,306	$2,842,710	$102,830,137	1
17	13,794	45	17,189	------	------	10,061	4,730	382	4,949	------	163,642	162,942	700	233,697	2
93	53,036	------	------	4	510	34,720	25,411	948	8,361	------	125,694	122,118	3,576	321,635	3
300	212,957	------	------	3	492	38,864	21,798	4,952	11,629	485	297,477	277,760	19,717	939,877	4
9	6,834	11	4,567	3	550	2,000	1,430	63	567	------	17,318	17,020	298	43,100	5
78	43,835	------	------	------	------	26,143	21,519	872	3,752	------	91,957	88,982	2,975	282,081	6
61	34,590	------	------	2	510	20,191	1,014	2,347	16,830	------	161,342	159,922	1,420	292,862	7
20	12,624	------	------	1	156	1,681	864	214	603	------	41,307	39,843	1,464	70,327	8
805	199,121	114	36,974	1	328	94,409	34,566	5,325	54,518	------	865,100	837,329	27,771	1,606,979	9
435	286,310	------	------	8	795	36,888	12,932	2,958	19,328	1,620	86,197	18,470	67,727	497,328	10
45	20,010	1	400	1	100	2,629	1,290	210	1,129	------	30,085	29,440	645	62,140	11

TABLE 7.—MANUFACTURES BY

	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	Carpentering	174	$487,499	$32,824	$37,425	$68,564	$348,686	212	6	$2,790	968	$694,278
13	Carpets, rag	7	3,039	200	100	1,650	1,089	7			13	5,736
14	Carriages and wagons	48	319,121	62,550	62,600	37,890	156,081	53	11	10,960	191	132,625
15	Cars and general shop construction and repairs by steam railroad companies.	29	1,681,860	277,550	576,572	481,007	346,731		137	148,040	2,687	1,670,500
16	Cheese, butter, and condensed milk, factory product.	38	203,947	12,092	61,625	72,078	58,152	35	18	11,415	80	40,328
17	China decorating	3	2,250			700	1,550	2	2	1,440	4	1,378
18	Clothing, men's, custom work and repairing.	219	374,085	9,300	10,400	29,476	324,909	235	19	18,795	673	416,253
19	Clothing, women's, dressmaking	75	659,898	353,880	154,665	28,987	122,366	79	13	27,500	428	171,441
20	Coke	9	928,874	27,700	95,325	763,382	42,467		19	26,779	406	226,454
21	Confectionery	43	322,202	18,500	17,438	85,234	201,030	45	83	50,698	211	91,047
22	Copper, smelting and refining	3	2,308,309	99,998	623,885	429,238	1,155,188		30	59,765	410	315,958
23	Corsets	3	1,854			704	1,150	2	2	1,010	1	350
24	Dyeing and cleaning	24	10,595		200	7,400	2,995	31			21	11,934
25	Electrical apparatus and supplies	4	77,000			50,000	27,000	3	6	6,000	84	41,720
26	Electrical construction and repairs	9	28,966			5,538	23,428	11	5	4,480	23	16,837
27	Electroplating	4	4,400	200	500	2,900	800	4			8	3,600
28	Flavoring extracts	3	7,775	1,000	3,000	400	3,375	4	3	1,300	4	1,470
29	Flouring and grist mill products	60	2,040,774	193,262	436,966	618,550	791,996	36	92	78,445	278	169,358
30	Food preparations	11	31,205	10,300	7,250	7,405	6,250	16			79	30,211
31	Foundry and machine shop products	77	2,853,181	243,763	456,467	1,021,919	1,131,032	56	120	150,411	1,823	1,125,432
32	Fruits and vegetables, canning and preserving.	7	277,325	28,500	79,500	62,700	106,625	2	18	23,700	206	62,561
33	Fur goods	6	35,275			1,225	34,050	6	1	200	31	13,179
34	Furniture, cabinetmaking, repairing, and upholstering.	85	49,019	1,800	700	9,219	37,300	34	7	7,670	91	50,249
35	Furniture, factory product	4	77,350	3,000	5,150	6,300	62,900	2	7	7,500	51	33,542
36	Gas, illuminating and heating	5	1,778,308	206,000	233,000	1,217,366	116,942		28	27,048	109	54,051
37	Glass, cutting, staining, and ornamenting.	5	26,925			5,100	21,825	3	3	1,145	20	8,900
38	Hairwork	3	953			103	850	3			3	1,250
39	Ice, manufactured	6	664,360	60,721	108,965	465,060	29,614	6	18	21,235	93	53,517
40	Iron and steel	3	2,903,136	69,551	1,072,683	926,518	834,384		92	93,560	1,414	710,742
41	Jewelry	11	36,668			7,040	29,628	9	4	3,915	36	25,315
42	Lead, smelting and refining	8	22,569,715	1,057,264	7,064,040	8,752,414	5,695,997		137	288,119	3,316	2,390,383
43	Lime and cement	8	61,855	31,625	9,780	16,675	775	4	4	4,700	56	28,755
44	Liquors, malt	14	5,682,204	361,700	2,246,102	1,622,500	1,451,902	9	39	78,121	323	266,704
45	Lock and gun smithing	19	17,025	650	1,500	7,875	7,000	26			14	8,486
46	Looking-glass and picture frames	14	22,370			3,270	19,100	12	5	2,000	29	18,290
47	Lumber and timber products	159	972,098	184,136	62,390	377,142	348,430	201	45	38,062	732	331,038
48	Lumber, planing mill products, including sash, doors, and blinds.	32	843,675	224,150	117,375	139,750	362,400	28	44	41,410	433	324,015
49	Marble and stone work	37	395,675	195,500	30,540	47,535	122,100	46	11	12,491	399	270,189
50	Masonry, brick and stone	34	91,150	2,625	4,620	29,280	54,625	42	12	12,980	723	527,186
51	Mattresses and spring beds	8	80,855	5,054	11,000	12,432	52,369	7	8	7,570	70	36,469
52	Millinery, custom work	108	175,341	4,350	11,265	11,564	148,162	120	16	10,998	214	86,346
53	Mineral and soda waters	30	557,068	274,300	126,600	95,960	60,208	28	19	21,753	96	45,871
54	Models and patterns	5	5,900			3,150	2,750	5			14	18,543
55	Monuments and tombstones	17	52,700	18,000	4,050	9,250	26,400	20	2	2,075	29	27,001
56	Optical goods	8	13,150			5,150	8,000	5	1	600	20	11,570
57	Painting, house, sign, etc	100	212,502	6,365	9,085	30,777	166,275	112	36	27,244	483	329,679
58	Paper hanging	10	25,400	1,200	500	2,125	21,575	9	6	1,760	52	30,221
59	Patent medicines and compounds	6	36,046			5,586	30,460	9	22	33,900	32	16,160
60	Paving and paving materials	5	12,900	2,550	1,125	4,575	4,650	4	2	1,920	35	25,943
61	Photography	81	116,005	2,910	9,615	54,725	48,755	89	8	4,706	101	57,578
62	Pickles, preserves, and sauces	7	35,900	3,200	9,800	9,650	13,250	8	9	5,100	32	13,660
63	Plastering and stuccowork	16	7,805	30	20	1,940	5,815	22			45	34,355
64	Plumbing, and gas and steam fitting	108	337,741	12,700	21,550	56,709	246,782	127	28	23,956	443	332,419
65	Pottery, terra cotta, and fire-clay products.	10	855,985	169,559	203,951	130,605	351,870	7	42	59,612	374	215,344
66	Printing and publishing, book and job.	66	814,593	100,000	98,500	323,356	292,737	70	72	77,040	497	308,213
67	Printing and publishing, newspapers and periodicals.	212	1,751,437	51,155	93,070	1,009,797	597,415	186	286	262,974	1,303	770,382
68	Roofing and roofing materials	15	59,020	15,425	9,375	15,820	18,400	14	11	6,760	69	31,707
69	Saddlery and harness	89	372,509	21,935	35,575	36,394	278,605	93	31	25,357	192	121,808
70	Sewing machine repairing	4	875	100	100	325	350	2			3	360
71	Shirts	5	15,600			2,550	13,050	4	3	2,412	51	19,264
72	Slaughtering and meat packing, wholesale.	7	1,262,075	149,800	494,000	83,000	535,275	4	37	51,536	212	139,510
73	Slaughtering, wholesale, not including meat packing.	7	118,443	13,000	15,700	21,000	68,743	3	11	9,360	49	31,234
74	Soap and candles	3	205,154	20,000	40,500	81,179	63,475	2	10	16,674	50	25,762
75	Taxidermy	11	19,080	500	1,800	1,105	15,675	16			9	2,800
76	Tinsmithing, coppersmithing, and sheet-iron working.	106	368,900	22,070	51,775	82,055	213,000	104	22	19,852	266	198,210

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
967	$694,158			1	$125	$397,315	$13,349	$2,293	$16,685	$364,988	$1,406,884	$1,404,982	$1,902	$2,976,201	12
11	5,270	2	$466			1,049	692	27	330		2,565	2,450	115	12,044	13
187	131,685	1	240	3	700	19,917	8,599	3,408	6,960	950	148,606	143,438	5,168	419,304	14
2,687	1,676,500					38,863	21,075	13,772	3,468	548	1,278,299	1,242,409	35,890	3,141,602	15
76	39,148	4	1,180			13,912	2,194	1,267	10,133	318	471,003	463,985	7,018	618,281	16
1	960	2	318	1	100	1,348	1,026	5	317		3,193	2,776	417	11,086	17
564	375,577	105	40,145	4	531	109,942	70,440	2,672	21,994	14,836	501,686	494,278	7,408	1,352,104	18
37	21,250	339	149,996	2	195	19,710	11,798	1,689	6,223		171,772	169,958	1,814	514,404	19
406	226,454					38,446		628	37,818		527,558	523,708	3,850	1,213,561	20
99	60,136	108	30,836	4	575	72,518	26,352	2,578	43,588		315,761	309,881	5,880	628,759	21
410	315,958					11,547		6,878	3,991	678	3,385,113	3,161,492	223,621	3,393,034	22
		1	350			1,026	876	10	140		2,002	2,002		5,620	23
14	8,854	7	3,080			7,164	5,845	95	1,224		7,196	5,908	1,288	57,002	24
56	30,120	27	11,200	1	400	8,027	3,510	470	4,047		51,608	49,782	1,826	121,000	25
22	16,603			1	234	6,624	4,005	200	2,419		43,336	42,976	360	91,075	26
8	3,600					809	650	21	138		3,714	2,898	816	11,860	27
2	1,270	2	200			734	125	27	582		7,730	7,673	57	14,200	28
277	168,608	1	750			131,790	7,362	24,257	100,171		3,842,194	3,794,565	47,629	4,528,062	29
78	29,291	6	1,010			3,349	1,018	358	1,973		33,191	31,587	1,604	84,381	30
1,817	1,123,482	3	1,470	3	480	234,926	21,944	13,538	195,894	3,550	1,647,102	1,554,039	93,063	3,986,915	31
66	37,855	116	19,456	24	5,250	14,598	530	1,694	12,374		223,454	219,573	3,881	343,394	32
8	6,050	23	7,129			5,910	3,590	113	2,207		34,881	34,656	225	68,364	33
89	49,329	2	920			10,061	7,859	340	1,812	50	59,823	58,795	1,028	168,680	34
50	33,117	1	425			9,537	2,660	432	5,845	600	89,946	89,330	616	170,055	35
109	54,051					100,136		27,469	72,667		122,839	105,798	17,041	523,497	36
20	8,900					2,149	1,595	34	520		15,898	15,407	491	37,100	37
		3	1,250			2,199	1,736	13	450		5,375	5,300	75	12,250	38
93	53,517					12,611	150	4,308	8,153		31,446	7,692	23,754	204,029	39
1,399	708,322			15	2,420	262,823		8,438	254,385		3,901,345	3,370,154	531,191	6,108,295	40
36	25,315					6,712	4,180	402	1,830	300	34,161	33,207	954	94,502	41
3,316	2,390,383					154,001		32,269	121,732		33,996,975	32,586,224	1,410,751	40,732,271	42
56	28,755					757		473	284		21,430	6,250	15,180	80,485	43
399	253,114			14	3,650	835,518		30,678	804,526	314	375,893	337,528	38,365	2,042,803	44
13	8,336			1	150	4,694	3,642	219	833		8,461	7,499	962	34,977	45
27	17,890	2	400			5,311	3,637	284	1,390		62,482	62,306	176	107,468	46
720	326,628	11	4,230	1	180	27,322	6,891	8,725	11,306	400	854,454	854,454		1,627,605	47
433	324,015					42,133	4,298	7,436	14,799	15,600	531,198	522,205	8,993	1,065,970	48
399	270,189					9,707	2,833	1,592	5,282		208,498	205,458	3,040	658,009	49
723	527,186					35,047	2,999	642	18,571	12,835	647,450	643,861	3,589	1,355,647	50
48	27,133	22	9,386			5,882	1,202	529	4,151		96,824	94,576	2,248	161,391	51
7	3,060	206	83,034	1	312	48,126	35,775	2,172	10,179		287,197	285,301	1,896	558,718	52
39	44,487	2	562	5	822	15,386	4,663	2,341	8,382		136,316	133,332	2,984	344,413	53
14	13,543					1,233	815	38	380		3,571	2,961	610	27,780	54
29	27,001					3,900	1,208	497	1,786	409	35,640	35,088	552	101,520	55
15	10,400	4	1,020	1	150	9,283	4,570	170	4,543		19,691	19,292	399	60,300	56
476	328,375	1	450	6	854	38,412	21,086	2,052	15,274		276,708	275,465	1,238	854,061	57
51	30,013			1	208	4,194	2,926	202	1,066		25,268	25,187	81	79,095	58
17	9,560	15	6,600			19,509	3,378	254	15,877		50,575	50,136	439	124,348	59
35	25,943					1,459	72	112	1,275		36,889	36,579	310	81,905	60
71	45,956	30	11,622			37,382	22,896	1,397	13,089		88,591	86,857	1,734	304,331	61
19	10,680	13	2,980			2,522	670	227	1,625		27,211	25,636	1,575	64,700	62
45	34,355					1,696	456		616	624	29,419	29,195	224	90,147	63
440	331,854			3	565	46,302	22,117	2,478	19,112	2,595	678,235	674,416	3,819	1,252,080	64
371	214,994	1	350	2	500	23,319	720	3,713	18,886		160,852	126,699	34,153	574,060	65
408	270,305	78	34,816	16	3,092	107,272	23,679	5,837	51,321	26,435	277,200	266,335	10,865	1,036,316	66
1,168	730,362	95	33,884	40	6,136	323,599	53,555	10,475	196,714	62,855	507,899	482,335	25,564	2,525,438	67
69	31,707					7,268	1,628	375	5,265		94,887	93,272	1,615	179,295	68
188	121,028	2	515	2	265	34,940	18,278	3,353	13,309		338,156	335,425	2,731	647,333	69
3	860					327	244	15	68		686	675	11	2,920	70
5	3,900	46	15,364			2,215	1,156	109	950		39,870	39,710	160	73,500	71
210	139,010	2	500			43,965	1,515	5,656	36,794		3,029,085	3,013,098	15,987	3,562,357	72
49	31,234					12,419	2,600	1,269	8,550		692,525	690,124	2,401	781,026	73
45	24,450	5	1,312			14,811	1,386	1,805	12,120		170,087	168,004	2,083	241,544	74
6	2,200	3	600			2,516	1,437	170	909		7,090	6,885	205	27,186	75
256	194,620	8	3,200	2	390	48,758	22,573	3,729	19,156	3,300	435,369	430,006	5,363	887,144	76

TABLE 7.—MANUFACTURES BY

	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.
77	Tobacco, cigars and cigarettes	86	$199,656	$27,550	$27,400	$9,465	$135,241	97	23	$19,980	337	$223,316
78	Trunks and valises	6	19,003	500	1,000	250	17,253	4	1	1,500	23	13,838
79	Typewriter repairing	4	1,185			225	960	2	2	300	3	1,836
80	Watch, clock, and jewelry repairing	140	148,030	14,243	7,486	51,891	74,410	137	10	8,600	129	87,715
81	Wirework, including wire rope and cable.	3	49,210			21,160	28,050	1	8	7,600	31	18,500
82	All other industries[1]	103	3,828,903	729,546	669,288	1,334,849	1,104,220	78	154	195,102	1,438	638,054

[1] Embraces agricultural implements, 1; artificial limbs, 2; baking and yeast powders, 1; bicycles and tricycles, 1; billiard tables and materials, 1; boot and shoe uppers, 2; boots and shoes, factory product, 1; boxes, cigar, 2; boxes, fancy and paper, 2; boxes, wooden packing, 1; brassware, 1; bridges, 1; carpets and rugs, other than rag, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, street railroad, not including operations of railroad companies, 2; charcoal, 1; chemicals, 2; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; cooperage, 1; cordials and sirups, 1; cotton goods, 1; druggists' preparations, not including prescriptions, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; gas machines and meters, 1; glass, 1; gloves and mittens, 1; gold and silver, reducing and refining, not from the ore, 1; grease and tallow, 2; hand stamps, 1; hardware, 1; hats and caps, not including fur hats, and wool hats, 1; ink, printing, 1; ink, writing, 1; instruments, professional and scientific, 2; ironwork, architectural and ornamental, 2; jewelry and

TABLE 8.—MANUFACTURES IN CITIES

DENVER.

1	All industries	1,474	$30,883,046	$2,898,293	$7,924,109	$10,668,624	$9,392,020	1,461	1,139	$1,243,703	10,926	$6,824,003
2	Awnings, tents, and sails	5	72,370			6,786	65,584	5	5	6,040	44	23,666
3	Bicycle and tricycle repairing	69	45,616			27,663	17,953	83	2	1,920	48	28,975
4	Blacksmithing and wheelwrighting	85	104,335	33,800	27,500	14,080	28,955	94	1	1,000	96	75,252
5	Bookbinding and blank book making	4	30,350			11,900	18,450	3	7	3,542	19	11,151
6	Boots and shoes, custom work and repairing.	100	33,029	4,475	7,535	10,970	10,049	101			39	24,612
7	Bottling	7	91,681	8,500	27,616	9,523	46,042	7	7	9,949	39	17,190
8	Brass castings and brass finishing	3	29,500	10,000	9,000	6,500	4,000	2	1	1,500	19	12,000
9	Bread and other bakery products	79	405,292	29,425	53,300	187,020	135,547	76	59	44,027	311	162,968
10	Brick and tile	20	295,250	91,500	32,415	79,510	91,825	22	7	9,000	208	128,099
11	Brooms and brushes	4	23,300			10,000	13,300	2	11	3,000	38	16,730
12	Carpentering	59	150,703	3,850	3,300	20,460	123,093	71	3	2,150	335	244,749
13	Carpets, rag	5	2,769	200	100	1,480	989	5			13	5,736
14	Carriages and wagons	16	114,081	27,200	27,600	7,300	51,981	18	4	3,100	79	56,272
15	Cars and general shop construction and repairs by steam railroad companies.	5	905,147	165,000	247,000	318,468	174,679		69	66,015	1,006	622,551
16	Clothing, men's, custom work and repairing.	100	220,631	3,300	2,500	13,879	200,952	107	16	14,845	448	266,527
17	Clothing, women's, dressmaking	36	650,745	353,200	152,800	25,740	119,005	37	13	27,500	353	150,578
18	Confectionery	23	197,477	15,000	15,500	30,305	136,672	22	52	29,569	128	54,513
19	Dyeing and cleaning	18	5,240			3,400	1,840	24			13	5,860
20	Electrical apparatus and supplies	4	77,000			50,000	27,000	3	6	6,000	84	41,720
21	Electrical construction and repairs	4	6,475			2,925	3,550	4	1	500	11	8,840
22	Electroplating	3	3,000			2,400	600	3			6	3,000
23	Flouring and grist mill products	5	631,600	115,000	135,000	152,500	229,100		25	26,320	98	53,782
24	Food preparations	7	26,240	10,250	6,800	4,160	5,030	9			67	24,085
25	Foundry and machine shop products	45	1,916,622	173,524	286,050	717,199	739,849	33	83	114,149	1,169	722,330
26	Fur goods	4	25,225			725	24,500	4	1	200	25	11,300
27	Furniture, cabinetmaking, repairing, and upholstering.	23	34,870	1,800	700	6,165	26,205	22	6	6,820	74	39,753
28	Furniture, factory product	3	56,850	3,000	5,150	5,800	42,900	2	5	5,500	48	30,842
29	Glass, cutting, staining, and ornamenting.	5	26,925			5,100	21,825	3	3	1,145	20	8,900
30	Hairwork	3	958			103	850	3			3	1,250
31	Jewelry	10	36,168			6,540	29,628	8	4	3,915	36	25,315
32	Liquors, malt	4	4,953,859	823,000	1,945,000	1,435,000	1,250,859	3	21	49,600	206	167,722
33	Lock and gun smithing	11	11,270	650	1,500	4,370	4,750	16			12	7,430
34	Looking-glass and picture frames	11	20,520			2,820	17,700	9	5	2,000	27	16,790
35	Lumber, planing mill products, including sash, doors, and blinds.	10	648,700	199,000	100,200	78,400	271,100	6	25	30,790	301	221,760
36	Marble and stone work	21	204,015	110,000	17,340	35,035	41,640	27	5	8,500	266	213,364
37	Masonry, brick and stone	15	72,735	1,500	3,000	24,035	44,200	19	12	12,980	563	392,278
38	Mattresses and spring beds	5	62,657	5,054	11,000	9,536	37,067	6	4	4,300	56	27,474
39	Millinery, custom work	35	68,022			7,057	60,965	38	7	5,948	104	49,132
40	Mineral and soda waters	6	38,300			29,400	8,900	5	11	8,404	32	16,247
41	Models and patterns	5	5,900			3,150	2,750	5			14	13,543
42	Monuments and tombstones	13	41,800	11,000	2,950	8,450	19,400	16	1	1,200	24	23,231
43	Optical goods	7	10,750			4,750	6,000	4	1	600	19	11,420
44	Painting, house, sign, etc	57	80,480	2,650	1,850	15,585	60,395	60	18	16,592	246	155,660
45	Paper hanging	7	16,325			1,750	14,575	7	2	760	44	25,914
46	Patent medicines and compounds	6	36,046			5,586	30,460	9	22	33,900	32	16,160
47	Photography	28	37,310		200	20,475	16,635	31	6	4,166	64	36,269
48	Pickles, preserves, and sauces	7	35,900	3,200	9,800	9,650	13,250	8	9	5,100	32	13,660
49	Plumbing, and gas and steam fitting	59	120,244	2,550	3,200	23,744	85,750	64	16	15,072	215	142,666
50	Pottery, terra cotta, and fire-clay products.	5	278,590	55,200	37,440	37,150	148,800	6	21	26,692	79	37,385
51	Printing and publishing, book and job	52	604,486	70,000	38,500	262,613	233,373	58	56	59,274	390	251,561

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.										
290	$203,274	39	$18,864	8	$1,178	$72,523	$11,716	$1,814	$57,558	$1,435	$234,094	$232,688	$1,406	$679,947	77
23	13,838					5,732	1,386	84	4,262		10,661	10,600	61	41,721	78
3	1,836					777	520	22	235		1,380	1,360	20	5,082	79
126	86,579	3	1,136			37,279	24,605	2,186	9,988	500	82,169	79,957	2,212	318,745	80
31	18,500					8,950	1,920	360	6,670		54,480	53,280	1,200	98,200	81
1,038	509,558	337	111,713	63	16,783	259,841	37,446	21,364	200,631	400	2,000,755	1,908,522	92,233	3,581,652	82

instrument cases, 1; kaolin and other earth grinding, 2; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; leather goods, 1; lithographing and engraving, 2; millinery and lace goods, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paints, 2; paper and wood pulp, 2; perfumery and cosmetics, 1; petroleum, refining, 2; photographic materials, 2; photolithographing and photo-engraving, 1; plumbers' supplies, 1; printing materials, 1; refrigerators, 2; regalia and society banners and emblems, 1; scales and balances, 2; show cases, 1; smelting and refining, not from the ore, 1; sporting goods, 2; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; sugar and molasses, beet, 1; surgical appliances, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; umbrellas and canes, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; wool scouring, 1.

BY SPECIFIED INDUSTRIES: 1900.

DENVER.

9,561	$6,330,903	1,275	$474,249	90	$18,851	$2,409,785	$435,196	$142,420	$1,527,371	$304,798	$24,572,199	$23,806,530	$765,669	$41,368,698	1
15	12,604	29	11,062			6,558	3,960	301	2,297		126,977	126,469	508	178,097	2
47	28,755			1	220	19,646	15,919	314	3,413		67,741	65,772	1,969	174,042	3
96	75,252					14,818	10,476	975	2,942	455	83,061	78,782	4,279	269,411	4
7	6,634	9	3,967	3	550	1,747	1,190	32	525		15,910	15,720	190	38,100	5
39	24,612					12,837	11,018	263	1,556		40,759	39,576	1,183	125,181	6
38	16,930			1	260	16,741	404	1,853	14,484		115,756	114,924	832	203,285	7
19	12,090					1,463	720	190	553		38,325	36,945	1,380	64,900	8
207	129,911	103	32,729	1	328	71,049	25,292	3,012	42,745		596,343	577,407	18,936	1,132,127	9
206	127,659			2	440	22,370	9,867	1,161	11,342		40,617	9,391	31,226	262,456	10
36	16,230	1	400	1	100	2,401	1,150	176	1,075		22,095	21,450	645	49,120	11
335	244,749					202,271	8,094	497	6,592	187,088	474,001	473,728	273	1,122,315	12
11	5,270	2	466			750	500	27	223		2,093	2,030	63	10,706	13
77	55,772			2	500	7,488	3,460	792	2,686	550	47,716	46,438	1,278	146,894	14
1,006	622,551					28,195	21,000	5,850	797	548	578,623	564,838	13,785	1,295,384	15
387	243,928	59	22,224	2	875	65,565	41,640	1,406	14,703	7,816	301,286	298,463	2,823	807,006	16
36	21,250	316	129,183	1	145	15,290	7,792	1,605	5,893		163,337	162,123	1,214	456,455	17
59	33,608	68	20,760	1	145	35,948	15,836	1,567	18,545		200,163	197,350	2,813	391,807	18
7	3,380	6	2,480			4,944	4,001	90	853		5,908	5,107	801	38,762	19
56	30,120	27	11,200	1	400	8,027	3,510	470	4,047		51,608	49,782	1,826	121,000	20
11	8,840					2,070	1,145	40	885		11,332	11,240	92	29,000	21
6	3,000					775	650	15	110		3,248	2,532	716	10,760	22
97	53,032	1	750			34,039	500	7,341	26,198		1,461,040	1,448,906	12,134	1,701,658	23
61	23,075	6	1,010			2,894	718	358	1,818		28,604	27,224	1,380	69,735	24
1,164	720,530	8	1,470	2	330	171,539	16,787	8,398	143,154	3,200	1,061,920	1,002,416	59,504	2,362,802	25
6	5,300	19	6,000			3,973	2,260	113	1,600		27,185	27,000	185	56,200	26
74	39,753					7,601	6,161	198	1,242		46,027	45,195	832	126,740	27
47	30,417	1	425			4,887	2,360	182	2,345		59,346	58,730	616	122,555	28
20	8,900					2,149	1,595	34	520		15,898	15,407	491	37,100	29
		8	1,250			2,199	1,736	13	450		5,375	5,300	75	12,250	30
36	25,315					6,580	4,060	402	1,818	300	33,511	32,557	954	92,802	31
197	165,072			9	2,650	620,570		22,703	597,867		224,617	201,456	23,161	1,439,956	32
11	7,280			1	150	3,110	2,366	126	618		5,489	4,724	765	23,187	33
25	16,390	2	400			4,986	3,410	246	1,330		59,380	59,240	140	100,798	34
301	221,760					31,070	1,215	4,805	10,350	14,700	377,622	372,489	5,133	734,082	35
266	213,364					5,156	742	1,199	3,215		185,143	182,321	2,822	524,350	36
563	392,278					19,276	1,885	466	16,925		502,099	498,510	3,589	1,002,350	37
38	19,981	18	7,493			4,116	312	379	3,425		68,218	66,064	2,154	120,267	38
5	2,500	99	46,632			24,396	19,173	524	4,699		105,738	104,970	768	242,744	39
29	15,757	1	250	2	240	4,921	2,646	345	1,930		30,868	30,202	666	91,146	40
14	13,548					1,233	815	38	380		3,571	2,961	610	27,780	41
24	23,231					3,275	850	372	1,644	409	28,382	27,850	532	83,370	42
15	10,400	4	1,020			8,405	4,150	150	4,105		18,014	17,640	374	55,800	43
240	154,806			6	854	20,333	11,503	756	8,074		125,668	125,124	544	397,056	44
43	25,706			1	208	3,503	2,426	177	900		19,788	19,743	45	64,295	45
17	9,560	15	6,600			19,509	3,378	254	15,877		50,675	50,186	489	124,348	46
45	28,635	19	7,634			23,026	14,307	656	8,063		49,846	49,445	401	156,390	47
19	10,680	13	2,980			2,522	670	227	1,625		27,211	25,636	1,575	64,700	48
214	142,401			1	265	25,395	12,997	796	9,382	2,220	313,352	311,757	1,595	537,217	49
77	36,885	1	350	1	150	6,990	720	1,625	4,645		14,984	10,281	4,703	89,150	50
827	221,077	54	28,644	9	1,840	92,676	19,253	8,511	45,977	23,935	183,266	174,168	9,098	808,895	51

TABLE 8.—MANUFACTURES IN CITIES

DENVER—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.
52	Printing and publishing, newspapers and periodicals.	65	$878,270	$30,000	$38,320	$504,604	$305,346	50	193	$189,291	649	$430,419
53	Roofing and roofing materials	13	57,720	15,300	8,850	15,420	18,150	13	11	6,760	67	31,107
54	Saddlery and harness	22	149,186	8,000	11,500	13,339	116,347	19	20	15,525	83	53,291
55	Shirts	5	15,600			2,550	13,050	4	3	2,412	51	19,264
56	Slaughtering, wholesale, not including meat packing.	5	68,843	8,000	4,700	18,000	38,143	2	9	6,960	40	25,274
57	Soap and candles	3	205,154	20,000	40,500	81,179	63,475	2	10	16,674	50	25,762
58	Tinsmithing, coppersmithing, and sheet-iron working.	40	205,437	12,875	24,350	39,013	129,199	41	14	13,300	164	103,158
59	Tobacco, cigars and cigarettes	38	123,935	18,950	19,150	4,925	80,910	38	22	19,200	238	162,335
60	Trunks and valises	5	16,600	500	1,000	200	14,900	4	1	1,500	21	12,638
61	Typewriter repairing	4	1,185			225	960	2	2	300	3	1,836
62	Watch, clock, and jewelry repairing	46	48,350	1,143	886	21,668	24,653	42	8	1,320	73	44,150
63	Wirework, including wire rope and cable.	3	49,210			21,160	28,050	1	8	7,600	31	18,500
64	All other industries[1]	107	15,496,203	950,697	4,563,007	6,184,184	3,798,315	73	210	289,277	1,853	1,178,057

[1] Embraces artificial limbs, 2; baking and yeast powders, 1; billiard tables and materials, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, cigar, 2; boxes, fancy and paper, 2; boxes, wooden packing, 1; brassware, 1; carpets and rugs, other than rag, 1; carriage and wagon materials, 2; cars, street railroad, not including operations of railroad companies, 2; cheese, butter, and condensed milk, factory product, 2; chemicals, 2; china decorating, 2; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; coke, 1; cooperage, 1; cordials and sirups, 1; corsets, 2; druggists' preparations, not including prescriptions, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; gas machines and meters, 1; gloves and mittens, 1; gold and silver, reducing and refining, not from the ore, 1; hand stamps, 1; hardware, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 2; ink, printing, 1; ink, writing, 1; instruments, professional and scientific, 2; iron and steel, 1; ironwork, architectural and

PUEBLO.

1	All industries	241	$12,374,248	$751,427	$3,806,645	$3,877,615	$3,935,561	217	320	$370,428	4,911	$3,044,280
2	Bicycle and tricycle repairing	7	11,802			3,272	8,530	6	4	3,720	12	6,301
3	Blacksmithing and wheelwrighting	13	7,335	500	825	2,310	3,700	18			8	5,622
4	Boots and shoes, custom work and repairing.	15	2,852			1,587	1,265	15			4	2,313
5	Bottling	4	106,200	4,650	94,700	2,000	4,850	1	5	4,300	11	7,250
6	Bread and other bakery products	12	23,000	6,750	8,850	3,915	3,485	13	1	384	31	17,537
7	Brick and tile	3	7,700	300	1,700	2,200	3,500	2	1	900	17	6,804
8	Carpentering	17	23,553	6,500	6,600	6,053	4,400	18			92	54,622
9	Carriages and wagons	5	63,290	11,000	15,000	9,950	27,340	4	6	6,860	30	18,334
10	Cars and general shop construction and repairs by steam railroad companies.	4	143,822	47,350	62,435	10,732	23,305		14	14,785	338	208,448
11	Clothing, men's, custom work and repairing.	15	18,154	2,500	1,600	2,182	11,872	16	2	2,400	30	20,285
12	Confectionery	6	104,814	3,500	1,500	47,976	51,838	5	21	18,379	61	22,171
13	Foundry and machine shop products	7	529,246	24,329	85,001	168,380	251,533	3	17	11,584	441	251,860
14	Furniture, cabinetmaking, repairing, and upholstering.	4	4,195			1,095	3,100	3			6	4,329
15	Lead, smelting and refining	3	6,971,757	456,447	2,188,673	2,249,546	2,077,091		65	121,553	1,529	1,134,343
16	Masonry, brick and stone	8	3,700			3,700		9			92	78,873
17	Millinery, custom work	10	18,615			815	17,800	10	4	2,350	32	11,522
18	Painting, house, sign, etc	4	38,800			2,800	36,000	5	9	5,620	57	42,384
19	Photography	4	8,100			3,300	4,800	4			9	5,563
20	Plastering and stuccowork	6	1,025			825	200	9			20	15,025
21	Plumbing, and gas and steam fitting	8	36,184			3,010	33,174	7	8	5,380	61	45,359
22	Printing and publishing, book and job.	4	24,000			18,700	5,300	4	3	3,520	21	11,354
23	Printing and publishing, newspapers and periodicals.	11	131,009	8,800	20,000	44,249	57,960	9	5	7,280	90	43,763
24	Saddlery and harness	6	50,192			5,467	44,725	6	4	4,932	49	31,940
25	Tinsmithing, coppersmithing, and sheet-iron working.	7	18,775			6,925	11,850	7	4	4,452	14	13,443
26	Tobacco, cigars and cigarettes	4	13,530	4,250	3,000	555	5,725	6			12	7,686
27	Watch, clock, and jewelry repairing	12	10,915	2,000	1,200	4,680	3,035	9	2	2,344	11	6,412
28	All other industries[1]	42	4,001,683	175,551	1,315,558	1,271,391	1,239,183	28	145	150,185	1,833	970,817

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boot and shoe uppers, 1; brass castings and brass finishing, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 1; china decorating, 1; clothing, women's, dressmaking, 1; corsets, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; flavoring extracts, 1; flouring and grist mill products, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas, illuminating and heating, 1; ice, manufactured, 1; iron and steel, 2; liquors, malt, 1; lock and gun smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	610	$6,186,110	$409,343	$1,258,966	$2,475,229	$2,042,572	666	224	$206,090	3,276	$2,161,217
2	Aspen	53	104,675	3,050	14,265	35,075	52,285	50	3	1,073	68	41,939
3	Colorado Springs[1]	159	1,446,189	187,621	121,713	619,223	517,632	180	109	71,719	822	489,337
4	Cripple Creek	127	342,256	34,200	46,925	82,700	178,431	137	34	31,370	400	336,591
5	Leadville	115	3,632,766	117,328	953,808	1,580,884	980,746	119	49	75,468	1,376	854,095
6	Trinidad	87	481,451	35,469	105,322	115,629	225,031	101	22	20,672	329	202,422
7	Victor	69	178,773	31,675	16,933	41,718	88,447	79	7	5,788	281	244,833

[1] Population 21,085, but not considered a manufacturing city, and therefore presented by totals only.

BY SPECIFIED INDUSTRIES: 1900—Continued.

DENVER—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
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.	Value of products, including custom work and repairing.	
Average number.	Wages	Average number.	Wages.	Average number.	Wages.										
592	$407,331	44	$20,615	13	$2,473	$206,880	$26,945	$3,736	$118,157	$58,042	$316,798	$305,223	$11,575	$1,519,777	52
67	31,107					7,197	1,628	364	5,205		94,130	92,535	1,595	177,094	53
82	53,091			1	200	12,439	6,482	984	4,973		163,879	162,959	920	282,008	54
5	3,900	46	15,364			2,215	1,156	109	950		39,870	39,710	160	73,500	55
40	25,274					7,689	1,400	739	5,550		592,960	590,989	1,971	665,023	56
45	24,450	5	1,312			14,811	1,386	1,305	12,120		170,087	168,004	2,083	241,544	57
154	99,568	8	3,200	2	390	31,077	11,870	1,765	14,142	3,300	259,612	256,940	2,672	503,841	58
205	146,465	31	15,650	2	220	46,363	4,541	863	39,524	1,435	155,887	155,282	605	475,494	59
21	12,638					3,592	786	69	2,737		10,101	10,055	46	37,921	60
3	1,836					777	520	22	235		1,380	1,360	20	5,082	61
71	43,374	2	776			14,693	9,779	728	3,786	400	36,354	35,637	717	136,605	62
31	18,500					8,950	1,920	360	6,670		54,480	53,280	1,200	98,200	63
1,569	1,102,686	260	69,953	24	5,418	351,790	40,164	54,316	256,880	400	14,557,025	14,037,037	519,988	18,956,078	64

ornamental, 1; jewelry and instrument cases, 1; lamps and reflectors, 2; lead, bar, pipe, and sheet, 1; lead, smelting and refining, 2; leather goods, 1; lithographing and engraving, 2; millinery and lace goods, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paints, 2; paper and wood pulp, 1; paving and paving materials, 2; perfumery and cosmetics, 1; photographic materials, 2; photolithographing and photoengraving, 1; plastering and stuccowork, 2; plumbers' supplies, 1; printing materials, 1; refrigerators, 2; regalia and society banners and emblems, 1; scales and balances, 2; sewing machine repairing, 1; show cases, 1; slaughtering and meat packing, wholesale, 2; sporting goods, 1; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; surgical appliances, 2; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; umbrellas and canes, 1; vinegar and cider, 1; washing machines and clothes wringers, 1.

PUEBLO.

4,756	$3,000,093	127	$39,667	28	$4,520	$577,501	$46,480	$34,232	$430,926	$65,863	$22,589,669	$21,448,078	$1,141,591	$30,795,481	1
12	6,301					3,116	2,272	100	744		12,852	12,383	469	33,125	2
7	5,466			1	156	2,634	1,858	73	103		7,564	7,108	456	33,645	3
4	2,343					2,106	1,939	31	136		7,128	7,034	94	20,727	4
10	7,000			1	250	690		17	673		26,043	25,805	238	43,638	5
26	16,292	5	1,245			7,208	2,602	709	3,897		52,167	50,352	1,815	90,989	6
17	6,804					852	450	44	358		4,657	1,447	3,210	15,600	7
92	54,622					66,261	655	148	1,658	63,800	99,923	99,816	107	257,788	8
30	18,334					3,238	886	852	1,500		20,303	19,840	463	57,784	9
338	208,448					1,405		1,167	238		162,884	159,924	2,960	387,522	10
19	15,157	10	4,922	1	156	4,220	3,069	252	899		20,499	20,208	291	58,714	11
25	14,984	34	7,032	2	155	27,907	3,660	685	23,562		70,273	68,727	1,546	135,598	12
441	251,860					36,501	1,260	1,808	33,433		413,532	393,622	19,910	1,183,903	13
6	4,329					750	450	60	190	50	6,004	5,949	55	16,276	14
1,529	1,134,343					33,555		9,824	23,731		16,440,397	15,884,282	556,115	19,829,549	15
92	78,873					3,185	1,030		1,355	800	67,507	67,507		177,659	16
		32	11,522			5,517	4,257	385	875		32,998	32,871	127	66,250	17
57	42,384					5,000	1,806	608	2,586		32,181	32,125	56	109,141	18
7	4,783	2	720			2,080	1,260	63	757		5,448	5,267	181	22,905	19
20	15,025					1,070			446	624	13,805	13,720	85	39,164	20
59	45,059			2	300	3,736	1,633	131	1,972		54,608	54,078	530	134,050	21
20	10,854	1	500			2,241	1,692	146	403		13,359	12,846	513	42,100	22
80	40,716	7	2,335	3	712	20,823	1,750	1,038	17,446	589	32,318	31,010	1,308	137,281	23
47	31,485	1	390	1	65	6,984	2,692	537	3,755		65,265	64,842	423	119,263	24
14	13,443					1,553	1,125	178	250		33,824	33,550	274	68,287	25
12	7,686					1,835	100	89	1,646		8,390	8,274	116	20,200	26
11	6,412					2,396	1,989	52	355		5,859	5,794	65	24,232	27
1,781	957,090	35	11,001	17	2,726	331,238	8,045	15,235	307,958		4,879,881	4,329,697	550,184	7,670,091	28

marble and stone work, 2; mattresses and spring beds, 2; mineral and soda waters, 1; monuments and tombstones, 1; optical goods, 1; paper hanging, 1; paving and paving materials, 2; pottery, terra cotta, and fire-clay products, 1; sewing machine repairing, 1; slaughtering and meat packing, wholesale, 2; trunks and valises, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

3,089	$2,108,125	158	$56,505	29	$4,587	$524,770	$116,965	$30,880	$243,130	$133,795	$7,366,651	$6,937,383	$429,268	$11,503,788	1
54	36,801	14	5,138			12,663	5,848	1,653	5,162		87,084	83,656	3,428	206,447	2
748	467,995	57	18,427	17	2,915	202,039	39,952	11,172	86,091	64,824	798,527	776,215	22,312	1,840,642	3
352	320,329	44	15,574	4	688	64,471	28,879	4,209	20,403	10,980	714,016	703,012	11,004	1,417,846	4
1,352	843,705	20	10,030	4	860	94,829	23,159	8,009	63,111	550	5,061,979	4,681,667	380,312	6,436,680	5
308	197,164	18	4,806	3	452	79,961	11,232	4,574	57,914	6,241	238,212	230,311	7,901	679,649	6
275	242,131	5	2,530	1	172	70,807	7,895	1,263	10,449	51,200	466,833	462,522	4,311	922,524	7

CONNECTICUT.

Table 1 shows the manufacturing and mechanical industries of the state of Connecticut 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	9,128	6,822	4,488	5,128	3,019	3,737	33.8	52.0	[1]12.5	69.9	[1]19.2
Capital	$314,696,736	$227,004,496	$120,486,275	$95,281,278	$45,590,430	$25,876,648	38.6	88.4	26.4	109.0	76.2
Salaried officials, clerks, etc., number	9,981	[2]9,425	(3)	(3)	(3)	(3)	5.9	------	------	------	------
Salaries	$12,286,050	[2]$9,525,289	(3)	(3)	(3)	(3)	29.0	------	------	------	------
Wage-earners, average number	176,694	140,514	112,015	89,523	64,469	50,731	25.7	24.4	26.1	38.9	27.1
Total wages	$82,767,725	$66,465,317	$43,501,518	$33,987,187	$19,026,196	$12,435,984	24.5	52.8	11.6	104.9	53.0
Men, 16 years and over	130,610	101,318	75,619	61,684	44,002	34,248	28.9	34.0	22.6	40.2	28.5
Wages	$69,227,497	$55,223,278	(3)	(3)	(3)	(3)	25.4	------	------	------	------
Women, 16 years and over	42,605	36,111	28,851	20,810	20,467	16,483	18.0	25.2	38.6	1.7	24.2
Wages	$12,873,190	$10,697,893	(3)	(3)	(3)	(3)	20.3	------	------	------	------
Children, under 16 years	3,479	3,085	8,445	7,029	(3)	(3)	12.8	[1]63.5	20.1	------	------
Wages	$667,038	$544,151	(3)	(3)	(3)	(3)	22.6	------	------	------	------
Miscellaneous expenses	$23,089,806	$15,399,101	(4)	(4)	(4)	(4)	49.9	------	------	------	------
Cost of materials used	$185,641,219	$123,183,080	$102,183,341	$86,419,579	$40,909,090	$23,608,971	50.7	20.6	18.2	111.2	73.3
Value of products, including custom work and repairing	$352,824,106	$248,336,364	$185,697,211	$161,065,474	$81,924,555	$47,114,585	42.1	33.7	15.3	96.6	73.9
Total population	908,420	746,258	622,700	537,454	460,147	370,792	21.7	19.8	15.9	16.8	24.1
Wage-earners engaged in manufactures	176,694	140,514	112,015	89,523	64,469	50,731	25.7	24.4	26.1	38.9	27.1
Per cent of total population	19.5	18.8	18.1	16.7	14.0	13.7	------	------	------	------	------
Assessed value of real estate	$486,787,973	$261,451,666	$228,791,267	$204,110,509	$191,478,842	$96,412,947	86.2	14.3	12.1	6.6	98.6
Value of land and buildings invested in manufactures[5]	$66,872,050	$49,277,118	(3)	(3)	(3)	(3)	35.7	------	------	------	------
Per cent of assessed value	13.7	18.8	------	------	------	------	------	------	------	------	------

[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] Does not include the value of rented property.

Table 1 discloses the steady growth of the manufacturing industries of Connecticut which has led to the characterization of the state as the "Lancashire of New England."

The total population of the state in 1850 was 370,792, and in 1900, 908,420, an increase in the fifty years of 537,628, or 145 per cent. The average number of wage-earners employed in manufacturing establishments has increased from 50,731 in 1850 to 176,694 in 1900, an increase of 125,963, or 248.3 per cent, and embraced in the latter year 19.5 per cent of the total population, as compared with 13.7 per cent in 1850. The greatest number of wage-earners engaged in manufactures at any one time during the year was 212,865, or 23.4 per cent of the total population, and this percentage is a more accurate indication of the proportion so employed.

The period of greatest increase during the half century covered by Table 1 was that between 1860 and 1870. The period of greatest absolute increase, $104,487,742, in value of products, was during the decade ending with 1900, although the greatest percentage of increase, 96.6 per cent, is shown for the decade 1860 to 1870. The increase in products from 1850 to 1860 was 73.9 per cent; from 1860 to 1870, 96.6 per cent; from 1870 to 1880, 15.3 per cent; from 1880 to 1890, 33.7 per cent; and from 1890 to 1900, 42.1 per cent.

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, 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.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	10,115	$315,146,811	10,399	177,094	$82,820,750	$23,133,960	$185,737,287	$32,930,602	$144,978,814	$7,832,871	$353,171,480
Hand trades[1]	4,690	10,316,973	5,066	14,931	8,311,715	3,517,607	12,755,083	197,252	12,215,254	342,577	31,429,844
Governmental establishment	1	19,498	--------	61	22,132	8,554	2,366	----------	1,486	880	39,494
Eleemosynary and penal institutions	9	31,050	1	295	13,148	2,160	10,515	4,800	4,880	835	33,261
Establishments with a product of less than $500	977	399,527	1,017	44	17,745	33,440	83,187	5,686	77,454	47	274,619
All other establishments	4,498	304,379,763	4,315	161,763	74,456,010	19,572,199	172,886,136	32,722,864	132,674,740	7,488,532	321,394,262

[1] Includes bicycle and tricycle repairing, 197; blacksmithing and wheelwrighting, 795; boots and shoes, custom work and repairing, 594; carpentering, 547; clothing, men's, custom work and repairing, 431; clothing, women's, dressmaking, 389; dyeing and cleaning, 29; furniture, cabinetmaking, repairing, and upholstering, 123; lock and gun smithing, 27; masonry, brick and stone, 233; millinery, custom work, 237; painting, house, sign, etc., 423; paper hanging, 25; plastering and stuccowork, 13; plumbing, and gas and steam fitting, 334; sewing machine repairing, 3; taxidermy, 1; typewriter repairing, 1; watch, clock, and jewelry repairing, 228.

Of the 10,115 establishments of all classes, shown in this table, 5,607, or 55.4 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 $31,704,463, or 9 per cent of the total products of the state.

In addition to the 10,115 active establishments in the state during the census year, with a capital of $315,146,811, shown in Table 2, there were 56 idle establishments, with a capital of $1,582,519, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	1	$10,025	Paper and wood pulp	2	$60,000
Brassware	1	7,000	Paper goods, not elsewhere specified	1	150,000
Brass castings and brass finishing	3	321,770	Paving and paving materials	2	17,600
Brick and tile	5	11,300	Plated and britannia ware	1	25,000
Clocks	2	17,300	Pottery, terra cotta, and fire-clay products	1	20,000
Flouring and grist mill products	3	11,550	Shipbuilding, iron and steel	1	500,000
Foundry and machine shop products	1	85,188	Silk and silk goods	1	20,300
House furnishing goods	1	28,540	Silverware	1	30,000
Iron and steel	3	139,111	Woolen goods	4	49,800
Needles and pins	1	40,000	All other	21	38,035

Comparative statistics for the 17 leading industries in Connecticut are presented in Table 3.

TABLE 3.—COMPARATIVE SUMMARY OF SEVENTEEN LEADING INDUSTRIES.

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.
Total for selected industries for state	1900	993	$201,903,756	110,346	$49,880,799	$11,512,569	$112,710,165	$205,734,909
	1890	949	151,197,907	89,154	40,011,864	9,848,339	69,903,660	141,281,406
Increase, 1890 to 1900	--------	44	50,705,849	21,192	9,868,935	1,664,230	42,806,505	64,453,503
Per cent of increase	--------	4.6	33.5	23.8	24.7	16.9	61.2	45.6
Per cent of total of all industries in state	1900	10.9	64.2	62.5	60.3	49.9	60.7	58.3
	1890	13.9	66.6	63.4	60.2	64.0	56.7	58.9
Ammunition	1900	5	4,780,388	4,134	2,193,270	919,039	5,200,307	9,823,712
	1890	4	1,438,820	1,443	668,406	205,505	820,252	3,838,774
Brass manufactures: Total	1900	58	25,274,862	12,652	6,698,955	1,333,028	36,185,970	48,526,868
	1890	53	21,025,683	10,636	5,196,384	1,410,427	12,826,536	22,309,894
Brass and copper, rolled	1900	11	11,900,134	5,308	2,858,013	610,164	24,133,559	29,787,282
	1890	5	4,767,896	1,600	782,023	163,570	2,605,631	4,169,938
Brass castings and brass finishing	1900	26	7,164,071	4,221	2,221,333	367,656	5,770,875	9,470,427
	1890	25	7,109,461	3,327	1,683,267	536,761	4,237,287	7,428,011
Brassware	1900	21	6,210,657	3,123	1,619,609	355,208	6,281,536	9,269,159
	1890	23	9,148,326	5,709	2,731,094	710,096	5,983,668	10,711,945
Carriages and wagons	1900	117	5,010,816	2,192	1,298,096	161,571	1,532,351	4,205,723
	1890	181	3,093,997	1,904	1,273,222	152,497	1,491,518	3,598,944
Clocks	1900	10	5,065,682	3,929	1,907,568	240,804	1,825,425	4,545,047
	1890	9	4,485,429	2,777	1,373,629	200,499	1,087,327	3,117,186
Corsets	1900	24	2,978,598	5,755	1,796,198	268,492	3,179,304	6,846,964
	1890	18	3,982,271	4,868	1,692,751	548,681	3,089,618	6,274,867
Cutlery and edge tools	1900	44	5,855,752	4,077	2,087,198	335,952	1,904,968	5,362,620
	1890	48	3,448,818	2,162	1,158,407	241,842	956,608	2,895,390

TABLE 3.—COMPARATIVE SUMMARY OF SEVENTEEN 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.
Electrical apparatus and supplies	1900	17	$2,513,812	961	$405,604	$222,400	$1,973,715	$3,167,842
	1890	5	631,182	157	81,547	32,841	390,171	628,602
Foundry and machine shop products	1900	260	23,020,068	12,646	6,948,309	1,097,036	6,683,689	18,991,079
	1890	193	13,523,724	8,643	5,031,488	951,626	4,874,852	13,314,156
Fur hats (also hats and caps, not including fur hats and wool hats)	1900	73	3,292,146	5,265	2,565,299	407,450	3,992,328	8,098,072
	1890	50	2,542,892	6,065	3,107,265	846,981	3,084,118	7,527,017
Hardware	1900	63	21,694,351	12,056	5,664,046	1,333,779	6,576,620	16,301,198
	1890	70	13,453,539	8,108	3,977,952	1,501,598	4,407,986	11,995,023
Iron and steel	1900	8	4,986,147	1,828	959,825	198,067	2,348,411	4,318,431
	1890	13	2,189,521	649	362,405	96,123	1,324,078	2,037,618
Needles and pins	1900	13	2,250,021	1,238	533,293	177,503	708,323	1,761,806
	1890	13	1,030,573	660	271,426	42,525	257,278	737,396
Paper and wood pulp	1900	49	3,968,152	1,425	683,413	279,962	1,982,080	3,565,021
	1890	42	3,920,916	1,393	625,522	302,592	2,014,680	3,556,257
Plated and britannia ware	1900	26	13,067,209	4,491	2,293,017	582,635	4,679,220	9,538,397
	1890	21	9,916,866	4,159	2,071,598	762,568	3,391,944	7,569,920
Rubber and elastic goods	1900	22	6,094,867	3,006	1,136,162	452,293	5,697,899	8,246,240
	1890	16	2,300,590	2,245	869,877	108,115	2,093,148	3,476,398
Sewing machines and attachments	1900	7	5,216,570	2,104	1,176,622	265,786	966,567	3,170,137
	1890	5	4,174,710	1,294	697,654	142,030	542,385	1,646,184
Textiles: Total	1900	197	66,834,315	32,587	11,583,934	3,236,772	27,272,988	49,265,752
	1890	208	60,038,346	31,991	11,552,331	2,801,894	27,251,161	46,757,780
Cotton goods (including cotton small wares)	1900	57	27,367,538	13,205	4,397,024	1,288,809	7,538,538	15,500,842
	1890	65	26,431,578	13,220	4,239,546	954,637	8,215,751	15,409,476
Dyeing and finishing textiles	1900	5	3,243,744	1,300	578,756	216,075	907,377	2,269,967
	1890	5	775,352	477	237,102	77,336	300,360	715,888
Hosiery and knit goods	1900	25	6,149,338	3,243	1,131,078	205,658	2,202,640	4,043,977
	1890	27	4,822,911	3,059	967,301	197,422	2,029,921	3,771,567
Shoddy	1900	7	494,074	118	44,163	33,601	362,438	537,733
	1890	7	395,336	166	72,545	26,099	442,852	648,060
Silk and silk goods	1900	38	12,166,775	6,514	2,392,873	637,450	7,198,008	12,378,931
	1890	35	9,037,042	4,964	1,847,531	270,426	6,201,876	9,788,951
Woolen goods	1900	51	9,140,066	4,668	1,760,917	473,106	4,951,162	8,097,218
	1890	55	10,188,042	5,069	1,881,019	614,561	5,753,095	9,082,493
Worsted goods	1900	10	5,054,659	2,198	846,901	310,267	2,971,926	4,539,814
	1890	10	5,263,201	2,234	833,271	405,369	2,814,186	4,651,402
All other textiles (carpets and rugs, other than rag; felt goods)	1900	4	3,218,121	1,341	432,222	71,806	1,140,899	1,897,220
	1890	4	3,124,884	2,802	1,474,016	256,044	1,493,120	2,690,448

The state of Connecticut comprises 4,845 square miles of land, 145 square miles of water, and a sea coast 100 miles in length on Long Island Sound. In area it ranks forty-third among the states of the Union (but two, Rhode Island and Delaware, are smaller), and in order of population it is twenty-ninth.

The preeminence of the state in manufacturing is due in part to its excellent communication by rail and water with all parts of the country; to its geographical location, by which it can handle a large export trade; to its water-power; to its plentiful supplies of labor and capital, the former gathered easily in the great centers of the East, and the latter coming to it not alone from its profitable manufactures but also from its large insurance and banking interests; and to its joint-stock laws.

Alexander Johnston, in his "Connecticut," becomes enthusiastic over the progress of the commonwealth. By looking out for himself, the Connecticut Yankee had, before the close of the last century, developed household industries, working day and night, making nails or anything that would sell. This application, continued through generations, took the place of the present-day technical schools. This has developed in recent years the modern mechanic out of the Connecticut agriculturist and transformed the commonwealth into a great industrial community. As early as 1716, nail mills were established, and there was a surplus of product for exportation. Connecticut's iron mines in the town of Salisbury furnished iron for the cannon for the Continental Army and the chains that barred the Hudson River to the enemy. "Lack of coal as fuel," the historian writes, "might weigh heavily against the value of their iron mines, but the ingenuity of the workmen was a possession that could not be taken away." These men "scoured the world for materials and passed them through the crucible of Connecticut ingenuity." But the joint-stock act of 1837 contributed greatly to the state's prosperity. Its principle of permitting small sums to be capitalized in manufacture, has been copied by almost every state in the Union and by Great Britain, the effect upon the "industrial development of the whole modern world" being "quite beyond calculation."[1]

In Connecticut more industries are secured by patents than in any other state.[2] For many years the state has led

[1] Connecticut, Alexander Johnston, page 328 et seq.
[2] History of Connecticut, E. B. Sanford, page 291.

the country in number of patents issued in proportion to population; in 1890 it was 1 patent to every 796 persons; in 1900, 1 to every 1,203.

Connecticut has been widely known as the manufacturing center for Yankee notions. The Census Office classifications, being necessarily general, can not show the great variety of these wares. They are found largely in such classifications as brassware, foundry and machine shop products, fancy articles not elsewhere specified, etc. The manufacturing statistics of the country are assigned to numerous classifications according to their products of chief value; of these Connecticut is accredited with about 70 per cent.

The patents granted to the inventors of one city in Connecticut show a small percentage of an infinitude of small wares, such as bottle-top handles, shot-pouch chargers, lamp holders, bread toasters, scissors sharpeners, machines for sticking pins in paper (which helped Connecticut to undersell other markets), picture nails, carpet fasteners, clothes-dryers, necktie fasteners, eyelets, napkin holders, utensils for mixing liquids, perforated music sheets, washing machines, drawer pullers, and church-pew headrests.

The Yankee peddler was developed by the manufacture of tinware, clocks, and other small wares, and Connecticut became the land of Yankee notions and Brother Jonathan. Tinware was first manufactured in Connecticut, in Berlin, about 1770.[1] In 1795 Mark Leavenworth began the manufacture of axes, steelyards, ramrods, bayonets, and other small articles of steel. In 1801 he journeyed to Georgia with axes and steelyards, exciting much wonder.[2]

Eli Terry, one of the founders of the clock manufacture, received pay for a clock in salt pork, which he carried home in his saddlebags. Chauncey Jerome, another of the founders, went to surrounding towns with clocks to sell. He would take one under each arm and go from house to house.[3] In 1800, Gideon Roberts used to take three or four clocks at a time to New York state to sell. "I have seen him many times, when a small boy, pass my father's house on horseback with a clock in each of his saddlebags, and a third lashed on behind the saddle with the dials in plain sight."[3]

Eli Terry obtained his knowledge of clocks from Thomas Harland, who came to Norwich from London, England, in 1773. Mr. Terry was a native of East Windsor, now South Windsor, where he made his first clock, with wooden wheels, in 1792. He moved to Plymouth in 1793, invented the pillar-scroll and case clock in 1814, and made a fortune. A village in Plymouth is now named in his honor, and in the town of Thomaston, which was set off from Plymouth, a large clock factory still flourishes, established by Seth Thomas about the year 1808. The industry has since been started in Waterbury, Winsted, Litchfield, and Bristol. In all these places, except Litchfield, the business has remained, and increased to large proportions. Chauncey Jerome, who was an apprentice of Mr. Terry at Plymouth, left him to make brass shelf clocks in Bristol. In 1837 he revolutionized the industry by using brass wheels, and in 1844 he removed to New Haven, where the New Haven Clock Company's works founded by him still exist.

New Haven produced the inventor of the process of vulcanizing india-rubber, Charles Goodyear. His father was an inventor, having a shop at Naugatuck, while he himself made iron forks for agricultural use and started a hardware store in Philadelphia. As no method of hardening rubber had yet been discovered, rubber shoes melted in summer and remained sticky and odorous in winter. Nathanial Hayward, of Woburn, Mass., who, in 1850, started the Hayward Rubber Works at Colchester, Conn., had discovered a method of hardening the surface of the gum by adding powdered sulphur. He assigned this patent to Goodyear, who, one cold winter's night, while with his family around the stove, accidentally dropped a bit of the gum on the red-hot iron. It vulcanized. He nailed it to the outside of the house until morning, and found it perfectly elastic. Thus was established the principle on which the rubber goods of the world are made. His first patent was secured in 1844; he secured more than fifty in all; won many medals at foreign exhibitions, and received the ribbon of the Legion of Honor from the Emperor of France. Upon his license were founded the large factories at Naugatuck. New Haven has a large plant.

Eli Whitney, the inventor of the cotton-gin, was one of the earliest makers of firearms. He began at Whitneyville, just outside of New Haven, early in the century. He took up the system of interchangeable parts for guns, and by close personal supervision executed contracts which had caused the failure of other contractors. In 1814 Colonel North made pistols in Middletown.[4]

In 1829 Samuel Colt, of Hartford, while on a voyage to Calcutta, devised a six-barreled revolver to be used with percussion caps. In 1835 he perfected a six-barreled rotating breech, and Lieutenant-Colonel Harney used this arm in 1837 in fighting the Indians. Then came the Mexican War and the California gold craze. Colonel Colt built factories at Hartford costing half a million dollars. In 1858 he was turning out 60,000 revolvers a year. They were used by the English in the Crimea and by Garibaldi in Italy.[5] The Spencer rifle, and the Sharp rifle were made also in Connecticut prior to 1861. The Winchester rifle is made at New Haven in large quantities. The Gatling gun is made at the Colt works at Hartford, and ordnance of improved type is made at Bridgeport and Derby.

The fourth of the colonies to engage in the silk culture was Connecticut. This was about 1732. It was almost the only colony to follow it to any notable extent. Mulberry

[1] History of Connecticut, page 295, note.
[2] Town and City of Waterbury, edited by Joseph Anderson, D. D. Vol. II, pages 263 and 264.
[3] American Clock Business, by Chauncey Jerome, page 38 et seq.
[4] Tenth Census of United States, 1880, Manufactures, page 618.
[5] Industrial History of the United States, A. S. Bolles, page 255 et seq.

trees, the leaves of which furnished food for the silk worm, were planted at New Haven and Mansfield. In 1763 President Stiles, who afterwards wore a commencement gown of domestic silk, secured the passage of a law by which the colony paid a bounty for the planting of trees and the raising of raw silk. A half ounce of mulberry seed was sent to every town for distribution, but Mansfield was the only place where silk raising became a fixed industry. In 1758 Dr. Aspinwall founded a factory there.[1] Eastern Connecticut was the principal center of the raw-silk industry during the first quarter of the last century. In 1810 the counties of New London, Tolland, and Windham produced raw silk and sewing silk to the value of $28,503. In 1814 the Hanks mill was started at Mansfield. In 1827–8 the Mansfield Silk Company was established. In 1835 the Connecticut Silk Manufacturing Company was founded at Hartford, but closed after three years.[2] Silk mills were afterwards located at Windsor Locks and Warehouse Point. In 1838 the Cheney Brothers started in South Manchester, where they still operate one of the largest silk mills in the country.

Elias Howe, jr., the inventor of the sewing machine, early gave his name to a factory at Bridgeport. In 1850 a patent for a different style of machine was issued to Allen B. Wilson. The Wilson machines were first made at Watertown, but in 1856 the factories were removed to Bridgeport, where they are yet in active operation.[3]

The brass manufactures of Connecticut in Waterbury were built up by the metal-button business, which led to brass making on a large scale. Brass was made in that city before 1749 by John Allyn, as is shown by the inventory of his goods. Hammered brass kettles and brass wire were first made in the United States here or in this vicinity. Prior to 1835 all the pins used in the United States were imported. Twenty years earlier a few pins were made, but were not commercially successful. In order to afford a market for brass wire, automatic machines for the manufacture of pins were brought into use about 1841, the trade being controlled by Waterbury and Birmingham (now Derby). Hooks and eyes were also made. The first Waterbury watch, made by hand, was exhibited January 9, 1878. Since then it has been much improved, and millions have been manufactured.[4]

About the year 1804 a cotton mill was established at Vernon, Hartford county, followed in 1806 by a large mill at Pomfret. According to an official report made to Congress in 1810, Connecticut had at the close of the previous year, 4 mills, excluding 2 then building.[5]

The present large cotton factories had their beginnings after the war of 1812. A mill was built at Jewett City, in 1810, and in 1823 it was bought by Samuel and John Slater, of Rhode Island. It is still in the hands of that family. In 1825 John Slater bought a mill at Hopeville, on the Pauchaug River. In 1848 Henry and Robert Lippitt bought the Tiffany mill at Danielsonville, and organized the Quinebaug Company. The cotton mills of the state are clustered on the streams that flow into the Thames at Norwich. In Norwich, Thompson, Putnam, Plainfield, Killingly, and Windham are located more than seven-tenths of all the cotton spindles in Connecticut. The great mill at Baltic has been rebuilt by the Ponemah Company, which has large mills on both sides of the Shetucket River, four miles from Norwich, where are made the finest percales and lawns for printing. The large mills at Grosvenor Dale in the town of Thompson were built by John Mason, but in 1845 passed into the possession of Dr. William Grosvenor. The Willimantic Linen Company, at Windham, is in a sense the parent of the great cotton-thread producing corporations of New England.[6]

The first woolen factory in New England was organized at Hartford in 1788. Small mills sprang up here and there, and in 1812 a mill belonging to Aaron Buckland, at Buckland, near Hartford, made blankets for the soldiers. In 1803 Col. David Humphreys bought a privilege in what is now Seymour, imported Merino sheep, and in 1806 built a mill, and founded the New England factory village. In 1812 the Middletown Woolen Manufacturing Company was the first to use steam power.[7] It made thirty to forty yards daily of cloth worth nine or ten dollars per yard. The largest modern woolen mills are at Rockville, town of Vernon, at Stafford Springs, town of Stafford, in Tolland county; and at Broad Brook, Hartford county. In Connecticut worsteds for men's wear were first made in 1869 at one of the mills in Rockville.

The process of electro-silver plating was invented in Hartford about the year 1846 by the Rogers Brothers—Asa H., William, and Simeon S. A company was formed in 1851.[8] From this small beginning sprang the plants in Waterbury, Meriden, and other places.

Norwich claims the first paper mill in Connecticut, established in 1768. In 1776 there was a paper mill at East Hartford. In 1860 the Pacific Mills at Windsor Locks and the Chelsea Mills at Norwich were among the largest establishments of the kind in the world. Fourdrinier machines were first made in the United States at Windham, in 1830.[9]

Hats were first made in Danbury, by Zadoc Benedict, in 1780. He made 3 per day. Patents were taken out for improving the manufacture as early as 1808, and in 1831 Stephen Hurlburt, of Glastonbury, secured a patent for the hardening of hats upon a cone.[9] From these small beginnings Danbury's product reached nearly eight millions of dollars in 1900.

The first axe shop in the country is said to have been

[1] History of Connecticut, page 295, note.
[2] Industrial History of the United States, page 430 et seq.
[3] The New England States, Vol. II, pages 967 and 968.
[4] Town and City of Waterbury, Vol. II, page 262 et seq.
[5] Eighth Census of the United States, Manufactures, Introduction, page 16 et seq.
[6] The New England States, Vol. I, page 162 et seq.
[7] Ibid., page 195 et seq.
[8] Ibid., Vol. II, page 832.
[9] Eighth Census of the United States, Manufactures, Introduction, page 121 et seq.

started by Samuel W. and D. C. Collins of Hartford who, in 1826, operated a little trip-hammer shop making 8 axes per day. They afterwards moved to Collinsville.

During the last ten years, automobiles of many kinds have been invented and manufactured, the statistics being included in the classification for carriages and wagons. The bicycle manufacture has risen with innumerable inventions.

A large steel shipbuilding plant is in active operation at Eastern Point, Groton, opposite New London, on one of the best harbors in the country. Just above Norwich, a compressed-air plant—said to be the first of its peculiar kind in the United States—has been hollowed out of the rock on the Quinebaug River, with water as the compressor.

The increase in the value of products during the decade from 1890 to 1900 in a number of the leading industries, was: Ammunition, 155.9 per cent; bells, 206.7 per cent; buttons, 17.2 per cent; brass manufactures, 117.5 per cent; carriages and wagons, 16.9 per cent; clocks, 45.8 per cent; corsets, 9.1 per cent; cutlery and edge tools, 85.2 per cent; envelopes, 75.7 per cent; firearms, 31.9 per cent; foundry and machine shop products, 42.6 per cent; fur hats (included in hats and caps in 1890), 7.6 per cent; hardware, 35.9 per cent; hardware, saddlery, 49.7 per cent; hosiery and knit goods, 7.2 per cent; ironwork, architectural and ornamental, 82.4 per cent; musical instruments, pianos and materials, 109 per cent; needles and pins, 138.9 per cent; plated and britannia ware, 26 per cent; rubber and elastic goods, 137.2 per cent; sewing machines and attachments, 92.6 per cent; silk and silk goods, 26.5 per cent; stamped ware, 1,206.6 per cent; and typewriters and supplies, 63.1 per cent.

Connecticut is one of the chief centers of the textile industry, and occupies the same rank as a textile manufacturing state as it did in 1890, with a product in 1900 valued at $49,265,752, being exceeded only by Massachusetts, Pennsylvania, New York, Rhode Island, and New Jersey. In the cotton manufacture in Connecticut there were, in 1900, 1,001,474 active spindles, an increase from 934,155 spindles in 1890; and 19,550 looms, an increase from 18,933 looms in 1890. The value of the products of its cotton mills was $15,500,842, substantially the same as in 1890, but in the dyeing and finishing of textiles, the value of products was $2,269,967, an increase of 217.3 per cent over $715,388 reported in 1890. In the wool manufacture 222,640 spindles were employed in 1900, contrasted with 184,914 spindles in 1890; and 3,616 looms as compared with 3,640 looms in 1890. The total value of the product of the wool industry was $22,618,867, compared with $17,072,398 in 1890; but the returns of 1900 include the product of the fur hat manufacture, valued at $7,546,882, which was not included in the same classification in 1890. The wool hat manufacture, which was once quite large in Connecticut, has been superseded in that state by the fur hat manufacture. The hosiery and knit goods manufacture of the state shows increase, the number of knitting machines employed increasing from 1,195 in 1890 to 2,672 in 1900, and the value of the product increasing from $3,771,567 to $4,043,977. The silk manufacture shows a product of $12,378,981, an increase from $9,788,951 in 1890, or 26.5 per cent.

The aggregate value of the textile products of the state for 1900, eliminating the products of the fur hat manufacture, was $49,265,752, an increase from $46,757,780, or 5.4 per cent, showing that Connecticut is more than holding her own in this important branch of her industries.

Out of a total of 9,128 establishments in the state, (as shown by Table 1), 4,153, or 45.5 per cent, were established during the decade. The increase in the total number of establishments since 1890 was only 33.8 per cent, so that the percentage of new plants was much greater than the percentage of total increase. Of the 4,153 established during the decade, 139, or 1.5 per cent of the 9,128, were founded in the census year. The largest number of these new establishments naturally appeared in the small industries or in the hand trades—boots and shoes, custom work and repairing, leading with 417 establishments. The new foundries and machine shops numbered 92; the fur hat establishments, 31; hardware, 17; bicycles and tricycles, 16; brass manufactures, 15; corsets, 13; silk and silk goods, 10; ship and boat building, wooden, 10; cutlery and edge tools, 9; woolen goods, 9; cotton goods, 9; tools, not elsewhere specified, 8; hosiery and knit goods, 5, firearms, 3; worsted goods, 3; and ammunition, 2. This is notable as disclosing an enlargement in number in the leading manufacturing industries of the state.

URBAN MANUFACTURES.

There were 61 cities and towns in Connecticut in which the manufacturing and mechanical industries were considered of sufficient importance to justify their withdrawal from the enumerators, and the appointment of special agents to collect the statistics. The manufacturing establishments located within the corporate limits of such places are considered "urban manufactures."

The presentation of statistics in detail is restricted to those cities having a population of 20,000 or over. There were 6 cities, namely, Bridgeport, Hartford, Meriden, New Britain, New Haven, and Waterbury, falling within this requirement.

The statistics of Bridgeport, Hartford, Meriden, New Haven, and Waterbury were published separately at the census of 1890, and Table 4 is a comparative summary, presenting the totals for each of the 5 cities, together with the per cent of increase during the decade, and also the per cent that the totals for these 5 cities formed of the total for the entire state at the two censuses. New Britain was not separately reported at the census of 1890 and its growth, therefore, can not be shown.

TABLE 4.—COMPARATIVE SUMMARY, BRIDGEPORT, HARTFORD, MERIDEN, NEW HAVEN, AND WATERBURY, 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	9,128	$314,696,736	176,694	$82,767,725	$23,089,806	$185,641,219	$352,824,106
	1890	6,822	227,004,496	140,514	66,465,317	15,399,101	123,183,080	248,336,364
Per cent of increase		33.8	38.6	25.7	24.5	49.9	50.7	42.1
Bridgeport	1900	832	33,066,890	19,301	9,123,790	2,564,392	19,133,236	37,883,721
	1890	559	19,786,572	12,116	6,381,103	1,442,378	10,428,987	22,274,635
Per cent of increase		48.8	67.1	59.3	43.0	77.8	83.5	70.1
Hartford	1900	888	30,500,047	13,363	7,603,809	3,375,585	14,103,167	31,145,715
	1890	513	14,126,282	8,311	4,829,428	886,428	7,964,936	17,164,318
Per cent of increase		73.1	115.9	60.8	57.4	280.8	77.1	81.5
Meriden	1900	260	16,699,004	7,531	3,702,240	1,085,142	5,861,612	13,485,640
	1890	238	13,712,146	7,301	3,763,984	1,460,571	4,900,594	11,962,172
Per cent of increase		9.2	21.8	3.2	[1] 1.6	[1] 25.7	19.6	12.7
New Haven	1900	1,236	30,463,066	20,536	10,016,571	3,181,004	18,493,593	40,762,015
	1890	1,129	19,592,384	15,906	8,185,876	2,696,245	14,400,638	33,396,311
Per cent of increase		9.5	55.5	29.1	22.4	18.0	28.4	22.1
Waterbury	1900	404	23,421,640	14,914	7,564,198	1,664,050	19,821,401	33,778,905
	1890	219	17,682,500	9,810	4,984,868	1,155,301	8,715,921	17,712,829
Per cent of increase		84.5	32.5	51.6	51.7	44.0	127.4	90.7
Total for 5 cities	1900	3,620	134,150,647	75,645	38,010,608	11,870,173	77,413,009	157,055,996
	1890	2,658	84,899,884	53,474	28,145,259	7,640,926	46,411,076	102,510,265
Per cent of increase		36.2	58.0	41.5	35.1	55.3	66.8	53.2
Per cent of 5 cities to total for state	1900	39.7	42.6	42.8	45.9	51.4	41.7	44.5
	1890	39.0	37.4	38.1	42.3	49.6	37.7	41.3

[1] Decrease.

The town of Norwich contains a population of 24,637 but the city included therein has a population of only 17,251, and therefore only the totals for all industries in the city are shown.

Of the 6 cities having a population of 20,000 and over (shown by specified industries in Table 8), New Haven ranks first in value of its products, as it did in 1890. The total value for 1900 was $40,762,015 or 11.6 per cent of the products of the state, as compared with 13.4 per cent in 1890. New Haven has long been the leading manufacturing center of the state. It made nearly one-half of the ammunition in the state in 1900. Under this classification is included a great part of its firearms manufacture, for many firearms are made by the factory producing the ammunition. Both values are large, but the value of the ammunition output is the larger. In reality New Haven leads the state in both firearms and ammunition. New Haven also has a large wholesale slaughtering and meat packing product. Hardware furnishes 5.4 per cent of the city's products; corsets, 4.6 per cent; foundry and machine shop products, 4.2 per cent; fancy and paper boxes, 2.1 per cent; and repair shops of the railroads of the state, which largely center here, 3.9 per cent. The carriage and wagon industry, which was extensive in years past, now constitutes only 3.4 per cent of the city's total output. Other industries of much importance in New Haven are, rubber boots and shoes, rubber and elastic goods, clocks, the manufacture of starch and of iron and steel.

Bridgeport's rank is second as in 1890, with products valued at $37,883,721, or 10.7 per cent of the total for the state; its per cent in 1890 was 9. Selecting some of the industries, it appears that brass castings and brass finishing constituted 10.9 per cent of the city's products in 1900; corsets, 8.5 per cent; foundry and machine shop products, 6.4 per cent; rubber and elastic goods, 1.7 per cent; and hardware, 1.7 per cent.

Waterbury retains third place, with $33,778,905, or 9.6 per cent of the products of the state; its per cent in 1890 was 7.1. This city is the great brass manufacturing center of the country. Its products of brassware constitute 24.2 per cent; brass castings and brass finishing, 15 per cent; foundry and machine shop products, 2.9 per cent; and buttons, 1.9 per cent of its total products. Waterbury makes 56.8 per cent of the stamped ware of the state. Other leading industries are lamps and reflectors; clocks; brass and copper, rolled; needles and pins; watches; plated and britannia ware; hardware; and hosiery and knit goods.

Hartford, the great insurance center of the country, has developed into a manufacturing city. It ranks fourth, with products of $31,145,715, or 8.8 per cent of the total for the state; in 1890 its per cent was 6.9. Among its leading industries are the manufacture of bicycles, the products of which in 1900 amounted to 7.9 per cent of its total products; carriages and wagons, including automobiles, 6.2 per cent; and foundry and machine shop products, 11.9 per cent. The city has a large product in rubber and elastic goods, envelopes, horseshoe nails, plated and britannia ware, and machine screws.

Meriden remains fifth of these cities, with $13,485,640, or 3.8 per cent of the value of the products of the state; its per cent in 1890 was 4.8. It returns the manufacture of 43.3 per cent of the plated and britannia ware of the state. This industry accounts for 30.6 per cent of the city's products; hardware, 12 per cent; cutlery and edge tools, 3 per cent; and foundry and machine shop products, 2.2 per cent. Gas and lamp fixtures, lamps and reflectors, window shades, musical instruments, pianos and materials,

woolen goods, and house furnishing goods are other important industries.

New Britain, the great hardware center, is sixth in rank, with $12,260,782, or 3.5 per cent of the value of the products of the state. Hardware forms 47.3 per cent of the city's products; foundry and machine shop products, 5.5 per cent. A large proportion of the cutlery and edge tools, hosiery and knit goods, stamped ware, and saddlery hardware is made here.

These 6 cities are the centers of Connecticut's manufactures; their population aggregated 355,026, or 39.1 per cent of the population of the state in 1900, and the average number of employees in their manufacturing establishments was 84,083, or 47.6 per cent of the total number in the state. Of the total wages paid these received $41,851,725, or 50.6 per cent, and the value of their products amounted to $169,316,778, or 48 per cent of the total for the state. They employed $148,266,257, or 47.1 per cent of the capital invested, and had 3,846, or 42.1 per cent of the number of establishments.

In order to show the extent of the concentration of the manufactures, the totals for the 61 cities and towns withdrawn from the enumerators are given in Table 5. This table also places the totals for the cities and towns in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in products and in population.

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	9,128	$314,696,736	9,381	176,694	$82,767,725	$23,089,806	$185,611,219	$352,824,106	-------	100.0	908,420	-------	100.0
Total for urban manufactures	7,975	289,099,474	8,211	161,744	76,288,022	21,260,484	171,982,296	325,981,131	-------	92.4*	750,785	-------	82.6
Ansonia	94	6,309,281	83	3,407	1,769,361	348,682	15,051,022	18,736,179	5	5.3	12,681	13	1.4
Berlin	30	1,915,065	25	996	500,530	70,972	1,242,414	2,222,134	27	0.6	3,448	47	0.4
Bethel	47	437,800	54	780	383,252	70,201	592,921	1,229,651	40	0.3	3,327	50	0.4
Branford	40	802,721	37	908	426,952	40,871	239,507	917,147	47	0.3	5,706	33	0.6
Bridgeport	832	33,066,890	839	19,301	9,123,790	2,564,392	19,133,236	37,883,721	2	10.7	70,996	3	7.8
Bristol	143	3,764,528	135	2,476	1,188,943	207,650	2,224,314	4,364,097	19	1.2	9,643	19	1.1
Brooklyn	17	1,404,043	13	725	226,824	38,895	351,198	756,235	52	0.2	2,358	60	0.3
Danbury	283	3,636,619	344	4,296	2,017,155	406,556	3,542,000	7,215,555	11	2.0	19,474	9	2.1
Derby	84	4,328,442	79	2,311	1,116,078	302,878	1,304,256	3,456,561	21	1.0	7,230	23	0.9
East Haddam	27	390,850	27	337	104,754	73,616	209,940	482,649	57	0.1	2,485	58	0.3
East Hartford	56	866,125	57	439	212,424	82,460	475,047	923,769	45	0.3	6,406	30	0.7
East Windsor	26	751,474	24	361	158,775	224,571	541,571	1,016,216	43	0.3	3,158	53	0.3
Enfield	40	4,022,477	41	1,459	579,853	100,058	1,139,636	2,090,609	30	0.6	6,699	28	0.7
Fairfield	42	221,548	47	130	71,727	49,276	319,911	538,225	55	0.2	4,489	38	0.5
Farmington	38	554,437	39	553	226,135	54,409	352,143	802,867	50	0.2	3,331	49	0.4
Glastonbury	42	1,388,950	41	662	302,944	215,514	698,970	1,523,464	37	0.4	4,260	40	0.5
Greenwich	74	1,453,496	76	915	408,556	91,999	764,776	1,541,933	36	0.4	12,172	15	1.3
Griswold	30	2,175,383	30	813	329,266	123,772	505,748	1,173,969	41	0.3	3,490	46	0.4
Groton	16	59,070	20	94	55,820	6,032	88,731	197,106	61	0.1	5,962	31	0.7
Guilford	41	247,715	47	182	89,545	7,561	119,083	293,400	60	0.1	2,785	57	0.3
Hamden	25	801,581	25	494	204,010	35,611	373,190	757,239	51	0.2	4,626	37	0.5
Hartford	888	30,500,047	950	13,363	7,603,809	3,375,585	14,103,167	31,145,715	4	8.8	79,850	2	8.8
Huntington	64	3,121,834	63	1,622	701,333	219,959	2,267,661	3,917,477	20	1.1	5,572	34	0.6
Killingly	74	2,174,445	70	1,263	441,633	131,734	811,679	1,705,997	33	0.5	6,835	27	0.8
Manchester	93	7,330,806	98	3,118	1,370,656	194,812	3,084,627	5,939,943	12	1.7	10,601	16	1.2
Meriden	260	16,699,004	262	7,531	3,702,240	1,085,142	5,861,612	13,485,640	6	3.8	24,296	7	2.7
Middletown	188	5,100,485	203	2,916	1,199,713	237,601	2,636,493	4,825,649	17	1.4	17,486	12	1.9
Milford	49	365,464	45	325	137,326	15,447	244,282	502,036	56	0.1	3,783	43	0.4
Montville	27	1,229,620	29	655	215,810	50,514	788,588	1,252,067	39	0.4	2,395	59	0.3
Naugatuck	75	6,673,684	67	3,297	1,665,944	323,834	6,152,981	9,126,199	9	2.6	10,541	17	1.2
New Britain	226	14,115,610	232	8,438	3,841,117	956,848	5,074,396	12,260,782	7	3.5	25,998	5	2.9
New Hartford	27	870,874	24	1,006	289,244	37,237	626,927	1,089,322	42	0.3	3,424	48	0.4
New Haven	1,236	30,463,066	1,269	20,536	10,016,571	3,181,004	18,493,593	40,762,015	1	11.6	108,027	1	11.9
New London	298	4,522,003	261	2,658	1,196,218	501,879	2,804,536	5,569,615	13	1.6	17,548	11	1.9
New Milford	58	783,294	67	526	253,231	62,530	412,697	907,907	48	0.3	4,804	36	0.5
Newtown	29	449,505	29	312	146,122	23,737	597,998	878,610	49	0.2	3,276	52	0.4
Norwalk	247	4,129,841	265	3,172	1,586,509	296,075	2,261,195	5,097,720	16	1.4	19,932	8	2.2
Norwich	273	8,566,437	287	4,411	1,983,600	619,238	4,321,078	8,388,343	10	2.4	24,637	6	2.7
Orange	52	1,017,066	52	531	252,425	58,522	1,542,471	2,168,435	29	0.6	6,995	26	0.8
Plainfield	51	2,713,962	55	1,205	424,147	42,665	989,813	1,641,078	35	0.5	4,821	35	0.5
Plainville	35	399,775	33	337	136,815	17,664	232,533	460,471	59	0.1	2,189	61	0.2
Portland	28	463,585	28	497	184,561	9,822	322,432	594,397	53	0.2	3,856	42	0.4
Preston	19	650,847	24	264	96,487	38,256	288,890	477,428	58	0.1	2,807	56	0.3
Putnam	93	2,019,685	91	1,631	537,087	122,376	1,097,136	1,928,803	32	0.5	7,348	25	0.8
Seymour	35	2,148,123	32	833	439,908	45,071	2,092,580	2,947,463	24	0.8	3,541	45	0.4
Southington	65	2,783,709	55	1,415	627,604	112,884	797,102	1,994,564	31	0.6	5,890	32	0.6
Stafford	75	2,061,474	78	1,061	399,876	105,606	1,847,143	2,177,535	28	0.6	4,297	39	0.5
Stamford	185	5,189,195	208	2,811	1,432,540	464,452	2,059,725	4,743,704	18	1.3	18,839	10	2.0
Stonington	118	3,733,679	130	1,967	902,740	344,536	1,312,285	3,231,423	23	0.9	8,540	21	0.9
Thomaston	23	1,778,944	21	1,154	545,479	95,997	1,486,133	2,371,481	26	0.7	3,300	51	0.4
Thompson	19	4,511,383	19	1,766	575,567	62,236	928,432	1,645,476	34	0.5	6,442	29	0.7
Torrington	108	6,544,511	112	3,522	1,704,291	409,102	6,687,684	10,017,121	8	2.8	12,453	14	1.4
Vernon	123	5,743,445	122	2,449	928,886	419,062	3,245,493	5,499,418	14	1.6	8,483	22	0.9
Wallingford	73	5,382,134	63	2,270	1,160,551	268,756	2,813,410	5,238,280	15	1.5	9,001	20	1.0
Waterbury	404	23,421,640	332	14,914	7,564,198	1,664,050	19,821,401	33,778,905	3	9.6	45,859	4	5.0
Watertown	37	536,524	39	501	166,340	15,801	629,538	936,266	44	0.3	3,100	54	0.3
Westport	35	343,948	31	225	101,788	32,129	281,493	556,668	54	0.2	4,017	41	0.4
Winchester	133	2,971,429	136	1,746	753,192	169,955	1,529,704	2,923,822	25	0.8	7,763	21	0.9
Windham	114	5,856,194	122	2,514	948,011	209,638	1,520,562	3,486,033	22	1.0	10,137	18	1.1
Windsor	40	1,016,549	39	482	227,127	35,448	508,427	921,829	46	0.3	3,614	44	0.4
Windsor Locks	37	2,117,159	35	831	331,402	87,298	681,785	1,311,768	38	0.4	3,062	55	0.3
Total for state exclusive of urban manufactures	1,153	25,597,262	1,170	14,950	6,479,703	1,829,322	13,658,923	26,842,975	-------	7.6	157,635	-------	17.4
Percent of urban manufactures to total for state	87.4	91.9	87.5	91.5	92.2	92.1	92.6	92.4	-------	-------	82.6	-------	-------

It appears from Table 5 that practically all of the manufacturing establishments of the state were located within the limits of the 61 cities and towns withdrawn from the enumerators and assigned to special agents. The urban manufactures constituted 87.4 per cent of the establishments of the state, used 91.9 per cent of the capital, employed 91.5 per cent of the wage-earners, paid 92.2 per cent of the wages, and produced 92.4 per cent of the products.

Of the withdrawn cities and towns, 24 having a population of less than 20,000 (see Table 9), show a product of over $2,000,000 each, and may be considered in the order of their rank in this regard.

The city of Ansonia, first in rank, reports products valued at $18,736,179, or 52.8 per cent more than those of the city of New Britain, the value of whose products is $12,260,782, and 38.9 per cent greater than those of the city of Meriden, the value of whose products is $13,485,640. It has fewer wage-earners than either of these cities, but its products consist largely of brass and copper, which greatly increases the total as compared with the miscellaneous products of the two other cities. Its proportion of the state's population is 1.4 per cent, but its proportion of the products is 5.3 per cent. Ansonia is located on the Naugatuck River just above its junction with the Housatonic. It is interesting to consider this city in connection with the city of Derby just below it, and the town of Huntington, which for manufacturing purposes is almost wholly the borough of Shelton and Derby's twin locality. Both Derby and Shelton are at the junction of the Housatonic and Naugatuck rivers and have ample water and railroad connections with important markets. This trio had a population of 26,183, or 2.9 per cent of that of the state, and they produced goods to the value of $26,110,217, or 7.4 per cent of the manufactures of the state. This proportion is greater by 0.1 per cent than the manufactures of Meriden and New Britain, although these cities exceeded the Ansonia trio in proportion of population by 2.6 per cent.

Torrington ranks second, and that prominence also is largely due to its brass and copper industry, although it has other important manufactures. Torrington and Waterbury were early centers of the brass industry, which continued up the Naugatuck Valley, where plenty of water-power was to be found.

Naugatuck is third in rank. This town is on the Naugatuck River and is one of the principal seats of the rubber goods industry, New Haven and Bridgeport being the others.

Norwich, a thriving town in the eastern part of the state, is fourth. Its principal industry is that of cotton goods, but a variety of foundry and machine shop products are also among its manufactures. Near the city, at Taftville, are the great Ponemah mills, and not far above that Jewett City, where one of the early acquired Slater mills is located. The Baltic cotton mills are also near.

The town of Danbury, in Fairfield county, is fifth in rank. The principal industry is the making of fur hats, which began late in the eighteenth century and has engaged the attention of a growing population ever since.

Manchester, in Hartford county, not far from the city of Hartford, sixth in rank, is the great broad-silk center of the state, although sewing and other silk is made in quantities in New London, Bridgeport, and Vernon, and among the hills and valleys of Tolland and Windham counties.

The city of New London, in the southeastern part of the state, is seventh. It has large silk mills, a woolen mill, foundry and machine shops, and a large biscuit factory, and is engaged in other manufacturing.

Vernon, in Tolland county, in which town is the city of Rockville, is eighth. This town is the great center of woolen and worsted goods, and has been such for many years. Besides woolen and worsted goods for men's wear, sewing silk is made in large quantities, and envelopes and paper.

Wallingford, in New Haven county, within easy reach of New Haven, is ninth in rank. It has for its chief industry the making of plated and britannia ware.

The town of Norwalk, in Fairfield county, close to New York, and directly on the Sound, is the tenth. It claims the distinction of having two cities within its borders. It is one of the centers for the manufacture of fur hats, and also has a large business in foundry and machine shop products, boots and shoes, felt goods, woolen goods, and the manufacture of paper.

The town of Middletown, in Middlesex county, ranks eleventh. The principal industries are cotton goods, silk goods, woolens, rubber and elastic goods, and plated and britannia ware.

The town of Stamford, in Fairfield county, is twelfth. Its chief manufacture is of hardware, including locks and keys of a special pattern that are widely known. It also manufactures dye stuffs and extracts, shirts, and foundry and machine shop products.

The thirteenth in rank in this group is the town of Bristol, in Hartford county. The chief industries are clock making, of which Bristol was one of the early centers, hosiery and knit goods, bells, and foundry and machine shop products.

Huntington (Shelton) is fourteenth and Derby fifteenth. These localities have been treated in a group with the city of Ansonia.

Windham ranks sixteenth. In this town is located the city of Willimantic, one of the cotton-thread centers of the country. The leading industries embrace cotton goods, silk throwing and other forms of silk manufacture, and the manufacture of fine machinery.

The town of Stonington, in New London county, adjoining the Rhode Island boundary and thus receiving some of the surplus of that state's capital and industries, is seventeenth in rank. Its chief industries are the manufacture of cotton goods, silk goods, woolen and worsted goods, printing presses, fertilizers, and shipbuilding, for which it has special advantages.

Seymour, in the county of New Haven, ranks eighteenth. Among several flourishing industries those of greatest relative importance are the manufacture of worsted goods and of edge tools.

which is the borough of Winsted, is
ld county and ranks nineteenth. Clocks
ct. It is known as one of the early
anufacture, which has made Connecti-
vorld over, and still contributes very
al output. Hardware of many kinds,
plated ware are made in large quanti-
l knit goods and silk goods are also pro-

Litchfield county, near Waterbury, ranks
s one of the early and present centers for
of clocks, brassware, and cutlery and

ford county, ranks twenty-first. The
are iron and steel frames for buildings
brick and tile.
tafford, in Tolland county, is twenty-
l is a woolen center.
Haven county, adjoining New Haven,
. Slaughtering and meat packing, pianos,
nt pipe are its chief industries.
wenty-fourth. In this important town
ty are situated Thompsonville with its
s, and Hazardville with its gunpowder

The statistics of the 8 counties in Connecticut are shown in Table 6. Litchfield county leads in the per cent of increase of total products, or 78.2 per cent; Hartford is second, with 59.3 per cent; New Haven, third, with 55.4 per cent; Fairfield, fourth, with 37 per cent; New London, fifth, with 25.4 per cent; Middlesex, sixth, with 8.5 per cent. Tolland shows a decrease of 15.7 per cent and Windham a decrease of 14.5 per cent. These decreases are due largely to the falling off in the production and value of textiles, which have centered largely in these counties. Some of the factories in these industries have been removed or abandoned; small concerns in other industries have been closed. The tendency of small industries in these counties is to seek cities, or localities elsewhere in the state, from which the markets can be more easily reached.

Table 6 shows the totals of the state by counties.

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

Table 8 shows the totals for the cities of Bridgeport, Hartford, Meriden, New Britain, New Haven, and Waterbury 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 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	The State	9,128	$314,696,736	$19,208,863	$47,663,187	$80,177,430	$167,647,256	9,381	9,981	$12,286,050	176,694	$82,767,725
2	Fairfield	1,997	54,414,625	3,282,699	6,825,993	14,494,316	29,811,617	2,131	2,111	2,587,507	35,834	16,829,931
3	Hartford	1,946	76,954,626	4,291,516	12,487,730	19,079,351	41,096,029	2,008	2,538	3,142,101	37,632	18,682,948
4	Litchfield	638	16,589,409	863,536	2,476,843	3,336,410	9,912,620	654	569	673,794	10,209	4,485,665
5	Middlesex	376	9,367,270	557,326	1,525,278	2,100,517	5,184,119	383	304	329,559	5,492	2,397,303
6	New Haven	2,575	100,301,087	7,239,194	13,182,169	24,111,607	55,768,117	2,555	3,457	4,281,500	58,436	28,959,256
7	New London	847	27,608,078	1,679,950	5,195,618	7,698,288	13,094,222	900	556	712,869	14,525	6,227,480
8	Tolland	293	9,735,955	510,739	1,310,292	1,907,498	6,007,426	290	177	219,747	4,735	1,760,587
9	Windham	456	19,665,686	783,903	4,659,264	7,449,413	6,773,106	460	269	338,973	9,831	3,425,055

TABLE 7.—MANUFACTURES BY

1	All industries	9,128	$314,696,736	$19,208,863	$47,663,187	$80,177,430	$167,647,256	9,381	9,981	$12,286,050	176,694	$82,767,725
2	Agricultural implements	5	348,221	37,000	106,850	42,275	162,096	1	19	13,330	154	62,111
3	Ammunition	5	4,789,388	174,414	718,497	1,762,800	2,121,677	9	131	268,803	4,134	2,193,270
4	Awnings, tents, and sails	26	60,530	200	1,800	8,190	50,340	35	3	2,094	71	33,090
5	Bags, paper	3	538,952	106,345	107,046	218,741	106,820	2	8	12,285	108	30,625
6	Bells	7	703,571	33,000	115,351	166,069	389,151	4	48	45,151	518	235,248
7	Belting and hose, leather	4	1,620,983	25,000	65,060	98,500	1,432,483	2	47	77,088	178	96,581
8	Bicycle and tricycle repairing	197	214,830	12,537	14,833	88,467	98,993	223	8	4,842	147	73,056
9	Bicycles and tricycles	24	4,215,399	241,675	882,071	1,487,357	1,604,296	12	263	251,091	2,139	1,150,736
10	Billiard tables and materials	3	27,888	------	------	415	27,473	3	2	1,400	8	5,088
11	Blacksmithing and wheelwrighting	795	1,028,087	218,245	266,509	186,184	362,149	846	4	2,550	765	442,531
12	Bookbinding and blank book making	13	45,128	1,000	2,000	20,058	22,070	12	7	6,511	58	25,834
13	Boots and shoes, custom work and repairing.	594	153,156	16,405	23,243	50,027	63,481	597	------	------	157	73,124
14	Boots and shoes, factory product	15	789,618	12,700	17,900	117,172	641,846	28	40	38,405	719	297,826
15	Boots and shoes, rubber	5	9,530,718	290,400	856,613	1,209,401	7,174,304	------	107	150,396	4,217	1,986,023
16	Bottling	141	313,058	43,160	48,775	70,883	150,240	155	10	7,628	170	81,819
17	Boxes, cigar	4	9,671	200	1,000	4,300	4,171	5	1	300	25	7,852
18	Boxes, fancy and paper	34	1,422,846	50,850	111,156	576,950	684,890	16	92	100,112	1,632	552,576
19	Boxes, wooden packing	12	75,439	4,080	14,675	13,899	42,785	13	4	2,040	86	41,715
20	Brass and copper, rolled	11	11,900,134	731,489	2,123,964	2,518,401	6,626,280	2	277	382,368	5,308	2,858,013
21	Brass castings and brass finishing	26	7,164,071	352,287	857,666	1,688,562	4,270,556	20	169	299,768	4,221	2,221,333
22	Brassware	21	6,210,657	698,442	882,690	1,665,230	2,964,295	11	146	215,993	3,123	1,619,609
23	Bread and other bakery products	309	2,115,396	291,600	466,395	593,915	763,396	332	205	183,026	1,612	861,258
24	Brick and tile	36	1,164,776	325,296	326,871	201,022	311,587	39	50	48,155	889	357,752
25	Brooms and brushes	20	65,087	3,330	8,400	11,062	42,295	23	2	2,100	90	34,314
26	Buttons	11	532,178	46,400	96,000	164,728	225,050	10	24	30,812	800	305,687
27	Carpentering	547	3,002,809	317,635	406,045	364,311	1,914,818	620	115	107,223	4,439	2,744,501
28	Carpets, rag	6	11,900	1,500	4,100	2,900	3,400	6	------	------	16	6,640
29	Carriage and wagon materials	21	801,792	57,475	115,213	201,329	427,775	17	55	70,486	355	190,471
30	Carriages and wagons	117	5,010,816	357,694	755,588	601,652	3,295,882	137	137	158,381	2,192	1,298,096
31	Cars and general shop construction and repairs by steam railroad companies.	9	1,639,134	389,500	246,950	425,412	577,272	------	100	78,392	1,557	943,503
32	Cheese, butter, and condensed milk, factory product.	71	274,733	18,288	91,513	76,572	88,360	49	47	24,402	166	84,863
33	Chemicals	3	311,399	8,850	21,000	146,849	134,700	------	12	9,068	45	31,716
34	Cleansing and polishing preparations	8	58,598	2,100	15,500	8,595	32,403	6	10	10,200	44	15,745
35	Clocks	10	5,065,682	270,578	683,020	1,031,617	3,080,467	------	123	195,978	3,929	1,907,558
36	Clothing, men's, custom work and repairing.	431	685,159	20,950	17,640	59,587	586,982	465	27	21,482	886	489,210
37	Clothing, men's, factory product	12	158,274	1,300	18,500	5,220	133,254	18	1	500	137	52,822
38	Clothing, women's, dressmaking	389	208,966	18,825	35,775	40,791	113,575	425	13	8,555	874	283,985
39	Clothing, women's, factory product	14	194,200	15,000	27,500	23,650	128,050	16	13	12,216	494	182,337
40	Coffee and spice, roasting and grinding	6	69,765	1,250	2,075	10,100	56,340	6	3	2,699	8	4,948
41	Coffins, burial cases, and undertakers' goods.	4	298,373	37,655	81,502	42,166	137,050	3	22	21,500	148	61,406
42	Confectionery	103	455,138	33,425	73,691	133,064	214,958	119	67	33,658	285	128,954
43	Cooperage	4	29,549	8,500	5,400	6,149	9,500	4	------	------	18	9,196
44	Cordage and twine	7	276,962	7,500	22,800	78,400	168,262	6	4	2,600	245	62,812
45	Cork, cutting	3	88,229	2,000	5,000	31,219	50,010	1	7	9,500	83	30,522
46	Corsets	24	2,978,598	112,350	436,793	350,396	2,079,059	32	337	442,552	5,755	1,796,198
47	Cotton goods	55	27,351,588	832,202	6,778,674	10,307,775	9,432,937	19	281	395,624	13,194	4,393,502
48	Cutlery and edge tools	44	5,855,752	423,432	935,571	967,252	3,529,497	21	218	277,805	4,077	2,087,198
49	Druggists' preparations, not including prescriptions.	22	143,855	11,950	28,800	13,270	89,835	23	18	40,716	101	47,180
50	Dyeing and cleaning	29	60,594	11,150	23,275	15,160	11,009	31	6	3,260	61	25,505
51	Dyeing and finishing textiles	5	3,243,744	482,100	1,004,388	929,262	827,994	------	39	100,884	1,300	578,756
52	Electrical apparatus and supplies	17	2,513,812	69,400	174,949	422,696	1,846,767	8	142	170,490	961	405,604
53	Electrical construction and repairs	25	77,562	2,050	5,050	9,505	60,957	30	12	7,430	88	51,868
54	Electroplating	12	23,663	100	1,200	12,517	9,846	15	1	900	35	16,773
55	Engraving and diesinking	14	26,000	2,050	1,100	17,250	5,600	15	------	------	19	10,054
56	Engraving, steel, including plate printing.	4	4,000	------	------	1,800	2,200	4	------	------	6	2,981

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.										
130,610	$69,227,497	42,605	$12,873,190	3,479	$667,038	$23,089,806	$1,621,573	$1,384,047	$16,530,497	$3,553,689	$185,641,219	$180,550,473	$5,090,746	$352,824,106	1
25,538	13,834,569	9,829	2,898,512	467	96,850	4,410,709	372,316	178,959	3,442,653	446,781	33,343,986	32,400,492	942,894	67,279,450	2
30,024	16,502,556	7,129	2,077,192	479	102,700	6,116,699	348,153	327,737	3,791,030	1,649,779	33,839,667	32,728,831	1,110,836	72,224,316	3
7,785	3,815,186	2,114	611,210	310	59,269	1,018,283	114,857	72,751	725,780	104,895	13,010,043	12,606,545	403,498	21,459,964	4
4,028	1,985,217	1,283	379,209	181	32,877	490,203	25,608	58,744	346,889	58,962	4,825,744	4,690,120	135,624	9,292,586	5
44,178	24,478,679	13,407	4,305,578	851	174,999	7,446,577	511,808	502,740	5,493,528	908,501	75,301,960	73,538,478	1,763,482	134,069,985	6
10,500	5,101,789	3,624	1,057,771	401	67,920	2,315,547	131,287	104,556	1,792,919	286,785	13,318,315	12,914,678	403,637	26,538,839	7
2,900	1,248,058	1,648	480,268	187	32,261	601,811	21,591	46,978	471,309	58,933	5,810,909	5,682,443	128,466	9,792,669	8
5,657	2,261,443	3,571	1,065,450	603	100,162	659,977	62,953	91,582	466,389	39,053	6,191,195	5,988,886	202,309	12,166,297	9

SPECIFIED INDUSTRIES: 1900.

130,610	$69,227,497	42,605	$12,873,190	3,479	$667,038	$23,089,806	$1,621,573	$1,384,047	$16,530,497	$3,553,689	$185,641,219	$180,550,473	$5,090,746	$352,824,106	1
154	62,111					9,961	460	2,519	6,982		76,132	67,640	8,492	194,746	2
2,614	1,727,121	1,509	463,205	11	2,941	919,039	240	32,658	886,141		5,200,307	5,105,876	94,431	9,823,712	3
48	25,713	23	7,377			5,996	4,171	132	1,693		55,093	54,262	831	130,784	4
31	14,813	77	15,812			12,687	1,600	749	10,338		174,501	172,571	1,930	358,361	5
452	216,385	64	18,352	2	511	62,128	1,250	3,899	56,979		417,959	405,793	12,166	866,346	6
166	93,170	7	1,976	5	1,435	20,053	1,986	2,756	15,311		906,229	901,766	4,463	1,224,182	7
143	72,325	1	150	3	581	29,443	20,515	677	7,606	645	147,092	141,972	5,120	386,557	8
1,995	1,107,485	104	34,662	40	8,589	323,629	26,653	15,656	277,866	3,454	1,720,249	1,684,834	35,415	3,672,225	9
7	5,328	1	360			1,461	1,250	71	140		48,031	47,865	166	80,817	10
763	442,231			2	300	72,634	51,034	5,947	14,884	769	476,396	450,440	25,956	1,691,878	11
33	18,388	22	7,044	3	402	4,204	2,526	285	1,318	75	36,527	36,187	340	94,517	12
156	72,969			1	155	56,905	50,877	698	5,208	122	184,519	177,800	6,719	606,419	13
456	221,629	254	74,932	9	1,265	117,372	7,691	1,979	72,702	35,000	986,555	979,892	6,663	1,517,364	14
2,461	1,326,809	1,789	653,826	17	5,388	405,852	11,000	49,417	354,435		7,176,701	7,105,073	71,628	11,999,038	15
164	80,227	5	1,442	1	150	36,688	13,985	1,896	20,807		459,055	456,867	2,188	774,983	16
9	3,100	16	4,752			1,296	1,010	30	256		18,137	17,753	384	34,887	17
552	265,508	1,028	278,344	52	8,724	68,306	29,894	4,776	33,636		921,522	907,914	13,608	2,057,449	18
73	37,131	13	4,584			9,029	3,320	574	4,363	772	101,586	101,773	2,813	186,191	19
4,980	2,700,292	312	94,125	16	3,596	610,164	650	60,816	548,698		24,133,559	23,618,538	515,021	29,787,282	20
3,492	1,968,631	686	243,482	43	9,220	367,656	4,488	30,809	326,558	5,801	5,770,875	5,592,341	178,534	9,470,427	21
2,319	1,368,127	699	233,854	105	17,628	355,208	8,394	26,228	319,373	1,213	6,281,536	6,127,384	154,152	9,269,159	22
1,383	797,971	207	58,163	22	5,124	326,397	67,339	10,149	248,909		2,914,802	2,837,542	77,260	5,208,694	23
878	355,053	7	1,970	4	729	44,697	4,130	5,412	35,155		133,809	21,897	111,912	725,359	24
67	28,107	23	6,207			3,031	1,495	295	1,241		64,119	63,131	988	133,899	25
305	169,763	460	132,018	35	3,906	117,643	3,979	3,681	37,751	72,232	430,187	418,827	11,360	1,087,235	26
4,436	2,743,621	3	880			1,896,826	38,275	12,918	90,334	1,755,299	4,988,943	4,965,783	23,160	11,390,681	27
14	5,740	2	900			886	630	46	210		2,448	2,190	258	13,150	28
351	189,444	4	1,027			64,492	7,610	4,296	41,469	11,117	412,708	402,296	10,412	863,010	29
2,181	1,294,443	7	3,445	1	208	161,571	22,728	18,889	117,547	2,407	1,532,351	1,480,967	51,384	4,205,723	30
1,551	941,296	6	2,207			41,879			41,879		1,366,281	1,352,111	14,170	2,430,056	31
161	83,793	4	1,020	1	50	21,266	2,508	1,376	14,320	3,062	881,614	872,872	8,742	1,093,708	32
45	31,716					8,877	4,000	608	4,269		105,105	95,881	9,224	290,320	33
32	12,003	12	3,742			9,875	639	150	9,086		35,702	35,143	559	103,437	34
2,969	1,561,181	838	318,278	122	28,099	240,804	650	22,791	217,363		1,825,425	1,791,915	33,510	4,545,047	35
754	451,724	117	35,278	15	2,208	262,089	87,222	2,596	26,735	145,536	838,397	827,203	11,194	2,144,401	36
68	35,866	69	16,956			5,732	2,227	235	3,145	125	157,227	156,344	883	279,850	37
76	47,768	793	235,682	5	535	56,378	44,360	1,080	6,678	4,260	406,908	399,404	7,504	1,071,418	38
58	35,410	436	146,927			12,717	4,600	819	7,218	80	225,498	223,511	1,987	614,855	39
7	4,636	1	312			6,885	1,370	392	5,123		125,818	123,803	2,015	165,974	40
106	50,506	42	10,900			3,798	300	1,378	2,120		132,821	130,975	1,846	274,618	41
207	107,841	74	20,707	4	406	70,835	28,650	2,497	39,688		453,700	443,458	10,242	942,480	42
18	9,196					886	260	293	343		17,361	16,969	392	32,048	43
132	39,076	110	23,196	3	510	6,023	387	1,362	4,274		178,895	176,699	2,196	284,713	44
63	26,446	17	3,670	3	406	12,471	4,050	473	7,948		61,043	57,507	3,536	131,011	45
603	326,627	5,033	1,432,321	119	37,250	268,492	9,183	17,796	241,513		3,179,304	3,144,738	34,566	6,846,964	46
6,918	2,649,147	5,344	1,591,688	932	152,667	1,288,506	14,558	127,917	1,092,427	53,604	7,535,926	7,293,305	242,621	15,489,442	47
3,696	1,972,032	323	93,466	58	24,700	335,952	5,100	33,388	295,286	2,178	1,904,968	1,825,961	79,007	5,362,620	48
51	27,086	50	20,094			91,640	1,103	723	77,764	12,050	110,334	106,147	4,237	355,455	49
35	17,906	25	7,365	1	144	8,028	6,052	232	1,744		14,060	11,700	2,360	76,557	50
1,015	507,632	238	61,689	47	9,435	216,075		16,084	192,063	7,928	907,377	785,642	121,735	2,269,967	51
690	336,112	270	69,307	1	185	222,400	7,240	4,797	210,063	300	1,973,715	1,954,315	19,400	3,167,842	52
88	51,808					7,327	3,454	590	3,283		168,459	168,032	427	288,526	53
35	16,773					3,410	2,799	107	504		8,554	6,845	1,709	47,302	54
18	9,954			1	100	2,950	1,489	75	816	570	2,622	1,993	629	38,615	55
4	2,320	2	661			1,124	840	6	228	50	2,570	2,465	105	13,000	56

TABLE 7.—MANUFACTURES BY

	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.
57	Engraving, wood	8	$8,550	----------	----------	$2,675	$5,875	10	1	$360	13	$11,575
58	Envelopes	4	1,570,369	$112,300	$309,724	653,300	495,045	----------	44	48,671	589	260,309
59	Fancy articles, not elsewhere specified	6	199,429	2,000	13,640	28,316	155,473	5	19	28,315	129	40,811
60	Fertilizers	9	382,518	30,000	48,669	66,766	237,083	8	30	28,063	133	53,708
61	Files	4	18,928	1,250	2,400	3,900	11,378	5	2	1,200	24	11,140
62	Firearms	8	2,825,140	134,000	483,000	898,602	1,309,538	4	51	73,575	1,144	725,938
63	Flavoring extracts	9	37,786	100	150	1,480	36,056	10	8	6,100	18	6,750
64	Flouring and grist mill products	208	1,565,478	204,677	434,477	300,394	625,930	243	42	26,621	233	99,309
65	Food preparations	7	111,919	45,810	20,650	14,278	31,181	3	11	7,144	50	19,875
66	Foundry and machine shop products	260	23,020,068	1,501,510	3,861,488	5,761,976	11,895,064	198	786	1,101,882	12,646	6,948,309
67	Fruits and vegetables, canning and preserving.	5	91,463	2,450	21,232	29,496	38,285	2	7	3,260	100	24,967
68	Fur goods	19	94,393	4,800	3,600	6,121	79,872	21	6	2,820	69	31,572
69	Fur hats	58	3,197,551	113,788	323,388	714,116	2,046,259	85	173	172,780	4,868	2,414,561
70	Furnishing goods, men's	3	25,458	800	4,000	6,109	14,549	2	5	2,412	61	17,216
71	Furniture, cabinetmaking, repairing, and upholstering.	123	222,334	24,350	17,650	55,643	124,691	140	15	10,787	261	136,435
72	Furniture, factory product	9	277,274	12,000	30,900	60,367	174,007	9	24	20,162	208	100,715
73	Gas and lamp fixtures	4	1,350,405	56,100	150,228	208,914	935,163	2	54	73,230	859	413,628
74	Gas, illuminating and heating	21	7,905,946	619,043	649,105	5,551,596	1,086,202	----------	134	117,238	354	231,102
75	Glass, cutting, staining, and ornamenting.	8	100,483	1,600	2,000	17,600	79,883	10	9	8,334	122	56,127
76	Grease and tallow	13	97,696	10,725	30,500	29,350	27,121	14	4	4,600	50	24,896
77	Hairwork	11	5,080	500	300	1,055	3,225	11	1	150	13	3,953
78	Hand stamps	7	19,825	----------	----------	5,900	13,925	8	2	840	5	2,060
79	Hardware	63	21,694,351	1,375,906	3,166,560	5,386,115	11,765,770	30	827	938,668	12,056	5,664,046
80	Hardware, saddlery	8	755,083	58,234	137,486	149,798	409,565	6	42	65,630	724	312,804
81	Hat and cap materials	14	441,553	50,200	67,604	119,302	204,447	21	6	6,050	298	101,741
82	Hats and caps, not including fur hats, and wool hats.	15	94,595	----------	----------	23,079	71,516	18	3	3,300	397	150,738
83	Hosiery and knit goods	25	6,149,338	160,000	632,590	1,306,134	4,050,614	12	101	159,300	3,243	1,131,078
84	House furnishing goods, not elsewhere specified.	7	2,709,941	145,500	452,295	523,500	1,588,646	5	53	115,387	721	302,046
85	Ice, manufactured	5	316,722	47,000	71,843	171,843	26,036	5	15	17,681	38	21,011
86	Instruments, professional and scientific	5	143,483	15,200	29,600	21,650	77,033	2	13	23,969	126	55,417
87	Iron and steel	8	4,986,147	424,101	582,827	1,602,916	2,376,303	----------	74	109,875	1,828	959,825
88	Iron and steel, bolts, nuts, washers, and rivets.	13	1,337,986	44,077	131,086	485,031	677,792	10	51	80,207	1,164	442,666
89	Iron and steel, forgings	10	1,522,189	73,137	156,026	365,920	927,106	----------	36	47,438	336	169,162
90	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	1,209,201	83,185	187,925	370,462	567,629	----------	123	118,800	428	180,545
91	Ironwork, architectural and ornamental.	6	1,205,813	22,800	97,600	218,520	866,893	6	32	81,515	541	309,979
92	Ivory and bone work	4	113,813	3,900	37,439	20,843	51,631	2	7	6,380	97	39,451
93	Kaolin and other earth grinding	4	57,158	600	3,430	32,000	21,128	3	1	780	45	17,719
94	Lamps and reflectors	9	2,218,695	120,334	243,618	412,362	1,442,381	4	93	159,554	1,620	711,729
95	Leather goods	5	11,035	600	550	3,485	6,400	5	----------	----------	4	2,320
96	Leather, tanned, curried, and finished	7	639,408	65,500	97,209	59,342	417,357	10	12	13,506	179	90,058
97	Lime and cement	11	250,392	71,720	65,550	26,915	86,207	10	12	9,640	171	71,938
98	Liquors, distilled	15	200,442	12,295	44,460	44,425	99,272	16	4	5,000	20	11,205
99	Liquors, malt	20	3,108,778	193,761	958,722	804,297	1,151,998	20	81	132,897	344	278,946
100	Lock and gun smithing	27	37,137	100	300	13,175	23,562	28	2	700	27	14,659
101	Looking-glass and picture frames	37	120,592	----------	----------	8,637	111,955	42	8	4,970	47	27,629
102	Lumber and timber products	200	1,188,965	355,102	108,088	309,640	416,135	249	30	16,296	788	306,915
103	Lumber, planing mill products, including sash, doors, and blinds.	40	1,909,945	399,540	186,727	249,588	1,074,090	39	88	84,365	776	406,102
104	Marble and stone work	50	904,896	229,265	134,424	256,821	284,386	55	32	27,255	1,066	483,811
105	Masonry, brick and stone	293	1,404,277	218,323	154,492	161,036	870,426	269	77	71,536	2,884	1,525,239
106	Mattresses and spring beds	11	116,273	7,600	6,300	32,804	69,569	13	9	9,250	84	33,452
107	Millinery and lace goods	6	65,750	1,000	1,000	14,950	48,800	8	3	2,080	105	37,778
108	Millinery, custom work	237	541,350	26,500	41,250	18,249	455,351	277	43	12,911	673	255,153
109	Mineral and soda waters	74	318,882	39,100	58,325	134,684	86,773	89	16	10,100	162	78,477
110	Models and patterns	16	30,370	2,200	1,500	13,700	12,970	17	----------	----------	87	23,212
111	Monuments and tombstones	65	322,288	57,125	43,000	41,286	180,877	75	19	11,857	274	171,468
112	Mucilage and paste	3	9,661	1,500	900	2,712	4,549	5	----------	----------	4	2,000
113	Musical instruments, organs and materials.	5	81,250	1,400	6,700	11,500	61,650	6	14	13,900	79	44,145
114	Musical instruments, pianos and materials.	10	3,505,205	85,564	337,851	292,762	2,789,028	----------	70	131,807	1,784	845,621
115	Needles and pins	13	2,250,021	48,200	151,200	370,371	1,680,250	10	62	87,841	1,238	533,293
116	Oil, essential	5	65,500	11,700	32,100	11,200	10,500	4	2	2,000	8	2,957
117	Oil, not elsewhere specified	3	5,613	----------	----------	513	5,100	2	----------	----------	3	1,100
118	Optical goods	7	29,455	----------	----------	5,365	24,090	12	1	600	13	6,445
119	Painting, house, sign, etc	423	738,526	46,130	69,880	94,294	528,222	466	44	30,222	1,608	968,251
120	Paper and wood pulp	49	3,968,152	445,655	1,048,294	1,236,672	1,237,531	36	115	151,600	1,425	633,413
121	Paper hanging	25	67,580	1,160	725	6,085	59,610	25	16	10,820	170	102,028
122	Patent medicines and compounds	46	615,149	46,824	79,291	67,977	421,057	38	117	114,030	153	72,111
123	Paving and paving materials	52	447,782	72,060	42,710	132,740	200,272	56	41	43,913	605	274,770
124	Perfumery and cosmetics	5	112,335	200	1,200	8,265	102,670	3	20	11,520	40	7,560
125	Photography	110	187,348	6,450	10,000	105,013	65,885	124	12	7,108	111	55,929
126	Photolithographing and photoengraving.	6	62,959	----------	----------	20,333	42,626	5	7	6,656	38	19,843

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
13	$11,575					$2,646	$895	$16	$470	$1,265	$1,566	$1,462	$104	$27,195	57
201	121,657	384	$138,855	4	$388	80,189		7,463	72,726		929,926	920,046	9,880	1,482,317	58
55	24,685	70	15,646	4	480	18,022	1,310	465	16,157	90	90,862	88,782	2,080	215,229	59
113	48,319	20	5,389			19,754	400	1,164	18,190		228,242	221,824	6,418	399,805	60
24	11,140					1,330	508	97	725	60	3,503	3,172	331	27,209	61
1,141	724,982	2	800	1	156	156,665	5,402	9,796	139,867	1,600	309,152	286,510	22,642	1,476,876	62
5	3,000	13	3,750			9,611	1,146	71	8,394		63,546	62,972	574	107,890	63
227	97,554	6	1,755			32,083	8,989	10,339	17,330	425	1,845,545	1,824,506	21,039	2,268,859	64
16	8,387	34	11,488			19,542	1,272	589	17,681		42,844	40,744	2,100	130,952	65
12,338	6,872,781	229	60,578	79	14,950	1,097,036	74,651	98,704	898,707	24,974	6,683,689	6,222,338	461,351	18,991,079	66
35	12,203	64	12,614	1	150	1,985		200	1,785		81,887	80,719	1,168	124,280	67
21	16,411	48	15,161			12,707	4,487	402	5,818	2,000	71,857	71,331	526	162,280	68
3,405	1,966,174	1,458	447,029	5	1,358	392,152	30,861	11,979	313,683	35,626	3,635,748	3,565,864	119,884	7,546,882	69
8	3,840	52	13,106	1	270	2,347	180	50	2,117		41,081	40,706	375	100,279	70
249	132,872	11	3,363	1	200	31,802	19,940	1,096	8,866	1,900	196,190	192,107	4,083	512,797	71
199	98,065	9	2,650			27,698	2,747	788	19,563	4,600	253,533	251,524	2,009	488,738	72
722	377,946	86	24,980	51	10,700	49,972	180	8,575	41,217		348,825	329,376	19,449	987,777	73
354	231,102					332,398	33,975	61,253	237,170		362,248	338,606	23,642	1,421,014	74
81	44,577	41	11,550			4,447	2,369	518	1,560		47,926	46,461	1,465	142,572	75
50	24,896					8,106	1,045	394	6,667		236,084	231,885	4,199	328,262	76
1	780	12	3,173			2,712	2,490	25	197		7,578	7,431	142	23,055	77
1	700	4	1,360			4,315	1,493	56	2,731	35	7,061	6,818	243	26,097	78
10,099	5,156,178	1,631	440,696	326	67,172	1,333,779	15,489	99,173	1,203,117	16,000	6,576,620	6,305,849	270,771	16,301,198	79
574	278,925	148	34,574	2	205	115,765	1,900	5,927	107,938		393,571	363,503	30,068	1,022,856	80
210	86,587	56	14,754	2	400	23,570	3,510	1,958	18,102		365,954	356,648	9,306	587,819	81
162	76,750	234	73,788	1	200	15,298	9,012	503	4,883	900	306,580	300,776	5,804	551,190	82
966	447,414	2,181	666,597	96	17,067	205,658	12,370	23,990	154,698	14,600	2,202,640	2,155,037	47,603	4,043,977	83
525	251,324	187	45,673	9	2,049	131,922	670	7,453	111,799	12,000	1,302,780	1,287,722	15,008	2,237,770	84
38	21,041					11,363	750	1,544	9,069		16,014	4,548	11,466	95,304	85
49	29,081	77	26,336			20,458	120	876	19,462		49,903	48,546	1,357	187,598	86
1,813	956,465	12	2,587	3	773	198,067		21,831	176,236		2,348,411	2,058,771	289,640	4,318,431	87
948	390,273	197	48,539	19	3,854	47,938	440	5,267	42,231		539,270	506,501	32,769	1,330,083	88
332	168,006	4	1,156			30,279	3,378	4,330	21,976	600	206,184	181,623	24,561	533,673	89
273	142,883	155	37,662			161,193	600	4,940	155,653		299,097	289,955	9,142	1,157,724	90
538	303,179	3	1,800			36,425	200	1,812	31,060	3,353	1,093,609	1,076,787	16,822	1,729,976	91
77	33,267	20	6,184			4,658		486	4,172		75,385	73,619	1,766	146,200	92
45	17,719					8,538	6,000	421	2,117		31,152	26,772	4,380	82,887	93
1,027	493,242	560	205,133	33	13,354	136,742	1,250	9,873	125,619		1,176,153	1,149,873	26,280	2,356,348	94
4	2,320					1,189	495	24	670		8,098	7,954	144	17,575	95
168	87,158	11	2,900			23,087	1,000	2,837	19,250		681,399	674,725	6,674	891,478	96
171	71,938					21,932	447	1,205	8,547	11,733	148,752	89,747	59,005	286,640	97
20	11,205					179,152		862	178,290		49,471	42,068	7,403	292,057	98
342	278,781	2	165			1,156,308	5,800	21,146	1,129,862		639,555	583,776	55,779	2,652,819	99
23	13,159	3	1,200	1	300	4,473	3,638	153	682		13,518	12,679	839	54,408	100
45	26,904	1	575	1	150	9,775	6,723	357	2,245	450	104,130	103,216	914	187,881	101
788	306,915					36,799	2,664	5,693	24,342	4,100	902,391	902,391		1,818,643	102
776	406,102					86,795	7,721	10,469	68,605		1,510,940	1,499,743	11,197	2,298,810	103
1,058	482,511			8	1,300	20,840	5,979	3,884	8,612	2,365	307,699	292,162	15,537	997,272	104
2,877	1,524,129			7	1,110	731,284	13,516	6,193	66,214	645,361	1,954,890	1,947,234	7,656	5,024,872	105
70	29,059	14	4,393			13,307	3,088	667	7,962	1,590	99,831	97,737	2,094	214,542	106
5	3,437	100	34,341			4,513	2,685	338	1,540		142,336	142,001	335	234,323	107
24	11,798	645	242,587	4	768	89,459	63,081	3,197	21,146	2,035	826,392	819,248	7,144	1,540,513	108
162	78,477					31,433	7,963	1,952	21,518		159,063	155,101	3,962	437,410	109
36	23,012			1	200	3,224	2,540	113	571		13,377	11,653	1,724	60,898	110
274	171,468					21,612	4,124	2,409	8,807	6,272	207,432	204,155	3,277	541,087	111
4	2,000					422	180	24	218		7,210	6,884	326	14,961	112
73	41,767	5	1,774	1	604	8,880	2,100	170	5,510	1,100	50,172	48,105	2,067	138,952	113
1,676	813,470	124	31,362	4	789	162,433	3,975	12,863	134,257	11,338	1,520,203	1,486,625	33,578	3,256,816	114
581	321,207	566	195,828	91	16,258	177,503	78,300	10,145	88,344	714	708,323	695,194	13,129	1,761,806	115
7	2,503	1	454			2,260	10	235	1,615	400	29,208	28,958	250	45,530	116
3	1,100					1,735	450	10	1,275		6,464	6,451	13	13,620	117
13	6,445					5,072	2,780	138	2,154		30,156	29,628	528	59,893	118
1,584	962,081	22	5,620	2	550	71,298	30,135	3,185	27,338	1,640	687,053	681,950	5,103	2,815,860	119
1,157	562,523	268	70,890			279,962	3,255	19,521	256,986	200	1,982,080	1,770,328	211,752	3,565,021	120
170	102,028					11,037	5,367	339	5,331		82,358	81,794	559	242,194	121
111	53,554	42	13,557			175,166	7,428	5,792	159,038	2,908	303,386	295,429	7,957	887,120	122
605	274,770					27,104	4,389	2,638	18,522	1,555	362,621	350,220	12,401	877,952	123
7	2,430	33	5,130			72,541	715	76	71,750		43,398	43,222	176	198,629	124
71	41,164	38	14,486	2	279	44,221	32,987	760	9,829	1,145	97,822	94,234	3,588	353,528	125
32	18,452	6	1,391			9,364	1,436	270	6,698	960	10,679	9,432	1,247	54,916	126

TABLE 7.—MANUFACTURES BY

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
127	Pickles, preserves, and sauces	6	$45,079	$3,350	$6,500	$5,720	$39,409	10	9	$4,442	36	$13,096
128	Plastering and stucco work	18	14,650	1,350	725	3,335	9,240	23			47	29,433
129	Plated and britannia ware	26	18,067,209	487,710	1,745,832	8,456,194	7,377,473	3	253	506,562	4,491	2,293,017
130	Plumbers' supplies	5	774,388	34,333	71,667	128,505	539,883		54	28,824	312	162,761
131	Plumbing, and gas and steam fitting	334	1,757,934	111,175	168,975	230,399	1,247,385	373	151	104,483	1,775	1,050,288
132	Pottery, terra cotta, and fire-clay products.	8	283,862	32,450	94,097	56,323	100,992	8	18	23,201	138	65,036
133	Printing and publishing, book and job	153	1,988,754	144,600	226,380	808,559	809,215	151	132	112,359	980	501,405
134	Printing and publishing, newspapers and periodicals.	116	2,289,658	199,600	309,243	1,098,895	681,920	85	288	235,655	1,151	703,587
135	Printing materials	3	29,200			15,200	14,000	4			12	6,792
136	Roofing and roofing materials	22	59,808	8,000	6,300	7,985	37,583	27	2	562	72	40,923
137	Rubber and elastic goods	22	6,094,867	334,447	843,200	1,955,131	3,562,089	8	255	303,532	3,606	1,136,162
138	Saddlery and harness	157	434,389	17,945	60,900	52,474	303,070	161	24	13,152	356	181,651
139	Sausage	11	26,341	700	1,000	14,250	10,391	12	1	780	26	14,330
140	Screws, machine	4	1,182,061	39,000	161,619	322,404	659,038	1	25	32,374	562	286,553
141	Sewing machine repairing	3	1,675			115	1,560	4			1	250
142	Sewing machines and attachments	7	5,216,570	169,256	466,810	797,252	3,783,252	3	53	87,563	2,104	1,176,622
143	Ship and boat building, wooden	35	601,871	121,900	118,730	80,939	280,302	37	12	14,012	915	451,086
144	Shirts	18	415,473	75,100	100,225	96,557	143,591	15	22	23,796	803	242,317
145	Shoddy	7	494,074	30,050	66,650	67,651	329,723	13	8	8,191	118	44,163
146	Silk and silk goods	38	12,166,775	282,294	1,597,352	2,061,799	8,225,330	23	323	403,423	6,514	2,392,873
147	Slaughtering and meat packing, wholesale.	5	411,750	51,500	104,500	60,250	195,500	8	30	31,752	368	167,925
148	Slaughtering, wholesale, not including meat packing.	7	150,814	25,500	51,885	5,460	67,969	5	7	4,910	12	6,314
149	Smelting and refining, not from the ore	6	66,925	10,500	11,600	9,950	34,875	5	4	3,680	103	55,849
150	Soap and candles	16	558,955	19,450	94,714	75,309	369,482	14	36	27,850	155	61,983
151	Sporting goods	4	327,641	24,000	36,000	117,900	149,741	2	17	18,678	220	125,680
152	Springs, steel, car and carriage	3	117,700	43,500	32,300	5,200	36,700	1	4	7,800	51	36,648
153	Stamped ware	14	1,375,677	75,250	195,773	419,816	684,838	7	52	85,418	1,562	639,628
154	Starch	8	377,400	19,900	21,950	157,845	177,705	7	92	57,180	113	40,128
155	Steam fittings and heating apparatus	7	537,751	27,000	67,571	97,236	345,944	2	38	50,470	224	118,119
156	Stereotyping and electrotyping	4	47,142			25,605	21,537	5	6	3,780	57	39,976
157	Surgical appliances	4	8,500	350	550	2,650	4,950	5			4	2,040
158	Tinsmithing, coppersmithing and sheet-iron working	107	429,550	33,700	68,520	75,247	252,083	104	37	28,362	437	260,976
159	Tobacco, cigars and cigarettes	216	863,591	25,010	61,650	29,494	748,037	238	26	28,955	1,032	570,841
160	Tobacco, stemming and rehandling	3	43,050	400	2,500	150	40,000	4	2	872	26	8,705
161	Tools, not elsewhere specified	27	671,755	44,575	136,422	209,497	281,261	33	34	33,178	463	227,349
162	Toys and games	9	261,108	8,200	40,800	41,185	170,923	9	15	15,106	177	69,695
163	Trunks and valises	4	24,800			4,800	20,000	3	1	210	34	15,010
164	Typewriters and supplies	4	1,142,454	66,850	75,500	429,217	570,887	1	24	39,104	693	374,452
165	Umbrellas and canes	5	64,555	2,000	8,000	18,350	36,205	5	5	4,065	70	29,363
166	Upholstering materials	4	155,280	17,025	31,025	60,365	46,865	1	13	11,127	115	41,877
167	Varnish	8	873,962	22,400	25,454	25,072	301,036	6	17	21,550	32	19,250
168	Vinegar and cider	67	116,557	10,077	32,091	46,777	27,609	73			46	17,861
169	Watch and clock materials	5	44,284	5,775	7,230	17,337	13,942	8	1	400	27	15,956
170	Watch, clock, and jewelry repairing	223	171,659	7,880	9,520	66,265	87,994	252	2	500	155	97,381
171	Window shades	3	660,761	4,536		288,789	367,436	4	9	10,430	266	100,617
172	Wirework, including wire rope and cable.	21	1,320,498	105,660	262,968	404,782	547,088	22	51	74,274	791	349,997
173	Wood, turned and carved	32	314,243	30,972	60,785	103,357	119,129	34	12	9,566	210	92,703
174	Woolen goods	51	9,140,066	395,966	1,458,743	2,012,192	5,273,165	46	144	191,357	4,668	1,760,917
175	Worsted goods	10	5,054,659	266,900	492,208	849,305	3,446,246	1	56	121,783	2,198	846,901
176	All other industries[1]	101	15,565,236	594,882	2,005,635	4,377,002	8,587,717	84	327	497,175	5,588	2,595,932

[1] Embraces artificial limbs, 1; bags, other than paper, 1; baskets, and rattan and willow ware, 2; belting and hose, rubber, 1; blacking, 2; bluing, 1; bone, ivory, and lamp black, 1; brass, 2; bridges, 2; bronze castings, 2; cardboard, 1; card cutting and designing, 1; carpets and rugs, other than rag, 2; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 2; charcoal, 1; cheese and butter, urban dairy products, 1; china decorating, 1; combs, 1; copper, smelting and refining, 2; cordials and sirups, 1; cotton small wares, 2; crucibles, 1; dentists' materials, 1; dye stuffs and extracts, 2; emery wheels, 2; enameling and enameled goods, 2; explosives, 1; felt goods, 2; fireworks, 2; furs, dressed, 1; gas and oil stoves, 1; gas machines and meters, 2; gloves and mittens, 1; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 1; hammocks, 1; hones and whetstones, 1;

TABLE 8.—MANUFACTURES IN CITIES

BRIDGEPORT.

1	All industries	832	$33,066,890	$2,047,221	$3,775,717	$8,653,129	$18,590,823	889	1,163	$1,498,768	19,301	$9,128,790
2	Bicycle and tricycle repairing	20	18,975	850	850	7,815	9,460	21	1	150	10	5,511
3	Blacksmithing and wheelwrighting	37	29,935	2,300	3,250	8,245	16,140	42			46	26,632
4	Boots and shoes, custom work and repairing.	77	14,435	600	1,490	5,160	7,185	76			25	13,260
5	Bottling	17	37,832	8,500	7,050	4,917	17,365	18	1	850	14	5,508
6	Brass castings and brass finishing	9	2,724,227	129,000	222,000	377,245	1,995,982	5	95	153,598	1,887	977,669
7	Bread and other bakery products	41	310,417	95,475	53,900	58,563	102,479	42	36	18,836	186	110,725
8	Carpentering	56	385,312	52,900	54,600	42,187	235,625	67	16	11,690	698	438,444
9	Carriages and wagons	9	665,133	76,200	27,000	38,303	523,630	9	16	13,451	207	122,843
10	Clothing, men's, custom work and repairing.	48	56,275			4,800	51,475	50	1	600	110	59,694
11	Clothing, women's, dressmaking	70	55,767	8,200	14,750	6,147	26,670	78	1	520	143	49,549

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
33	$12,334	3	$762			$7,575	$725	$259	$6,591		$25,118	$24,349	$769	$62,827	127
47	29,433					3,962	987	35	1,165	$1,775	23,011	22,857	154	79,839	128
3,733	2,085,049	709	200,370	49	$7,598	582,635	9,395	44,670	528,570		4,679,220	4,608,325	70,895	9,538,397	129
282	154,661	16	5,400	14	2,700	31,895	1,150	4,588	26,157		209,297	198,881	10,416	452,348	130
1,761	1,047,234	5	1,712	9	1,342	149,565	78,079	7,430	63,089	967	1,847,377	1,830,518	16,859	3,927,684	131
126	62,610	12	2,426			11,129	535	956	9,638		41,851	28,915	12,936	172,843	132
760	437,114	210	62,704	10	1,587	316,526	43,495	8,609	91,818	172,604	565,382	548,738	16,644	1,877,759	133
958	640,227	162	60,393	31	2,967	294,604	33,094	12,216	210,530	38,764	432,772	398,198	34,574	2,120,073	134
9	6,134	2	450	1	208	1,401	852	14	535		17,671	17,135	536	31,046	135
72	40,923					6,135	1,596	139	4,275	125	114,275	113,607	668	198,579	136
1,681	765,776	1,187	349,708	138	20,678	452,293	14,286	22,145	403,212	12,650	5,697,899	5,610,702	87,197	8,246,240	137
328	174,132	22	6,221	6	1,298	50,611	22,948	2,757	24,252	654	368,310	368,870	4,440	782,518	138
26	14,330					5,678	4,396	105	1,177		120,273	117,752	2,521	178,809	139
492	266,637	70	19,916			20,148	800	5,089	14,259		331,609	317,034	14,575	736,105	140
1	250					487	390	12	85		223	148	75	2,770	141
1,947	1,131,310	141	42,912	16	2,400	265,786	12,800	12,482	125,994	114,510	966,507	934,962	31,605	3,170,137	142
915	451,086					13,529	3,227	1,885	7,547	870	680,213	673,908	6,305	1,227,120	143
160	58,799	634	182,418	9	1,100	25,133	7,625	1,128	15,265	1,115	291,680	284,179	7,501	680,342	144
101	40,461	7	1,402	10	2,300	33,601	4,345	1,559	18,721	8,976	362,438	354,308	8,130	537,733	145
2,763	1,350,543	3,585	1,013,498	166	28,832	637,450	30,202	36,506	353,489	217,253	7,198,008	7,101,091	96,917	12,378,981	146
368	167,925					69,913	600	5,859	63,454		2,923,511	2,904,411	19,100	3,380,112	147
16	5,904	2	410			6,808	640	888	5,280		220,079	219,769	310	283,281	148
49	38,449	54	17,400			4,052	1,712	1,105	1,235		147,742	143,465	4,277	242,192	149
96	50,426	39	8,556	20	3,000	223,333	1,130	2,118	220,085		333,988	324,799	9,184	941,001	150
203	120,163	17	5,517			54,080	219	1,161	52,700		212,183	209,017	3,166	495,961	151
51	36,048					3,689		1,197	2,492		50,223	46,733	3,490	116,906	152
818	423,885	661	192,837	83	22,906	45,064	2,690	6,535	35,839		767,795	739,796	17,999	1,716,552	153
106	37,838	5	1,990	2	300	57,366	1,180	1,576	52,222	2,388	285,830	284,450	1,380	591,000	154
224	118,119					23,413	2,524	2,448	16,041	2,400	282,356	274,659	7,697	598,220	155
57	39,976					10,540	2,545	43	7,802	150	12,152	10,491	1,661	92,431	156
4	2,040					1,261	456	8	747	50	4,078	4,013	65	19,000	157
434	260,361			3	615	35,159	15,071	1,954	18,094	40	376,269	370,835	5,434	900,784	158
806	500,249	206	67,075	20	3,517	207,841	26,450	10,741	170,650		672,340	667,730	4,610	1,775,829	159
26	8,705					648	40	141	467		65,944	65,784	160	82,404	160
413	215,344	44	10,470	6	1,535	41,197	2,605	2,987	34,955	650	180,425	170,547	9,878	614,072	161
135	58,666	28	8,625	14	2,404	37,208	3,874	17,608	8,426	12,300	75,164	71,674	3,490	227,531	162
24	11,174	10	3,836			1,817	1,310	47	460		29,213	28,680	533	57,850	163
588	340,486	97	31,806	8	2,160	41,876	812	2,660	38,404		162,502	157,181	5,321	783,822	164
55	25,585	15	3,778			2,746	1,500	419	827		36,697	33,911	2,786	80,625	165
52	24,488	61	17,262	2	127	7,987	1,800	428	5,759		45,858	44,313	1,545	141,868	166
22	16,250	10	3,000			46,959	750	1,646	44,563		234,474	232,634	1,840	399,759	167
46	17,831					3,222	859	598	2,259	6	73,508	72,090	1,418	175,907	168
22	14,000	5	1,956			2,276	190	225	1,861		10,900	9,352	1,548	50,984	169
147	95,778	5	1,187	3	416	41,736	28,792	676	6,093	6,175	66,511	62,955	3,556	356,916	170
148	77,025	118	23,592			73,783	11,680	1,882	60,221		654,379	642,357	12,022	925,998	171
636	312,381	148	36,434	7	1,182	63,526	4,999	5,119	53,408		562,590	546,392	16,198	1,245,693	172
199	89,968	7	2,021	4	714	13,397	2,624	1,221	9,452	100	118,811	114,308	4,503	277,132	173
3,071	1,285,590	1,448	445,762	149	29,565	473,106	17,912	38,435	399,322	17,437	4,951,162	4,779,867	171,295	8,097,218	174
1,379	609,947	661	209,410	158	27,544	310,267	10,016	19,829	278,235	7,187	2,971,926	2,917,032	54,894	4,539,814	175
4,258	2,192,263	1,233	389,237	97	14,432	690,308	24,997	42,807	622,504		10,542,145	10,263,881	278,264	15,983,300	176

hooks and eyes, 2; horseshoes, factory product, 1; ink, writing, 1; iron and steel, pipe, wrought, 1; japanning, 1; jewelry, 2; jute and jute goods, 1; lapidary work, 1; lithographing and engraving, 2; musical instruments and materials, not specified, 2; nets and seines, 1; oakum, 1; ordnance and ordnance stores, 2; paints, 2; paper goods, not elsewhere specified, 1; paper hangings, 1; pens, fountain, and stylographic, 2; phonographs and graphophones, 1; photographic apparatus, 2; pipes, tobacco, 1; pocketbooks, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; registers, car fare, 1; safes and vaults, 1; saws, 1; screws, wood, 1; stationery goods, not elsewhere specified, 2; steam packing, 1; stencils and brands, 1; taxidermy, 1; typewriter repairing, 1; watches, 1; wire, 1; woodenware, not elsewhere specified, 1; wool scouring, 1.

BY SPECIFIED INDUSTRIES : 1900.

BRIDGEPORT.

13,609	$7,454,429	5,446	$1,609,413	246	$59,948	$2,564,392	$196,367	$106,339	$2,040,428	$221,258	$19,133,236	$18,709,995	$423,241	$37,883,721	1
8	5,205			2	306	2,001	1,762	39	185	15	9,784	9,474	310	31,334	2
46	26,632					6,525	5,985	76	464		34,987	33,891	1,096	112,505	3
25	18,269					6,822	6,369	21	432		24,044	23,151	893	80,327	4
14	5,508					2,314	1,012	146	1,156		46,067	45,945	122	75,086	5
1,782	943,567	95	30,982	10	3,120	152,529	2,600	12,038	134,190	3,701	2,538,443	2,474,307	64,136	4,147,452	6
178	107,395	7	3,180	1	150	17,331	6,850	798	9,683		301,291	293,740	7,551	586,443	7
698	438,444					178,323	3,747	2,391	19,578	152,607	739,592	735,917	3,675	1,612,376	8
207	122,843					14,588	4,618	1,609	8,361		134,811	131,130	3,681	366,585	9
101	56,961	8	2,583	1	150	13,127	11,010	76	2,041		66,101	64,798	1,303	189,615	10
17	10,979	126	33,570			10,447	9,274	251	922		61,068	59,559	1,509	185,924	11

BY SPECIFIED INDUSTRIES: 1900—Continued.

MERIDEN—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
15	$11,475					$758	$584	$62	$112		$10,090	$9,885	$205	$20,300	26
20	10,870			3	$750	4,320	558	55	3,707		10,759	10,531	228	32,395	27
2	1,800					1,098	954	2	142		1,143	1,035	108	8,855	28
2,285	1,195,947	691	$208,364	62	13,090	471,286	18,912	34,658	417,716		2,392,308	2,298,093	94,215	5,293,104	29

planing mill products, including sash, doors, and blinds, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and materials, 2; paving and paving materials, 1; photolithographing and photoengraving, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; sausage, 1; smelting and refining, not from the ore, 1; soap and candles, 1; starch, 1; varnish, 1; window shades, 1; wood, turned and carved, 1; woolen goods, 1.

NEW BRITAIN.

6,542	$3,349,085	1,681	$442,228	215	$49,804	$956,848	$36,019	$73,294	$642,416	$205,119	$5,074,396	$4,863,305	$211,091	$12,260,782	1
4	2,550					1,183	718	76	289	100	11,270	10,927	343	26,850	2
8	5,254					1,008	845	29	134		6,467	6,098	369	25,420	3
6	2,718					1,688	1,554	9	70		7,161	6,894	267	21,107	4
14	7,573					945	380	211	354		42,988	42,925	63	63,000	5
42	21,532					2,854	1,764	366	724		72,210	70,280	1,930	117,067	6
144	81,828					202,245	580	668	906	200,091	198,003	197,770	233	528,425	7
16	8,292					1,170	690	224	256		9,348	8,962	386	27,655	8
22	12,549	3	797			3,340	2,264	11	565	500	15,912	15,478	434	46,002	9
1	700	4	968			390	370		20		5,212	5,200	12	11,015	10
4	2,040					1,762	1,440	18	304		3,957	3,758	199	14,900	11
5	2,604					757		257	500		57,625	57,126	499	71,739	12
534	207,384	6	1,623			53,716	120	4,952	48,129	515	167,941	144,435	23,506	676,571	13
6	3,334					992	903	19	70		6,912	6,815	97	16,120	14
3,396	1,686,396	584	134,131	131	20,808	437,327	6,000	35,192	396,135		2,483,300	2,387,116	96,184	5,796,636	15
26	9,480					468	60	212	196		30,584	30,560	24	47,900	16
55	22,179					1,792	125	82	85	1,500	39,971	39,941	30	84,114	17
		27	8,488			5,538	4,332	131	1,075		42,235	42,135	100	72,400	18
7	3,100					701	540	22	139		5,449	5,264	185	16,950	19
63	38,724					2,057	1,294	252	511		29,975	29,758	217	92,965	20
1	425	3	866			2,080	1,394	51	635		4,066	3,905	161	14,600	21
35	20,256					1,976	1,369	80	327	200	43,786	43,535	251	92,709	22
11	5,447			2	312	1,277	752	76	449		7,044	6,639	405	19,817	23
62	38,678	2	1,300	5	621	5,816	1,256	389	3,171	1,000	23,066	21,710	1,356	89,614	24
3	1,750					1,154	960	54	140		2,920	2,890	30	8,450	25
25	13,094	4	1,400			5,434	1,000	87	4,347		12,426	12,323	103	44,801	26
4	2,760					1,495	1,196	39	260		1,490	1,480	10	9,700	27
2,048	1,088,438	1,048	292,655	77	28,063	217,738	4,113	29,787	182,625	1,218	1,743,078	1,659,381	83,697	4,224,255	28

planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1; models and patterns, 1; monuments and tombstones, 1; needles and pins, 1; photolithographing and photoengraving, 1; rubber and elastic goods, 2; shirts, 1; soap and candles, 1; stamped ware, 1; surgical appliances, 1; tinsmithing, coppersmithing, and sheet-iron working, 1.

NEW HAVEN.

15,393	$8,547,342	4,884	$1,428,956	259	$40,273	$3,181,004	$289,483	$193,099	$2,277,087	$421,335	$18,493,593	$18,026,797	$466,796	$40,762,015	1
19	11,625	8	2,260			2,176	1,258	80	838		22,702	22,397	305	50,880	2
38	20,111					5,861	3,406	108	1,942	405	42,464	41,285	1,179	80,967	3
76	48,144			2	300	9,652	7,322	891	1,434	5	44,564	42,395	2,169	165,019	4
35	15,028			1	155	10,945	9,528	186	1,159	72	32,058	30,911	1,147	108,274	5
33	17,401					9,979	5,141	540	4,298		39,426	39,035	391	163,399	6
217	102,788	371	92,520	15	2,250	30,973	20,524	1,244	9,205		394,539	390,237	4,302	866,584	7
25	17,612					4,588	1,360	1,122	2,106		116,831	114,676	2,155	123,830	8
248	147,576	34	10,250	2	539	65,844	12,229	3,795	49,820		512,928	502,018	10,910	948,872	9
375	245,452					72,768	5,140	1,295	9,067	57,266	411,383	408,386	2,997	880,100	10
163	86,847	3	967			42,394	2,890	2,019	26,368	11,117	141,203	136,197	5,006	341,421	11
717	506,077	7	3,445			62,299	5,363	11,958	43,514	1,464	527,526	517,722	9,804	1,384,343	12
1,096	676,121	6	2,207			36,450			36,450		838,957	825,563	8,394	1,600,110	13
195	124,224	12	3,198	11	1,632	107,928	25,283	1,132	8,501	73,012	247,168	245,086	2,082	656,817	14
6	2,314	9	2,360			790	422	10	233	125	20,825	20,720	105	28,980	15
17	11,400	171	52,058	4	483	13,873	8,250	157	1,276	4,190	97,887	96,126	1,761	255,149	16
8	6,750	21	6,150			2,246	1,280	121	845		42,900	42,850	50	70,550	17
71	36,769	32	9,090			37,570	8,300	1,672	27,598		188,937	185,207	3,730	306,331	18
166	105,634	1,297	416,699	30	6,250	34,031	1,923	4,259	27,849		950,680	943,327	7,353	1,893,956	19
5	1,782	1	300			1,596	1,476		120		660	460	200	9,271	20
10	5,573					1,220	741	18	461		13,778	13,768	10	29,385	21

BY SPECIFIED INDUSTRIES: 1900—Continued.

BRIDGEPORT—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.										
28	$18,000	352	$122,080			$6,876	$780	$549	$5,467	$80	$104,994	$103,805	$1,189	$417,035	12
13	8,565	4	1,440			2,053	1,580	51	422		31,227	30,300	927	55,565	13
339	166,780	2,576	684,734	69	$26,000	162,823	4,130	11,887	146,806		1,676,728	1,667,374	9,354	3,224,158	14
316	138,037	34	9,525			23,318	700	585	22,033		105,160	101,710	3,450	364,324	15
						343	145		198		1,083	1,063	20	3,319	16
5	2,830	2	990	1	144	1,909	1,777		132		1,133	828	305	14,070	17
4	1,728					214	205		9		6,004	5,979	25	11,987	18
19	8,012					1,494	1,279	40	175		4,800	3,872	928	25,167	19
7	3,470					1,356	100	662	594		101,448	100,273	1,175	121,020	20
1,501	823,400	15	4,520	24	4,614	152,535	15,394	8,765	121,001	7,375	876,527	815,489	61,038	2,412,706	21
24	15,540	3	910			2,854	1,544	102	1,208		29,491	28,820	671	68,282	22
383	176,434	47	14,072			27,451	820	1,900	24,731		320,071	313,375	6,696	642,920	23
57	51,948					216,023		3,277	212,746		107,816	98,365	9,451	521,489	24
4	2,485					1,015	878	16	121		952	717	235	8,956	25
4	2,150					1,384	1,304		80		6,570	6,545	25	14,310	26
15	8,544					1,017	552	40	425		6,653	5,518	1,135	24,825	27
283	159,791					11,790	2,870	513	3,907	5,000	140,295	139,744	551	391,469	28
6	2,143	1	545			1,037	532	15	490		9,254	9,040	214	17,008	29
4	2,040	77	26,649	3	536	11,288	8,870	145	2,273		90,820	90,231	589	163,046	30
14	7,750					2,538	580	181	1,777		17,696	17,367	329	54,695	31
5	2,810			1	200	393	312	6	75		1,474	1,304	170	10,885	32
29	21,000					1,791	486	54	451	800	23,674	23,562	112	60,490	33
217	131,264			1	300	9,627	6,352	547	2,478	250	104,581	104,061	520	329,566	34
32	17,405					849	686	20	143		9,945	9,915	30	37,385	35
207	80,860					1,963	1,000	205	758		46,630	44,530	2,100	171,875	36
5	2,460	2	780			3,158	2,726	68	364		10,489	10,206	283	30,503	37
208	118,607	1	600			13,967	9,759	467	3,741		221,427	219,921	1,506	452,697	38
49	22,886	7	2,016			6,318	2,670	150	3,498		25,036	23,643	1,393	87,282	39
78	53,427	5	3,904			28,053	2,939	1,143	19,187	4,784	35,465	32,507	2,958	201,295	40
11	5,886					2,079	531		1,548		8,552	8,532	20	20,670	41
235	93,427	98	33,568	4	416	58,570	4,750	1,935	42,385	9,500	332,648	322,864	9,784	633,577	42
45	22,105	2	250			2,905	2,541	83	281		35,508	35,129	379	78,794	43
24	17,685					2,020	1,700		220	100	6,434	6,222	212	32,871	44
35	20,277	372	106,843			5,172	495	859	3,818		151,835	148,262	3,573	343,202	45
39	17,000	27	6,900			2,664	2,110	64	490		17,230	15,795	1,435	58,695	46
154	79,179					14,995	1,224	1,934	10,347	1,400	173,975	169,154	4,821	371,448	47
35	22,500			1	150	5,848	480	138	5,230		34,130	33,581	549	86,700	48
19	9,814	2	800	1	200	6,279	1,175	113	4,991		16,822	16,598	224	47,449	49
17	10,122			1	156	3,502	3,005	62	435		8,328	7,900	428	41,721	50
51	21,587	4	720			11,192	204	501	10,487		35,937	34,696	1,241	128,805	51
6,012	3,353,128	1,579	512,252	126	23,506	1,349,812	54,455	51,817	1,207,894	35,646	10,238,206	10,029,286	208,920	18,713,683	52

steel, 2; iron and steel, forgings, 2; japanning, 1; lamps and reflectors, 1; leather goods, 1; leather, tanned, curried, and finished, 1; lumber, planing mill products, including sash, doors, and blinds, 2; millinery and lace goods, 1; musical instruments, organs and materials, 1; ordnance and ordnance stores, 1; paper and wood pulp, 1; patent medicines and compounds, 1; phonographs and graphophones, 1; photolithographing and photoengraving, 1; plastering and stuccowork, 2; plated and britannia ware, 2; pottery, terra cotta, and fire-clay products, 1; printing materials, 2; sausage, 2; sewing machines and attachments, 2; silk and silk goods, 2; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 2; soap and candles, 1; sporting goods, 1; springs, steel, car, and carriage, 1; stereotyping and electrotyping, 1; taxidermy, 1; tools, not elsewhere specified, 1; toys and games, 1; typewriters and supplies, 1; typewriter repairing, 1; umbrellas and canes, 2; upholstering materials, 1; varnish, 2; wood, turned and carved, 2.

HARTFORD.

11,597	$7,068,658	1,698	$521,065	68	$14,086	$3,875,585	$252,105	$118,180	$1,666,192	$1,339,108	$14,103,167	$13,791,041	$312,126	$31,145,715	1
6	3,610	7	2,378			999	645	21	333		5,739	5,633	106	19,572	2
23	10,777					4,750	3,214	59	1,477		14,168	13,598	570	47,203	3
1,176	719,414	2	490	35	8,150	223,418	960	11,510	210,948		1,181,707	1,166,107	15,600	2,472,446	4
70	46,749					7,912	5,661	392	1,829	30	36,379	34,500	1,879	135,942	5
9	5,068	4	1,604	1	132	1,408	1,148	56	204		2,591	2,460	131	14,619	6
23	12,625					9,237	8,258	9	970		22,131	21,501	630	80,208	7
6	3,254	5	1,442			6,490	795	150	5,545		9,152	9,020	132	99,375	8
10	5,870	40	18,060			1,983	1,630	83	270		30,032	29,545	487	56,100	9
29	20,600					2,500	152	190	158	2,000	22,895	20,266	2,629	56,170	10
158	98,053	19	6,774			31,523	15,133	885	15,505		297,775	289,413	8,362	541,956	11
68	30,800					4,094	80	524	3,490		10,760	1,928	8,832	60,050	12
821	551,967					748,240	8,665	2,637	15,991	720,947	898,261	893,976	4,285	2,536,416	13
904	474,345					66,494	8,268	2,650	55,576		699,080	668,090	30,990	1,933,115	14
8	4,262	5	1,187			3,835	439		3,396		4,112	4,062	50	14,225	15
132	87,920	22	7,300	2	270	87,468	22,027	196	6,620	58,625	216,349	214,646	1,703	510,982	16
8	4,050	36	9,580			2,527	1,100	15	1,412		31,997	31,705	292	58,200	17
21	11,754	92	29,195			10,757	9,012	22	1,723		56,457	55,721	736	139,558	18
7	2,756	51	14,820			993	646	132	215		51,274	50,610	664	77,450	19
5	3,106					5,425	750	307	4,368		102,723	101,348	1,375	136,134	20
31	16,006	15	8,120			12,442	5,760	102	6,580		72,456	70,784	1,672	142,015	21

TABLE 8.—MANUFACTURES IN CITIES

HARTFORD—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	Druggists' preparations, not including prescriptions.	3	$3,725	$100	$200	$425	$3,000	4	1	$636	6	$2,050
23	Dyeing and cleaning	7	30,227	6,000	10,500	9,500	4,227	7	2	1,600	43	17,974
24	Electrical apparatus and supplies	7	586,334	25,000	64,985	81,530	414,919	3	29	54,221	341	128,560
25	Electrical construction and repairs	7	31,937			4,025	27,912	11	5	2,724	40	25,892
26	Flouring and grist mill products	3	109,125	24,000	38,500	19,925	26,700	5	13	15,857	26	15,839
27	Foundry and machine shop products	36	6,666,056	450,523	1,287,185	2,133,792	2,794,556	19	156	295,468	2,603	1,538,313
28	Fur goods	5	37,478			2,711	34,767	6	3	900	22	9,894
29	Furniture, cabinetmaking, repairing, and upholstering.	16	41,250	3,000	2,700	4,750	30,800	21			37	24,051
30	Hairwork	4	1,665			865	800	4			5	1,873
31	Hosiery and knit goods	3	33,267	2,500	5,000	9,767	16,000	6	5	4,258	52	16,015
32	Liquors, malt	4	889,021	26,911	288,500	316,845	256,765	1	32	44,280	99	82,050
33	Lock and gun smithing	4	2,800			1,250	1,550	4			3	1,584
34	Looking-glass and picture frames	5	41,695			3,950	37,745	6	6	4,044	19	12,118
35	Lumber, planing mill products, including sash, doors, and blinds.	7	178,927	22,000	27,567	44,917	84,443	7	13	11,476	98	68,276
36	Marble and stone work	3	17,250	3,000	1,000	4,850	8,400	7	1	425	25	16,191
37	Masonry, brick and stone	19	235,010	46,700	30,000	18,450	139,860	24	8	7,102	429	292,157
38	Millinery, custom work	15	96,125	7,500	14,000	3,135	71,490	25	1	600	118	42,615
39	Mineral and soda waters	5	44,275	5,500	15,000	16,700	7,075	6	1	780	24	13,072
40	Monuments and tombstones	5	44,950	6,600	8,000	6,100	24,250	7	7	3,760	37	26,976
41	Optical goods	3	19,100			3,200	15,900	4			7	3,730
42	Painting, house, sign, etc	41	105,230	5,000	7,700	16,098	76,441	47	8	6,176	203	139,855
43	Patent medicines and compounds	6	33,125	4,600	13,800	1,875	12,850	7	4	3,380	4	1,056
44	Paving and paving materials	5	148,378	5,000	5,000	34,991	103,387	3	13	19,000	114	58,451
45	Photography	14	32,608		150	19,286	13,172	14	5	2,800	28	15,475
46	Plumbing, and gas and steam fitting	42	193,889			27,282	166,607	51	18	10,748	268	161,562
47	Printing and publishing, book and job.	38	1,028,315	92,000	143,400	278,045	514,870	35	49	55,293	442	236,111
48	Printing and publishing, newspapers and periodicals.	18	374,477	52,000	62,700	109,840	149,937	11	52	60,498	193	133,868
49	Roofing and roofing materials	5	18,173	3,000	4,000	1,025	10,148	5	1	250	18	10,813
50	Saddlery and harness	10	225,311	10,000	44,800	25,418	145,098	11	13	8,720	194	96,911
51	Tinsmithing, coppersmithing, and sheet-iron working.	15	53,556	2,000	6,250	9,825	35,481	15	7	4,178	61	39,838
52	Tobacco, cigars and cigarettes	25	233,783	1,500	4,100	2,533	225,650	31	3	2,850	235	138,432
53	Watch, clock, and jewelry repairing	30	23,220	500	500	10,925	11,295	40			21	17,009
54	Wood, turned and carved	3	6,350			3,350	3,000	3	1	800	6	4,600
55	All other industries[1]	89	12,874,835	582,727	1,861,814	3,583,684	6,846,610	72	454	519,824	3,691	2,001,351

[1] Embraces baskets, and rattan and willow ware, 1; belting and hose, leather, 1; billiard tables and materials, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, wooden packing, 1; brooms and brushes, 2; carpets, rag, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; coffins, burial cases, and undertakers' goods, 1; cotton goods, 1; dentists' materials, 1; electroplating, 2; engraving and diesinking, 2; engraving, steel, including plate printing, 1; engraving, wood, 1; envelopes, 2; fertilizers, 1; firearms, 1; flavoring extracts, 1; food preparations, 1; furniture, factory product, 2; furs, dressed, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gold and silver, leaf and foil, 2; hand stamps, 2; hooks and eyes, 1; horseshoes, factory product, 1; ink, writing, 1; instruments, professional and scientific, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; iron and steel, pipe, wrought, 1; ironwork, architectural

MERIDEN.

1	All industries	260	$16,699,004	$1,143,532	$2,053,290	$4,098,124	$9,404,058	262	435	$690,756	7,531	$3,702,240
2	Bicycle and tricycle repairing	6	8,905			6,000	2,905	9	1	600	7	3,050
3	Blacksmithing and wheelwrighting	14	20,775	8,800	3,600	8,115	5,260	15			18	10,720
4	Boots and shoes, custom work and repairing.	25	3,127			1,632	1,495	25			5	2,300
5	Bottling	4	8,925			1,300	7,625	5			8	4,820
6	Bread and other bakery products	13	25,600	2,450	4,050	6,875	12,225	16	1	300	51	30,002
7	Carpentering	14	76,425	4,100	4,050	8,725	59,550	14	9	9,000	119	81,740
8	Clothing, men's, custom work and repairing.	16	22,500			3,510	18,990	16	1	1,000	48	25,950
9	Clothing, women's, dressmaking	17	5,720			1,300	4,420	18			33	9,522
10	Confectionery	3	4,600			2,200	2,400	3			10	4,790
11	Cutlery and edge tools	3	694,303	53,125	107,650	123,988	404,540	2	27	47,200	376	171,946
12	Druggists' preparations, not including prescriptions.	4	320			70	250	4				
13	Fancy articles, not elsewhere specified	4	192,289	200	13,640	26,416	152,033	3	19	28,315	122	37,975
14	Foundry and machine shop products	5	294,443	36,365	92,333	105,500	60,245	6	9	9,042	148	80,702
15	Hardware	6	3,145,052	493,472	326,500	579,161	1,745,919	5	43	68,293	1,102	541,314
16	Masonry, brick and stone	7	288,908	61,298	29,872	7,084	140,654	7	19	21,684	161	85,216
17	Millinery, custom work	9	9,830			430	8,900	9			20	6,475
18	Mineral and soda waters	3	23,500	3,500	9,500	8,600	1,900	3			12	6,300
19	Monuments and tombstones	4	16,775	3,700	4,250	2,225	6,600	4			7	5,140
20	Painting, house, sign, etc	8	32,225	4,000	3,500	3,350	21,375	8			77	50,280
21	Photography	4	6,200			3,600	2,600	5			3	1,500
22	Plated and britannia ware	8	6,161,030	205,436	783,300	1,747,158	3,425,136	1	115	236,912	2,048	1,055,862
23	Plumbing, and gas and steam fitting	6	27,080			5,885	21,195	7	3	1,951	37	22,702
24	Printing and publishing, book and job.	5	69,559	5,000	7,000	33,050	24,509	3	8	6,364	38	20,243
25	Saddlery and harness	4	5,475			1,275	4,200	5			3	1,395

BY SPECIFIED INDUSTRIES: 1900—Continued.

HARTFORD—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
5	$1,686	1	$364			$750	$511	$20	$219		$4,616	$4,486	$130	$9,917	22
23	12,252	20	5,722			2,912	1,492	170	1,250		9,047	7,795	1,252	40,479	23
180	95,606	160	82,769	1	$185	46,655	3,590	2,108	40,957		360,013	355,119	4,894	671,697	24
40	25,892					4,426	1,650	311	2,465		65,521	65,353	168	116,620	25
22	14,784	4	1,055			4,960		2,670	2,290		344,359	338,085	6,274	404,834	26
2,550	1,528,098	44	8,705	9	1,510	185,728	18,576	21,575	135,424	$10,148	1,373,585	1,301,974	71,611	3,718,608	27
5	4,175	17	5,719			5,193	2,322	290	2,581		82,301	32,151	150	62,499	28
37	24,051					4,793	3,044	182	1,567		30,183	29,777	406	90,792	29
1	780	4	1,093			1,641	1,534		107		1,573	1,558	15	9,439	30
1	312	49	15,403	2	300	1,515	550	130	835		25,999	25,824	175	59,710	31
99	82,050					329,106	1,200	7,022	320,884		208,743	192,930	15,813	742,038	32
3	1,584					563	520	3	40		1,001	816	185	7,000	33
18	11,543	1	575			2,654	1,531	158	965		30,043	29,912	131	57,264	34
98	69,276					9,330	975	1,198	7,157		311,178	308,575	2,603	430,091	35
25	16,191					1,935	175	60	1,700		23,638	23,113	520	54,712	36
429	292,157					365,573	1,676	1,244	10,451	352,202	489,216	487,268	1,948	1,288,801	37
15	6,826	102	35,557	1	232	7,033	3,494	822	2,717		152,221	151,856	365	261,695	38
24	13,072					3,471	120	254	3,097		16,052	15,702	350	54,058	39
37	26,976					3,682	704	463	2,515		45,387	45,229	158	95,798	40
7	3,730					3,885	2,350	85	1,450		15,907	15,783	124	34,880	41
202	139,585	1	270			10,003	5,394	464	4,145		79,244	78,709	535	301,947	42
3	1,756	1	200			3,753	200	153	3,400		7,820	7,610	210	35,825	43
114	58,451					9,901	1,178	491	8,232		161,862	158,417	3,445	290,512	44
21	12,464	6	2,836	1	175	9,755	7,329	78	2,348		13,780	13,090	690	65,785	45
267	161,412			1	150	25,233	16,777	268	8,188		326,419	324,571	1,848	626,327	46
331	202,347	108	33,250	3	514	151,533	15,784	4,432	35,154	96,163	252,420	247,997	4,423	876,854	47
182	127,328	11	6,540			111,754	6,345	3,057	87,654	14,698	79,649	71,189	8,460	454,850	48
18	10,813					1,037	372	55	610		30,215	30,130	85	52,060	49
170	90,142	18	5,471	6	1,298	23,970	3,276	1,620	19,074		213,088	211,805	1,283	386,129	50
60	39,682			1	156	5,195	3,123	129	1,943		38,088	37,720	368	123,776	51
190	120,876	45	17,556			45,760	6,357	332	39,071		164,333	163,903	430	391,584	52
20	17,709	1	200			7,933	5,631	52	750	1,500	10,339	9,988	351	58,472	53
6	4,600					879	555		324		6,056	5,820	236	15,755	54
2,879	1,748,466	807	256,871	5	1,014	750,584	39,427	48,344	580,018	82,795	5,413,238	5,311,873	101,365	10,123,671	55

and ornamental, 1; lithographing and engraving, 2; mattresses and spring beds, 1; models and patterns, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; needles and pins, 1; oil, not elsewhere specified, 1; paper hanging, 2; perfumery and cosmetics, 2; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 1; plated and britannia ware, 1; plumbers' supplies, 2; pocketbooks, 1; pottery, terra cotta, and fire-clay products, 2; rubber and elastic goods, 2; screws, machine, 2; screws, wood, 1; sewing machine repairing, 1; sewing machines and attachments, 2; ship and boat building, wooden, 1; shirts, 2; steam fittings and heating apparatus, 1; stencils and brands, 1; stereotyping and electrotyping, 1; tools, not elsewhere specified, 2; trunks and valises, 1; umbrellas and canes, 2; wirework, including wire rope and cable, 2; woodenware, not elsewhere specified, 1.

MERIDEN.

6,021	$3,266,697	1,435	$420,506	75	$15,637	$1,085,142	$47,614	$81,540	$851,388	$104,600	$5,861,612	$5,686,116	$175,496	$13,485,640	1
7	3,050					1,650	945	30	675		4,839	4,490	349	16,960	2
18	10,720					1,491	934	217	340		8,160	7,522	638	32,534	3
5	2,300					2,025	1,898		127		5,955	5,698	257	22,158	4
8	4,820					1,694	900	24	770		29,840	29,585	255	46,000	5
44	27,482	7	2,520			4,102	2,564	214	1,324		60,722	58,543	2,179	128,500	6
119	81,740					25,051	1,375	229	2,847	20,600	118,457	117,590	867	264,750	7
41	24,100	7	1,850			3,665	2,474	143	1,048		29,382	29,065	317	77,343	8
1	850	31	8,620	1	52	1,930	1,690	10	230		8,810	8,496	314	32,015	9
7	3,740	3	1,050			2,200	1,620	120	460		10,640	10,385	255	25,860	10
277	149,126	99	22,820			21,016	40	3,287	17,689		137,292	133,355	3,937	408,493	11
						409	200		209		955	915	40	2,980	12
49	22,145	69	15,350	4	480	17,206	950	459	15,797		83,519	81,639	1,880	200,447	13
143	79,115	5	1,587			16,639		2,810	14,329		80,144	73,360	6,784	293,097	14
887	474,614	213	66,350	2	350	125,159	405	11,405	113,349		635,153	602,348	32,805	1,619,149	15
161	85,216					94,172	400	981	10,791	82,000	219,858	218,901	457	455,289	16
		20	6,475			2,522	2,165	37	320		32,637	32,423	214	54,918	17
12	6,300					901		185	716		8,066	2,827	239	15,060	18
7	5,140					2,460	216	132	112	2,000	6,072	5,932	140	20,075	19
77	50,280					2,128	1,205	232	691		31,475	31,207	268	107,050	20
2	1,100	1	400			2,288	1,600	48	635		4,601	4,380	221	16,700	21
1,764	973,542	282	82,045	2	275	273,765	1,770	26,151	245,844		1,871,232	1,844,032	27,200	4,120,896	22
37	22,702					2,848	2,011	214	618		44,422	43,998	424	86,042	23
30	17,128	7	3,075	1	40	1,871	800	324	747		14,114	13,512	602	51,955	24
3	1,395					498	444	11	43		6,467	6,369	98	14,115	25

TABLE 8.—MANUFACTURES IN CITIES

MERIDEN—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.
26	Tinsmithing, coppersmithing, and sheet-iron working.	3	$18,685	$1,500	$3,000	$1,650	$12,535	2	1	$1,200	15	$11,475
27	Tobacco, cigars and cigarettes	5	11,400			500	10,900	6	1	750	23	11,620
28	Watch, clock, and jewelry repairing	8	2,910			1,565	1,345	8			2	1,800
29	All other industries [1]	52	5,572,943	255,586	661,045	1,411,960	3,244,352	53	178	258,145	3,038	1,417,401

[1] Embraces awnings, tents, and sails, 1; boots and shoes, factory product, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; carriages and wagons, 2; clocks, 1; electrical apparatus and supplies, 1; engraving and diesinking, 1; engraving, wood, 2; flouring and grist mill products, 2; furniture, cabinetmaking, repairing, and upholstering, 2; gas and lamp fixtures, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gold and silver, reducing and refining, not from the ore, 1; hand stamps, 1; hardware, saddlery, 1; house furnishing goods, not elsewhere specified, 1; ironwork, architectural and ornamental, 1; lamps and reflectors, 2; leather goods, 1; liquors, malt, 2; lock and gun smithing, 1; looking-glass and picture frames, 2; lumber and timber products, 1; lumber,

NEW BRITAIN.

1	All industries	226	$14,115,610	$739,464	$1,986,622	$3,130,174	$8,259,350	232	466	$545,057	8,438	$3,841,117
2	Bicycle and tricycle repairing	9	17,100	4,100	3,050	6,675	3,275	13	2	1,230	4	2,550
3	Blacksmithing and wheelwrighting	11	9,760	900	1,350	2,475	5,035	12			8	5,251
4	Boots and shoes, custom work and repairing.	21	4,890	200	450	2,015	2,225	22			6	2,718
5	Bottling	7	19,300	6,500	6,300	975	5,525	9			14	7,573
6	Bread and other bakery products	7	37,000	13,500	13,000	3,900	6,600	9	6	1,720	42	21,532
7	Carpentering	19	111,393	33,200	31,800	5,883	40,510	21	1	1,200	144	81,828
8	Carriages and wagons	5	26,553	8,100	4,800	1,478	12,175	7	1	500	16	8,292
9	Clothing, men's, custom work and repairing.	14	14,591			2,415	12,179	14			25	13,316
10	Clothing, women's, dressmaking	3	1,800			600	1,200	3			5	1,668
11	Confectionery	4	2,225			1,650	575	6	9	950	4	2,040
12	Flouring and grist mill products	3	60,069	19,042	14,000	6,750	20,277	3	1	394	5	2,604
13	Foundry and machine shop products	8	720,825	74,000	142,089	180,295	324,441	2	31	40,589	540	269,007
14	Furniture, cabinetmaking, repairing, and upholstering.	5	4,750	400	400	2,750	1,200	7			6	3,331
15	Hardware	7	7,648,350	277,751	1,095,402	1,836,403	4,888,794	1	264	287,947	4,111	1,841,335
16	Marble and stone work	4	29,850	9,800	4,600	950	14,500	4			26	9,480
17	Masonry, brick and stone	5	16,500	5,250	1,650	3,050	6,550	8			55	22,179
18	Millinery, custom work	6	15,373			430	14,943	8	6	2,800	27	8,488
19	Mineral and soda waters	4	7,200	500	100	4,350	2,250	4			7	3,100
20	Painting, house, sign, etc	8	38,680	2,200	2,400	2,350	31,730	9	2	1,332	63	38,724
21	Photography	4	7,600			5,300	2,300	6	1	500	4	1,291
22	Plumbing, and gas and steam fitting	11	48,941	9,600	15,000	3,275	21,666	12	5	3,658	35	20,256
23	Printing and publishing, book and job.	3	18,734			14,000	4,734	2	2	1,214	13	5,759
24	Printing and publishing, newspapers and periodicals.	6	112,332	7,000	16,000	64,243	25,089	4	8	6,096	69	40,599
25	Saddlery and harness	3	15,050			650	15,000	3			3	1,750
26	Tobacco, cigars and cigarettes	6	14,555	600	1,200	550	12,205	6	2	1,300	29	14,494
27	Watch, clock, and jewelry repairing	6	2,365			1,750	615	6			4	2,760
28	All other industries [1]	37	5,109,221	267,421	633,031	925,012	3,283,757	31	125	193,627	3,173	1,409,156

[1] Embraces book binding and blank book making, 2; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brassware, 1; brick and tile, 2; carriage and wagon materials, 1; cordials and sirups, 1; cutlery and edge tools, 2; dyeing and cleaning, 1; electrical apparatus and supplies, 1; fur goods, 1; gas, illuminating and heating, 1; hardware, saddlery, 1; hosiery and knit goods, 2; ice, manufactured, 1; jewelry, 1; looking-glass and picture frames, 2; lumber,

NEW HAVEN.

1	All industries	1,236	$30,463,066	$2,510,318	$3,645,198	$7,850,302	$16,457,248	1,269	1,600	$1,590,241	20,536	$10,016,571
2	Awnings, tents, and sails	5	27,075			2,300	24,775	5	2	1,950	27	13,885
3	Bicycle and tricycle repairing	28	53,771	1,000	200	20,400	32,171	28	2	362	38	20,111
4	Blacksmithing and wheelwrighting	55	109,648	35,025	29,576	13,440	31,607	63	1	1,200	78	48,444
5	Boots and shoes, custom work and repairing.	105	29,040	6,300	4,315	7,389	11,036	106			36	15,183
6	Bottling	40	68,482	16,060	9,150	12,817	30,455	43	4	3,920	38	17,401
7	Boxes, fancy and paper	6	695,371	8,000	14,287	331,995	341,089		39	46,968	603	197,503
8	Brass castings and brass finishing	4	144,376	44,830	35,787	35,364	28,395	3	5	2,875	25	17,512
9	Bread and other bakery products	41	579,278	61,010	143,450	213,514	161,304	43	50	39,785	279	158,365
10	Carpentering	62	297,037	39,765	49,375	44,491	163,406	66	21	17,346	375	245,452
11	Carriage and wagon materials	6	299,916	19,725	57,913	73,343	148,935	5	23	21,127	166	87,814
12	Carriages and wagons	24	1,672,171	151,912	300,925	95,260	1,124,074	25	35	45,446	724	509,522
13	Cars and general shop construction and repairs by steam railroad companies.	4	1,108,430	247,000	103,450	283,291	474,689		71	51,375	1,102	678,328
14	Clothing, men's, custom work and repairing.	85	232,198	3,800	2,200	11,111	215,087	96	7	7,250	218	129,054
15	Clothing, men's, factory product	3	9,589			400	9,189	5			15	4,674
16	Clothing, women's, dressmaking	62	54,620	7,700	1,300	8,285	37,335	68	9	6,670	192	63,941
17	Clothing, women's, factory product	3	23,700			2,200	21,500	4	2	2,000	29	12,900
18	Confectionery	18	289,381	29,700	64,766	65,577	129,338	18	39	25,090	103	45,859
19	Corsets	8	1,056,885	58,000	128,497	137,506	732,882	19	142	98,905	1,493	528,583
20	Dyeing and cleaning	4	1,165			640	525	4	2	1,000	6	2,032
21	Electrical construction and repairs	3	6,125			725	5,400	3	4	2,156	10	5,578

BY SPECIFIED INDUSTRIES: 1900—Continued.

MERIDEN—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
15	$11,475					$758	$584	$62	$112		$10,090	$9,885	$205	$20,300	26
20	10,870			3	$750	4,320	558	55	3,707		10,759	10,531	228	32,395	27
2	1,800					1,098	954	2	142		1,143	1,035	108	8,855	28
2,285	1,195,947	691	$208,364	62	13,090	471,286	18,912	34,658	417,716		2,392,308	2,298,093	94,215	5,293,104	29

planing mill products, including sash, doors, and blinds, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and materials, 2; paving and paving materials, 1; photolithographing and photoengraving, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; sausage, 1; smelting and refining, not from the ore, 1; soap and candles, 1; starch, 1; varnish, 1; window shades, 1; wood, turned and carved, 1; woolen goods, 1.

NEW BRITAIN.

6,542	$3,349,085	1,681	$442,228	215	$49,804	$956,848	$36,019	$73,294	$642,416	$205,119	$5,074,396	$4,863,305	$211,091	$12,260,782	1
4	2,550					1,183	718	76	289	100	11,270	10,927	343	26,850	2
8	5,254					1,008	845	29	134		6,467	6,098	369	25,420	3
6	2,718					1,688	1,554	9	70		7,161	6,894	267	21,107	4
14	7,573					945	380	211	354		42,988	42,925	63	63,000	5
42	21,532					2,854	1,764	366	724		72,210	70,280	1,930	117,067	6
144	81,828					202,245	580	668	906	200,091	198,003	197,770	233	528,425	7
16	8,292					1,170	690	224	256		9,348	8,962	386	27,655	8
22	12,549	3	797			3,340	2,264	11	565	500	15,912	15,478	434	46,002	9
1	700	4	968			390	370		20		5,212	5,200	12	11,015	10
4	2,040					1,762	1,440	18	304		3,957	3,758	199	14,900	11
5	2,604					757		257	500		57,625	57,126	499	71,739	12
534	207,384	6	1,623			53,716	120	4,952	48,129	515	167,941	144,435	23,506	676,571	13
6	3,334					992	903	19	70		6,912	6,815	97	16,120	14
3,396	1,686,396	584	134,131	131	20,808	437,327	6,000	35,192	396,135		2,483,300	2,387,116	96,184	5,796,636	15
26	9,480					468	60	212	196		30,584	30,560	24	47,900	16
55	22,179					1,792	125	82	85	1,500	39,971	39,941	30	84,114	17
		27	8,488			5,538	4,332	131	1,075		42,235	42,135	100	72,400	18
7	3,100					701	540	22	139		5,449	5,264	185	16,950	19
63	38,724					2,057	1,294	252	511		29,975	29,758	217	92,965	20
1	425	3	866			2,080	1,394	51	635		4,066	3,905	161	14,600	21
35	20,256					1,976	1,369	80	327	200	43,786	43,535	251	92,709	22
11	5,447			2	312	1,277	752	76	449		7,044	6,639	405	19,817	23
62	38,678	2	1,300	5	621	5,816	1,256	389	3,171	1,000	23,066	21,710	1,356	89,614	24
3	1,750					1,154	960	54	140		2,920	2,890	30	8,450	25
25	13,094	4	1,400			5,434	1,000	87	4,347		12,426	12,323	103	44,801	26
4	2,760					1,495	1,196	39	260		1,490	1,480	10	9,700	27
2,048	1,088,438	1,048	292,655	77	28,063	217,738	4,113	29,787	182,625	1,218	1,743,078	1,659,381	83,697	4,224,255	28

planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1; models and patterns, 1; monuments and tombstones, 1; needles and pins, 1; photolithographing and photoengraving, 1; rubber and elastic goods, 2; shirts, 1; soap and candles, 1; stamped ware, 1; surgical appliances, 1; tinsmithing, coppersmithing, and sheet-iron working, 1.

NEW HAVEN.

15,393	$8,547,342	4,884	$1,428,956	259	$40,273	$3,181,004	$289,483	$193,099	$2,277,087	$421,335	$18,493,593	$18,026,797	$466,796	$40,762,015	1
19	11,625	8	2,260			2,176	1,258	80	838		22,702	22,397	305	50,880	2
38	20,111					5,861	3,406	108	1,942	405	42,464	41,285	1,179	80,967	3
76	48,144			2	300	9,652	7,322	891	1,434	5	44,564	42,395	2,169	165,019	4
35	15,028			1	155	10,945	9,528	186	1,159	72	32,058	30,911	1,147	108,274	5
33	17,401					9,979	5,141	540	4,298		39,426	39,035	391	163,399	6
217	102,788	371	92,520	15	2,250	30,973	20,524	1,244	9,205		394,539	390,237	4,302	866,584	7
25	17,612					4,588	1,360	1,122	2,106		116,831	114,676	2,155	123,830	8
248	147,576	34	10,250	2	539	65,844	12,229	3,795	49,820		512,928	502,018	10,910	948,872	9
375	245,452					72,768	5,140	1,295	9,067	57,266	411,383	408,386	2,997	880,100	10
163	86,847	3	967			42,394	2,890	2,019	26,368	11,117	141,203	136,197	5,006	341,421	11
717	506,077	7	3,445			62,299	5,363	11,958	43,514	1,464	527,526	517,722	9,804	1,384,343	12
1,096	676,121	6	2,207			36,450			36,450		838,957	825,563	8,394	1,600,110	13
195	124,224	12	3,198	11	1,632	107,928	25,283	1,132	8,501	73,012	247,168	245,086	2,082	656,817	14
6	2,314	9	2,360			790	422	10	233	125	20,825	20,720	105	28,980	15
17	11,400	171	52,058	4	483	13,873	8,250	157	1,276	4,190	97,887	96,126	1,761	255,149	16
8	6,750	21	6,150			2,246	1,280	121	845		42,900	42,850	50	70,550	17
71	36,769	32	9,090			37,570	8,300	1,672	27,598		188,937	185,207	3,730	306,331	18
166	105,634	1,297	416,699	30	6,250	34,031	1,923	4,259	27,849		950,680	943,327	7,353	1,893,956	19
5	1,782	1	300			1,596	1,476		120		660	460	200	9,271	20
10	5,573					1,220	741	18	461		13,778	13,768	10	29,385	21

TABLE 8.—MANUFACTURES IN CITIES

NEW HAVEN—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	Electroplating	4	$5,260			$3,300	$1,960	6			8	$4,138
23	Engraving, wood	3	2,950			975	1,975	3				
24	Food preparations	3	103,439	$43,810	$20,000	11,500	28,129		11	$7,144	41	16,108
25	Foundry and machine shop products	34	2,305,630	249,305	264,567	436,591	1,355,167	24	91	108,550	911	506,984
26	Fur goods	8	36,445			2,185	34,260	9	2	1,520	35	16,158
27	Furniture, cabinetmaking, repairing, and upholstering.	30	90,814	10,700	7,100	28,138	44,876	28	7	6,744	103	49,049
28	Furniture, factory product	4	144,039	5,000	7,500	22,432	109,107	3	18	15,372	50	25,100
29	Glass, cutting, staining, and ornamenting.	4	7,900			2,200	5,700	4	1	100	10	7,300
30	Hairwork	4	1,115			65	1,050	4	1	150	2	400
31	Hardware	12	2,727,971	246,790	449,822	633,635	1,397,724	9	95	105,056	2,110	878,044
32	Hats and caps, not including fur hats and wool hats.	7	18,900			2,100	16,800	7	1	400	27	12,289
33	Lamps and reflectors	3	44,269			9,550	34,719	4	3	1,372	30	17,754
34	Liquors, malt	4	929,076	85,150	271,250	231,534	341,142	3	20	40,348	94	80,016
35	Lock and gun smithing	10	20,425			4,300	16,125	11			13	7,316
36	Looking-glass and picture frames	7	36,040			715	35,325	9			12	6,930
37	Lumber, planing mill products, including sash, doors, and blinds.	5	631,559	239,200	67,100	65,451	259,808	1	21	26,993	137	64,470
38	Marble and stone work	6	194,555	30,000	54,977	16,758	92,820	9	6	4,500	347	153,220
39	Masonry, brick and stone	17	164,608	7,050	7,225	31,575	118,758	20	15	17,980	483	160,169
40	Mattresses and spring beds	3	63,141			25,777	37,364	4	6	6,250	30	14,470
41	Millinery, custom work	27	93,870	2,200	3,250	2,245	85,675	35	27	4,544	111	45,897
42	Mineral and soda waters	7	65,275	4,300	14,200	23,800	22,975	8	12	7,240	27	12,294
43	Models and patterns	3	10,050	2,000	1,000	2,450	4,600	3			6	4,300
44	Monuments and tombstones	8	64,886	18,075	6,875	4,317	35,619	9	1	377	34	18,014
45	Painting, house, sign, etc	33	41,937	1,400	500	9,602	30,435	33	8	4,350	136	78,400
46	Paper hanging	8	18,065	60	150	1,980	15,875	8	5	3,360	56	35,797
47	Patent medicines and compounds	16	138,266	500	2,350	10,090	125,826	11	70	31,077	34	12,909
48	Paving and paving materials	7	52,494	14,200	13,325	9,150	15,819	8	3	2,500	59	31,156
49	Photography	16	32,449			16,427	16,022	19	2	676	25	14,268
50	Pickles, preserves, and sauces	3	34,829	3,300	5,700	4,300	21,529	2	7	3,454	20	8,553
51	Plumbing, and gas and steam fitting	52	375,671	45,150	34,000	47,560	248,961	52	31	33,481	355	224,432
52	Pottery, terra cotta, and fire-clay products.	3	45,245	9,500	10,500	4,700	20,545	2	8	10,476	36	17,440
53	Printing and publishing, book and job	35	513,982	38,200	65,950	261,350	148,482	41	47	31,474	285	127,332
54	Printing and publishing, newspapers and periodicals.	15	235,312			162,577	72,735	9	43	48,545	127	91,330
55	Roofing and roofing materials	3	8,475	3,000	1,300	1,675	2,500	3	1	312	10	7,490
56	Saddlery and harness	18	36,882	2,000	1,500	4,765	28,617	19			36	21,150
57	Sewing machines and attachments	3	333,550	6,000	45,000	166,600	120,950	3	10	10,360	529	237,400
58	Ship and boat building, wooden	5	17,400	5,500	1,500	3,600	6,800	5			11	7,190
59	Shirts	5	13,614	100	225	2,470	10,819	4	4	2,000	28	8,548
60	Starch	7	375,200	19,500	21,350	157,145	177,205	6	92	57,180	111	39,828
61	Tinsmithing, coppersmithing, and sheet-iron working.	22	70,982	7,150	9,600	8,894	45,338	22	4	4,600	81	50,939
62	Tobacco, cigars and cigarettes	36	159,625	12,950	29,100	5,025	112,550	41	3	3,400	318	183,310
63	Toys and games	4	97,365	3,200	6,300	20,817	67,048	3	8	7,756	66	23,721
64	Varnish	3	31,482	400	800	6,572	23,710	3	4	2,000	3	1,907
65	Watch, clock, and jewelry repairing	39	22,708	80	120	10,443	12,065	46	2	500	27	16,946
66	Wirework, including wire rope and cable.	5	165,263	9,450	16,000	48,647	91,166	6	12	17,560	175	58,417
67	All other industries[1]	119	13,117,295	655,271	1,259,871	3,964,272	7,237,881	101	440	585,115	7,840	3,814,542

[1] Embraces agricultural implements, 1; ammunition, 1; artificial limbs, 1; bags, paper, 1; bicycles and tricycles, 1; billiard tables and materials, 1; bluing, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; boots and shoes, rubber, 1; boxes, cigar, 1; boxes, wooden packing, 1; brass, 1; brassware, 2; bridges, 1; brooms and brushes, 1; buttons, 2; card cutting and designing, 1; carpets, rag, 1; carriages and sleds, children's, 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; cleansing and polishing preparations, 2; clocks, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; cork, cutting, 1; cotton goods, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; dyeing and finishing textiles, 1; enameling and enameled goods, 1; engraving and diesinking, 2; engraving, steel, including plate printing, 2; fertilizers, 1; files, 1; firearms, 2; flavoring extracts, 2; flouring and grist mill products, 1; fur hats, 1; gas and oil stoves, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glue, 1; grease and tallow, 1; hand stamps, 1; hard-

WATERBURY.

1	All industries	404	$23,421,640	$1,948,595	$3,271,086	$5,807,273	$12,394,786	382	699	$1,005,814	14,914	$7,564,198
2	Bicycle and tricycle repairing	7	5,173			2,920	2,253	9			7	3,396
3	Blacksmithing and wheelwrighting	18	95,606	42,175	23,050	11,325	19,056	18	2	1,050	45	32,240
4	Boots and shoes, custom work and repairing.	42	8,346	1,000	450	3,674	3,222	43			10	4,154
5	Bottling	14	13,940	500	875	4,135	8,430	14			24	12,654
6	Brass castings and brass finishing	3	4,199,786	165,807	576,254	1,255,084	2,202,691	1	64	140,140	2,238	1,186,960
7	Brassware	6	5,490,356	676,892	805,240	1,395,923	2,612,301	1	99	163,553	2,616	1,386,161
8	Bread and other bakery products	17	99,496	15,530	22,400	19,650	41,916	5	10	7,276	88	50,717
9	Buttons	3	352,428	40,000	50,000	104,653	157,775	1	16	22,318	479	183,821
10	Carpentering	12	268,462	21,700	20,585	29,558	196,619	9	15	23,950	280	147,612
11	Carriages and wagons	4	61,945	22,200	12,650	1,750	25,345	6	3	1,567	36	17,053

IDUSTRIES: 1900—Continued.

NEW HAVEN—Continued.

OF WAGE-EARNERS AND GES—continued.				MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
nen, 16 years nd over.		Children, under 16 years.											
r- n-	Wages.	Average number.	Wages.	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.		
---	----------	------	----------	$1,105	$880	----------	$225	----------	$1,568	$1,338	$225	$11,400	22
---	----------	------	----------	1,304	259	----------	30	$1,015	257	225	32	5,100	23
2	$11,168	------	----------	19,012	840	$567	17,605	----------	36,672	35,022	1,650	116,547	24
6	2,430	2	$406	84,865	8,530	11,425	64,452	458	742,883	704,884	37,999	1,716,028	25
4	6,692	------	----------	6,569	1,699	41	2,829	2,000	28,850	28,631	219	73,425	26
4	1,091	1	200	14,627	8,266	579	3,882	1,900	75,884	73,993	1,891	183,062	27
1	200	------	----------	13,975	495	165	8,715	4,600	140,775	140,335	440	245,495	28
---	----------	------	----------	1,012	725	60	227	----------	3,004	2,857	147	17,693	29
2	400	------	----------	493	406	2	85	----------	1,393	1,370	23	4,120	30
9	70,376	60	10,317	221,183	5,575	20,940	178,668	16,000	864,785	829,280	35,505	2,218,082	31
5	1,283	1	200	4,015	1,470	39	2,006	500	24,180	23,934	246	54,409	32
---	----------	2	288	1,631	1,150	101	380	----------	10,480	9,532	948	39,280	33
---	----------	------	----------	338,248	4,000	5,309	328,939	----------	180,290	168,794	11,496	799,441	34
3	1,200	1	300	1,740	1,281	129	330	----------	6,897	6,619	278	23,450	35
---	----------	1	150	1,499	1,215	32	252	----------	38,560	38,307	253	61,875	36
---	----------	------	----------	38,605	----------	3,985	34,620	----------	411,111	410,341	770	568,910	37
---	----------	------	----------	4,347	402	925	2,020	1,000	156,682	151,382	5,300	388,915	38
---	----------	------	----------	102,390	1,286	406	10,673	90,025	189,871	188,176	1,695	634,952	39
4	1,160	------	----------	7,528	1,816	459	5,253	----------	50,013	49,218	795	117,918	40
07	44,089	------	----------	14,148	11,184	464	2,400	100	115,213	113,154	2,059	235,150	41
---	----------	------	----------	6,961	1,506	369	5,086	----------	31,449	30,557	892	76,537	42
---	----------	------	----------	803	540	69	194	----------	3,644	3,102	542	11,300	43
---	----------	------	----------	3,308	180	747	725	1,656	18,958	18,543	415	59,326	44
15	2,880	1	250	12,054	4,219	216	7,619	----------	66,385	65,982	403	213,665	45
---	----------	------	----------	4,392	1,326	144	2,922	----------	25,453	25,251	202	79,764	46
20	6,887	------	----------	85,693	5,323	847	77,023	2,500	67,153	66,234	919	257,719	47
---	----------	------	----------	1,216	12	421	783	----------	23,387	22,747	640	82,217	48
5	1,936	------	----------	9,294	7,399	49	1,201	645	19,355	19,022	333	67,844	49
3	762	------	----------	7,019	600	180	6,239	----------	16,154	15,768	386	43,957	50
---	----------	4	500	40,493	13,621	1,623	25,249	----------	307,251	304,490	2,761	765,320	51
---	----------	------	----------	2,812	535	539	1,738	----------	19,863	14,673	5,190	54,330	52
67	17,607	------	----------	132,459	14,615	2,397	41,558	73,889	184,999	179,376	5,623	583,889	53
3	1,012	18	1,294	40,248	7,554	1,646	14,638	16,410	80,279	76,636	3,643	354,314	54
---	----------	------	----------	468	135	30	303	----------	20,773	20,623	150	31,325	55
2	500	------	----------	5,287	3,643	210	934	500	19,765	19,310	455	67,404	56
00	26,000	16	2,400	42,719	2,800	1,019	5,900	33,000	136,593	132,175	4,418	497,300	57
---	----------	------	----------	808	396	87	325	----------	6,925	6,920	5	19,685	58
23	5,808	------	----------	2,231	940	2	299	990	17,728	17,350	378	38,423	59
5	1,990	------	----------	56,856	1,180	1,561	51,727	2,388	284,764	283,430	1,334	587,000	60
---	----------	------	----------	5,425	2,912	292	2,221	----------	60,166	59,403	763	161,327	61
68	16,190	2	100	60,440	5,234	9,205	46,001	----------	229,446	228,638	808	558,423	62
19	5,625	8	1,325	15,975	1,600	237	2,138	12,000	43,234	41,939	1,295	104,334	63
---	----------	------	----------	4,380	550	230	3,600	----------	37,002	36,764	238	49,344	64
2	600	1	156	12,865	6,289	180	1,821	4,575	17,547	16,937	610	74,115	65
31	6,667	2	416	15,554	815	1,132	13,607	----------	136,142	134,683	1,459	245,832	66
72	592,899	74	10,362	1,170,765	32,244	93,432	1,046,561	7,528	8,807,399	8,540,486	266,913	18,112,436	67

ery and knit goods, 2; ice, manufactured, 1; iron and steel, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 2; and ornamental, 2; leather goods, 2; leather, tanned, curried, and finished, 1; lime and cement, 2; millinery and lace goods, 2; mucilage instruments, organs and materials, 1; musical instruments, pianos and materials, 1; needles and pins, 1; oil, not elsewhere specified, 1; and wood pulp, 1; pens, fountain and stylographic, 1; perfumery and cosmetics, 1; photographic apparatus, 1; photolithographing and stering and stuccowork, 1; plumbers' supplies, 1; registers, car fare, 1; rubber and elastic goods, 1; safes and vaults, 1; sausage, 1; screws, chine repairing, 2; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat d refining, not from the ore, 2; soap and candles, 1; sporting goods, 1; springs, steel, car and carriage, 1; stamped ware, 1; steam packing, 1; otyping, 2; surgical appliances, 1; tools, not elsewhere specified, 2; trunks and valises, 1; window shades, 2; wood, turned and carved, 2.

WATERBURY.

87	$1,369,527	348	$86,137	$1,664,050	$122,849	$115,560	$1,143,591	$282,050	$19,821,401	$19,303,364	$518,037	$33,778,905	1
---	----------	------	----------	1,936	1,887	----------	424	125	6,281	5,843	438	18,255	2
---	----------	------	----------	3,943	1,590	435	1,918	----------	21,180	20,163	1,017	85,145	3
---	----------	------	----------	5,133	4,700	18	415	----------	12,259	11,688	571	40,947	4
---	----------	------	----------	4,906	2,200	165	2,541	----------	51,224	50,846	378	94,906	5
91	212,500	38	6,100	207,275	96	17,329	189,850	----------	3,036,785	2,931,085	105,700	5,050,539	6
64	225,048	86	14,101	322,535	----------	23,708	298,827	----------	5,784,543	5,646,621	137,922	8,188,492	7
1	416	1	375	10,420	2,868	495	7,057	----------	207,583	198,025	9,558	331,936	8
23	76,415	28	2,869	99,680	2,789	2,808	21,851	72,232	248,242	242,119	6,123	643,354	9
---	----------	------	----------	82,487	5,276	822	5,794	170,595	383,889	382,203	1,686	834,070	10
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TABLE 8.—MANUFACTURES IN CITIES

WATERBURY—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.
12	Clothing, men's, custom work and repairing.	28	$41,030	$7,100	$2,600	$4,175	$27,155	30	3	$3,100	47	$24,638
13	Clothing, women's, dressmaking	18	9,107			3,017	6,090	23			90	34,030
14	Clothing, women's, factory product	3	4,875			575	4,300	3			24	10,872
15	Confectionery	6	8,950			3,750	5,200	7	7	1,456	6	3,281
16	Electrical construction and repairs	3	4,400			400	4,000	4	1	150	7	3,100
17	Engraving and diesinking	6	12,750	2,000	900	7,350	2,500	6			2	1,120
18	Foundry and machine shop products	12	563,267	24,700	74,350	120,422	348,795	6	44	67,872	720	401,241
19	Furniture, cabinetmaking, repairing, and upholstering.	5	3,150			800	2,350	5			6	3,888
20	Looking-glass and picture frames	5	11,350			655	10,695	7	1	676	2	628
21	Masonry, brick and stone	15	175,834	34,800	24,400	26,899	89,735	21	21	14,136	382	203,585
22	Millinery, custom work	15	54,234	5,000	4,000	1,159	44,075	19	1	1,000	72	38,107
23	Mineral and soda waters	5	23,900	7,100	3,000	7,100	6,700	8			12	6,010
24	Painting, house, sign, etc	20	124,778	4,575	4,700	7,540	107,963	20	6	4,252	110	72,475
25	Paper hanging	5	21,665	1,050	525	1,240	18,850	3	10	6,960	43	25,196
26	Paving and paving materials	6	20,375	4,700	3,500	2,050	10,125	7			43	19,374
27	Photography	7	15,250		1,000	8,750	5,500	9			9	5,453
28	Plastering and stuccowork	4	5,075	1,200	600	225	3,050	4			15	11,207
29	Plumbing, and gas and steam fitting	18	222,082	5,200	5,150	10,710	201,022	16	22	17,111	165	83,068
30	Printing and publishing, book and job	7	58,077			32,994	25,083	6	13	7,834	37	20,655
31	Printing and publishing, newspapers and periodicals.	3	146,792	10,000	25,000	52,700	59,092	1	8	9,246	103	75,533
32	Saddlery and harness	4	12,650			1,200	11,450	4			12	6,304
33	Stamped ware	4	712,710	44,300	87,500	211,450	369,460		32	56,277	320	352,627
34	Tinsmithing, coppersmithing, and sheet-iron working.	3	44,435	6,000	8,000	7,425	23,010	2	3	3,500	47	23,654
35	Tobacco, cigars and cigarettes	11	27,343			535	26,808	12			16	13,395
36	Watch, clock, and jewelry repairing	12	6,702			3,700	3,002	10			10	6,252
37	All other industries[1]	53	10,495,321	805,066	1,514,307	2,461,830	5,714,118	32	318	452,390	6,296	3,093,723

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 2; brass and copper, rolled, 2; chemicals, 1; clocks, 2; cutlery and edge tools, 1; dyeing and cleaning, 1; flouring and grist mill products, 1; fur goods, 1; fur hats, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; grease and tallow, 2; hand stamps, 1; hardware, 2; hosiery and knit goods, 1; instruments, professional and scientific, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; lamps and reflectors, 1; liquors, malt, 1; lock and gun smithing, 1; lumber, planing mill

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	4,129	$140,883,217	$7,509,001	$23,857,853	$36,119,896	$73,846,967	4,277	3,609	$4,596,741	77,661	$34,436,297
2	Ansonia	94	6,309,281	401,125	1,208,000	1,453,241	3,246,915	83	190	202,296	3,407	1,769,361
3	Berlin	80	1,915,065	134,761	306,865	373,105	1,100,334	25	61	110,094	996	500,530
4	Bethel	47	437,800	16,330	52,500	132,756	236,214	54	43	47,370	780	383,252
5	Branford	40	802,721	128,195	219,978	133,288	321,260	37	25	31,652	908	426,952
6	Bristol	143	3,764,528	306,052	828,698	911,246	1,718,532	135	142	199,424	2,476	1,188,943
7	Brooklyn	17	1,404,043	29,650	391,825	616,975	365,593	13	11	18,038	725	226,824
8	Danbury	283	3,636,619	173,648	345,101	1,051,208	2,066,662	344	168	146,665	4,296	2,017,155
9	Derby	84	4,328,442	195,800	522,482	1,222,401	2,387,759	79	72	112,427	2,311	1,116,078
10	East Haddam	27	390,850	11,750	42,200	109,750	227,150	27	6	3,400	337	104,754
11	East Hartford	56	866,125	95,120	269,592	315,165	186,248	57	21	32,353	439	212,424
12	East Windsor	26	751,474	18,375	182,422	149,256	401,421	24	12	18,829	361	158,775
13	Enfield	40	4,022,477	71,210	381,575	1,273,771	2,295,921	41	63	107,556	1,469	579,853
14	Fairfield	42	221,548	14,290	34,265	46,875	126,118	47	7	13,200	130	71,727
15	Farmington	38	554,437	53,550	110,200	158,990	231,697	39	26	30,866	553	226,135
16	Glastonbury	42	1,888,950	53,080	255,574	411,762	668,534	41	49	53,934	662	302,944
17	Greenwich	74	1,453,496	76,000	141,690	446,666	789,140	76	55	61,104	915	403,556
18	Griswold	30	2,175,383	149,600	859,892	629,049	536,842	30	16	33,064	813	329,266
19	Groton	16	59,070	11,975	11,975	7,910	27,210	20	6	4,800	94	55,820
20	Guilford	41	247,715	22,900	36,400	92,055	96,360	47	5	2,350	182	89,545
21	Hamden	25	801,581	94,802	152,914	206,469	347,396	25	34	46,913	494	204,010
22	Huntington	64	3,121,834	184,200	504,788	735,067	1,697,829	63	98	130,927	1,622	701,333
23	Killingly	74	2,174,445	213,247	392,441	767,675	801,082	70	35	46,402	1,263	441,033
24	Manchester	93	7,330,806	160,100	1,117,850	1,379,689	4,673,167	98	137	217,290	3,118	1,370,656
25	Middletown	188	5,100,485	348,664	851,250	1,199,573	2,700,998	203	155	171,400	2,916	1,199,713
26	Milford	48	365,464	10,475	35,025	62,533	257,431	45	19	22,833	325	137,326
27	Montville	27	1,229,620	69,886	177,919	267,342	714,473	29	32	42,873	655	215,810
28	Naugatuck	75	6,673,684	190,060	609,417	895,236	4,978,971	67	83	121,944	3,297	1,665,944
29	New Hartford	27	870,874	44,100	197,125	182,342	447,307	24	14	17,674	1,006	289,244
30	New London	238	4,522,003	345,825	733,005	1,123,151	2,320,022	261	137	131,401	2,658	1,196,218
31	New Milford	58	783,294	47,975	220,308	151,580	363,481	67	41	47,053	526	253,231
32	Newtown	29	449,505	4,510	72,928	64,720	307,347	29	12	21,250	312	146,122
33	Norwalk	247	4,129,841	367,084	592,205	1,009,719	2,160,833	265	124	150,776	3,172	1,586,509
34	Norwich	273	8,566,437	793,438	1,595,188	2,199,900	3,977,911	287	189	238,460	4,411	1,983,600
35	Orange	62	1,017,066	31,589	100,565	130,617	754,345	52	26	34,296	531	252,425
36	Plainfield	51	2,713,962	189,550	571,350	984,065	968,997	55	22	38,553	1,205	424,147
37	Plainville	35	399,775	26,477	83,381	148,032	141,885	33	13	16,291	337	136,815
38	Portland	28	463,585	24,240	55,202	158,339	225,804	28	18	19,187	497	184,361
39	Preston	19	650,847	11,020	113,950	118,175	407,702	24	6	3,600	264	96,487
40	Putnam	93	2,019,685	124,808	342,903	660,842	891,132	91	43	48,009	1,631	537,087
41	Seymour	35	2,148,123	115,700	272,390	637,782	1,122,251	32	47	70,824	833	439,908

BY SPECIFIED INDUSTRIES: 1900—Continued.

WATERBURY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
46	$24,314	1	$324			$15,453	$5,120	$191	$1,648	$8,494	$40,864	$39,935	$929	$113,617	12
16	9,889	74	24,150			5,530	4,161	477	832	60	108,701	108,053	648	171,422	13
15	7,904	9	2,968			1,752	1,344	17	391		20,130	20,046	84	40,320	14
6	3,281					1,978	1,280	34	659		18,207	17,785	422	37,554	15
7	3,100					372	294	6	72		8,861	8,750	111	17,642	16
2	1,120					787	498	35	254		452	297	155	12,515	17
718	400,841			2	$400	44,193	4,070	5,511	34,362	250	227,361	205,188	22,173	990,993	18
6	3,888					1,642	996		646		6,608	6,433	175	14,167	19
2	628					1,055	721	15	319		6,008	5,813	195	13,415	20
375	202,475			7	1,110	38,810	2,246	1,236	10,328	25,000	288,372	287,452	920	598,671	21
		72	38,107			12,285	5,534	288	5,113	1,300	70,223	69,229	994	136,021	22
12	6,010					3,514	661	202	2,651		18,366	17,908	458	43,379	23
104	70,005	6	2,470			7,804	2,762	282	4,760		65,951	65,156	795	179,070	24
43	25,196					4,348	2,320	68	1,960		35,035	34,763	272	79,230	25
43	19,374					5,572	280	97	4,215	980	22,250	21,981	269	60,075	26
7	4,412	2	1,041			4,303	3,197	27	1,079		8,435	7,946	489	30,840	27
15	11,207					2,658	165	8	710	1,775	10,784	10,784		29,126	28
165	83,068					14,884	7,122	624	7,138		179,978	178,241	1,737	357,938	29
31	18,820	3	1,318	3	517	6,681	2,808	290	3,483	100	23,551	22,499	1,052	65,202	30
89	68,516	13	6,887	1	130	16,568	1,050	395	15,123		19,063	17,035	2,028	135,283	31
12	6,304					1,733	1,510	45	178		12,489	12,308	181	24,540	32
455	233,677	306	100,449	59	18,501	24,670		3,909	20,761		444,015	436,400	7,615	975,822	33
47	23,654					3,219	1,020	158	2,041		69,029	68,483	546	108,340	34
16	13,395					5,384	1,755	50	3,579		14,255	13,876	379	41,375	35
10	6,252					2,293	1,791		502		2,885	2,486	349	17,913	36
4,397	2,374,463	1,772	677,434	127	41,826	595,310	49,118	55,219	490,259	714	8,334,976	8,123,904	211,072	14,149,550	37

products, including sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 1; models and patterns, 1; monuments and tombstones, 1; needles and pins, 1; patent medicines and compounds, 1; plated and britannia ware, 2; roofing and roofing materials, 1; rubber and elastic goods, 1; sausage, 2; shirts, 1; smelting and refining, not from the ore, 1; tools, not elsewhere specified, 2; upholstering materials, 2; varnish, 1; watch and clock materials, 1; watches, 1; wirework, including wire rope and cable, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

55,645	$28,141,462	20,006	$5,945,994	2,010	$348,841	$8,433,463	$619,782	$569,553	$6,411,988	$832,145	$89,494,891	$87,017,114	$2,477,777	$156,664,358	1
2,886	1,627,555	515	141,203	6	603	348,682	13,496	27,314	293,367	14,505	15,051,022	14,786,728	264,294	18,736,179	2
902	476,495	92	29,691	2	344	70,972	1,136	3,703	63,098	3,035	1,242,414	1,194,699	47,715	2,222,134	3
533	319,905	244	62,897	3	450	70,204	5,989	2,194	44,266	17,755	592,921	575,168	17,753	1,229,651	4
808	404,977	70	15,860	30	6,115	40,871	1,641	2,682	32,178	4,370	239,507	213,199	26,308	917,147	5
1,920	1,030,305	541	155,292	15	3,346	207,650	13,281	19,152	162,265	12,952	2,224,314	2,142,149	82,165	4,364,097	6
418	146,606	267	76,346	45	3,872	38,895	621	7,089	30,585	600	351,198	338,709	12,489	756,285	7
3,004	1,635,632	1,276	379,332	16	2,191	406,556	52,817	16,760	329,792	7,187	3,542,000	3,423,153	118,847	7,213,555	8
1,696	955,353	580	153,190	35	7,535	302,878	14,412	13,142	260,224	15,100	1,304,256	1,266,919	37,337	3,456,561	9
179	63,619	153	40,321	5	814	73,616	879	2,203	56,795	13,739	209,940	206,678	3,262	482,649	10
359	190,471	79	21,901	1	52	82,460	2,099	3,720	58,484	18,157	475,047	446,487	28,560	923,769	11
249	129,744	94	26,414	18	2,617	224,571	495	3,877	218,824	1,375	541,571	520,637	20,934	1,016,216	12
919	440,120	486	131,876	54	7,857	100,058	3,194	15,609	80,055	1,200	1,139,636	1,096,518	43,118	2,090,609	13
120	70,111	10	1,616			49,276	1,436	702	37,138	10,000	319,911	316,389	3,522	538,225	14
405	188,300	147	37,535	1	300	54,409	2,149	3,345	44,915	4,000	352,143	322,567	29,576	802,867	15
483	241,968	150	54,416	29	6,560	215,514	3,606	5,021	205,662	1,225	698,970	678,494	20,476	1,523,464	16
811	382,600	93	24,176	11	1,780	91,999	7,578	3,588	33,033	47,800	764,776	743,787	21,039	1,541,933	17
598	271,836	176	49,296	39	8,134	123,772	1,358	10,613	110,611	1,190	505,748	454,263	51,485	1,173,969	18
92	54,989	2	881			6,032	1,409	332	1,791	2,500	88,731	87,511	1,220	197,106	19
140	79,755	37	8,640	5	1,150	7,561	714	1,094	3,383	2,370	119,088	116,378	2,710	293,430	20
398	181,164	89	21,598	7	1,248	35,611	2,864	3,074	18,495	11,178	373,190	349,614	23,576	757,239	21
1,142	571,324	426	121,145	54	8,864	219,959	16,700	10,372	170,017	22,870	2,267,661	2,178,321	89,340	3,917,477	22
793	314,055	424	120,279	46	6,699	131,734	9,755	12,151	97,828	12,000	811,679	778,084	33,595	1,705,997	23
1,870	961,899	1,224	401,807	24	6,950	194,812	7,247	26,719	139,364	21,482	3,084,627	3,009,460	75,167	5,939,943	24
1,969	951,731	790	221,926	157	26,056	237,604	18,618	20,147	168,292	30,547	2,636,493	2,571,815	64,678	4,825,649	25
199	101,758	116	34,668	10	900	15,447	5,557	463	6,417	3,010	244,282	239,432	4,850	502,036	26
420	151,637	203	58,505	32	5,668	50,514	1,366	6,054	42,544	550	788,588	769,039	19,549	1,252,067	27
2,224	1,205,975	1,041	452,107	32	7,862	323,834	24,001	34,463	235,820	29,550	6,152,981	6,055,757	97,224	9,126,199	28
489	178,636	429	96,670	88	13,938	37,237	1,252	4,876	21,009	10,100	626,927	620,899	6,028	1,089,322	29
1,881	998,219	761	195,593	16	2,406	501,879	39,620	11,483	311,604	139,172	2,804,586	2,767,231	37,305	5,569,615	30
438	221,142	84	30,781	4	1,308	62,530	3,342	1,743	38,375	19,070	412,697	387,042	25,655	907,907	31
290	142,114	22	4,008			23,737	878	2,039	20,820		597,998	577,823	20,175	878,610	32
2,350	1,321,645	791	259,085	31	5,779	296,075	45,532	9,840	168,795	71,908	2,261,195	2,202,470	58,725	5,097,720	33
3,220	1,671,307	1,051	290,601	140	21,692	619,238	54,678	43,875	452,585	68,105	4,321,078	4,142,953	178,125	8,388,343	34
426	229,573	87	19,578	18	3,274	58,522	2,793	4,816	36,463	14,450	1,542,471	1,528,286	14,185	2,168,435	35
748	287,931	397	123,261	60	12,955	42,665	2,785	10,011	28,799	1,120	989,813	961,511	28,302	1,641,078	36
213	101,520	110	32,475	14	2,820	17,664	1,582	2,108	13,624	400	232,533	223,997	8,536	460,471	37
385	157,256	93	24,655	19	2,450	9,822	763	687	8,372		322,432	295,890	26,542	594,397	38
206	82,331	58	14,156			38,256	326	1,757	35,453	720	288,890	282,891	5,999	477,428	39
849	342,424	664	173,382	118	21,281	122,376	21,537	15,564	79,260	6,015	1,097,136	1,073,045	24,091	1,928,803	40
750	414,186	79	25,122	4	600	45,071	6,476	7,243	28,352	3,000	2,092,580	2,046,983	45,597	2,947,463	41

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.
42	Southington	65	$2,783,709	$164,770	$474,600	$889,897	$1,254,442	55	70	$103,422	1,415	$627,604
43	Stafford	75	2,061,474	91,800	275,301	414,765	1,279,607	78	53	57,457	1,061	399,876
44	Stamford	185	5,189,195	264,424	833,765	1,755,979	2,335,027	208	288	264,622	2,841	1,432,540
45	Stonington	118	3,733,679	90,806	513,345	1,110,505	2,014,023	130	84	127,514	1,967	992,740
46	Thomaston	23	1,778,944	35,567	189,900	370,957	1,182,520	21	36	51,980	1,154	545,479
47	Thompson	19	4,511,383	26,495	939,720	1,722,603	1,822,565	19	45	64,042	1,766	575,567
48	Torrington	108	6,544,511	314,614	854,519	1,185,105	4,240,273	112	152	217,559	3,522	1,704,291
49	Vernon	123	5,743,445	270,475	565,417	957,285	3,950,268	122	68	107,343	2,449	928,886
50	Wallingford	78	5,382,134	250,108	744,700	1,260,375	3,126,951	63	162	285,197	2,270	1,160,551
51	Watertown	37	536,524	20,695	77,000	61,245	377,584	39	24	39,255	501	166,340
52	Westport	35	343,948	24,710	47,213	88,577	183,448	31	31	46,542	225	101,783
53	Winchester	133	2,971,429	232,649	428,622	615,919	1,694,239	136	156	170,199	1,746	753,192
54	Windham	114	5,856,194	144,503	1,328,055	2,190,388	1,693,248	122	90	97,980	2,514	943,041
55	Windsor	40	1,016,549	47,525	183,003	313,871	472,150	39	49	43,200	482	227,127
56	Windsor Locks	37	2,117,159	108,749	404,405	613,657	930,348	35	38	53,051	881	331,402

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.										
1,304	$608,269	111	$24,835	----------	----------	$112,884	$2,724	$13,783	$94,627	$1,750	$797,102	$735,267	$61,835	$1,994,564	42
650	278,174	341	109,095	70	$12,607	105,606	8,338	7,802	82,450	7,016	1,347,143	1,302,221	44,922	2,177,535	43
2,480	1,339,289	276	77,381	85	15,870	464,452	34,551	20,474	390,827	18,600	2,059,725	1,932,329	127,396	4,743,704	44
1,562	785,520	356	110,801	49	6,329	344,536	21,612	8,661	290,076	24,187	1,312,285	1,269,724	42,561	3,231,423	45
890	473,939	219	64,929	45	6,611	95,997	2,935	8,167	84,895	----------	1,486,133	1,457,150	28,983	2,374,481	46
1,060	399,025	576	154,357	130	22,185	62,236	9,017	10,624	42,495	100	928,482	898,277	30,155	1,645,476	47
3,106	1,546,716	309	131,682	107	25,943	409,102	84,355	28,011	264,247	32,489	6,687,684	6,533,200	154,484	10,017,121	48
1,481	662,560	877	251,446	91	14,880	419,062	8,235	30,127	335,352	45,848	3,245,493	3,190,130	55,363	5,499,418	49
1,776	1,019,024	474	137,718	20	3,809	268,756	6,754	14,812	246,890	300	2,813,410	2,760,795	52,615	5,233,280	50
208	97,697	285	66,134	8	2,509	15,801	1,368	3,254	5,754	5,425	629,538	622,666	6,872	936,266	51
153	82,952	70	18,700	2	136	32,129	3,225	824	18,672	9,408	284,493	278,061	6,432	556,668	52
1,136	578,602	581	170,132	29	4,458	169,955	13,700	12,455	121,403	22,397	1,529,704	1,494,554	35,150	2,923,822	53
1,240	563,682	1,112	361,953	162	22,406	209,638	16,968	28,850	146,102	17,718	1,520,562	1,479,642	40,920	3,436,038	54
357	192,004	118	33,720	7	1,403	35,448	4,194	3,916	24,438	2,900	508,427	486,857	21,570	921,829	55
465	226,841	350	101,336	16	3,225	87,298	5,929	6,168	75,001	200	631,785	583,320	48,465	1,311,768	56

DELAWARE.

Table 1 shows the manufacturing and mechanical industries of the state of Delaware 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.

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	1,417	1,003	746	800	615	531	41.3	34.5	[1] 6.8	30.1	15.8
Capital	$41,203,239	$33,695,400	$15,655,822	$10,839,093	$5,452,887	$2,978,945	22.3	115.2	44.4	98.8	83.0
Salaried officials, clerks, etc., number	1,327	[2] 1,427	(3)	(3)	(3)	(3)	[1] 7.0	------	------	------	------
Salaries	$1,422,881	[2] $1,261,912	(3)	(3)	(3)	(3)	12.8	------	------	------	------
Wage-earners, average number	22,203	20,479	12,638	9,710	6,421	3,888	8.4	62.0	30.2	51.2	65.1
Total wages	$9,259,661	$8,680,475	$4,267,349	$3,692,195	$1,905,754	$936,924	7.3	102.2	15.6	93.7	103.4
Men, 16 years and over	17,765	16,219	10,250	7,705	5,465	3,237	9.5	58.2	33.0	41.0	68.8
Wages	$8,374,023	$8,002,849	(3)	(3)	(3)	(3)	4.6	------	------	------	------
Women, 16 years and over	3,579	2,890	1,426	1,199	956	651	23.8	102.7	18.9	25.4	46.9
Wages	$754,726	$476,344	(3)	(3)	(3)	(3)	58.4	------	------	------	------
Children, under 16 years	859	1,370	962	806	(3)	(3)	[1] 37.3	42.4	19.4	------	------
Wages	$130,912	$151,282	(3)	(3)	(3)	(3)	[1] 13.5	------	------	------	------
Miscellaneous expenses	$2,155,948	$1,851,575	(4)	(4)	(4)	(4)	16.4	------	------	------	------
Cost of materials used	$26,652,601	$21,161,752	$12,828,461	$10,206,397	$6,028,918	$2,864,607	25.9	65.0	25.7	69.3	110.5
Value of products, including custom work and repairing	$45,387,630	$37,571,848	$20,514,438	$16,791,382	$9,892,902	$4,649,296	20.8	83.1	22.2	69.7	112.8
Total population	184,735	168,493	146,608	125,015	112,216	91,532	9.6	14.9	17.3	11.4	22.6
Wage-earners engaged in manufactures	22,203	20,479	12,638	9,710	6,421	3,888	8.4	62.0	30.2	51.2	65.1
Per cent of total population	12.0	12.2	8.6	7.8	5.7	4.2	------	------	------	------	------
Assessed value of real estate	[5] $77,632,079	$63,846,513	$50,302,739	[6] $48,744,783	[6] $26,278,803	$14,486,595	22.6	25.9	3.2	85.5	81.4
Value of land and buildings invested in manufactures [7]	$10,808,454	$8,889,319	(3)	(3)	(3)	(3)	21.6	------	------	------	------
Per cent of assessed value	13.9	14.0	------	------	------	------	------	------	------	------	------

[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 1897 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] As given in the American Cyclopædia, published in 1879.
[7] Does not include value of rented property.

Table 1 shows that there has been a steady growth in the manufacturing and mechanical industries of Delaware during the half century. The population during these years increased from 91,532 to 184,735, while the average number of wage-earners employed in manufacturing establishments increased from 3,888 to 22,203, embracing in 1900, 12 per cent of the entire population, compared with 4.2 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 33,184, or 18 per cent of the total population of the state.

Notwithstanding these increases, Delaware is not to be regarded as a manufacturing state in the full significance of the term. Farms in the state constitute 85 per cent of the total land surface, which is 1,254,400 acres. There are 9,687 farms in the state with an aggregate area of 1,066,228 acres, of which 754,010, or 70.7 per cent, are improved. Peaches, apples, and small fruits, as strawberries, raspberries, etc., are raised in abundance, and Delaware, in connection with New Jersey and Maryland, supplies about seven-tenths[1] of the demand for these products in the New York and Philadelphia markets. The state appears to be the natural home of the peach and is preeminently a fruit-growing state. The abundance and excellence of its fruit have resulted in a striking development of fruit canning and preserving, an industry which has more than doubled in value of products since the last census was taken (Table 3), and which from present indications will undergo a still greater growth during the next decade.

The geographical location of Delaware is well suited to the advantageous development of manufactures. Delaware River and Delaware Bay (its eastern boundary) and Christiana Creek are navigable for large vessels, while good harbors exist at Wilmington, Newcastle, and Lewes. Numerous railroads cross the northern section of the state, bringing the coal and iron fields of Pennsylvania within easy reach, and rendering the markets of Philadelphia and Baltimore most accessible. The Brandywine River within four miles of its mouth has a fall of

[1] Universal Cyclopædia, 1900, Vol. III, pages 380-381.

100 feet, which furnishes waterpower for various factories. The excellent waterpower facilities of the Brandywine were early utilized, as in 1814 there were on the river, in the vicinity of Wilmington, 14 gristmills, 16 cooper shops, 5 cotton mills, 3 woolen mills, powder mills, shops for the manufacture of cotton and woolen machinery, sawmills, etc. The central location, navigable rivers, exceptional railroad facilities, and low shipping rates, caused by water and rail competition, gave to the city of Wilmington rare advantages for the reception of raw materials and the distribution of finished products. Nearly all of the large manufacturing establishments of Wilmington rose from small beginnings to their present state, through the thrift and industry of their founders. The date of the establishment of many of the industries is the same as the charter of the city, 1832. The first railroad began operations in 1837, and by the establishment of its shops gave a general impetus to manufacturing.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics of 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. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	1,586	$41,292,267	1,684	22,235	$9,263,647	$2,161,794	$26,668,383	$9,644,774	$15,878,470	$1,145,139	$45,437,490
Hand trades[1]	561	1,422,675	614	1,338	633,855	211,025	1,327,157	178,200	1,128,487	25,470	2,983,714
Establishments with a product of less than $500	169	89,028	174	32	3,986	5,846	15,782	1,129	14,653	----------	49,860
All other establishments	856	39,780,564	896	20,865	8,625,806	1,944,923	25,325,444	9,470,445	14,785,330	1,119,669	42,403,916

[1] Includes bicycle and tricycle repairing, 15; blacksmithing and wheelwrighting, 121; boots and shoes, custom work and repairing, 94; carpentering, 50; clothing, men's, custom work and repairing, 49; clothing, women's, dressmaking, 30; dyeing and cleaning, 5; furniture, cabinetmaking, repairing, and upholstering, 18; lock and gun smithing, 5; masonry, brick and stone, 16; millinery, custom work, 49; painting, house, sign, etc., 22; paper hanging, 21; plastering and stuccowork, 6; plumbing, and gas and steam fitting, 28; sewing machine repairing, 1; watch, clock, and jewelry repairing, 31.

Of the 1,586 establishments of all classes shown in this table, 730, or 46 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 $3,033,574, or only 6.7 per cent of the total value of the products of the state.

In addition to the 1,586 active establishments in the state during the census year, with a capital of $41,292,267, shown in Table 2, there were 5 idle establishments, with a capital of $59,940. One of these establishments, with a capital of $29,000, was reported for the manufacture of agricultural implements, and 1, with a capital of $23,000, for the manufacture of paints. The remaining idle capital, amounting to $7,940, was invested in comparatively small establishments reported for various industries.

Comparative statistics for the 10 leading industries in Delaware are presented in Table 3.

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

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.
Total for selected industries for state	1900	248	$21,582,009	11,565	$5,002,088	$712,842	$15,955,270	$25,056,503
	1890	213	16,602,071	12,167	4,981,489	646,069	11,711,483	19,738,780
Increase, 1890 to 1900	----------	35	4,979,938	[1]602	20,599	66,773	4,243,787	5,317,723
Per cent of increase	----------	16.4	30.0	[1]4.9	0.4	10.3	36.2	26.9
Per cent of total of all industries in state	1900	17.5	52.4	52.1	54.0	33.1	59.9	55.2
	1890	21.2	49.3	59.4	57.7	34.9	55.3	52.5
Carriages and wagons	1900	36	423,689	224	104,307	18,239	113,496	310,865
	1890	44	730,442	484	243,218	37,935	358,191	774,130
Cars and general shop construction and repairs by steam railroad companies.	1900	5	751,218	880	529,025	2,315	460,519	1,012,583
	1890	3	767,875	821	489,690	----------	748,556	1,280,435
Cars, steam railroad, not including operations of railroad companies.	1900	3	2,429,007	2,032	1,041,088	121,819	1,876,435	3,274,922
	1890	3	2,839,738	2,301	1,329,739	87,677	1,528,528	3,291,293
Fertilizers	1900	11	496,784	148	50,553	18,137	399,642	738,703
	1890	17	1,011,589	187	66,338	31,277	696,185	1,018,438
Flouring and grist mill products	1900	33	1,017,508	135	48,928	23,038	980,337	1,165,800
	1890	56	1,127,592	150	55,691	43,952	1,464,485	1,675,040

[1] Decrease.

TABLE 3.—COMPARATIVE SUMMARY OF TEN 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.
Foundry and machine shop products	1900	28	$5,315,825	2,108	$997,742	$112,368	$1,737,485	$3,501,767
	1890	25	3,248,901	1,501	814,929	142,584	1,227,271	2,666,717
Fruits and vegetables, canning and preserving	1900	51	966,660	1,437	226,149	27,169	1,083,142	1,570,790
	1890	28	391,038	2,463	192,476	26,519	432,317	740,090
Iron and steel	1900	6	4,207,079	1,490	705,366	140,054	1,635,762	3,159,641
	1890	7	2,558,865	1,637	765,158	43,201	1,549,539	2,608,670
Leather, tanned, curried, and finished	1900	20	5,178,804	2,457	1,044,903	226,088	7,027,715	9,400,504
	[1]1890	20	1,791,259	1,364	624,812	120,871	2,823,160	4,106,894
Textiles: cotton goods, woolen goods	1900	5	795,440	659	254,027	18,620	640,237	920,828
	1890	10	2,134,777	1,259	399,443	112,553	883,251	1,577,028

[1] Not including 1 establishment: leather, patent and enameled, included in 1890 under "All other industries."

The 10 leading industries of the state in 1900, as shown in Table 3, embraced 248 establishments, or 17.5 per cent of the total number in the state; used a capital of $21,582,009, or 52.4 per cent of the total; gave employment to 11,565 wage-earners, or 52.1 per cent of the total number; and paid $5,002,088, or 54 per cent of the total wages. The value of their products was $25,056,503, or 55.2 per cent of the total.

Table 3 shows that the principal industries in the state are those in which iron ore or iron and steel are the chief materials. Steel works and rolling mills, car shops, foundry and machine shops, and iron and steel shipbuilding may be considered as the group of iron and steel industries. In 1900, exclusive of shipbuilding, there were 42 establishments in this group, with a capital of $12,703,124, or 30.8 per cent of the total capital for the state; they employed 6,505 wage-earners, or 29.3 per cent of the total; and paid $3,273,221 as wages, or 35.3 per cent of the total wages; while the value of their products was reported at $10,949,013, or 24.1 per cent of the value of the products of the state.

The immense coal fields of Pennsylvania, Virginia, and Maryland are within easy distance, and raw materials, as iron ore, etc., and coke can be put down at Wilmington at about the same rates as apply to Philadelphia. This close proximity to the raw materials, especially iron ore, early stimulated the manufacture of products of iron and steel, which has always been the leading industry of that city. Certain specialties, such as paper-making machinery and pumping and mining apparatus, are well known. In 1817 there was put into operation in Delaware the first endless sheet machine used in America in the manufacture of paper.[1] The invention cheapened the cost, increased the production, and entirely revolutionized the paper-making business. The shipbuilding industry has always been well established at Wilmington, first in the building of sailing vessels and later in the construction of iron and steel steamships. In this city was constructed the first iron sailing vessel built in the United States, which was launched in 1854.[2] The products of its shipbuilding yards, its car manufacturing establishments, its manufactories of machine tools, engines, and boilers, are well known in all quarters of the globe. The next most important industry is the tanning, currying, and finishing of leather. This is a large and flourishing industry, and the city claims the distinction of having one of the largest morocco plants in the world. The manufacture of gunpowder was begun in Delaware about 1800 and has continued ever since under the auspices of the same family, which continues to turn out the largest product of powder of any establishment in the United States.[3] Certain other industries, notably the manufacture of fertilizers, textiles, and carriages and wagons, have been declining. The decline in the last industry seems to be connected with the general westward tendency of these manufactures.

The manufacture of food products, which includes the canning industries and the flouring and grist mills, ranks as the third industry in importance. The establishment of flouring mills was coincident with the founding of settlements, and from the time they were built until a few decades ago, they regulated the price of grain through a very extensive portion of the country.[4] It appears that this industry is declining, from the fact that it shows a noticeable decrease of capital, value of products, etc. On the other hand the canning of fruits and vegetables, as noted above, has shown remarkable development. During the decade, there was an increase of 23 establishments engaged in this industry, the capital increased 147.2 per cent, the number of wage-earners decreased 41.7 per cent, the wages increased 17.5 per cent, and the value of products increased 112.2 per cent.[5]

[1] Montgomery's "Reminiscences of Wilmington," 1851, pages 33-35.

[2] "Industrial Wilmington," 1898, compiled by George A. Wolf, and issued by authority of Board of Trade, page 54.

[3] Harkness Magazine, No. 19, "City of Wilmington," by A. J. Clement.

[4] History of Delaware, Scharf.

[5] Establishments engaged in this industry are in operation only a few months during the year. The average number of employees for 1900 was computed for the entire year, 12 (the number of calendar months) being used as a divisor to obtain the sum of the average numbers reported for each month. In 1890 the average number was computed for the actual time that the establishments were reported as being in operation. The largest number of employees in the industry in 1900 was 5,909, in the month of September, and this number was undoubtedly much larger than at any one time in 1890.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Wilmington as returned at the censuses of 1880, 1890, and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, WILMINGTON, 1880, 1890, AND 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.			PER CENT OF INCREASE.	
	1900	1890	1880	1890 to 1900	1880 to 1890
Number of establishments	759	590	258	28.6	128.7
Capital	$28,372,043	$20,585,646	$10,744,389	37.8	91.6
Wage-earners, average number	16,055	13,370	7,852	20.1	70.3
Total wages	$7,439,210	$6,707,867	$3,174,821	10.9	111.3
Miscellaneous expenses	$1,658,908	$1,131,648	(1)	46.6	
Cost of materials used	$19,451,815	$13,050,152	$7,884,847	49.1	65.5
Value of products, including custom work and repairing	$34,053,324	$24,568,125	$13,205,370	38.6	86.0

[1] Not reported.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of the city. The number of establishments increased from 590 to 759, or 28.6 per cent; the average number of wage-earners from 13,370 to 16,055, or 20.1 per cent; and the value of products from $24,568,125 to $34,053,324, or 38.6 per cent. The number of establishments, number of wage-earners, and value of products for this city constituted 53.6, 72.3, and 75 per cent, respectively, of the totals for the entire state.

Considerable manufacturing, principally in shipbuilding, rolling mills and steel works, and cotton and woolen goods, is carried on also at Newcastle, a city of 3,380 population.

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.
1	The State	1,417	$41,203,239	$4,164,048	$6,644,406	$11,540,663	$18,854,122	1,510	1,327	$1,422,831	22,203	$9,259,661
2	Kent	224	1,723,589	107,810	273,178	364,008	979,043	267	58	34,223	1,627	329,609
3	Newcastle	954	38,189,326	3,956,882	6,208,951	10,804,284	17,169,209	948	1,227	1,369,632	18,692	8,519,078
4	Sussex	239	1,340,374	99,856	162,277	372,371	705,870	295	42	18,976	1,884	410,974

TABLE 7.—MANUFACTURES BY

1	All industries	1,417	$41,203,239	$4,164,048	$6,644,406	$11,540,663	$18,854,122	1,510	1,327	$1,422,831	22,203	$9,259,661
2	Baskets, and rattan and willow ware	7	40,325	4,300	6,300	17,800	11,925	9	2	600	111	19,533
3	Bicycle and tricycle repairing	15	19,471		25	3,645	15,801	12	1	1,200	13	4,150
4	Blacksmithing and wheelwrighting	121	174,352	36,885	37,755	26,360	73,352	180			85	34,656
5	Boots and shoes, custom work and repairing.	94	36,301	5,900	8,915	10,789	10,697	94			24	8,972
6	Bottling	9	78,120	8,000	18,700	29,158	22,262	9	7	3,424	43	19,694
7	Boxes, wooden packing	6	107,925	4,800	16,600	21,150	65,375	8	3	1,740	257	46,650
8	Bread and other bakery products	54	281,026	67,070	98,280	45,607	70,119	55	11	5,728	187	96,436
9	Brick and tile	25	283,637	17,685	58,695	54,780	152,527	27	9	8,860	215	70,063
10	Brooms and brushes	3	9,735	3,510	4,150	325	1,750	3	1	416	7	3,639
11	Carpentering	50	280,607	18,900	64,750	23,750	173,207	56	9	4,600	269	157,988

Table 5 presents the totals for the manufacturing industries of the 2 cities withdrawn from the enumerators and places them in comparison with the totals for the entire state, and the state exclusive of these cities.

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.	Value of products, including custom work and repairing.
Total for state	1,417	$41,203,239	1,510	22,208	$9,259,661	$2,155,948	$26,652,601	$45,387,630
Total for urban manufactures	790	29,821,488	787	16,663	7,682,934	1,709,109	20,901,837	35,891,612
Newcastle	31	1,449,395	27	608	243,724	50,201	1,450,022	1,838,288
Wilmington	759	28,372,043	760	16,055	7,439,210	1,658,908	19,451,815	34,053,324
Total for state exclusive of urban manufactures	627	11,381,801	723	5,540	1,576,727	446,839	5,750,764	9,496,018
Per cent of urban manufactures to total for state	55.8	72.4	52.1	75.0	83.0	79.3	78.4	79.1

Of the 1,417 establishments in the state, 790, or 55.8 per cent, were located in these 2 cities. They furnished employment to 16,663 wage-earners, or 75 per cent of the total number, and the value of their products, $35,891,612, formed 79.1 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 city of Wilmington, by specified industries, and also the totals for all the industries in the city of Newcastle.

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued. Men, 16 years and over. Average number.	Men. Wages.	Women, 16 years and over. Average number.	Women. Wages.	Children, under 16 years. Average number.	Children. Wages.	MISCELLANEOUS EXPENSES. Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	COST OF MATERIALS USED. Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
17,765	$8,374,023	3,579	$754,726	859	$130,912	$2,155,948	$181,063	$111,494	$1,748,209	$115,182	$26,652,601	$25,919,685	$732,916	$45,387,630	1
735	201,266	765	117,471	127	10,872	90,603	14,226	4,796	60,265	11,316	1,512,145	1,488,607	23,538	2,405,688	2
15,899	7,863,405	2,167	544,707	626	110,966	2,026,780	161,204	103,048	1,658,770	103,708	24,060,640	23,368,505	692,135	40,900,806	3
1,131	309,352	647	92,548	106	9,074	38,615	5,633	3,650	29,174	158	1,079,816	1,062,573	17,243	2,081,141	4

SPECIFIED INDUSTRIES: 1900.

17,765	$8,374,023	3,579	$754,726	859	$130,912	$2,155,948	$181,063	$111,494	$1,748,209	$115,182	$26,652,601	$25,919,685	$732,916	$45,387,630	1
94	18,213	7	700	10	620	560	25	137	398	------	17,065	17,000	65	52,075	2
11	3,804	1	156	1	190	2,727	2,398	19	310	------	6,816	6,537	279	22,381	3
85	34,656	------	------	------	------	7,974	4,899	1,005	2,070	------	50,587	48,112	2,475	179,155	4
24	8,972	------	------	------	------	6,485	5,973	285	177	50	26,874	26,250	624	79,941	5
39	18,966	------	------	4	728	6,272	2,246	1,526	2,500	------	101,030	100,019	1,011	163,446	6
189	83,820	104	11,288	14	1,542	1,618	106	287	1,225	------	46,915	46,815	100	111,375	7
174	94,066	11	2,122	2	248	10,970	6,623	1,514	2,833	------	264,176	256,077	8,099	485,240	8
211	69,338	1	100	8	625	7,772	5,089	592	2,091	------	22,439	1,494	20,945	167,692	9
7	3,039	------	------	------	------	376	300	51	25	------	10,758	10,735	23	19,169	10
269	157,988	------	------	------	------	88,532	2,573	1,111	5,433	79,415	376,256	375,492	764	838,051	11

TABLE 7.—MANUFACTURES BY

	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	Carpets, rag	4	$840			$625	$215	4			1	$417
13	Carriage and wagon materials	4	106,439	$13,200	$20,500	16,135	56,604	2	7	$6,640	73	33,517
14	Carriages and wagons	36	423,689	66,920	71,150	31,135	254,484	40	11	9,506	224	104,307
15	Cars and general shop construction and repairs by steam railroad companies.	5	751,213	256,825	238,025	97,391	158,972		17	20,824	880	529,025
16	Cars, steam railroad, not including operations of railroad companies.	3	2,429,007	239,828	364,493	348,170	1,476,516		78	83,528	2,032	1,041,088
17	Charcoal	9	16,654	300	1,228	335	14,791	9	1	200	114	19,981
18	Cheese, butter, and condensed milk, factory product.	22	85,155	11,575	17,650	37,850	18,080	29	5	2,120	34	18,093
19	Clothing, men's, custom work and repairing.	49	167,258	22,500	18,300	7,815	118,643	52	12	9,782	186	78,044
20	Clothing, women's, dressmaking	30	23,359	6,950	9,650	2,156	4,603	30			57	12,606
21	Clothing, women's, factory product	3	9,125	125	500	5,400	3,100	4	1	624	38	9,030
22	Confectionery	29	152,507	40,700	43,100	28,652	40,055	26	58	13,660	93	30,366
23	Cotton goods	3	484,858	27,000	98,260	205,789	153,809		11	15,449	372	138,844
24	Druggists' preparations, not including prescriptions.	3	21,886	5,900	3,800	3,800	8,386	3	4	4,618	5	1,952
25	Dyeing and cleaning	5	21,965	10,600	5,000	1,825	4,540	9	1	800	5	2,218
26	Fertilizers	11	496,784	18,500	82,567	103,639	297,078	9	17	16,685	148	50,553
27	Fish, canning and preserving	3	1,935	400	500	185	850	5				
28	Flouring and grist mill products	83	1,017,508	200,670	289,459	309,685	267,704	96	20	17,796	185	48,928
29	Foundry and machine shop products	28	5,315,825	640,983	1,060,709	1,413,659	2,200,474	22	146	199,058	2,103	997,742
30	Fruits and vegetables, canning and preserving.	51	966,660	31,080	148,338	141,164	646,078	72	29	14,278	1,437	226,149
31	Furniture, cabinetmaking, repairing, and upholstering.	18	68,337	17,000	20,000	4,110	27,227	19	6	5,720	27	18,292
32	Gas, illuminating and heating	4	771,842	67,775	49,125	550,597	104,345	2	21	18,285	67	31,958
33	Hosiery and knit goods	7	298,511	9,000	25,803	162,785	100,923	2	19	14,686	582	123,103
34	Ice, manufactured	7	259,501	17,300	42,000	176,700	23,501	2	8	4,316	28	12,480
35	Iron and steel	6	4,207,079	555,000	384,500	2,138,522	1,129,057		81	132,677	1,490	705,366
36	Kaolin and other earth grinding	4	111,750	14,000	32,500	29,000	36,250		9	7,330	101	50,000
37	Leather, tanned, curried, and finished	20	5,178,804	166,669	501,796	572,248	3,938,091	30	156	166,189	2,457	1,044,903
38	Liquors, distilled	12	45,690	2,525	7,575	8,805	26,785	12	4	1,340	16	4,330
39	Liquors, malt	5	1,126,788	95,700	352,569	193,616	484,853	3	18	25,301	84	56,091
40	Lock and gun smithing	5	10,530	400	600	5,400	4,130	5	2	988	4	1,604
41	Looking-glass and picture frames	7	39,642	7,000	7,500	1,652	23,490	8	4	1,040	8	3,211
42	Lumber and timber products	76	354,464	58,745	24,925	124,330	146,464	105	1	200	433	105,093
43	Lumber, planing mill products, including sash, doors, and blinds.	12	215,495	28,975	31,900	42,725	111,895	17	8	5,790	91	37,736
44	Marble and stone work	5	59,481	7,100	10,378	10,045	31,958	3	6	4,036	146	61,444
45	Masonry, brick and stone	16	80,480	12,630	31,875	5,675	30,300	18	4	5,000	118	72,054
46	Millinery, custom work	49	89,294	10,420	23,115	3,279	52,480	59	12	3,615	81	18,316
47	Mineral and soda waters	7	30,110	10,750	7,000	9,700	2,660	7			8	2,759
48	Monuments and tombstones	11	75,050	27,600	7,250	2,650	37,550	13	2	1,260	46	29,882
49	Painting, house, sign, etc	22	63,722	4,100	7,550	7,210	44,862	30	3	1,408	104	62,762
50	Paper and wood pulp	6	2,143,108	173,200	397,775	1,285,317	286,816	6	19	61,675	451	193,783
51	Paper hanging	21	30,978	1,200	1,300	1,977	26,501	28	13	4,538	39	23,129
52	Paving and paving materials	3	12,260	200	460	2,500	9,100	5	1	208	56	19,970
53	Photography	9	32,350	3,000	5,000	12,450	11,900	9	1	1,300	18	3,109
54	Plastering and stuccowork	6	85,334	14,000	10,200	11,728	49,406	7	5	3,559	113	33,213
55	Plumbing, and gas and steam fitting	28	215,697	29,300	33,000	32,855	120,542	31	29	18,160	193	89,641
56	Printing and publishing, book and job	13	145,449	14,000	12,500	66,041	52,908	10	12	8,644	88	40,606
57	Printing and publishing, newspapers and periodicals.	26	275,298	20,650	30,550	153,705	70,393	15	45	29,656	220	86,208
58	Pulp goods	5	592,876	40,341	70,239	128,953	353,343	1	24	23,541	178	80,115
59	Roofing and roofing materials	13	96,185	25,100	24,550	8,710	37,825	16	5	2,340	43	21,962
60	Saddlery and harness	26	172,334	21,100	27,300	11,097	112,837	24	13	11,700	57	24,988
61	Ship and boat building, wooden	9	224,726	40,900	14,350	36,850	132,626	9	7	8,936	207	110,504
62	Shirts	10	44,250	746	7,105	29,478	6,921	13	11	5,863	410	72,039
63	Slaughtering and meat packing, wholesale.	3	224,220	20,000	33,000	41,060	130,160	6	12	9,040	29	16,602
64	Tinsmithing, coppersmithing, and sheet-iron working.	42	118,487	12,950	21,650	20,192	63,645	43	5	2,722	99	49,197
65	Tobacco, cigars and cigarettes	25	77,229	3,100	3,575	8,757	61,797	27	1	624	106	33,786
66	Watch, clock, and jewelry repairing	31	54,830	7,300	13,600	12,930	21,000	33	3	602	25	16,210
67	All other industries[1]	83	9,706,942	868,166	1,632,942	2,638,390	4,627,444	72	301	388,556	4,837	2,093,174

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 2; belting and hose, leather, 1; belting and hose, rubber, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, street railroad, not including operations of railroad companies, 1; chemicals, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordials and sirups, 1; cutlery and edge tools, 1; dentists' materials, 2; dyeing and finishing textiles, 2; electrical apparatus and supplies, 1; electroplating, 2; explosives, 1; food preparations, 2; fur hats, 1; furniture, factory product, 1; glass, 1; glue, 1; grease and tallow, 2; hairwork, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 2; iron and steel, pipe,

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
1	$417					$166	$156		$10		$807	$795	$12	$2,486	12
73	33,517					3,734	96	$343	2,416	$879	37,822	36,310	1,512	105,375	13
219	103,339	3	$748	2	$220	18,239	6,090	2,247	9,902		113,496	110,880	2,616	310,865	14
878	528,376	2	649			2,315		1,692	623		460,519	447,433	13,086	1,012,683	15
1,978	1,028,731	29	8,925	25	3,432	121,819		7,100	114,719		1,876,435	1,854,096	22,339	3,274,922	16
114	19,981					359	60	27	272		7,688	7,688		45,500	17
34	13,093					4,577	580	357	3,640		184,196	180,644	3,552	252,892	18
81	52,619	99	24,671	6	754	19,464	11,184	496	2,124	5,660	97,570	96,572	998	267,822	19
4	2,184	53	10,422			3,566	3,102	278	186		9,457	8,985	472	38,500	20
		38	9,030			375	288	25	62		4,296	4,036	260	18,310	21
53	22,678	39	7,306	1	382	8,890	4,905	802	3,183		111,638	109,910	1,728	214,517	22
103	58,885	222	67,700	42	12,259	6,448		1,761	4,687		187,919	169,043	18,876	372,089	23
2	1,640	2	234	1	78	2,910	240	158	2,512		5,382	5,060	322	23,239	24
5	2,218					1,170	132	186	852		988	772	216	11,740	25
148	50,553					18,137	50	1,043	17,044		399,642	392,230	7,412	738,703	26
134	48,728			1	200	89	64	14	11		6,238	6,134	104	8,473	27
2,087	995,536	4	900	12	1,306	28,038	8,741	3,772	15,195	330	980,837	967,578	13,259	1,165,800	28
527	113,751	750	100,119	160	12,279	112,368	2,930	11,272	96,866	1,300	1,737,485	1,645,283	92,202	3,501,767	29
						27,169	1,722	1,501	23,946		1,083,142	1,070,248	12,894	1,570,790	30
19	11,109	8	2,183			5,207	1,704	589	2,914		29,596	29,317	279	75,511	31
67	31,958					21,034		3,159	17,875		50,853	50,667	186	199,760	32
85	25,390	408	84,307	89	13,406	32,471	1,875	639	29,657	300	209,048	204,453	4,595	429,055	33
27	12,380			1	150	8,214		996	7,218		13,654	3,908	9,746	71,240	34
1,481	704,166			9	1,200	140,054		8,017	132,037		1,635,762	1,496,095	139,667	3,159,641	35
101	56,000					6,420	600	265	5,555		77,149	69,849	7,300	162,045	36
1,784	861,094	583	165,865	90	17,944	226,088	13,549	14,132	198,402		7,027,715	6,988,968	38,747	9,400,504	37
16	4,330					16,991	137	372	16,482		11,618	10,261	1,357	51,431	38
84	56,091					285,662		3,451	282,211		123,327	114,357	8,970	616,496	39
4	1,604					847	636	57	154		2,227	2,119	108	9,566	40
6	8,016			2	195	1,512	692	234	586		12,085	11,793	292	29,852	41
398	100,325	23	3,113	12	1,655	6,195	795	1,442	3,958		234,193	233,548	645	471,482	42
91	37,736					5,169	1,100	708	3,361		104,535	102,944	1,591	178,188	43
146	61,444					16,168	6,695	261	9,212		10,382	8,369	2,013	104,810	44
113	72,054					15,695	144	836	3,515	11,200	144,195	144,195		297,556	45
		80	18,260	1	56	11,623	9,511	401	1,711		72,601	71,926	675	147,442	46
6	2,443			2	316	1,098	472	201	425		6,010	5,890	120	20,628	47
46	29,882					1,617	372	410	835		77,207	77,087	120	126,781	48
104	62,762					4,653	1,677	143	2,223	610	39,210	39,124	86	145,167	49
372	175,808	79	17,975			90,785		5,168	85,617		1,028,274	949,685	78,589	1,599,718	50
39	23,129					5,986	4,978	148	860		21,098	20,849	249	79,378	51
56	19,970					1,266	1,036	140	90		12,275	12,225	50	44,566	52
15	7,207	3	902			3,102	2,299	207	596		10,312	10,028	284	36,955	53
113	38,213					24,135	668	424	23,043		196,161	193,383	2,778	290,885	54
189	88,855			4	786	7,661	3,590	889	3,182		238,161	236,700	1,461	433,608	55
61	33,005	24	7,207	3	334	7,991	3,856	514	3,571	50	29,381	27,451	1,930	110,615	56
174	78,560	25	5,816	21	1,832	17,201	3,870	768	12,563		56,047	51,377	4,670	219,184	57
174	78,887	2	500	2	728	14,421		1,260	13,161		246,262	235,257	11,005	461,093	58
43	21,962					1,602	426	700	476		27,840	27,568	272	74,990	59
55	24,728			2	260	6,630	2,953	547	3,130		79,276	78,643	633	147,994	60
201	109,464			6	1,040	7,791	869	557	6,007	358	153,361	150,787	2,574	360,117	61
22	8,242	373	62,637	15	1,160	3,361	1,560	98	1,703		37,735	36,083	1,652	159,437	62
29	16,602					9,610	3,120	596	5,894		352,885	350,918	1,917	415,144	63
99	49,197					7,595	4,927	686	1,982		54,406	53,315	1,091	161,620	64
53	29,765	27	7,766	21	2,255	20,331	4,392	301	15,638		38,302	37,717	585	121,872	65
23	15,893			2	312	5,199	3,585	276	1,338		15,123	14,702	421	66,466	66
3,965	1,907,689	579	188,065	293	52,420	601,449	28,403	22,301	535,715	15,030	5,945,912	5,765,899	180,013	9,852,340	67

wrought, 1; ironwork, architectural and ornamental, 2; jute and jute goods, 1; lime and cement, 1; mattresses and spring beds, 2; mirrors, 1; models and patterns, 1; oil, not elsewhere specified, 1; optical goods, 1; oysters, canning and preserving, 1; paints, 2; paper hangings, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; pipes, tobacco, 1; plumbers' supplies, 1; printing and publishing, music, 1; pumps, not including steam pumps, 1; sausage, 2; sewing machine repairing, 1; shipbuilding, iron and steel, 2; silk and silk goods, 2; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 1; stationery goods, not elsewhere specified, 1; steam packing, 1; surgical appliances, 1; wirework, including wire rope and cable, 1; woodenware, not elsewhere specified, 1; woolen goods, 2.

TABLE 8.—MANUFACTURES IN CITIES

WILMINGTON.

	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	759	$28,372,043	$3,201,197	$4,382,350	$7,703,295	$13,085,201	760	1,051	$1,138,361	16,055	$7,439,210
2	Bicycle and tricycle repairing	10	16,271			3,045	13,226	7	1	1,200	11	3,761
3	Blacksmithing and wheelwrighting	29	44,587	14,300	8,650	7,650	13,487	30			37	18,204
4	Boots and shoes, custom work and repairing.	74	30,632	5,330	7,640	8,679	8,983	74			23	8,627
5	Bottling	8	74,220	7,000	16,500	28,658	22,062	8	7	3,424	41	18,966
6	Bread and other bakery products	45	263,703	63,250	91,800	42,032	66,621	45	11	5,728	180	92,922
7	Carpentering	41	250,857	18,600	63,650	18,050	150,557	47	2	1,000	199	122,939
8	Carriages and wagons	14	356,038	59,640	60,000	23,810	212,588	15	10	8,606	176	89,534
9	Cars and general shop construction and repairs by steam railroad companies.	3	748,169	256,475	236,325	97,182	158,187		15	19,204	865	521,227
10	Cars, steam railroad, not including operations of railroad companies.	3	2,429,007	239,828	364,493	348,170	1,476,516		73	83,528	2,032	1,041,088
11	Clothing, men's, custom work and repairing.	48	163,433	22,500	18,300	7,690	114,943	51	12	9,782	185	77,344
12	Clothing, women's, dressmaking	28	21,009	6,700	8,500	2,056	3,753	28			51	11,865
13	Confectionery	24	141,007	38,500	38,800	25,802	37,905	21	58	13,660	87	28,926
14	Druggists' preparations, not including prescriptions.	3	21,886	5,900	3,800	3,800	8,386	3	4	4,618	5	1,952
15	Dyeing and cleaning	5	21,965	10,600	5,000	1,825	4,540	9	1	800	5	2,218
16	Foundry and machine shop products	21	3,619,425	504,500	691,800	1,022,651	1,400,474	15	126	185,640	2,009	941,315
17	Furniture, cabinetmaking, repairing, and upholstering.	13	60,462	16,000	14,800	3,685	25,977	14	6	5,720	26	12,082
18	Hosiery and knit goods	4	271,011	7,000	21,803	150,285	91,928	1	13	11,170	470	105,728
19	Iron and steel	4	4,051,880	548,000	354,500	2,060,522	1,088,858		73	122,851	1,327	634,216
20	Leather, tanned, curried, and finished	19	5,167,304	166,669	501,796	570,748	3,928,091	26	156	166,139	2,454	1,044,393
21	Liquors, malt	4	1,121,838	95,500	349,569	192,116	484,653	2	18	25,301	83	56,041
22	Lock and gun smithing	4	9,030	400	600	5,000	3,030	4	2	988	3	1,401
23	Looking-glass and picture frames	7	39,642	7,000	7,500	1,652	23,490	8	4	1,040	8	3,211
24	Lumber, planing mill products, including sash, doors, and blinds.	4	125,020	21,000	13,300	20,950	69,770	5	4	3,420	20	13,171
25	Marble and stone work	4	44,381	4,000	5,378	7,045	27,958	2	6	4,036	139	57,604
26	Masonry, brick and stone	14	78,480	11,680	31,575	5,625	29,750	16	4	5,000	113	71,882
27	Millinery, custom work	27	56,953	6,000	9,000	2,043	39,910	30	12	3,615	65	14,904
28	Mineral and soda waters	5	26,460	10,350	6,400	7,550	2,160	5			8	2,759
29	Monuments and tombstones	4	62,725	26,500	5,875	1,550	28,800	4	2	1,260	33	24,028
30	Painting, house, sign, etc	18	53,472	3,300	6,700	5,910	37,562	26	3	1,408	39	57,307
31	Paper hanging	21	30,978	1,200	1,300	1,977	26,501	28	13	4,538	39	23,129
32	Paving and paving materials	3	12,260	200	460	2,500	9,100	5	1	208	56	19,970
33	Photography	6	29,500	3,000	5,000	10,300	11,200	6	1	1,300	18	8,109
34	Plastering and stuccowork	5	85,244	14,000	10,200	11,703	49,341	6	5	3,559	113	38,213
35	Plumbing, and gas and steam fitting	25	205,097	26,500	30,500	31,655	117,342	27	29	18,160	187	86,400
36	Printing and publishing, book and job	12	134,875	14,000	12,500	57,824	50,551	9	12	8,644	85	39,589
37	Printing and publishing, newspapers and periodicals.	11	197,268	18,750	21,950	110,203	46,365	4	37	25,572	162	69,554
38	Pulp goods	3	407,042	27,000	42,643	86,131	251,268		16	15,625	112	47,350
39	Roofing and roofing materials	9	77,785	22,450	21,050	5,410	28,875	12	5	2,340	38	19,362
40	Saddlery and harness	10	94,312	18,200	17,500	4,812	53,800	9	7	5,500	36	16,470
41	Ship and boat building, wooden	4	182,226	39,500	12,500	29,900	100,326	2	7	8,936	176	94,114
42	Slaughtering and meat packing, wholesale.	3	224,220	20,000	33,000	41,060	130,160	6	12	9,040	29	16,602
43	Tinsmithing, coppersmithing, and sheet-iron working.	28	97,417	11,200	18,100	16,602	51,515	32	5	2,722	91	44,947
44	Tobacco, cigars and cigarettes	22	74,429	2,700	3,375	8,457	59,897	23	1	624	102	38,929
45	Watch, clock, and jewelry repairing	22	30,150	3,800	4,100	10,600	11,650	23	3	502	22	14,771
46	All other industries[1]	88	7,117,473	801,725	1,204,118	2,598,480	2,513,150	72	274	341,953	4,045	1,781,320

[1] Embraces awnings, tents, and sails, 2; belting and hose, leather, 1; belting and hose, rubber, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 2; bridges, 2; brooms and brushes, 2; carpets, rag, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordials and sirups, 1; cotton goods, 2; cutlery and edge tools, 1; dentists' materials, 1; dyeing and finishing textiles, 2; electrical apparatus and supplies, 1; electroplating, 2; fertilizers, 2; fish, canning and preserving, 1; flouring and grist mill products, 1; food preparations, 1; fur hats, 1; furniture, factory product, 1;

NEWCASTLE.

1	Total, all industries	31	$1,449,395	$147,098	$279,297	$615,822	$407,178	27	26	$20,285	608	$243,721

BY SPECIFIED INDUSTRIES: 1900.

WILMINGTON.

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
13,725	$6,892,440	1,835	$165,629	495	$81,141	$1,658,908	$148,719	$84,141	$1,323,269	$102,779	$19,451,815	$18,911,506	$540,309	$34,053,324	1
9	3,415	1	156	1	190	2,312	2,072	5	235	----------	5,155	4,906	249	18,876	2
37	18,204	----------	----------	----------	----------	3,265	2,754	299	212	----------	14,537	13,726	811	64,822	3
23	8,627	----------	----------	----------	----------	5,516	5,139	252	125	----------	22,093	21,572	521	66,508	4
37	18,238	----------	----------	4	728	5,860	2,246	1,487	2,127	----------	96,270	95,259	1,011	154,605	5
167	90,552	11	2,122	2	218	9,731	5,808	1,368	2,555	----------	247,670	240,376	7,294	452,843	6
199	122,939	----------	----------	----------	----------	79,053	2,250	1,010	3,378	72,415	293,288	292,588	700	694,735	7
173	88,836	2	598	1	100	16,767	5,340	1,962	9,465	----------	91,477	89,401	2,076	255,047	8
863	520,578	2	649	----------	----------	2,291	----------	1,668	623	----------	457,431	444,395	13,036	1,000,153	9
1,978	1,028,731	29	8,925	25	3,432	121,819	----------	7,100	114,719	----------	1,876,435	1,854,096	22,339	3,274,922	10
81	51,919	98	24,671	6	754	19,264	10,984	496	2,124	5,660	96,750	95,772	978	265,222	11
4	2,184	47	9,681	----------	----------	3,446	3,002	258	186	----------	8,457	7,985	472	35,300	12
50	21,438	36	7,196	1	382	8,391	4,530	751	3,110	----------	108,283	106,565	1,718	201,267	13
2	1,640	2	234	1	78	2,910	240	158	2,512	----------	5,382	5,060	322	23,239	14
5	2,218	----------	----------	----------	----------	1,170	132	186	852	----------	988	772	216	11,740	15
1,996	939,579	4	900	9	836	101,764	2,005	10,076	88,383	1,300	1,634,906	1,546,081	88,825	3,299,509	16
18	10,749	8	2,183	----------	----------	4,835	1,454	567	2,814	----------	27,515	27,242	273	70,036	17
69	21,740	820	71,016	81	12,972	31,531	1,625	609	28,997	300	194,057	190,178	3,879	383,196	18
1,327	634,216	----------	----------	----------	----------	131,659	----------	7,372	124,287	----------	1,526,152	1,398,165	127,987	2,934,993	19
1,781	860,494	583	165,865	90	17,944	225,977	18,449	14,126	198,402	----------	7,009,165	6,970,418	38,747	9,379,504	20
83	56,041	----------	----------	----------	----------	284,930	----------	3,419	281,511	----------	122,978	114,048	8,930	614,896	21
3	1,404	----------	----------	----------	----------	756	552	50	154	----------	1,687	1,579	108	8,566	22
6	3,016	----------	----------	2	195	1,512	692	234	586	----------	12,085	11,793	292	29,952	23
20	13,171	----------	----------	----------	----------	4,100	1,000	410	2,690	----------	41,070	40,019	1,051	71,378	24
139	57,604	----------	----------	----------	----------	16,111	6,695	204	9,212	----------	10,065	8,252	1,813	99,405	25
113	71,882	----------	----------	----------	----------	15,616	144	772	3,500	11,200	141,362	141,362	----------	293,883	26
----------	----------	64	14,848	1	56	9,764	8,077	242	1,445	----------	52,583	52,048	535	110,076	27
6	2,443	----------	----------	2	316	1,078	472	181	425	----------	5,340	5,230	110	18,848	28
33	24,028	----------	----------	----------	----------	1,117	152	364	601	----------	59,205	59,150	55	93,132	29
59	57,307	----------	----------	----------	----------	4,476	1,638	127	2,201	610	33,323	33,244	79	128,617	30
39	23,129	----------	----------	----------	----------	5,986	4,978	148	860	----------	21,098	20,849	249	79,373	31
56	19,970	----------	----------	----------	----------	1,266	1,036	140	90	----------	12,275	12,225	50	44,566	32
15	7,207	3	902	----------	----------	2,689	1,964	200	525	----------	9,030	8,791	239	33,462	33
113	38,213	----------	----------	----------	----------	24,135	668	424	23,043	----------	195,771	192,993	2,778	290,085	34
184	85,764	----------	----------	3	636	7,281	3,590	819	2,872	----------	293,301	231,955	1,346	422,608	35
59	32,050	23	7,205	3	334	7,475	3,676	506	3,243	50	27,905	26,065	1,840	106,245	36
125	63,252	22	5,166	15	1,136	14,515	2,478	579	11,458	----------	44,364	40,490	3,874	166,951	37
111	46,850	1	500	----------	----------	6,450	----------	971	5,479	----------	159,246	152,663	6,583	308,109	38
33	19,362	----------	----------	----------	----------	1,262	186	600	476	----------	20,263	20,024	239	59,320	39
34	16,210	----------	----------	2	260	3,786	2,062	876	1,848	----------	33,005	32,567	438	75,911	40
170	93,074	----------	----------	6	1,040	6,212	719	483	4,810	200	123,282	120,908	2,374	301,018	41
29	16,602	----------	----------	----------	----------	9,610	3,120	596	5,894	----------	352,835	350,918	1,917	415,144	42
91	44,947	----------	----------	----------	----------	6,494	4,140	547	1,807	----------	44,241	43,433	808	139,879	43
56	29,108	27	7,666	19	2,155	19,553	4,289	291	14,973	----------	37,062	36,483	579	117,747	44
20	14,462	----------	----------	2	312	4,411	3,073	155	1,183	----------	13,052	12,665	387	57,491	45
3,274	1,609,047	552	135,236	219	37,037	420,762	30,388	21,553	357,777	11,044	3,929,376	3,737,195	192,181	7,377,745	46

gas, illuminating and heating, 1; glass, 1; grease and tallow, 2; hairwork, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 2; ice, manufactured, 2; ironwork, architectural and ornamental, 1; jute and jute goods, 1; kaolin and other earth grinding, 1; lime and cement, 1; mattresses and spring beds, 2; mirrors, 1; models and patterns, 1; oil, not elsewhere specified, 1; optical goods, 1; paints, 2; paper and wood pulp, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; plumbers' supplies, 1; printing and publishing, music, 1; sausage, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 2; shirts, 2; silk and silk goods, 1; slaughtering, wholesale, not including meat packing, 1; smelting and refining, not from the ore, 1; soap and candles, 1; stationery goods, not elsewhere specified, 1; steam packing, 1; surgical appliances, 1; wirework, including wire rope and cable, 1.

NEWCASTLE.

480	$194,040	71	$30,834	57	$18,850	$50,201	$1,474	$3,860	$44,867	----------	$1,450,022	$1,418,300	$31,722	$1,838,288	1

DISTRICT OF COLUMBIA.

Table 1 shows the manufacturing and mechanical industries of the District of Columbia 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 District, 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.				
	[1] 1900	[1] 1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	2,754	2,295	971	952	429	403	20.0	136.4	2.0	121.9	6.5
Capital	$41,981,245	$28,865,089	$5,552,526	$5,021,925	$2,905,865	$1,001,575	45.4	419.9	10.6	72.8	190.1
Salaried officials, clerks, etc., number	2,083	[2] 22,998	(3)	(3)	(3)	(3)	[4] 30.5				
Salaries	$1,883,437	[2] $2,358,122	(3)	(3)	(3)	(3)	[4] 22.3				
Wage-earners, average number	24,693	20,406	7,146	4,685	3,148	2,570	21.0	185.6	52.5	48.8	22.5
Total wages	$14,643,714	$12,264,142	$3,924,612	$2,007,600	$1,139,154	$757,584	19.4	212.5	95.5	76.2	50.4
Men, 16 years and over	20,415	17,114	5,496	4,333	2,653	2,034	19.3	211.4	26.8	63.3	30.4
Wages	$12,449,136	$10,724,792	(3)	(3)	(3)	(3)	16.1				
Women, 16 years and over	4,162	3,159	1,389	216	495	536	31.8	127.4	543.1	[4] 56.4	[4] 7.6
Wages	$2,176,195	$1,516,240	(3)	(3)	(3)	(3)	43.5				
Children, under 16 years	116	133	261	136	(3)	(3)	[4] 12.8	[4] 49.0	91.9		
Wages	$18,383	$23,110	(3)	(3)	(3)	(3)	[4] 20.5				
Miscellaneous expenses	$4,433,652	$1,589,869	(5)	(5)	(5)	(5)	178.9				
Cost of materials used	$19,369,571	$17,194,666	$5,365,400	$4,754,883	$2,884,185	$1,405,871	12.6	220.5	12.8	64.9	105.2
Value of products, including custom work and repairing	$47,667,622	$39,331,437	$11,882,316	$9,292,173	$5,412,102	$2,690,258	21.2	231.0	27.9	71.7	101.2
Total population	278,718	230,392	177,624	131,700	75,080	51,687	21.0	29.7	34.9	75.4	45.3
Wage-earners engaged in manufactures	24,693	20,406	7,146	4,685	3,148	2,570	21.0	185.6	52.5	48.8	22.5
Per cent of total population	8.9	8.9	4.0	3.6	4.2	5.0					
Assessed value of real estate	[6] $176,567,549	$141,609,891	$87,980,356	$71,437,468	$33,097,542	$14,409,413	24.7	61.0	23.2	115.8	129.7
Value of land and buildings invested in manufactures [7]	$14,931,307	$10,835,034	(3)	(3)	(3)	(3)	37.8				
Per cent of assessed value	8.5	7.7									

[1] Includes governmental establishments.
[2] Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 3.)
[3] Not reported separately.
[4] Decrease.
[5] Not reported.
[6] As given for the year 1900 in the Report of the Assessor of the District of Columbia, page 11.
[7] Does not include value of rented property.

Although Washington is not a manufacturing city in the general significance of the term, Table 1 shows that there has been a remarkable growth in the manufacturing and mechanical industries during the half century. The population during these years increased from 51,687 to 278,718, while the average number of wage-earners employed in manufacturing establishments increased from 2,570 to 24,693, embracing, in 1900, 8.9 per cent of the entire population compared with 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 32,955, or 11.8 per cent of the total population of the District. The greatest increase in the value of products, $27,449,121, is shown for the decade ending with the year 1890. Some of the percentages of increase for this decade are abnormal, due largely to the much closer canvass at the census of 1890 than at prior censuses.

The reports for the census of 1890 include the returns from all governmental establishments in the District, embracing the several executive departments, the United States Navy Yard, the Government Printing Office, the Bureau of Engraving and Printing, etc. They also include the returns of educational, penal, and eleemosynary institutions in which mechanical industries are carried on. It is impossible to separate these governmental and public establishments for the census of 1890 and, therefore, for purpose of comparison in Table 1 the governmental establishments are included in the figures for 1900. In all other tables for 1900, where governmental establishments are reported, they are separately shown.

Nearly all the industries reported in 1900 were of the kind which may be described as neighborhood industries, i. e., industries embracing establishments chiefly engaged in the production or repairing of articles for local consumption, including the so-called hand trades; all these are not manufactures in a large sense, but rather the "mechanical industries" contemplated by the census act.

Table 2 divides the industries of the District between the hand trades, the manufactures proper, governmental establishments, and educational, eleemosynary, and penal institutions. This table also gives the statistics of establishments with a product of less than $500, which 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	3,173	$42,081,065	3,445	24,842	$14,692,806	$4,452,791	$19,451,085	$3,851,074	$14,955,132	$641,879	$47,902,109
Hand trades[1]	1,683	3,592,847	1,902	7,583	4,090,989	1,810,044	6,804,537	71,684	6,027,249	105,604	16,030,759
Governmental establishments	85	17,652,110	--------	8,396	6,357,377	279,893	2,731,104	17,711	2,639,757	73,636	9,887,855
Educational, eleemosynary, and penal institutions	40	41,357	17	107	42,089	3,409	50,877	2,849	47,585	443	133,176
Establishments with a product of less than $500	379	58,463	404	42	7,003	15,730	30,637	2,618	28,019	----------	101,311
All other establishments	986	20,786,288	1,122	8,714	4,195,348	2,343,775	9,833,930	3,759,212	5,612,522	462,196	21,749,508

[1] Includes bicycle and tricycle repairing, 78; blacksmithing and wheelwrighting, 156; boots and shoes, custom work and repairing, 203; carpentering, 196; clothing, men's, custom work and repairing, 172; clothing, women's, dressmaking, 125; dyeing and cleaning, 35; furniture, cabinetmaking, repairing, and upholstering, 97; lock and gun smithing, 29; masonry, brick and stone, 71; millinery, custom work, 73; painting, house, sign, etc., 132; paper hanging, 55; plastering and stuccowork, 14; plumbing, and gas and steam fitting, 136; sewing machine repairing, 8; taxidermy, 3; typewriter repairing, 4; watch, clock, and jewelry repairing, 96.

Of the 3,173 establishments of all classes shown in this table, 2,062, or 65 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 $16,132,070, or 33.7 per cent of the total products of the District. This table also shows that 20.6 per cent of the total value of the manufacturing and mechanical industries of the District of Columbia was the product of governmental establishments and institutions.

In addition to the 3,173 active establishments in the District during the census year, with a capital of $42,081,065, shown in Table 2, there were 3 idle establishments with a capital of $360,000. One of these establishments was a paper mill, one a brick yard, and one an opaque glass-blowing works.

Table 3 shows the totals for the District of Columbia by specified industries; Table 4 shows the statistics for governmental establishments by specified industries.

TABLE 3.—MANUFACTURES BY

	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	2,669	$24,329,135	$3,810,548	$4,177,354	$8,044,805	$8,796,428	3,024	1,668	$1,314,396	16,297	$8,286,337
2	Awnings, tents, and sails	6	23,275	9,000	2,500	2,125	9,650	8	1	1,040	26	10,182
3	Baskets, and rattan and willow ware	3	4,166	2,000	1,500	10	656	3				
4	Bicycle and tricycle repairing	78	55,115			22,290	32,825	91	9	2,850	132	42,749
5	Blacksmithing and wheelwrighting	156	231,678	74,150	47,585	33,412	76,531	186	13	8,444	327	165,029
6	Bookbinding and blank book making	7	28,513			20,100	8,413	8			41	18,001
7	Boots and shoes, custom work and repairing.	203	49,276	6,550	4,930	18,859	18,937	209			114	42,931
8	Bottling	16	198,895	46,200	56,750	21,742	74,203	12	30	26,125	145	69,807
9	Boxes, fancy and paper	3	17,300	500	200	12,500	4,100	5	1	750	42	10,560
10	Bread and other bakery products	106	1,013,348	242,935	394,110	179,360	196,943	120	147	110,632	617	314,959
11	Brick and tile	11	715,840	469,280	92,650	88,270	65,640	12	17	16,304	487	166,483
12	Brooms and brushes	4	14,425	2,500	4,000	2,675	5,250	5	1	468	16	4,992
13	Carpentering	196	477,619	53,693	46,705	56,980	320,241	213	32	24,754	1,489	921,763
14	Carriages and wagons	21	141,306	49,800	48,800	11,625	31,081	27	2	1,212	154	71,382
15	China decorating	5	22,270			5,230	17,040	5	2	310	9	4,220
16	Clothing, men's, custom work and repairing.	172	543,996	18,370	12,250	81,761	481,615	195	39	30,114	752	401,786
17	Clothing, women's, dressmaking	125	96,649	2,800	4,100	18,513	71,236	137	12	4,445	446	131,230
18	Coffee and spice, roasting and grinding.	5	172,382	12,000	32,000	41,300	87,082	7	16	12,372	24	12,250
19	Confectionery	48	271,990	47,900	79,250	76,550	68,290	61	56	26,397	252	86,190
20	Cooperage	5	21,160	7,680	3,000	430	10,050	6	3	1,342	34	11,611
21	Corsets	3	3,400	300	100	250	2,750	3			7	1,956
22	Druggists' preparations, not including prescriptions.	14	18,405	2,000	1,000	2,100	13,305	17			14	3,734
23	Dyeing and cleaning	35	104,767	28,000	29,500	33,208	14,059	38	10	2,848	103	40,977
24	Electrical construction and repairs	21	95,405			12,675	82,730	27	21	18,684	124	80,684
25	Electroplating	3	10,100			4,400	5,700	5			16	5,191
26	Engraving and diesinking	7	3,075			1,900	1,175	6	1	200	8	5,652
27	Engraving, steel, including plate printing.	5	8,000			5,700	2,300	5			27	12,812
28	Fertilizers	6	95,085	22,000	11,000	18,585	43,500	8	7	1,733	22	9,051
29	Flouring and grist mill products	9	108,065	30,700	37,300	58,375	71,690	15	18	13,450	34	30,848
30	Food preparations	5	39,032	2,000	2,500	7,828	20,704	5	5	2,964	30	13,540
31	Foundry and machine shop products	16	1,431,754	105,000	29,500	127,508	1,169,746	19	24	30,835	307	175,214
32	Fur goods	6	33,150			1,550	31,600	6	2	924	32	23,048
33	Furniture, cabinetmaking, repairing, and upholstering.	97	302,481	49,500	54,500	29,021	169,460	108	18	12,899	266	146,424
34	Gas, illuminating and heating	3	4,805,623	270,724	686,900	3,414,767	493,232		49	105,908	382	202,796
35	Hairwork	3	3,628	400	100	460	2,668	8			4	1,400
36	Hand stamps	3	24,000			6,400	17,600	5	1	520	17	8,624
37	Ice, manufactured	4	629,992	65,000	180,000	355,024	29,968	2	16	14,310	83	40,603
38	Instruments, professional and scientific	5	35,420	2,000	4,000	9,920	19,500	6	2	100	20	14,880
39	Ironwork, architectural and ornamental.	10	269,750	90,000	37,000	38,300	104,450	13	8	7,778	120	57,340
40	Kindling wood	9	8,989		2,000	4,594	2,395	13			32	9,128
41	Lime and cement	6	119,070	31,000	18,500	44,443	25,127	5	7	4,404	87	28,629
42	Liquors, malt	4	2,298,704	261,040	955,848	520,323	561,493	2	35	56,104	191	140,690
43	Lithographing and engraving	3	93,100	500	1,000	76,000	15,600	3	3	3,000	41	19,440
44	Lock and gun smithing	29	20,082	6,300	3,200	6,142	4,440	30			9	4,921
45	Looking-glass and picture frames	16	61,125	1,200	500	5,625	43,800	20	14	8,504	52	29,142
46	Lumber, planing mill products, including sash, doors, and blinds.	10	252,397	44,159	13,500	34,338	160,400	11	20	16,095	235	109,558
47	Marble and stone work	22	292,135	124,000	15,700	45,085	107,350	34	3	3,200	217	126,062
48	Masonry, brick and stone	71	624,238	7,500	10,700	78,144	527,894	85	77	77,168	1,675	961,215
49	Mattresses and spring beds	8	95,750	21,000	32,300	11,225	31,225	10	9	6,800	82	37,806
50	Millinery, custom work	73	178,800	2,500	2,000	3,805	170,495	96	121	42,182	345	109,707
51	Mineral and soda waters	11	73,335	9,600	6,380	48,005	9,350	12	14	10,548	68	19,412
52	Models and patterns	8	30,000	6,000	3,000	14,350	6,650	8			31	24,708
53	Monuments and tombstones	10	151,360	5,000	1,000	7,910	137,450	12	8	6,480	84	35,713
54	Painting, house, sign, etc	132	137,074	13,140	11,060	25,351	87,523	156	18	10,434	589	345,762
55	Paper hanging	55	211,180	16,500	9,005	9,450	176,225	63	29	20,103	309	174,215
56	Patent medicines and compounds	16	314,755	15,000	33,000	18,805	247,950	17	108	32,826	63	16,177
57	Paving and paving materials	17	1,061,974	177,901	155,944	235,403	492,726	18	40	45,865	961	393,000
58	Perfumery and cosmetics	4	2,995			515	2,480	6			4	440
59	Photography	46	223,550	10,500	10,850	140,495	61,705	53	20	11,728	151	58,638
60	Photolithographing and photoengraving.	3	202,272			110,736	91,536	4	17	13,760	97	62,616
61	Plastering and stuccowork	14	83,360	20,800	12,300	2,335	48,425	15	9	1,304	99	52,186
62	Plumbing, and gas and steam fitting	136	343,549	10,750	12,800	51,624	268,375	159	59	38,376	772	469,663
63	Pottery, terra cotta, and fire-clay products.	6	256,200	55,000	84,500	43,500	73,200	8	5	6,300	109	37,594
64	Printing and publishing, book and job	72	794,400	92,200	66,800	455,022	180,378	88	36	30,620	684	340,495
65	Printing and publishing, newspapers and periodicals.	60	2,283,897	290,300	576,812	843,029	523,756	51	301	289,566	600	393,220
66	Roofing and roofing materials	14	23,355	2,700	1,800	3,935	14,920	14	2	1,770	59	42,952

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.										
14,332	$7,777,417	1,849	$490,537	116	$18,383	$4,153,819	$635,922	$99,713	$1,749,233	$1,668,951	$16,638,467	$16,299,974	$338,493	$37,780,267	1
15	7,074	11	3,108			1,903	1,056	161	686		14,212	13,998	214	47,200	2
						188	72	22	94		427	405	22	2,490	3
126	41,877			6	872	18,520	14,414		2,946	1,160	107,845	106,421	1,424	240,706	4
324	164,656			3	378	26,265	20,240	1,519	3,426	1,080	131,273	126,530	4,743	508,567	5
33	16,090	8	1,911			4,080	1,846		974	1,260	14,366	13,877	489	48,582	6
110	42,267			4	664	24,055	22,049	83	1,160	763	79,344	77,678	1,666	244,420	7
143	69,207	2	600			56,629	3,120	1,757	51,752		298,878	296,683	2,195	529,770	8
7	3,180	35	7,380			1,365	1,200	10	155		11,320	10,875	445	31,000	9
573	306,145	33	6,214	11	2,600	88,302	18,934	4,774	64,594		1,144,363	1,111,837	32,526	2,088,176	10
437	166,483					34,926	400	4,312	29,714	500	62,569	15,572	46,997	364,142	11
14	4,680			2	312	613	366	57	190		27,681	27,532	149	39,576	12
1,488	921,613			1	150	970,481	17,321	1,031	17,034	935,095	1,414,122	1,412,947	1,175	3,853,400	13
153	71,128			1	254	8,502	5,255	553	2,159	535	57,023	55,706	1,317	191,545	14
4	2,600	5	1,620			3,105	2,600		505		6,710	6,672	38	24,712	15
565	337,504	185	63,997	2	285	124,747	64,362	603	32,811	26,971	520,403	516,815	3,588	1,400,798	16
44	34,295	401	96,821	1	104	33,188	26,066	118	4,454	2,550	195,294	193,553	1,741	485,940	17
18	11,800	1	150	5	300	3,583	1,825	508	1,250		248,599	246,714	1,885	304,328	18
169	71,464	81	14,546	2	180	34,209	20,154	1,161	12,894		330,817	325,413	5,404	682,525	19
34	11,611					5,019	2,340	79	2,530	70	22,084	22,084		50,350	20
		7	1,956			880	720	5	155		5,288	5,288		10,684	21
11	3,175	3	559			8,509	1,277	110	6,922	200	14,753	14,601	152	55,392	22
77	31,649	26	9,328			19,137	9,821	376	6,379	2,561	15,688	12,320	3,318	125,258	23
123	80,534	1	150			34,780	8,184		20,296	6,300	210,432	209,399	1,033	491,773	24
16	5,194					956	816		125	15	4,153	3,574	579	14,400	25
8	5,652					3,051	1,068		183	1,800	410	376	34	17,010	26
18	10,529	7	1,958	2	325	1,980	1,404		576		2,585	2,489	96	25,733	27
22	9,051					2,617	1,210	100	1,307		50,273	49,063	1,210	78,930	28
84	30,848					18,167	5,155	676	12,336		537,690	528,629	9,061	632,754	29
23	12,200	2	300	5	1,040	26,661	920	79	25,662		131,331	131,024	307	191,483	30
307	175,214					147,864	8,766	583	29,396	109,119	267,738	251,085	6,653	751,458	31
13	14,800	19	8,248			4,811	2,654		1,357	800	35,814	35,640	174	83,200	32
250	141,317	13	4,066	3	541	29,949	17,863	793	7,814	3,479	136,655	134,188	2,467	446,998	33
382	202,796					66,637	300	44,888	21,449		363,939	350,927	13,012	1,220,391	34
		4	1,400			1,565	1,384	3	130	48	2,481	2,275	156	10,234	35
16	8,264	1	260			2,601	1,936		665		9,238	8,940	298	59,400	36
83	40,603					36,979	8,900	7,240	20,839		61,267	24,863	36,404	182,575	37
20	14,880					3,682	840	60	2,112	670	6,001	5,749	252	45,350	38
120	57,340					35,006	1,676	875	5,455	27,000	236,887	233,272	3,615	395,326	39
32	9,128					2,471	1,228		1,243		14,493	14,101	392	33,708	40
87	28,629					6,705	820	236	5,649		30,610	19,159	11,451	91,376	41
191	140,690					650,902	2,400	7,933	640,569		286,658	260,619	26,034	1,340,041	42
41	19,440					5,670	2,600	265	2,805		20,562	18,920	1,642	73,849	43
9	4,921					3,141	2,679	109	353		8,697	8,287	410	37,096	44
52	29,142					13,113	6,336	28	6,749		47,401	46,659	742	141,801	45
233	109,242			2	316	106,014	30,073	1,821	14,600	60,020	204,979	203,195	1,784	498,744	46
217	126,062					20,850	8,398	1,659	14,453	1,340	138,845	137,554	1,291	362,628	47
1,675	961,215					340,087	10,639	165	21,288	307,995	2,341,442	2,340,081	1,361	4,259,229	48
70	33,306	12	4,500			9,622	3,630	480	5,512		85,642	84,634	1,008	171,382	49
9	2,604	333	106,768	3	335	66,829	48,471	663	10,695	7,000	446,264	443,437	2,827	891,287	50
63	18,612	5	800			11,699	3,086	233	8,380		40,647	39,460	1,187	108,310	51
31	24,708					1,538	1,116	120	302		5,444	4,880	564	44,720	52
33	35,353	1	360			5,147	3,202	185	1,760		108,410	108,220	190	188,937	53
585	345,368			4	394	24,600	14,230	213	6,914	3,243	170,175	169,537	638	750,656	54
309	174,215					23,955	15,892	302	5,841	1,920	164,614	163,998	616	500,004	55
18	6,968	45	9,209			45,723	3,079	466	42,088	90	45,779	45,032	747	272,570	56
961	393,000					89,286	2,507	2,205	54,574	30,000	797,302	779,980	17,322	1,482,974	57
1	100	3	340			859	276		583		777	718	59	4,300	58
117	48,390	31	9,868	3	380	29,797	19,914	82	9,796	5	92,877	91,683	1,194	336,764	59
97	62,616					11,541	3,200	163	8,178		71,681	69,514	2,167	281,087	60
93	52,030			1	156	9,589	1,134	51	1,754	6,650	44,977	44,774	203	142,876	61
770	460,305			2	364	64,465	26,510	455	20,285	17,215	965,450	960,043	5,407	1,863,142	62
109	37,594					8,406	125	636	7,645		28,385	2,354	26,031	117,003	63
553	297,914	121	40,491	10	2,090	69,867	22,962	1,474	18,436	26,995	195,469	187,060	8,409	815,101	64
477	363,083	105	27,229	18	2,908	411,596	23,526	3,751	317,552	66,767	288,491	276,834	11,657	1,846,535	65
59	42,952					2,772	1,666	41	1,065		72,128	72,031	97	152,270	66

TABLE 3.—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.
67	Saddlery and harness	39	$36,950			$4,270	$32,680	48	3	$1,524	61	$33,569
68	Sewing machine repairing	8	3,480			1,555	1,925	5			14	5,310
69	Ship and boat building, wooden	3	14,465	$11,500	$1,400	515	1,050	5			17	11,480
70	Shirts	5	8,868			2,217	6,651	5	1	1,200	27	7,676
71	Slaughtering and meat packing, wholesale.	6	205,800	49,000	88,000	37,800	81,000	7	31	15,720	91	43,297
72	Taxidermy	3	4,650			350	4,300	3			6	2,167
73	Tinsmithing, coppersmithing, and sheet-iron working.	105	275,075	46,476	35,250	56,255	137,094	119	24	20,148	443	250,040
74	Tobacco, cigars and cigarettes	42	50,618	6,100	5,875	2,885	35,758	43			63	29,236
75	Typewriter repairing	4	6,425	1,000	2,000	1,025	2,400	3			5	3,032
76	Watch, clock, and jewelry repairing	96	118,428	10,800	9,000	46,265	52,363	110	4	1,224	131	78,926
77	Window shades	5	16,190	4,000	8,000	390	3,800	9	2	1,700	9	4,950
78	Wirework, including wire rope and cable.	4	7,260			6,700	560	3	1	900	6	2,100
79	Wood, turned and carved	8	27,245			13,345	13,900	11			41	24,760
80	All other industries[1]	56	1,111,700	244,600	133,600	259,341	474,159	55	84	54,071	1,014	394,997

[1] Embraces artificial feathers and flowers, 1; artificial limbs, 2; billiard tables and materials, 1; boot and shoe uppers, 1; boxes, cigar, 1; brass castings and brass finishing, 1; carpets, rag, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; dentists' materials, 1; engravers' materials, 1; fancy articles, not elsewhere specified, 1; fish, canning and preserving, 1; flags and banners, 1; flavoring extracts, 1; gas machines and meters, 2; glass, cutting, staining, and ornamenting, 2; glue, 1; grease and tallow, 2;

TABLE 4.—MANUFACTURES IN GOVERNMENTAL

1	All industries	85	$17,652,110	$2,577,410	$4,865,995	$7,693,974	$2,514,731		415	$519,041	8,396	$6,357,377
2	Ammunition	1	9,000	2,000	4,000	1,000	2,000		2	2,200		
3	Blacksmithing and wheelwrighting	4	1,400	850	150	225	175				5	3,082
4	Bookbinding and blank book making	2	3,300			3,000	300		1	1,560	7	7,777
5	Boxes, wooden packing	1	8,000	1,000	2,000	3,000	2,000				3	2,400
6	Carpentering	18	354,636	201,400	74,150	9,155	69,931		9	7,606	106	67,690
7	Clothing, men's, custom work and repairing.	1	50			50					1	264
8	Coffins, burial cases, and undertakers' goods.	1	550			300	250				1	500
9	Engraving, steel, including plate printing.	5	1,572,100	125,000	580,000	353,000	564,100		110	143,638	2,116	1,707,345
10	Foundry and machine shop products	6	7,025			5,300	1,725		1	1,020	13	12,705
11	Furniture, cabinetmaking, repairing, and upholstering.	8	9,910			5,525	4,385		4	4,400	22	24,008
12	Leather goods	1	20,949			10,970	9,979		5	5,600	212	104,551
13	Lock and gun smithing	3	37,901			35,550	2,351		2	3,000	55	38,200
14	Masonry, brick and stone	3	3,733,454	1,650,160	2,000,195	83,049	50		23	23,484	705	317,548
15	Models and patterns	2	163,050		105,000	58,025	25		4	4,931	89	82,430
16	Ordnance and ordnance stores	1	9,350,245	250,000	1,750,000	6,000,000	1,350,245		123	138,000	1,686	1,090,533
17	Painting, house, sign, etc	8	3,392			1,450	1,942		2	1,145	20	16,437
18	Photography	8	27,399	2,000	500	17,600	7,299		1	1,800	22	22,918
19	Plumbing, and gas and steam fitting	6	4,600			2,950	1,650				11	8,734
20	Printing and publishing, book and job	4	2,344,646	345,000	400,000	1,103,500	496,146		128	180,657	3,417	2,896,235
21	Taxidermy	1	350			250	100				4	3,000
22	Tinsmithing, coppersmithing, and sheet-iron working.	1	153			75	78				1	1,020

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.										
60	$33,491			1	$78	$10,818	$7,854	$15	$1,949	$1,000	$48,200	$47,749	$451	$146,918	67
14	5,310					1,651	1,472		179		2,954	2,849	105	13,780	68
17	11,480					154		29	125		6,989	6,989		24,980	69
2	1,560	24	$6,012	1	104	1,546	1,140		256	150	6,904	6,844	60	24,356	70
89	42,531	2	676			14,735	2,000	750	10,185	1,800	980,795	973,102	7,693	1,131,312	71
5	2,117	1	50			1,557	778		619	160	2,467	2,455	12	8,139	72
439	249,502	1	200	3	338	27,585	15,318	895	10,037	1,335	302,711	299,223	3,488	778,267	73
58	28,618	2	488	3	130	17,967	3,810	121	13,916	60	47,214	47,001	213	124,532	74
5	3,032					792	492	50	250		1,292	1,277	15	6,641	75
127	78,048	1	520	3	358	27,036	18,005	199	8,982	4,850	55,631	53,541	2,090	252,377	76
8	4,550	1	400			945	380	145	420		14,960	14,805	155	32,780	77
5	2,000			1	100	828	828				1,749	1,655	94	9,250	78
41	24,760					4,132	2,610		1,522		20,267	19,882	385	72,604	79
685	334,611	316	58,051	13	2,332	122,377	28,022	1,737	84,238	8,380	1,658,292	1,644,824	13,468	2,419,925	80

hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 1; jewelry, 2; leather goods, 1; millinery and lace goods, 1; musical instruments, organs and materials, 1; oleomargarine, 2; paints, 1; paper goods, not elsewhere specified, 2; printing materials, 1; regalia and society banners and emblems, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; sporting goods, 1; stamped ware, 1; stationery goods, not elsewhere specified, 1; surgical appliances, 2; toys and games, 2; typewriters and supplies, 1; umbrellas and canes, 2; vinegar and cider, 2.

ESTABLISHMENTS BY SPECIFIED INDUSTRIES: 1900.

6,083	$4,671,719	2,313	$1,685,658			$279,833	$12,742		$173,524	$63,567	$2,731,104	$2,659,497	$71,607	$9,887,355	1
						3,500				3,500	1,020	1,020		6,720	2
5	3,082										831	787	47	3,916	3
6	6,995	1	782								767	722	45	10,104	4
3	2,400										2,455	2,440	15	4,855	5
106	67,690					19,229	1,740		50	17,439	44,003	43,688	315	138,528	6
1	264										6	6		270	7
1	500										599	599		1,099	8
1,023	1,183,360	1,093	523,985			56,949	8,220		26,215	22,514	365,927	352,202	13,725	2,273,859	9
13	12,705					5,364				5,364	5,369	5,270	99	24,458	10
22	24,008					400			400		10,838	10,614	224	39,646	11
122	71,547	90	33,004			8,002	5,006		2,996		17,383	15,888	1,495	135,536	12
55	38,200					14,000				14,000	6,441	6,441		61,641	13
705	317,548										195,974	178,838	17,136	537,006	14
89	32,430					530	530				28,874	27,493	1,381	66,765	15
1,530	1,078,450	56	12,083			126,266			126,266		853,360	825,222	28,138	2,208,159	16
20	16,437					870	120			750	8,696	8,626	70	27,148	17
21	22,198	1	720			1,010	950		60		10,181	10,006	125	35,859	18
11	8,734										5,231	5,181	50	13,965	19
2,345	1,781,151	1,072	1,115,084			43,713	26,086		17,627		1,172,199	1,163,457	8,742	4,292,804	20
4	3,000										251	251		3,251	21
1	1,020										746	746		1,766	22

FLORIDA.

Table 1 shows the manufacturing and mechanical industries of the state of Florida 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	2,056	805	426	659	185	103	155.4	89.0	[1] 35.4	256.2	79.6
Capital	$33,107,477	$11,110,301	$3,210,680	$1,679,930	$1,874,125	$547,060	198.0	246.0	91.1	[1] 10.4	242.6
Salaried officials, clerks, etc., number	1,778	[2] 808	(3)	(3)	(3)	(3)	120.0				
Salaries	$1,295,139	[2] $594,454	(3)	(3)	(3)	(3)	117.9				
Wage-earners, average number	34,280	13,119	5,504	2,749	2,454	991	160.9	138.4	100.2	12.0	147.6
Total wages	$10,683,038	$5,918,614	$1,270,875	$989,592	$619,840	$199,452	80.5	365.7	28.4	59.7	210.8
Men, 16 years and over	32,188	11,539	4,564	2,670	2,297	876	178.9	152.8	70.9	16.2	162.2
Wages	$10,181,990	$5,462,984	(3)	(3)	(3)	(3)	86.4				
Women, 16 years and over	1,668	1,312	558	20	157	115	27.1	135.1	2,690.0	[1] 87.3	36.5
Wages	$455,906	$424,555	(3)	(3)	(3)	(3)	7.4				
Children, under 16 years	374	268	382	59			39.6	[1] 29.8	547.5		
Wages	$45,142	$31,075	(3)	(3)			45.3				
Miscellaneous expenses	$2,368,626	$1,131,067	(4)	(4)	(4)	(4)	109.0				
Cost of materials used	$15,637,520	$8,021,854	$3,040,119	$2,330,873	$874,506	$220,611	94.9	163.9	30.4	166.5	296.4
Value of products, including custom work and repairing	$36,810,243	$18,222,890	$5,546,448	$4,685,403	$2,447,969	$668,335	102.0	228.6	18.4	91.4	266.3
Total population	528,542	391,422	269,493	187,748	140,424	87,445	35.0	45.2	43.5	33.7	60.6
Wage-earners engaged in manufactures	34,280	13,119	5,504	2,749	2,454	991	160.9	138.4	100.2	12.0	147.6
Per cent of total population	6.5	3.4	2.0	1.5	1.7	1.1					
Assessed value of real estate	[5] $79,688,902	$60,596,574	$18,885,151	$20,197,691	$21,722,810	$7,924,588	31.5	220.9	[1] 6.5	[1] 7.0	174.1
Value of land and buildings invested in manufactures	[6] $13,687,841	$3,514,648	(7)	(7)	(7)	(7)	289.5				
Per cent of assessed value	17.2	5.8									

[1] Decrease.
[2] Includes proprietors and firm members with their salaries; number only reported in 1900. (See Table 6.)
[3] Not reported separately.
[4] Not reported.
[5] As given for the year 1900, in the Annual Report of the Comptroller of the State of Florida.
[6] Does not include the value of rented property.
[7] Figures not accessible.

Although the most important industries of Florida are those directly dependent upon the agricultural and mineral resources of the state, manufacturing and the mechanical industries have had a steady and significant growth during the last half century. The average number of wage-earners employed in the establishments engaged in these industries constituted 6.5 per cent of the population of the state in 1900 as compared with 1.1 per cent in 1850. The apparent decrease in the number of establishments reported between 1870 and 1880 is due partly to the inclusion in 1870 of sugar and molasses manufactured on the plantation—a branch of the sugar manufacture excluded in 1880—and partly to the imperfect enumeration of the hand trades in 1870 and 1880. During the last decade the total value of the manufactures of the state more than doubled, while the number of wage-earners employed increased 160.9 per cent.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for educational 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	2,678	$33,313,171	3,108	34,724	$10,695,260	$2,376,535	$15,687,209	$6,221,858	$9,027,784	$437,567	$36,946,496
Hand trades[1]	443	656,949	497	992	433,456	75,296	859,362	4,494	826,912	27,956	1,809,525
Educational institutions	2	575					404		356	48	795
Establishments with a product of less than $500	615	205,119	632	494	12,222	12,909	49,285		49,075	210	185,458
All other establishments	1,613	32,450,528	1,979	33,238	10,249,582	2,288,330	14,778,158	6,217,364	8,151,441	409,353	35,000,718

[1] Includes bicycle and tricycle repairing, 54; blacksmithing and wheelwrighting, 95; boots and shoes, custom work and repairing, 43; carpentering, 38; clothing, men's, custom work and repairing, 49; clothing, women's, dressmaking, 15; dyeing and cleaning, 4; furniture, cabinetmaking, repairing, and upholstering, 10; lock and gun smithing, 4; masonry, brick and stone, 8; millinery, custom work, 41; painting, house, sign, etc., 7; plumbing, and gas and steam fitting, 26; sewing machine repairing, 2; taxidermy, 1; watch, clock, and jewelry repairing, 46.

Of the 2,673 establishments of all classes shown in this table, 1,058, or 39.6 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 $1,944,983, or 5.3 per cent of the total products of the state.

In addition to the 2,673 active establishments in the state during the census year, with a capital of $33,313,171, shown in Table 2, there were 29 idle establishments, with a capital of $524,379, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Fertilizers	1	$100,000	Patent medicines and compounds	1	$8,300
Lumber and timber products	12	269,330	Starch	1	85,000
Lumber, planing mill products, including sash, doors, and blinds	2	8,925	Tobacco, cigars and cigarettes	1	6,025
Paper and wood pulp	1	40,000	All other industries	10	7,799

Table 3 presents the statistics for the 7 leading industries of the state for 1900 and 1890.

TABLE 3.—COMPARATIVE SUMMARY OF SEVEN 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	1,045	$27,649,879	30,237	$9,244,321	$2,052,416	$12,925,978	$30,680,179
	1890	431	8,010,430	10,960	5,142,613	964,560	6,448,255	14,905,966
Increase, 1890 to 1900		614	19,639,449	19,277	4,101,708	1,087,856	6,477,723	15,774,213
Per cent of increase		142.5	245.2	175.9	79.8	112.8	100.5	105.8
Per cent of total of all industries in state	1900	50.8	83.5	88.3	86.5	86.8	82.7	83.3
	1890	53.5	72.1	83.5	86.9	85.3	80.4	81.8
Cars and general shop construction and repairs by steam railroad companies.	1900	13	414,390	958	486,488	19,224	579,870	1,112,245
	1890	10	158,960	280	144,997	1,800	201,514	354,013
Fertilizers	1900	7	783,369	117	39,961	84,030	330,649	500,239
	1890	3	14,705	23	4,805	1,059	74,075	86,137
Lumber and timber products	1900	416	14,937,698	7,081	2,197,875	486,706	5,725,887	10,848,403
	1890	215	5,438,866	4,363	1,289,276	274,213	2,745,016	5,514,879
Printing and publishing	1900	100	538,743	406	179,758	39,299	155,317	603,410
	1890	86	485,855	468	204,719	76,002	122,122	567,808
Ship and boat building, wooden	1900	15	149,159	141	78,509	7,185	111,111	254,991
	1890	16	93,156	60	29,881	2,083	21,702	68,020
Turpentine and rosin	1900	306	5,526,618	15,073	3,049,200	201,756	1,222,932	6,469,605
	1890	15	182,992	484	93,269	5,520	45,865	191,859
Tobacco, cigars and cigarettes	1900	128	5,349,907	6,461	3,217,530	1,264,216	4,800,212	10,891,286
	1890	86	1,686,396	5,273	3,876,166	603,883	3,237,961	8,123,220

The most valuable natural resource of Florida is its forests, estimated to cover 25,000,000 acres,[1] and composed largely of pitch pine, from which turpentine is produced, and live oak, used largely for shipbuilding. The value of the products of the industries dependent upon the forests of the state—lumber and timber products, including tar and turpentine, and shipbuilding—amounted to $17,572,999, or 47.7 per cent of the total value of the manufactured products in the state in 1900. There were 790,373,000 feet of sawed lumber, board measure, including custom sawing, cut in the sawmills of the state during the year, valued at $7,853,462. The total value of the product in 1900, including planing mill operations carried on in connection with the sawmills, and including the amount received for custom work, was $10,848,403 as compared with $5,514,879 in 1890—an increase of 96.7 per cent. The average number of wage-earners engaged in the industry increased from 4,363 in 1890 to 7,081 in 1900, or 62.3 per cent. The industry is carried on chiefly in the northwestern part of the state, and the mills of this region use large quantities of timber cut in the forests of Georgia.

The manufacture of turpentine and rosin is practically all a growth of the last decade, the product in 1890 being valued at but $191,859 as compared with $6,469,605 in 1900. This product consisted chiefly of turpentine, 236,778 barrels, valued at $4,800,033, and rosin, 772,537 barrels, valued at $1,639,472. Ship and boat building, wooden, favored by the supply of suitable lumber, largely increased, gave employment to 141 wage-earners in 1900, and had a product valued at $254,991. This latter is over three times the value of the product reported for 1890.

[1] King's Handbook of the United States, by M. F. Sweetser, page 171.

The tobacco manufacture in Florida is largely a result of Cuban immigration. Most of the manufacturers use Havana tobacco entirely, the imports of tobacco leaf into the port of Tampa alone exceeding those of any other port except New York in the year 1899–1900, while the imports into all the ports of the state constituted over a tenth of the total imports of tobacco leaf into the country.[1] Florida tobacco is also used in considerable quantities, the Cuban "filler leaf" grown in Florida commanding the highest price of any domestic filler leaf,[2] while an exhibit at the Paris Exposition in 1900 of the so-called Sumatra "wrapper leaf" grown in Florida was rated by the jury higher than that grown in Sumatra itself.[3] The tobacco manufacture shows an average of 6,461 wage-earners employed in 1900 as compared with 5,273 employed in 1890, and a product valued at $10,891,286 in 1900 as compared with $8,123,220 in 1890.

Of the 3 remaining industries included in Table 3, the manufacture of fertilizers shows the largest percentage of increase since the year 1890. The industry has developed very largely during the last decade, giving employment to 117 wage-earners in 1900 as compared with 23 in 1890, and reporting a product valued at $500,239 in 1900 as compared with $86,137 in 1890. Rich veins of phosphate rock were discovered in the state in 1888, and a production began, which, in 1899, had become nearly one-half of the production of the country. Over 444,000 long tons of this valuable rock were exported from Florida during 1899, largely to foreign ports, and increasing quantities are being retained in the state to be manufactured into commercial fertilizers.[4] Car construction and repairs by steam railroad companies gave employment to 958 wage-earners in 1900 and 280 in 1890, and had a product valued at $1,112,245 in 1900 and $354,043 in 1890. Printing and publishing gave employment to 406 wage-earners in 1900 and 468 in 1890, and had a product valued at $603,410 in 1900 and $567,808 in 1890.

Table 4 presents the totals for the manufacturing industries of Jacksonville, Key West, and Tampa, and places them in comparison with the totals for the entire state and the state exclusive of these cities.

[1] Annual Report of the Treasury Department on Commerce and Navigation, 1900, Vol. 1, page 516.

[2] Yearbook of the Department of Agriculture, 1899, page 438.

[3] Ibid., 1900, page 162.

[4] The Production of Phosphate Rock in 1899, pages 6, 8, and 13. (Extract from the Annual Report of the Geological Survey, 1899–1900, Part VI.)

TABLE 4.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	2,056	$33,107,477	2,476	34,230	$10,683,038	$2,303,626	$15,637,520	$36,810,243
Total for urban manufactures	416	7,843,504	479	7,680	3,819,838	1,279,086	5,945,279	13,197,557
Jacksonville	195	2,068,663	208	1,602	645,921	153,295	1,007,924	2,312,209
Key West	92	1,839,194	110	1,969	1,164,835	534,388	1,395,072	3,408,607
Tampa	129	3,935,647	161	4,109	2,009,077	591,403	3,542,283	7,481,741
Total for state exclusive of urban manufactures	1,640	25,263,973	1,997	26,550	6,863,205	1,084,540	9,692,241	23,612,686
Per cent of urban manufactures to total for state	20.2	23.7	19.3	22.4	35.8	54.1	38.0	35.9

Of the 2,056 establishments in the state, 416, or 20.2 per cent, are located in the 3 cities. The capital reported for these establishments is 23.7 per cent of that for the entire state. They furnish employment to 22.4 per cent of the total number of wage-earners, pay 35.8 per cent of the total amount for wages, and their products form 35.9 per cent of the value of the total for the state.

Table 5 shows the totals for the state by counties.

Table 6 shows the totals for the state by specified industries.

Table 7 shows the totals for the city of Jacksonville by specified industries.

Table 8 shows the totals for the cities of Key West and Tampa.

TABLE 5.—MANUFACTURES

	COUNTIES AND 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	The State	2,056	$33,107,477	$10,795,140	$2,892,701	$7,298,569	$12,121,067	2,476	1,778	$1,295,139	34,230	$10,683,038
2	Alachua	85	928,851	293,943	90,531	254,228	290,149	103	68	31,462	1,178	323,071
3	Baker	15	294,340	192,520	9,650	82,070	10,100	16	17	9,390	376	78,063
4	Bradford	42	178,077	40,306	14,876	61,676	61,219	53	26	9,560	532	121,036
5	Brevard	17	124,209	5,500	22,050	67,357	29,302	19	8	4,480	94	24,202
6	Calhoun	11	275,645	148,719	20,028	16,271	90,627	20	23	8,660	597	115,513
7	Citrus	19	355,914	149,919	16,635	52,978	136,382	20	37	17,259	585	137,540
8	Clay	20	206,094	71,365	13,340	51,526	69,863	30	15	7,110	413	86,768
9	Columbia	65	1,140,525	523,914	88,943	338,186	189,482	64	44	28,000	923	208,293
10	Dade	34	78,445	5,935	8,100	46,650	17,760	35	5	4,380	71	33,045
11	De Soto	21	253,649	130,850	14,410	83,014	25,375	28	8	5,110	200	61,175
12	Duval	214	3,353,339	996,976	401,452	844,447	1,110,964	229	157	133,294	2,292	812,731
13	Escambia	110	4,812,866	2,495,683	256,276	1,033,179	1,027,728	115	89	84,899	1,373	526,186
14	Franklin	16	973,403	164,540	98,593	227,962	482,308	9	41	39,077	555	170,310
15	Gadsden	38	277,799	48,360	44,447	108,423	76,569	42	16	9,460	427	80,569
16	Hamilton	46	610,597	298,131	25,040	172,870	114,556	64	44	30,245	848	211,202
17	Hernando	27	325,753	196,656	21,132	45,123	62,842	42	37	17,390	578	139,150
18	Hillsboro	212	5,010,934	383,995	630,187	604,511	3,392,241	257	271	326,623	5,636	2,533,884
19	Holmes	27	186,673	71,823	17,385	30,885	66,580	37	22	8,870	571	117,042
20	Jackson	60	257,198	95,020	21,782	69,782	70,614	61	36	13,284	851	176,421
21	Jefferson	49	82,006	28,195	9,155	28,725	15,931	55	7	1,975	220	42,410
22	Lafayette	13	109,696	52,874	13,976	16,720	26,126	19	18	6,600	454	80,150
23	Lake	47	331,703	134,482	27,507	72,542	97,172	61	35	17,064	561	137,630
24	Lee	6	11,070	560	1,400	5,750	3,360	5	1	600	19	5,440
25	Leon	50	326,918	69,030	34,674	134,971	88,243	58	41	22,135	966	214,204
26	Levy	34	837,239	524,324	44,280	145,406	123,229	47	64	26,981	825	197,737
27	Liberty	9	75,221	47,721	8,420	11,060	8,020	11	8	2,630	220	42,150
28	Madison	43	300,030	70,501	98,070	96,977	34,482	49	23	14,255	370	83,981
29	Manatee	7	20,055	9,300	1,700	5,695	3,960	8	1	500	34	9,600
30	Marion	97	1,300,901	596,203	85,330	321,929	297,439	131	87	48,611	1,401	392,896
31	Monroe	93	1,839,444	33,850	46,800	37,881	1,720,913	111	61	85,319	1,969	1,164,835
32	Nassau	32	572,510	160,903	54,453	196,471	160,683	37	19	15,151	795	284,565
33	Orange	57	720,223	168,731	79,582	276,081	201,829	56	46	31,580	615	187,692
34	Osceola	11	38,755	16,700	1,310	7,995	12,750	15	1	500	26	6,341
35	Pasco	40	581,286	345,550	32,625	107,580	95,531	59	36	14,230	864	177,659
36	Polk	28	501,260	223,936	42,835	149,174	85,315	41	21	8,480	456	95,192
37	Putnam	79	1,035,773	203,010	83,562	287,246	461,955	99	57	47,335	920	252,400
38	St. John	61	804,544	219,902	67,636	282,552	234,454	80	46	25,532	1,006	274,126
39	Santa Rosa	33	1,336,975	602,916	110,165	266,032	357,862	53	42	32,545	670	206,599
40	Sumter	19	555,833	233,610	21,870	107,778	192,575	24	26	14,425	456	115,492
41	Suwanee	26	291,022	87,538	26,757	119,105	57,622	35	22	12,300	744	187,174
42	Taylor	9	72,551	42,499	6,645	5,492	17,915	14	9	2,954	85	16,600
43	Volusia	51	390,364	120,457	32,627	188,120	99,160	66	29	14,195	519	114,215
44	Wakulla	23	291,610	116,877	34,087	85,985	54,661	24	37	16,570	649	136,427
45	Walton	31	330,956	96,582	44,800	58,583	130,991	37	34	18,385	589	148,254
46	Washington	29	698,121	274,734	67,578	141,581	214,228	37	43	25,734	694	153,005

TABLE 6.—MANUFACTURES BY

1	All industries	2,056	$33,107,477	$10,795,140	$2,892,701	$7,298,569	$12,121,067	2,476	1,778	$1,295,139	34,230	$10,683,038
2	Artificial feathers and flowers	4	6,562	500	350	362	5,350	7	4	1,800	52	12,901
3	Awnings, tents, and sails	3	12,376	500	40	4,711	7,125	2	3	1,680	25	6,471
4	Bicycle and tricycle repairing	54	69,794	6,350	7,650	16,100	39,694	60	2	1,110	52	17,756
5	Blacksmithing and wheelwrighting	95	57,992	8,606	7,758	19,673	21,955	104	------	------	77	27,831
6	Boots and shoes, custom work and repairing.	43	16,183	1,200	300	4,808	10,375	43	------	------	21	8,463
7	Boxes, cigar	3	40,685	3,000	5,000	8,000	24,685	2	8	4,534	123	37,680
8	Boxes, wooden packing	3	51,034	4,600	8,694	15,964	21,776	2	3	2,000	45	10,320
9	Bread and other bakery products	39	101,869	18,900	25,150	24,065	33,754	43	6	1,950	153	48,893
10	Brick and tile	17	195,885	62,250	46,400	44,575	42,660	19	11	9,550	258	66,449
11	Carpentering	38	152,815	9,495	10,875	18,600	113,845	47	8	4,680	317	148,740
12	Carriages and wagons	47	142,522	24,075	29,040	22,545	66,862	57	3	2,100	143	59,884
13	Cars and general shop construction and repairs by steam railroad companies.	13	414,390	35,880	79,025	127,099	172,386	------	33	26,663	958	486,488
14	Clothing, men's, custom work and repairing.	49	89,596	3,825	7,250	13,870	64,651	59	------	------	104	39,730
15	Clothing, women's, dressmaking	15	12,064	1,600	2,900	1,669	5,895	15	------	------	40	9,247
16	Confectionery	8	16,100	------	------	5,950	10,150	10	3	2,100	19	7,418
17	Cooperage	12	71,715	2,110	3,100	3,590	62,915	11	4	3,550	57	20,692
18	Cotton, ginning[1]	82	141,600	6,676	28,760	100,805	5,359	98	8	1,512	170	38,730
19	Dyeing and cleaning	4	1,723	25	175	1,060	463	6	------	------	6	2,115
20	Electrical construction and repairs	3	20,550	------	------	2,150	18,400	3	3	2,500	10	6,702
21	Fertilizers	7	733,369	92,164	135,185	109,748	396,272	4	29	26,731	117	39,961

[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.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
32,188	$10,181,990	1,668	$455,906	374	$45,142	$2,363,626	$121,632	$184,504	$1,967,475	$90,015	$15,637,520	$15,414,220	$223,300	$36,810,243	1
1,170	321,666	1	115	7	1,290	20,310	1,245	4,259	14,806	----------	471,673	457,892	13,781	1,070,001	2
376	78,063	----------	----------	----------	----------	5,649	----------	2,229	2,920	500	104,241	103,731	510	269,205	3
524	119,661	5	745	3	630	5,501	173	1,727	3,601	----------	126,155	123,256	2,899	386,243	4
96	23,858	4	844	----------	----------	3,989	333	351	3,305	----------	45,268	39,897	5,371	105,078	5
597	115,513	----------	----------	----------	----------	60,846	15	2,321	3,510	55,000	42,718	40,918	1,800	290,210	6
544	131,912	13	2,678	28	2,950	3,352	72	2,071	1,209	----------	99,503	99,076	427	331,243	7
410	86,386	2	307	1	75	8,317	591	1,619	6,107	----------	131,720	131,440	280	359,365	8
910	206,445	6	1,255	7	593	44,657	1,835	5,443	36,279	1,100	348,779	346,202	2,577	819,990	9
68	32,577	2	398	1	70	7,600	2,634	159	2,607	2,200	54,839	50,921	3,918	136,443	10
199	60,975	1	200	----------	----------	3,960	219	1,552	2,189	----------	72,456	70,520	1,936	197,022	11
2,163	784,580	97	23,854	32	4,300	215,662	41,589	17,742	155,850	481	1,218,590	1,178,154	40,436	2,849,616	12
1,307	512,617	26	7,358	40	6,211	131,941	8,549	21,630	101,138	624	1,335,581	1,318,312	17,269	2,472,557	13
503	161,544	18	4,300	34	4,466	62,754	1,795	10,906	49,253	800	511,103	509,685	1,418	925,711	14
381	78,411	43	6,900	3	258	8,809	646	1,046	7,102	15	71,049	61,797	9,252	230,473	15
834	208,992	----------	----------	14	2,210	35,008	301	3,400	28,307	3,000	466,415	463,380	3,035	948,069	16
555	136,904	----------	----------	23	2,246	12,646	90	2,577	9,683	296	94,516	94,123	393	363,886	17
4,831	2,278,794	798	254,215	7	875	785,532	24,274	25,021	735,737	500	4,315,096	4,271,245	43,851	9,471,044	18
549	115,393	----------	----------	22	1,649	2,714	104	1,252	1,294	64	82,974	81,319	1,655	274,860	19
849	175,481	1	300	4	640	10,029	527	2,111	6,666	725	197,210	194,812	2,398	494,008	20
209	40,812	6	1,189	5	409	3,276	453	518	1,255	1,050	54,611	53,201	1,410	137,881	21
454	80,150	----------	----------	----------	----------	1,312	----------	712	600	----------	25,557	24,822	735	154,141	22
551	136,178	1	260	9	1,192	6,277	1,532	1,896	2,849	----------	117,921	112,526	5,395	395,354	23
18	5,320	1	120	----------	----------	366	220	44	102	----------	13,458	13,410	48	28,300	24
855	191,991	105	21,400	6	813	28,236	1,422	2,980	23,834	----------	167,086	162,527	4,559	617,836	25
815	196,665	2	300	8	772	10,059	----------	2,566	5,543	1,950	262,371	259,004	3,367	593,267	26
216	41,910	----------	----------	4	240	876	----------	466	410	----------	8,578	8,398	175	66,626	27
367	83,796	----------	----------	3	185	8,169	60	1,991	2,618	3,500	63,263	59,377	3,886	222,358	28
34	9,600	----------	----------	----------	----------	969	289	121	559	----------	3,185	3,123	62	20,450	29
1,388	390,614	4	1,050	9	1,232	34,234	2,301	6,135	24,398	1,400	463,942	457,427	6,515	1,210,234	30
1,557	1,064,399	410	100,124	2	312	534,513	14,067	3,726	516,720	----------	1,395,242	1,393,153	2,089	3,404,407	31
720	270,926	58	11,000	17	2,639	11,732	1,202	6,646	3,884	----------	403,557	393,643	9,914	818,168	32
589	182,710	14	3,726	12	1,256	23,105	1,904	6,476	9,607	5,118	233,458	224,203	9,255	614,485	33
26	6,341	----------	----------	----------	----------	1,062	132	87	843	----------	9,516	9,437	79	25,524	34
863	177,479	----------	----------	1	180	14,564	782	3,945	9,937	500	166,245	164,693	1,552	548,814	35
444	93,934	10	933	2	825	11,324	742	2,387	7,195	1,000	101,219	100,502	717	280,290	36
895	249,641	6	1,131	19	1,628	66,769	4,534	5,150	56,835	250	544,888	541,568	3,320	1,180,419	37
934	265,507	21	8,359	1	260	48,188	3,436	5,652	38,925	175	257,280	249,727	7,553	704,720	38
668	205,899	7	700	----------	----------	42,010	522	10,155	31,333	----------	431,146	429,847	1,299	984,667	39
435	113,193	----------	----------	21	2,299	5,429	2	2,422	2,205	800	143,073	142,843	230	388,928	40
743	187,100	----------	----------	1	74	12,130	725	2,674	8,731	----------	264,517	263,007	1,510	589,063	41
35	16,600	----------	----------	----------	----------	1,050	50	332	165	503	8,833	8,549	284	50,100	42
502	111,832	4	1,599	13	784	14,639	1,751	2,302	10,586	----------	109,694	105,806	3,888	338,522	43
643	135,523	1	146	5	758	9,154	10	2,385	6,759	----------	88,712	88,017	695	302,403	44
585	147,613	1	400	3	241	17,710	84	1,829	7,333	8,464	274,836	273,979	857	600,654	45
687	151,985	----------	----------	7	1,080	27,197	420	4,031	22,686	----------	235,451	234,751	700	542,113	46

SPECIFIED INDUSTRIES: 1900.

32,188	$10,181,990	1,668	$455,906	374	$45,142	$2,363,626	$121,632	$184,504	$1,967,475	$90,015	$15,637,520	$15,414,220	$223,300	$36,810,243	1
32	9,800	16	2,645	4	456	1,378	320	16	1,042	----------	10,402	10,300	102	38,325	2
23	5,971	2	500	----------	----------	2,045	24	9	2,012	----------	18,403	18,403	----------	36,430	3
44	16,431	----------	----------	8	1,325	10,266	7,799	597	1,870	----------	51,794	51,132	662	118,517	4
73	27,501	----------	----------	4	330	6,134	4,312	435	1,387	----------	39,395	35,565	3,830	142,140	5
18	8,151	----------	----------	3	312	5,428	4,631	201	671	25	17,553	17,538	15	52,714	6
63	21,930	60	15,750	----------	----------	5,890	1,080	370	4,440	----------	52,680	51,762	918	134,700	7
36	9,925	----------	----------	9	395	1,645	----------	95	550	1,000	4,324	4,149	175	24,450	8
128	45,068	16	2,990	9	835	11,893	7,959	782	3,152	----------	149,470	144,080	5,390	303,600	9
246	64,850	----------	----------	12	1,599	5,854	2,675	702	2,477	----------	33,248	7,690	25,558	134,803	10
317	148,740	----------	----------	----------	----------	9,144	2,073	704	3,642	2,725	233,159	233,155	4	481,036	11
141	58,874	1	364	1	146	7,737	4,415	1,035	2,287	----------	97,683	95,152	2,531	216,277	12
955	485,768	3	720	----------	----------	19,224	----------	10,985	3,146	5,093	579,870	571,576	8,294	1,112,245	13
80	34,771	22	4,885	2	74	13,205	9,031	540	3,609	25	59,707	58,995	712	152,686	14
1	140	39	9,107	----------	----------	1,460	1,142	47	271	----------	3,442	3,351	91	23,630	15
17	7,064	2	354	----------	----------	2,781	2,013	88	680	----------	20,023	19,592	431	48,336	16
57	20,692	----------	----------	----------	----------	2,644	1,512	87	845	200	96,388	96,138	250	178,213	17
156	37,267	4	470	10	993	2,145	----------	1,318	827	----------	42,913	34,385	8,528	117,935	18
4	1,884	----------	----------	2	231	537	352	15	170	----------	587	431	156	6,620	19
9	6,650	----------	----------	1	52	1,382	1,180	90	112	----------	5,959	5,755	204	19,300	20
114	39,511	----------	----------	8	450	34,030	1,495	2,307	30,228	----------	330,649	324,040	6,609	500,239	21

TABLE 6.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES.	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	Flouring and grist mill products	95	$123,416	$17,203	$26,310	$47,655	$32,218	97	4	$3,500	46	$7,967
23	Foundry and machine shop products	20	281,643	51,725	43,000	85,858	101,060	26	22	19,346	214	100,584
24	Furniture, cabinetmaking, repairing, and upholstering.	10	9,170	700	1,500	3,585	3,385	10			16	7,543
25	Gas, illuminating and heating	11	1,155,689	67,386	61,615	877,490	149,198		28	16,228	47	24,108
26	Ice, manufactured	33	726,381	44,209	89,600	520,709	71,863	24	24	21,371	237	96,433
27	Lock and gun smithing	4	1,770			590	1,180	4			3	1,700
28	Lumber and timber products	416	14,937,693	6,717,592	916,107	3,582,600	3,721,394	537	365	303,936	7,081	2,197,875
29	Lumber, planing mill products, including sash, doors, and blinds.	20	415,349	27,805	58,184	144,877	184,483	20	28	25,595	481	186,675
30	Masonry, brick and stone	8	11,888	1,615	1,240	2,343	6,660	7	5	3,535	72	33,031
31	Mattresses and spring beds	8	12,977	2,250	3,550	2,255	4,922	11	1	600	19	6,569
32	Millinery, custom work	41	58,235	4,400	5,300	2,280	46,255	42	1	1,000	35	11,859
33	Mineral and soda waters	27	102,767	9,850	14,560	53,900	24,457	27	6	1,920	44	14,770
34	Monuments and tombstones	3	5,225	300	500	425	4,000	4			9	4,750
35	Oysters, canning and preserving	6	78,895	16,000	10,820	18,975	33,100	6	8	7,001	148	32,392
36	Painting, house, sign, etc	7	9,175	75	425	1,075	7,600	8			72	31,875
37	Photography	28	37,147	1,075	1,535	18,752	15,785	32			27	12,055
38	Plumbing, and gas and steam fitting	26	117,921	11,000	12,350	11,085	83,486	33	17	11,120	161	85,260
39	Printing and publishing, book and job	14	138,522	5,500	9,000	91,653	32,369	14	8	6,870	101	45,392
40	Printing and publishing, newspapers and periodicals.	86	400,221	11,110	28,250	252,538	108,323	99	55	49,096	305	134,366
41	Rice, cleaning and polishing	4	4,510	550	800	2,960	200	5			3	976
42	Saddlery and harness	13	14,617			3,425	11,192	15	2	500	16	7,682
43	Ship and boat building, wooden	15	149,159	3,550	9,600	45,992	85,017	15	3	3,150	141	73,509
44	Sugar and molasses, refining	8	1,001	58	166	777		8			4	1,102
45	Turpentine and rosin	366	5,526,618	3,206,099	488,376	562,172	1,269,971	552	748	306,351	15,073	3,049,200
46	Tinsmithing, coppersmithing, and sheet-iron working.	24	48,930	6,880	12,250	11,513	18,287	26	1	1,000	53	29,639
47	Tobacco, cigars and cigarettes	128	5,349,907	220,070	410,885	96,214	4,622,138	160	267	359,424	6,461	3,217,530
48	Upholstering materials	11	14,615	305	2,965	5,915	5,460	16	3	460	12	4,721
49	Watch, clock, and jewelry repairing	46	47,070	600	1,500	19,950	25,020	47			16	8,306
50	Wood, turned and carved	3	7,075	1,000	800	2,200	3,075	8			7	2,260
51	All other industries[1]	36	971,037	78,847	283,831	283,962	324,397	27	59	60,676	579	156,938

[1] Embraces brooms and brushes, 1; carriage and wagon materials, 1; coffee and spice, roasting and grinding, 1; dye stuffs and extracts, 2; food preparations, 2; fruits and vegetables, canning and preserving, 2; glue, 1; hand stamps, 1; jewelry, 2; kaolin and other earth grinding, 1; lime and cement, 1; liquors, malt, 1; liquors, vinous, 1; looking-glass and picture frames, 1; oil, cottonseed and cake, 1; oil, essential, 1; patent medicines and compounds, 2; paving and paving

TABLE 7.—MANUFACTURES IN JACKSONVILLE

1	All industries	195	$2,068,663	$456,570	$100,750	$700,817	$750,526	208	119	$106,241	1,602	$645,921
2	Bicycle and tricycle repairing	16	15,545			6,635	8,910	19			20	7,467
3	Blacksmithing and wheelwrighting	16	7,080	900	750	1,860	3,570	18			21	7,546
4	Boots and shoes, custom work and repairing.	15	3,573			1,773	1,800	15			13	6,432
5	Bread and other bakery products	3	25,205	8,400	7,050	8,200	1,555	9	1	600	51	14,815
6	Carpentering	5	5,525	700	75	2,050	2,700	5			57	21,898
7	Carriages and wagons	3	24,100	3,500	3,700	1,400	15,500	3	1	500	35	15,942
8	Clothing, men's, custom work and repairing.	15	39,135			10,000	29,135	17			59	23,100
9	Electrical construction and repairs	3	20,550			2,150	18,400	3	3	2,500	10	6,702
10	Foundry and machine shop products	3	70,663	26,500	12,000	15,622	16,541	4	7	5,776	37	21,738
11	Furniture, cabinetmaking, repairing, and upholstering.	3	2,360			1,300	1,060	3			3	2,000
12	Ice, manufactured	5	159,600	9,000	14,700	110,000	25,900	3	7	6,720	56	27,000
13	Lumber and timber products	6	699,767	314,481	42,300	140,548	202,435	4	15	15,654	452	193,275
14	Millinery, custom work	3	6,135			185	5,950	3			9	2,690
15	Mineral and soda waters	3	9,400	500	1,500	5,700	1,700	3	4	600	8	2,070
16	Photography	5	9,850			4,800	5,050	5			10	3,773
17	Plumbing, and gas and steam fitting	9	64,276	6,000	10,500	3,600	44,176	12	3	1,950	63	31,240
18	Printing and publishing, book and job	9	96,392			71,903	24,489	8	6	5,050	86	36,062
19	Printing and publishing, newspapers and periodicals.	6	90,990			57,100	33,890	5	30	30,348	69	41,558
20	Saddlery and harness	3	9,600			1,375	8,225	4	1	300	10	5,022
21	Ship and boat building, wooden	3	4,625			3,150	1,475	3			12	3,564
22	Tinsmithing, coppersmithing, and sheet-iron working.	4	2,430			910	1,520	5			3	1,080
23	Tobacco, cigars and cigarettes	9	19,550	5,000	2,000	1,215	11,335	10	2	1,020	34	11,765
24	Watch, clock, and jewelry repairing	13	4,985			2,725	2,260	15			7	1,975
25	All other industries[1]	80	677,327	81,586	66,175	246,616	282,950	82	39	35,223	477	156,977

[1] Embraces boxes, cigar, 1; brick and tile, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, women's, dressmaking, 2; confectionery, 2; cooperage, 1; dyeing and cleaning, 2; fertilizers, 2; gas, illuminating and heating, 2; hand stamps, 1; jewelry, 1; lock and gun smithing, 2;

TABLE 8.—MANUFACTURES IN CITIES

1	Total for cities	221	$5,774,841	$248,588	$555,905	$493,645	$4,481,703	271	248	$325,484	6,078	$3,173,912
2	Key West	92	1,839,194	38,850	46,800	37,831	1,720,713	110	61	85,319	1,969	1,164,835
3	Tampa	129	3,935,647	209,738	509,105	455,814	2,760,990	161	187	240,165	4,109	2,009,077

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
45	$7,927			1	$40	$2,160	$180	$1,303	$677		$242,378	$239,995	$2,383	$302,737	22
212	100,054			2	530	14,426	2,014	2,414	9,998		87,564	80,478	7,086	320,507	23
16	7,543					1,177	722	104	351		18,692	18,692		34,275	24
47	24,108					54,445	136	6,547	47,762		41,324	37,329	3,995	170,297	25
235	96,165			2	268	21,200	937	5,349	14,614	$300	129,289	50,361	78,928	427,762	26
3	1,700					986	691	40	255		1,350	1,330	20	6,400	27
6,936	2,175,940	38	$6,999	107	14,936	486,706	3,803	76,983	405,920		5,725,887	5,724,799	1,088	10,848,403	28
479	186,435			2	240	29,048	1,155	2,163	25,730		495,492	494,912	580	777,782	29
71	32,887			1	144	981	224	192	540	25	60,976	60,376	600	117,954	30
12	5,744	5	675	2	150	628	417	72	139		10,263	10,163	100	25,318	31
3	1,513	32	10,346			7,783	5,440	469	1,874		77,065	76,988	77	124,106	32
43	14,620			1	150	3,334	1,423	793	1,118		34,678	33,515	1,163	94,371	33
9	4,750					3,094	445	34	2,615		7,482	7,482		23,625	34
44	12,957	80	16,300	24	3,135	5,881	705	201	4,175	800	48,029	45,079	2,950	100,543	35
71	31,800			1	75	2,274	1,567	112	595		34,945	34,945		81,250	36
10	6,850	13	4,779	4	426	7,632	4,891	278	1,263	600	20,401	20,316	85	62,468	37
156	84,216			5	1,044	7,459	3,946	976	2,537		240,358	239,409	949	401,537	38
79	41,580	17	2,924	5	888	7,524	2,820	282	4,422		34,690	32,144	2,546	123,042	39
256	126,043	16	5,084	33	3,239	31,775	11,018	2,053	17,638	1,166	120,627	116,155	4,472	480,368	40
8	976					109	36	36	37		10,855	10,620	235	13,995	41
16	7,682					2,676	1,844	141	691		11,423	11,393	30	29,447	42
141	73,509					7,185	1,195	439	5,551		111,111	110,696	415	254,991	43
4	1,102					2		2			6,326	5,955	371	8,335	44
4,947	3,034,259	28	3,977	98	10,964	201,756	2,593	38,946	82,911	77,306	1,222,932	1,200,410	22,522	6,469,605	45
52	29,490			1	149	3,501	2,158	382	961		42,789	42,372	417	108,019	46
5,222	2,858,929	1,233	358,245	6	356	1,264,216	12,987	17,941	1,232,538	750	4,800,212	4,799,747	465	10,891,286	47
11	4,475			1	246	451	221	67	163		15,415	14,875	540	28,728	48
15	7,930	1	376			8,042	4,811	354	2,877		19,666	19,663	3	63,760	49
7	2,260					60		30	30		10,561	10,378	183	17,550	50
529	147,558	40	8,416	10	964	42,893	1,340	5,378	36,175		197,091	170,454	26,637	559,586	51

aterials, 2; pickles, preserves, and sauces, 1; pottery, terra cotta, and fire-clay products, 1; pulp goods, 1; pulp, from fiber other tnan wood, 2; sewing machine epairing, 2; shipbuilding, iron and steel, 1; starch, 2; taxidermy, 1; tobacco, stemming and rehandling, 1.

BY SPECIFIED INDUSTRIES: 1900.

1,473	$617,767	97	$23,854	32	$4,300	$153,295	$39,089	$12,853	$100,872	$481	$1,007,924	$970,543	$37,381	$2,312,209	1
17	6,905			3	562	4,311	3,314	267	730		10,180	10,055	125	34,650	2
17	7,216			4	330	2,236	1,656	107	473		8,302	6,808	1,494	40,600	3
10	5,120			3	312	2,480	2,056	55	369		6,478	6,478		21,859	4
43	13,320	5	1,200	3	325	1,870	940	55	875		39,180	38,228	952	72,744	5
57	21,898					1,021	216	75	730		21,525	21,525		64,139	6
34	15,578	1	364			2,330	2,100	50	180		14,064	13,814	250	48,050	7
50	20,876	8	2,174	1	50	7,526	4,773	235	2,518		25,112	24,967	145	64,898	8
9	6,650			1	52	1,382	1,180	90	112		5,959	5,755	204	19,300	9
37	21,738					4,768	150	891	3,727		17,627	16,489	1,138	62,400	10
3	2,000					496	290	30	176		1,660	1,660		6,050	11
56	27,000					3,720	900	1,415	1,405		26,903	10,768	16,135	87,647	12
452	193,275					49,753		3,702	46,051		346,835	346,835		650,440	13
1	864	8	1,826			1,303	1,060	163	80		11,100	11,100		19,480	14
7	1,920			1	150	608	432	70	106		4,190	3,842	348	12,200	15
4	2,350	3	1,069	3	354	1,847	1,560	75	212		4,588	4,568	20	17,800	16
60	30,596			3	644	3,126	1,970	489	667		52,237	51,759	478	106,546	17
66	33,420	16	2,804	4	738	5,613	1,690	180	3,743		25,850	23,701	2,149	95,342	18
63	38,888	4	2,340	2	330	13,576	3,386	649	9,060	481	47,126	45,591	1,535	155,901	19
10	5,022					1,675	970	80	625		5,646	5,646		17,350	20
12	3,864					712	510	32	170		2,582	2,582		11,154	21
3	1,080					474	384	23	67		3,670	3,635	35	8,500	22
26	10,712	7	981	1	72	5,019	1,094	134	3,791		8,592	8,592		36,120	23
7	1,975					2,193	1,978	97	118		1,300	1,300		14,780	24
429	145,500	45	11,096	3	381	85,256	6,480	3,889	24,887		317,218	304,845	12,373	644,259	25

umber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 2; monuments and tombstones, 1; oil, essential, 1; painting, house, ign, etc., 2; patent medicines and compounds, 1; paving and paving materials, 1; pulp, from fiber other than wood, 1; shipbuilding, iron and steel, 1.

UNDER 20,000 IN POPULATION: 1900.

5,094	$2,879,825	979	$293,450	5	$637	$1,125,791	$36,556	$24,463	$1,064,772		$4,937,355	$4,895,277	$42,078	$10,885,348	1
1,557	1,064,399	410	100,124	2	312	534,388	13,947	3,721	516,720		1,395,972	1,392,998	2,974	3,403,607	2
3,537	1,815,426	569	193,326	3	325	591,403	22,609	20,742	548,052		3,542,283	3,502,279	40,004	7,481,741	3

GEORGIA.

Table 1 shows the manufacturing and mechanical industries of the state of Georgia 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	7,504	4,285	3,593	3,836	1,890	1,522	75.1	19.3	[1] 6.3	103.0	24.2
Capital	$89,789,656	$56,921,580	$20,672,410	$13,930,125	$10,890,875	$5,456,483	57.7	175.4	48.4	27.9	99.6
Salaried officials, clerks, etc., number	4,203	[2] 4,085	([3])	([3])	([3])	([3])	2.9	------	------	------	------
Salaries	$3,354,946	[2] $2,688,200	([3])	([3])	([3])	([3])	24.8	------	------	------	------
Wage-earners, average number	83,842	52,298	24,875	17,871	11,575	8,368	60.3	110.2	39.2	54.4	38.3
Total wages	$20,290,071	$14,623,996	$5,266,152	$4,811,508	$2,925,148	$1,709,664	38.7	177.7	8.7	65.6	71.1
Men, 16 years and over	66,540	42,779	18,937	15,078	9,492	6,650	55.5	125.9	25.6	58.8	42.7
Wages	$17,582,519	$12,976,291	([3])	([3])	([3])	([3])	35.5	------	------	------	------
Women, 16 years and over	10,929	5,998	3,619	1,498	2,083	1,718	82.2	65.7	141.6	[1] 28.1	21.2
Wages	$2,015,852	$1,298,806	([3])	([3])	([3])	([3])	55.2	------	------	------	------
Children, under 16 years	6,373	3,521	2,319	1,295	([3])	([3])	81.0	51.8	79.1	------	------
Wages	$691,700	$348,899	([3])	([3])	([3])	([3])	98.3	------	------	------	------
Miscellaneous expenses	$5,321,330	$4,019,539	([4])	([4])	([4])	([4])	32.4	------	------	------	------
Cost of materials used	$58,232,202	$35,774,480	$24,143,939	$18,583,731	$9,986,532	$3,404,917	62.8	48.2	29.9	86.1	193.3
Value of products, including custom work and repairing	$106,054,527	$68,917,020	$36,440,948	$31,196,115	$16,925,564	$7,082,075	54.8	89.1	16.8	84.3	139.0
Total population	2,216,331	1,837,353	1,542,180	1,184,109	1,057,286	906,185	20.6	19.1	30.2	12.0	16.7
Wage-earners engaged in manufactures	83,842	52,298	24,875	17,871	11,575	8,368	60.3	110.2	39.2	54.4	38.3
Per cent of total population	3.8	2.8	1.6	1.5	1.1	0.9	------	------	------	------	------
Assessed value of real estate	[5] $484,336,134	$225,054,915	$139,983,941	$148,948,216	$179,801,441	$121,619,789	93.0	60.8	[1] 2.8	[1] 19.9	47.8
Value of land and buildings invested in manufactures [6]	$24,283,038	$17,106,773	([3])	([3])	([3])	([3])	41.9	------	------	------	------
Per cent of assessed value	5.6	7.6	------	------	------	------	------	------	------	------	------

[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 in the Report of the Comptroller-General of the State of Georgia for 1900, page 4.
[6] Does not include value of rented property.

Although Georgia is an agricultural state, Table 1 shows that there has been a steady growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 906,185 to 2,216,331, or 144.6 per cent, but the average number of wage-earners employed in manufacturing establishments increased from 8,368 to 83,842, or 901.9 per cent, embracing, in 1900, 3.8 per cent of the entire population, compared with nine-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 111,239, or 5 per cent of the total population of the state.

A distinct advance in manufactures has marked each decennial period—even that between the years 1860 and 1870—of the state's history. A great impetus was given to manufacturing by the cotton exposition held at Atlanta in 1881. It was the first exhibition of the kind in the Southern states, and the first in the country after the Centennial Exposition at Philadelphia, by which it seems to have been suggested. The increasing interest in manual training and technical education since 1887 has also contributed to the growth of Georgia's manufactures. The Georgia Institute of Technology was opened to students in 1887. Its graduates are actively engaged in manufacturing of various kinds with marked success. It is noteworthy that the increase in value of products was greatest—$37,737,507—during the decade ending with the census year 1900.

Table 1 shows that during the last decade the increase in percentage of women, and of children under 16 years of age, among wage-earners, was larger than that of men. In the absence of legislation regulating child labor, all the cotton manufacturers in the state have signed an agreement to exclude from the mills children under 10 years of age, and those under 12 who can not show a certificate of 4 months' attendance at school.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for 1 governmental establishment, 1 eleemosynary institution, 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. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	13,176	$92,315,737	15,147	91,547	$20,464,456	$5,382,817	$58,539,684	$26,702,668	$28,741,907	$3,095,109	$107,867,052
Hand trades[1]	1,681	1,713,164	1,838	3,822	1,317,016	243,530	2,778,299	2,950	2,703,392	71,957	5,822,990
Governmental establishment	1	125		1	540		29		24	5	569
Eleemosynary institution	1	1,200		1	150		2,415	2,400	15		2,800
Establishments with a product of less than $500	5,670	2,524,756	6,819	7,703	178,695	61,487	305,038	63,086	241,952		1,209,156
All other establishments	5,873	88,076,492	6,990	80,020	18,973,055	5,077,791	55,453,903	26,634,232	25,796,524	3,023,147	100,831,537

[1] Includes bicycle and tricycle repairing, 58; blacksmithing and wheelwrighting, 621; boots and shoes, custom work and repairing, 169; carpentering, 87; clothing, men's, custom work and repairing, 73; clothing, women's, dressmaking, 89; dyeing and cleaning, 24; furniture, cabinetmaking, repairing, and upholstering, 42; lock and gun smithing, 19; masonry, brick and stone, 30; millinery, custom work, 181; painting, house, sign, etc., 47; paper hanging, 5; plumbing, and gas and steam fitting, 56; sewing machine repairing, 4; typewriter repairing, 3; watch, clock, and jewelry repairing, 123.

Of the 13,176 establishments of all classes, shown in this table, 7,301, or 55.4 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 $7,032,146, or only 6.5 per cent of the total products of the state.

In addition to the 13,176 active establishments in the state during the census year, with a capital of $92,315,737, shown in Table 2, there were 103 idle establishments, with a capital of $1,117,076, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	7	$5,907	Iron and steel	3	$599,300
Chemicals	1	150,000	Kaolin and other earth grinding	1	20,000
Cotton, ginning	40	26,782	Lumber and timber products	28	81,599
Fertilizers	1	32,500	Lumber, planing mill products, including sash, doors, and blinds	1	25,000
Flouring and grist mill products	7	7,965	Paving and paving materials	2	10,176
Foundry and machine shop products	1	44,000	Roofing and roofing materials	1	51,500
Fruits and vegetables, canning and preserving	1	9,100	All other industries	7	12,337
Hosiery and knit goods	1	25,000			
Ice, manufactured	1	4,000			

TABLE 3.—COMPARATIVE SUMMARY OF NINE LEADING INDUSTRIES.

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.
Total for selected industries for state	1900	3,301	$61,341,596	61,170	$14,059,303	$2,731,378	$41,893,194	$72,715,623
	1890	1,673	38,425,148	34,494	8,561,345	1,992,578	24,060,378	41,763,950
Increase, 1890 to 1900		1,628	22,916,458	26,676	5,497,958	738,800	17,832,816	30,951,743
Per cent of increase		97.3	59.6	77.3	64.2	37.1	74.1	74.1
Per cent of total of all industries in state	1900	44.0	68.3	73.0	69.3	51.3	71.9	68.2
	1890	39.0	67.5	66.0	58.5	49.6	67.3	60.6
Cars and general shop construction and repairs by steam railroad companies.	1900	32	1,408,592	3,175	1,602,208	39,380	1,272,692	3,062,283
	1890	11	450,512	966	522,657		349,844	892,610
Fertilizers	1900	41	6,063,618	1,126	294,887	405,936	2,349,635	3,367,353
	1890	44	5,501,881	1,204	326,011	468,599	3,098,883	5,026,034
Flouring and grist mill products	1900	1,123	2,504,033	1,167	225,933	73,455	7,004,065	8,330,439
	1890	719	2,347,835	1,078	197,964	103,985	4,856,700	5,190,311
Foundry and machine shop products	1900	87	3,398,141	2,384	920,331	173,903	1,590,884	3,506,427
	1890	52	2,107,969	1,632	732,301	124,362	753,299	2,272,653
Lumber and timber products	1900	1,254	11,802,716	10,240	2,344,523	249,636	6,665,897	13,704,923
	1890	449	5,019,635	5,948	1,533,217	228,279	3,304,249	6,545,195
Lumber, planing mill products, including sash, doors, and blinds	1900	99	2,074,226	2,171	672,243	102,159	2,280,495	4,302,976
	1890	82	1,677,880	2,157	851,290	126,193	1,907,370	3,548,972
Oil, cottonseed and cake	1900	48	4,098,668	1,591	354,017	312,986	6,229,436	8,064,112
	1890	17	992,131	751	145,557	86,848	1,289,421	1,670,196
Turpentine and rosin	1900	524	3,785,432	19,199	3,772,848	178,774	2,292,665	8,110,46[illegible]
	1890	228	2,242,592	9,889	1,998,186	108,003	1,001,686	4,242,255

TABLE 3.—COMPARATIVE SUMMARY OF NINE 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.
Textiles:								
Total	1900	98	$25,606,170	20,117	$3,872,313	$1,145,149	$12,207,425	$20,266,712
	1890	71	18,084,708	10,814	2,254,162	746,314	7,998,926	12,875,724
Cotton goods (including cotton small wares)	1900	68	24,222,169	18,348	3,574,492	1,056,088	11,169,700	18,544,910
	1890	53	17,664,675	10,314	2,167,036	724,822	7,832,230	12,035,629
Hosiery and knit goods	1900	16	928,887	1,208	200,662	72,631	757,430	1,230,801
	1890	4	121,494	388	64,092	10,605	70,697	166,850
Woolen goods	1900	14	455,114	561	97,159	22,430	280,295	491,001
	1890	14	298,539	162	23,034	10,887	95,999	173,245

The 9 leading industries of the state in 1900, as shown in Table 3, embraced 3,301 establishments, or 44 per cent of the total number in the state; used a capital of $61,341,596, or 68.3 per cent of the total; gave employment to 61,170 wage-earners, or 73 per cent of the total number; and paid $14,059,303, or 69.3 per cent of the total wages. The value of their products was $72,715,693, or 68.2 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 cotton goods is the most important industry in the state. The 68 establishments reported in 1900 gave employment to 18,348 wage-earners, or 21.9 per cent of the wage-earners employed in the state, and their products were valued at $18,544,910, or 17.4 per cent of the total value of the products of the state. In 1890 there were 53 establishments reported, with 10,314 wage-earners, and products valued at $12,035,629. The increase in the value of products during the decade was $6,509,281, or 54.1 per cent.

The growth of the cotton manufactures in Georgia has attracted the attention of the whole country. Stimulated in the first instance by abundant raw material, it has also in some instances been encouraged by municipal exemption from taxation, while railroad companies, chambers of commerce, and other agencies have done much to attract capital to the industry from a distance. Cotton manufacturers of Massachusetts, New York, and Pennsylvania are now represented in the state by large mills recently constructed in Floyd and Polk counties, within a radius of 10 miles. Home capital also has been attracted by the profits of the industry, and by the salutary effect of the distribution of wages through the channels of trade. Cotton factories have benefited the farmers by providing a strong local market for cotton and a better demand for farm products, and, therefore, farmers are joining the business men as subscribers for the capital stock of the new corporations.

Another industry dependent upon the large cotton crop of the region is the manufacture of cottonseed oil and cake. There were 43 establishments engaged in this industry in 1900, with 1,591 wage-earners, and products valued at $8,064,112. In 1890 there were 17 establishments reported, with 751 wage-earners, and products valued at $1,670,196. The increase in the value of products during the decade was $6,393,916, or 382.8 per cent. The products of these mills include cottonseed meal, as well as oil and cake. Much of this meal is sold for the manufacture of fertilizers and used for this purpose by the mills themselves. A comparison of the products of these mills with the products of the cotton factories of the state indicates that the seed of the cotton plant contributes to the total value of products nearly one-half as much as the fiber.

Next in importance to cotton manufacturing is the manufacture of lumber and timber products. There were 1,254 establishments engaged in this industry in 1900, with 10,240 wage-earners, and products valued at $13,704,923. In 1890 there were 449 establishments reported, with 5,943 wage-earners, and products valued at $6,545,195. The increase in the value of products during the decade was $7,159,728, or 109.4 per cent. Long-leaf pine forests cover a considerable portion of the land surface in 80 counties, and lumber made from these trees finds a market in most of the states east of the Mississippi River, as well as in South America, the West Indies, and various parts of Europe.

Dependent also upon the forests of the state is the manufacture of turpentine and rosin. There were 524 establishments engaged in this industry in 1900, with 19,199 wage-earners, and products valued at $8,110,468. In 1890 there were 228 establishments reported, with 9,889 wage-earners, and products valued at $4,242,255. The increase in the value of products during the decade was $3,868,213, or 91.2 per cent. The value of the manufactured products of the forests of Georgia in 1900, including lumber and timber products and turpentine and rosin, was $21,815,391. This exceeds the value of cotton goods, but is less than the value of all the manufactured products of the cotton plant, including cottonseed oil and cake, which was $26,609,022. Thus the forests rank next to the cotton plant in their supply of raw material for the manufacturing industries of the state. By a system of forestry it is believed that the pine regions might be made to yield indefinitely. Wherever the sawmill has been in operation a few years the land is practically denuded of timber. The destruction is made more complete by the operations of turpentine farmers, who box and drain the sap of young trees which

would not be worth hauling to a sawmill, and by disastrous forest fires. Under these conditions, industries dependent upon the forests seem doomed to early extinction.

There were 1,123 establishments engaged in flour and grist milling in 1900, with 1,167 wage-earners, and products valued at $8,330,439. In 1890 there were 719 establishments reported, with 1,078 wage-earners, and products valued at $5,190,311. The increase in the value of products during the decade was $3,140,128, or 60.5 per cent. For some years the flouring and grist mills in Georgia felt very strongly the competition of large western establishments, but the wheat crop of the state is increasing, and within the past decade several costly plants have been erected.

There were 99 establishments engaged in the planing-mill industry in 1900, with 2,171 wage-earners, and products valued at $4,302,976. In 1890 there were 82 establishments reported, with 2,157 wage-earners, and products valued at $3,548,072. The increase in the value of products during the decade was $754,004, or 21.2 per cent.

There were 87 establishments engaged in the foundry and machine shop industry in 1900, with 2,384 wage-earners, and products valued at $3,506,427. In 1890 there were 52 establishments reported, with 1,632 wage-earners, and products valued at $2,272,653. The increase in the value of products during the decade was $1,233,774, or 54.3 per cent.

There were 41 establishments engaged in the manufacture of fertilizers in 1900, with 1,126 wage-earners, and products valued at $3,367,353. In 1890 there were 44 establishments reported, with 1,264 wage-earners, and products valued at $5,026,034. The decrease in the value of products during the decade, $1,658,681, or 33 per cent, is due to the lower price of commercial fertilizers in 1900, and to the fact that farmers bought fertilizing materials and mixed them at home.

There were 32 establishments engaged in the construction and repair shop work of steam railroads in 1900, with 3,175 wage-earners, and products valued at $3,062,283. In 1890 there were 11 establishments reported, with 966 wage-earners, and products valued at $892,610. The increase in the value of products during the decade was $2,169,673, or 243.1 per cent. This increase reflects the improvement of the railroads, for in 1894 three-fourths of the mileage of the state was in the hands of receivers.

There were 16 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 1,208 wage-earners, and products valued at $1,230,801. In 1890 there were 4 establishments reported, with 338 wage-earners, and products valued at $166,850. The increase in the value of products during the decade was $1,063,951, or 637.7 per cent.

There were 14 establishments engaged in the manufacture of woolen goods in 1900, with 561 wage-earners, and products valued at $491,001. In 1890 there were 14 establishments reported, with 162 wage-earners, and products valued at $173,245. The increase in value of products during the decade was $317,756, or 183.4 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Atlanta, Augusta, Macon, and Savannah as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, ATLANTA, AUGUSTA, MACON, AND SAVANNAH, 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	7,504	$89,789,656	83,842	$20,290,071	$5,321,330	$58,232,202	$106,654,527
	1890	4,285	56,921,580	52,298	14,623,996	4,019,539	35,774,480	68,917,020
Per cent of increase		75.1	57.7	60.3	38.7	32.4	62.8	54.8
Atlanta	1900	390	16,045,156	9,356	3,103,989	1,352,444	8,563,524	16,707,027
	1890	410	9,508,962	7,957	3,206,285	987,623	5,914,571	13,074,037
Per cent of increase		[1]4.9	68.7	17.6	[1]3.2	36.9	44.8	27.8
Augusta	1900	383	8,990,989	7,092	1,806,654	617,178	6,234,176	10,041,[illegible]
	1890	440	7,770,688	5,714	1,689,941	526,539	5,430,871	9,244,[illegible]
Per cent of increase		[1]13.0	15.7	24.1	6.9	17.2	14.8	8.6
Macon	1900	182	5,076,005	3,700	1,047,437	445,078	3,741,167	6,425,[illegible]
	1890	203	3,988,900	3,157	1,057,041	219,988	2,664,498	5,171,[illegible]
Per cent of increase		[1]10.8	27.3	17.2	[1]0.9	102.3	40.4	25.6
Savannah	1900	155	5,716,491	2,870	1,176,150	469,918	3,915,884	6,461,[illegible]
	1890	244	5,379,774	2,419	1,059,348	484,497	3,297,804	6,319,[illegible]
Per cent of increase		[1]36.5	6.3	18.6	11.0	[1]3.0	18.7	2.3
Total for 4 cities	1900	1,110	35,828,641	23,018	7,134,230	2,884,618	22,454,751	39,706,[illegible]
	1890	1,297	26,648,324	19,247	7,012,615	2,218,647	17,307,744	33,809,[illegible]
Per cent of increase		[1]14.4	34.4	19.6	1.7	30.0	29.7	17.4
Per cent of 4 cities to total for state	1900	14.8	39.9	27.5	35.2	54.2	38.6	37.2
	1890	30.3	46.8	36.8	48.0	55.2	48.4	49.1

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the manufactures of these cities. The average number of wage-earners increased from 19,247 to 23,018, or 19.6 per cent, and the value of products from $33,809,483 to $39,706,510, or 17.4 per cent, while the number of establishments decreased from 1,297 to 1,110, or 14.4 per cent. The increase in the number of wage-earners and in the value of products has been much smaller in these 4 cities than in the state as a whole. Atlanta, the leading manufacturing city of the state, shows the most rapid growth, the value of products having increased from $13,074,037 in 1890 to $16,707,027 in 1900, or 27.8 per cent. The average number of wage-earners increased from 7,957 to 9,356, or 17.6 per cent, but the number of establishments decreased from 410 to 390, or 4.9 per cent. The number of establishments, number of wage-earners, and value of products for this city constituted 5.2, 11.2, and 15.7 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 17 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	7,504	$89,789,656	8,828	83,842	$20,290,071	$5,321,330	$58,232,202	$106,654,527	-------	100.0	2,216,331	-------	100.0
Total for urban manufactures	1,716	49,989,155	1,782	35,475	10,238,946	3,717,695	32,154,392	56,592,855	-------	53.1	292,833	-------	13.2
Americus	47	393,736	48	544	202,533	27,356	313,395	664,706	16	0.6	7,674	8	0.3
Athens	69	801,744	71	844	175,183	42,030	553,201	950,234	11	0.9	10,245	6	0.5
Atlanta	390	16,045,156	386	9,356	3,103,989	1,352,444	8,563,524	16,707,027	1	15.7	89,872	1	4.1
Augusta	383	8,990,989	374	7,092	1,806,654	617,178	6,234,176	10,041,990	2	9.4	39,441	3	1.8
Barnesville	16	528,408	15	572	117,703	23,162	596,399	1,024,949	10	1.0	3,036	17	0.1
Brunswick	73	423,826	76	550	247,516	39,144	551,817	1,171,378	8	1.1	9,081	7	0.4
Cartersville	26	93,908	28	75	15,827	5,266	54,151	115,941	17	0.1	3,135	16	0.1
Columbus	134	5,687,392	150	4,810	1,200,360	409,280	3,530,786	6,031,699	5	5.7	17,614	5	0.8
Dalton	28	784,234	38	752	127,750	28,289	981,967	1,365,159	7	1.3	4,315	13	0.2
Gainesville	37	282,712	48	500	126,097	17,991	448,693	687,129	14	0.6	4,382	12	0.2
Griffin	29	1,407,562	28	1,021	229,790	44,981	561,874	1,079,133	9	1.0	6,857	10	0.3
La Grange	24	956,899	22	709	131,684	38,405	459,966	783,867	12	0.7	4,274	14	0.2
Macon	182	5,076,005	178	3,700	1,047,437	445,078	3,741,167	6,495,767	3	6.1	23,272	4	1.1
Marietta	32	697,254	33	680	179,457	37,974	385,439	762,688	13	0.7	4,446	11	0.2
Newnan	27	824,721	27	456	102,567	43,451	403,963	679,189	15	0.6	3,654	15	0.2
Rome	64	1,328,118	58	944	248,249	75,798	857,990	1,570,273	6	1.5	7,291	9	0.3
Savannah	155	5,716,491	157	2,870	1,176,150	469,918	3,915,884	6,461,816	4	6.1	54,244	2	2.4
Total for state exclusive of urban manufactures	5,788	39,800,501	7,096	48,367	10,051,125	1,603,635	26,077,810	50,061,672	-------	46.9	1,923,498	-------	86.8
Per cent of urban manufactures to total for state	22.9	55.7	19.6	42.3	50.5	69.9	55.2	53.1	-------	-------	13.2	-------	-------

Of the 7,504 establishments in the state, 1,716, or 22.9 per cent, were located in these 17 cities and towns. They furnished employment to 35,475 wage-earners, or 42.3 per cent of the total number; and the value of their products, $56,592,855, formed 53.1 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 Atlanta, Augusta, Macon, and Savannah 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. 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	The State	7,504	$89,789,656	$10,992,824	$13,290,214	$32,839,482	$32,676,136	8,828	4,203	$8,354,946	83,842	$20,290,071
2	Appling	76	481,713	227,495	39,293	157,580	57,405	94	35	14,860	829	170,593
3	Baker	20	69,380	24,240	7,775	18,875	18,490	24	18	8,375	304	67,911
4	Baldwin	39	229,480	31,000	45,855	74,710	77,915	42	22	13,567	200	36,086
5	Banks	45	54,025	16,905	7,747	24,275	5,098	54	------	------	71	11,555
6	Bartow	76	414,517	108,497	44,540	137,661	123,819	100	21	12,799	270	61,271
7	Berrien	91	730,026	235,748	62,519	261,988	169,771	120	51	25,964	1,302	291,928
8	Bibb	200	5,605,919	346,871	949,012	1,810,211	2,499,825	192	278	289,330	4,122	1,143,615
9	Brooks	45	390,015	137,038	26,740	159,216	67,021	53	22	15,892	585	131,079
10	Bryan	25	81,415	27,187	4,864	29,691	19,673	37	18	5,970	394	67,741
11	Bulloch	90	346,943	81,166	34,188	148,528	83,061	128	55	24,105	1,475	262,339
12	Burke	55	162,794	10,294	34,815	89,475	28,210	62	7	3,293	154	31,438
13	Butts	44	305,655	30,745	71,037	134,696	69,177	45	10	5,960	341	62,080
14	Calhoun	35	113,805	23,007	12,065	60,752	17,981	42	12	6,290	206	37,917
15	Camden	13	160,929	66,757	13,282	22,356	58,534	16	31	17,385	551	93,696
16	Campbell	31	241,472	13,895	42,675	87,855	97,047	41	14	3,350	211	41,482
17	Carroll	116	401,398	63,155	68,060	201,726	68,457	150	16	5,658	248	48,869
18	Catoosa	24	25,778	3,360	6,040	13,540	2,838	28	------	------	33	5,950
19	Charlton	10	95,687	34,162	3,025	33,600	24,900	12	10	3,580	220	43,670
20	Chatham	170	6,415,430	706,200	1,042,303	1,583,946	3,082,481	174	239	247,415	3,527	1,312,872
21	Chattahoochee	14	24,432	4,282	1,800	16,800	1,550	18	1	240	56	9,841
22	Chattooga	48	1,178,715	60,782	195,955	672,386	249,642	52	41	28,211	859	141,353
23	Cherokee	49	177,546	61,240	14,180	54,438	47,688	60	4	3,212	118	27,115
24	Clarke	83	1,088,649	48,110	111,286	431,666	497,587	85	47	31,231	1,166	225,370
25	Clay	26	114,455	8,915	13,950	44,605	46,985	27	5	1,510	75	13,329
26	Clayton	34	49,300	8,015	9,737	29,630	6,918	39	------	------	60	11,421
27	Clinch	50	297,685	93,251	26,427	108,647	69,360	82	55	23,360	1,548	287,481
28	Cobb	109	1,197,706	83,171	205,417	387,509	521,609	125	59	48,579	1,195	267,027
29	Coffee	63	1,231,048	600,786	77,694	377,856	174,712	92	55	29,690	1,678	392,219
30	Colquitt	62	1,056,114	344,720	81,186	373,070	257,138	102	82	43,514	1,425	309,037
31	Columbia	17	31,629	10,591	2,140	14,870	4,028	17	1	260	38	6,337
32	Coweta	86	1,011,076	54,502	142,010	285,644	528,920	97	41	29,015	649	131,224
33	Crawford	33	56,365	11,410	10,620	26,070	8,265	43	------	------	99	17,908
34	Dade	23	115,396	5,660	11,715	86,255	11,766	22	6	4,560	74	18,188
35	Dawson	31	35,865	7,970	7,215	17,395	3,285	37	------	------	17	2,983
36	Decatur	80	1,080,867	460,517	97,780	281,826	240,744	106	76	42,710	2,056	407,176
37	Dekalb	50	775,234	59,905	168,239	122,910	424,180	58	24	34,145	423	151,187
38	Dodge	43	247,418	25,325	13,749	115,373	92,980	54	19	14,335	447	112,700
39	Dooly	59	650,910	111,090	42,540	269,648	227,632	82	19	8,284	830	186,422
40	Dougherty	43	400,136	67,987	63,132	178,660	90,357	48	35	23,334	409	83,444
41	Douglas	41	44,123	4,506	6,665	23,315	9,637	49	6	768	48	8,801
42	Early	53	428,480	141,515	37,605	162,545	86,815	73	27	13,280	785	174,304
43	Echols	11	77,960	42,525	6,325	14,120	14,990	16	14	3,542	236	51,910
44	Effingham	29	208,727	57,905	14,098	101,254	35,470	37	17	9,836	471	95,729
45	Elbert	51	466,345	47,793	63,947	218,221	136,384	61	14	9,965	449	75,793
46	Emanuel	58	415,662	88,043	51,123	131,369	146,127	69	41	20,352	1,020	198,617
47	Fannin	39	90,463	9,123	17,255	29,141	34,944	42	5	4,020	140	52,356
48	Fayette	24	57,907	26,403	7,090	23,110	1,304	35	------	------	31	5,125
49	Floyd	137	3,198,628	244,041	771,674	930,507	1,252,406	143	94	96,425	2,229	565,952
50	Forsyth	19	16,455	2,015	3,120	9,945	1,375	24	------	------	16	2,472
51	Franklin	64	111,812	11,023	26,113	65,480	9,196	81	11	2,765	109	19,841
52	Fulton	441	19,188,286	1,439,348	2,221,946	7,527,496	7,999,496	433	909	969,826	10,803	3,494,947
53	Gilmer	46	167,563	73,279	16,595	43,305	34,384	52	4	1,760	68	11,317
54	Glascock	4	7,250	750	900	5,600	------	6	1	275	10	1,969
55	Glynn	84	677,559	137,337	102,753	206,922	230,542	89	33	24,514	894	343,361
56	Gordon	44	89,143	9,135	18,725	47,025	14,258	57	1	100	62	11,020
57	Greene	46	120,088	7,650	17,902	79,316	15,220	62	9	1,764	140	20,847
58	Gwinnett	92	437,076	15,221	45,320	137,715	238,820	113	33	22,760	665	108,965
59	Habersham	64	497,750	37,055	92,475	218,292	149,928	64	17	14,105	490	89,222
60	Hall	85	365,460	52,288	50,220	136,445	126,507	104	23	14,986	597	143,614
61	Hancock	36	70,532	5,135	13,300	36,822	15,275	41	2	370	81	11,610
62	Haralson	61	180,503	17,470	20,765	67,475	74,793	82	10	5,750	216	65,709
63	Harris	42	308,756	26,412	74,595	160,750	46,999	50	12	2,832	203	35,689
64	Hart	36	240,690	26,655	58,850	114,475	40,710	47	13	6,421	232	38,022
65	Heard	43	69,091	18,321	9,465	36,470	4,835	48	3	165	47	9,688
66	Henry	49	116,566	11,456	29,285	48,365	27,510	72	5	577	86	16,558
67	Houston	87	208,774	12,925	28,500	75,162	92,187	44	11	5,930	217	40,321
68	Irwin	79	743,944	318,485	42,819	290,259	92,431	102	34	21,380	948	216,055
69	Jackson	79	308,548	11,155	57,330	131,363	108,695	93	13	4,968	812	52,498
70	Jasper	38	53,684	2,331	6,305	31,458	13,590	45	1	600	65	14,158
71	Jefferson	37	59,768	7,830	13,043	32,928	5,967	44	8	2,620	107	21,877
72	Johnson	32	77,646	19,663	5,680	36,243	16,060	46	13	3,769	245	40,752
73	Jones	19	89,140	21,585	22,880	38,135	6,540	23	2	310	28	4,949
74	Laurens	83	437,185	63,449	40,501	160,635	172,600	95	20	11,790	603	132,974
75	Lee	33	109,380	42,220	11,200	38,430	17,530	35	18	5,620	127	25,503
76	Liberty	42	144,287	41,277	15,885	56,643	30,532	55	34	13,374	790	163,925

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.										
66,540	$17,582,519	10,929	$2,015,852	6,373	$691,700	$5,321,330	$473,942	$640,949	$3,993,762	$212,677	$58,232,202	$56,793,964	$1,438,238	$106,654,527	1
794	167,338	1	50	34	3,205	8,806	112	2,207	6,487	----------	327,902	326,252	1,650	693,706	2
302	67,411	2	500	----------	----------	1,730	185	438	1,107	----------	62,221	61,501	720	171,314	3
193	34,963	3	831	4	292	12,856	1,832	2,379	8,645	----------	200,773	189,953	10,820	324,234	4
69	11,335	----------	----------	2	220	1,123	309	483	331	----------	58,395	57,925	470	101,162	5
253	59,409	8	975	9	887	12,693	1,715	2,820	7,742	416	530,912	519,626	11,286	764,661	6
1,271	288,128	4	820	27	2,980	15,417	1,704	5,074	8,639	----------	450,128	448,886	1,242	1,063,225	7
3,051	968,770	745	129,849	326	44,996	464,916	37,433	41,829	358,839	26,815	3,949,059	3,824,447	124,612	6,901,219	8
572	130,036	----------	----------	13	1,043	7,328	425	1,171	5,732	----------	236,527	234,817	1,710	462,572	9
389	67,428	1	63	4	250	7,398	435	851	2,037	4,075	101,806	104,284	522	246,408	10
1,466	261,433	2	350	7	556	12,263	1,037	2,002	9,000	224	271,377	268,319	3,058	767,917	11
153	30,988	1	450	----------	----------	10,626	681	992	8,953	----------	145,259	136,651	8,608	277,661	12
159	41,656	75	9,165	107	11,259	10,493	445	1,934	8,114	----------	253,699	246,046	7,653	417,976	13
204	37,812	----------	----------	2	105	6,050	148	923	3,749	1,230	114,151	112,122	2,029	224,438	14
551	93,696	----------	----------	----------	----------	8,540	400	847	6,493	800	100,808	100,263	545	263,687	15
119	28,481	47	7,915	45	5,086	13,593	210	802	12,581	----------	235,828	230,493	5,335	338,386	16
166	37,941	43	8,068	39	2,860	12,266	1,480	2,978	7,804	4	299,304	293,168	6,186	458,138	17
31	5,779	----------	----------	2	171	397	160	151	86	----------	46,048	45,547	501	74,874	18
214	42,990	----------	----------	6	680	1,272	----------	674	498	100	59,556	59,355	201	146,792	19
8,334	1,288,039	149	22,607	44	2,226	495,437	66,792	52,061	374,384	2,200	4,205,324	4,102,999	102,325	6,967,788	20
56	9,841	----------	----------	----------	----------	252	94	133	25	----------	36,012	35,908	104	63,237	21
326	69,537	281	47,008	252	24,808	24,040	423	5,765	17,652	200	527,047	515,764	11,283	868,829	22
111	25,949	3	805	4	361	13,865	944	528	12,393	----------	93,298	88,402	4,896	165,888	23
573	149,925	312	50,552	281	24,893	72,959	6,638	8,511	57,630	180	811,083	790,679	20,404	1,348,746	24
72	13,107	----------	----------	3	222	2,870	408	737	1,725	----------	121,377	117,357	4,020	193,970	25
54	10,971	----------	----------	6	450	1,385	154	424	807	----------	52,623	51,713	910	87,109	26
1,536	286,245	----------	----------	12	1,236	10,656	----------	1,494	9,162	----------	162,762	159,593	3,169	627,726	27
801	216,295	184	28,882	210	21,850	91,258	4,237	8,726	75,149	3,146	769,732	750,219	19,513	1,372,759	28
1,672	391,235	2	144	4	840	29,330	965	8,102	20,263	----------	884,315	883,185	1,130	1,147,209	29
1,418	307,977	4	500	3	560	26,801	450	5,141	20,885	325	415,803	414,460	1,343	1,044,450	30
33	5,687	----------	----------	5	650	414	138	244	32	----------	14,661	14,426	235	80,632	31
445	105,114	104	16,660	100	9,450	48,543	1,887	7,677	38,789	190	530,567	517,629	12,938	893,274	32
99	17,908	----------	----------	----------	----------	870	12	389	469	----------	49,126	48,154	972	104,455	33
73	18,133	----------	----------	1	55	16,688	20	467	11,158	5,043	86,159	84,864	1,295	131,878	34
17	2,983	----------	----------	----------	----------	658	42	311	280	25	46,229	46,024	205	60,193	35
1,620	370,170	357	31,030	79	5,976	59,448	700	5,278	30,670	22,800	738,575	734,144	4,431	1,718,734	36
405	148,562	6	1,125	12	1,500	53,538	3,428	4,288	35,322	10,500	362,437	347,926	14,511	697,762	37
435	110,972	----------	----------	12	1,728	11,081	415	1,763	5,403	3,500	200,169	198,957	1,212	503,098	38
821	185,672	----------	----------	9	750	15,256	1,098	3,590	10,475	93	458,008	452,320	5,688	890,696	39
389	85,934	6	1,304	14	1,206	29,767	4,148	3,747	21,422	450	225,467	203,678	21,789	480,545	40
46	8,701	----------	----------	2	100	1,347	723	350	274	----------	47,733	46,932	801	81,615	41
780	173,524	1	300	4	480	6,648	428	2,941	3,279	----------	371,081	369,940	1,141	1,286,408	42
236	51,910	----------	----------	----------	----------	4,530	----------	470	4,060	----------	30,195	29,405	790	107,568	43
460	94,757	3	384	8	588	10,728	480	1,250	8,998	----------	165,116	164,888	228	348,641	44
253	53,214	92	12,675	104	9,904	14,430	1,064	3,028	10,288	50	291,199	278,842	12,357	482,670	45
1,608	197,294	6	912	6	411	12,094	916	2,206	8,487	485	269,052	267,528	1,524	624,234	46
140	52,356	----------	----------	----------	----------	1,645	128	1,048	469	----------	62,602	61,870	732	141,654	47
28	4,878	----------	----------	3	247	539	95	241	203	----------	31,946	30,814	1,132	47,938	48
1,606	466,750	314	68,024	309	31,173	141,175	9,220	21,184	110,771	----------	1,622,111	1,482,764	139,347	2,982,674	49
16	2,472	----------	----------	----------	----------	413	90	117	206	----------	21,727	21,461	266	33,788	50
104	19,330	----------	----------	5	511	2,997	463	881	1,653	----------	119,148	115,497	3,651	189,027	51
7,756	2,945,527	2,195	434,558	852	114,862	1,571,669	150,690	108,806	1,256,127	56,046	10,748,684	10,495,421	253,263	20,049,206	52
66	11,092	----------	----------	2	225	3,455	168	608	2,679	----------	88,103	87,983	120	167,275	53
10	1,969	----------	----------	----------	----------	215	----------	65	150	----------	4,393	4,188	205	13,901	54
875	339,777	6	1,970	13	1,614	48,085	12,095	8,348	20,272	7,370	820,312	809,756	10,556	1,678,025	55
62	11,020	----------	----------	----------	----------	2,149	771	654	720	4	170,423	168,097	2,326	230,157	56
73	12,958	41	6,024	26	1,865	5,403	509	728	2,991	1,175	92,447	87,718	4,729	163,626	57
550	93,959	29	3,798	86	11,208	13,486	457	2,013	11,016	----------	859,503	854,083	5,420	1,190,643	58
286	57,277	104	13,832	100	9,113	22,743	462	2,245	18,916	1,120	224,461	219,065	5,396	462,429	59
487	129,504	45	7,525	65	6,615	20,171	4,373	3,539	12,194	65	553,985	540,090	13,895	855,686	60
70	10,885	4	250	7	475	1,938	631	525	682	100	51,266	49,620	1,646	86,085	61
199	60,959	1	360	16	4,300	8,997	777	1,237	6,033	950	131,766	114,298	17,468	277,391	62
110	23,592	40	7,774	53	4,323	8,409	136	1,172	2,101	----------	126,199	123,766	2,433	285,234	63
83	17,385	43	8,493	106	12,144	5,927	212	906	4,809	----------	129,195	125,163	4,032	233,479	64
47	9,688	----------	----------	----------	----------	859	148	627	84	----------	67,013	66,059	954	102,259	65
58	10,658	23	5,500	5	400	4,493	590	798	3,105	----------	79,327	76,007	3,320	147,113	66
214	39,849	----------	----------	3	475	6,087	494	1,193	4,400	----------	95,248	93,540	1,708	208,650	67
923	218,589	8	982	17	1,481	9,531	1,451	3,361	4,426	293	303,491	301,193	2,298	702,820	68
200	40,201	52	8,450	60	3,847	6,953	1,210	2,334	3,409	----------	251,067	245,527	5,540	413,302	69
56	13,048	4	600	5	510	1,816	632	305	779	100	51,553	49,535	2,018	99,636	70
107	21,877	----------	----------	----------	----------	1,713	96	815	802	----------	47,351	46,371	980	98,277	71
245	40,752	----------	----------	----------	----------	4,808	249	1,318	3,241	----------	75,443	74,248	1,195	176,574	72
24	4,457	2	216	2	276	318	35	152	131	----------	32,083	31,298	785	50,204	73
592	131,669	5	530	6	775	10,777	1,036	4,254	5,467	20	242,058	236,700	5,358	581,839	74
124	25,398	----------	----------	3	105	1,744	451	430	863	----------	85,868	85,105	763	177,439	75
790	163,925	----------	----------	----------	----------	9,272	851	1,272	4,129	3,020	118,813	115,044	3,769	382,317	76

TABLE 6.—MANUFACTURES

	COUNTIES AND 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.
77	Lincoln	13	$25,570	$1,705	$6,795	$14,830	$2,300	18	1	$30	15	$2,368
78	Lowndes	97	650,512	90,751	54,332	238,689	266,740	117	51	20,810	906	191,111
79	Lumpkin	36	41,310	13,321	5,981	19,015	2,993	45	1	240	34	5,560
80	McDuffie	27	36,253	3,188	6,785	18,755	7,525	31	5	508	42	7,355
81	McIntosh	11	179,291	27,637	15,745	30,379	105,530	7	19	13,300	289	69,128
82	Macon	35	62,191	21,650	4,955	28,940	6,646	40	4	1,910	75	14,189
83	Madison	38	66,698	8,053	10,255	30,910	17,480	56	4	320	41	6,853
84	Marion	23	30,995	2,370	7,675	15,650	5,300	26	4	1,235	46	9,062
85	Meriwether	61	259,056	27,931	42,860	146,990	41,275	89	11	6,990	145	33,237
86	Miller	15	126,453	57,721	6,906	23,048	38,778	20	10	4,560	340	71,559
87	Milton	22	19,815	745	3,730	14,075	1,265	36	1	100	18	2,381
88	Mitchell	25	235,610	121,365	19,505	69,940	24,710	33	16	7,480	197	43,455
89	Monroe	49	324,693	13,310	66,520	177,702	67,161	58	7	4,611	195	41,548
90	Montgomery	62	621,588	172,193	55,173	271,903	122,319	85	41	19,067	1,024	207,900
91	Morgan	42	163,706	6,576	27,966	82,948	46,216	48	14	4,893	97	25,454
92	Murray	27	39,632	13,340	6,490	15,785	4,017	32	1	400	41	5,694
93	Muscogee	151	5,729,012	339,238	841,143	1,775,417	2,773,219	171	197	193,015	4,883	1,221,157
94	Newton	71	799,620	54,735	108,789	372,927	263,169	83	18	8,254	477	75,636
95	Oconee	27	120,090	5,085	20,675	81,505	12,825	33	7	3,130	97	19,854
96	Oglethorpe	56	114,434	5,352	18,845	72,180	18,057	56	12	1,958	75	14,061
97	Paulding	50	63,823	8,340	7,155	35,523	12,805	63	3	720	168	24,165
98	Pickens	39	276,911	26,686	37,420	101,263	111,542	46	15	12,360	189	46,851
99	Pierce	22	432,314	194,075	35,089	113,767	89,383	24	15	9,005	408	87,773
100	Pike	54	586,563	21,105	78,220	209,570	277,668	54	29	22,220	510	125,605
101	Polk	65	1,417,455	141,441	481,750	562,085	232,179	66	37	31,245	1,054	198,830
102	Pulaski	44	186,584	25,915	12,765	57,725	90,179	54	11	5,030	278	60,351
103	Putnam	28	42,460	3,535	13,675	19,540	5,710	29	1	150	42	7,389
104	Quitman	6	4,935	1,345	780	2,350	460	7	------	------	6	1,290
105	Rabun	23	8,620	1,370	2,095	4,145	1,010	25	------	------	14	1,693
106	Randolph	35	61,960	10,210	8,965	34,835	7,950	46	4	710	54	10,556
107	Richmond	403	9,030,679	912,689	1,908,626	3,810,969	2,898,395	394	265	278,936	7,206	1,827,795
108	Rockdale	28	41,945	4,580	9,350	24,480	3,535	35	1	900	46	10,062
109	Schley	11	14,185	355	3,235	9,665	930	12	1	120	9	1,279
110	Screven	59	259,643	116,708	24,648	56,017	62,270	71	16	7,296	640	116,747
111	Spalding	49	1,438,257	21,665	248,150	654,708	513,734	52	29	28,089	1,039	234,082
112	Stewart	36	117,049	18,108	28,166	47,485	23,290	42	8	1,980	76	14,518
113	Sumter	93	502,194	60,403	68,980	248,393	129,418	98	34	25,518	624	215,580
114	Talbot	24	108,168	43,228	13,880	31,885	19,175	33	4	1,850	74	13,581
115	Taliaferro	22	30,055	4,620	7,655	16,555	1,225	24	2	187	17	2,660
116	Tattnall	102	430,810	152,097	49,449	135,299	93,965	127	48	28,128	1,259	258,431
117	Taylor	29	130,424	9,255	16,843	69,994	34,332	34	5	2,175	145	25,686
118	Telfair	49	208,827	73,764	15,875	69,743	49,445	79	24	8,116	635	137,043
119	Terrell	61	168,977	14,110	32,362	95,115	27,390	77	19	9,124	263	61,968
120	Thomas	117	889,950	54,247	33,661	181,470	120,572	154	26	10,680	1,049	213,505
121	Towns	17	12,485	2,950	2,130	3,870	3,535	24	1	225	15	3,088
122	Troup	69	1,223,711	60,965	182,039	605,827	374,880	65	25	19,106	934	190,315
123	Twiggs	15	17,745	1,020	4,810	11,515	400	16	------	------	23	4,118
124	Union	20	18,415	1,915	4,250	9,000	3,250	21	1	500	17	3,063
125	Upson	32	201,366	28,982	27,330	77,025	68,029	28	11	5,360	113	28,407
126	Walker	44	1,823,005	78,307	283,459	491,978	969,261	39	37	39,959	780	147,259
127	Walton	71	910,150	14,951	175,779	339,000	380,420	70	27	25,118	745	126,094
128	Ware	78	327,369	55,941	34,600	158,076	78,752	89	50	26,790	800	214,041
129	Warren	35	87,301	3,325	19,710	48,858	15,408	42	4	1,700	137	27,452
130	Washington	69	171,926	24,485	22,395	72,620	52,476	82	15	4,580	259	51,499
131	Wayne	38	137,273	51,406	12,037	46,218	27,612	57	15	7,750	446	100,997
132	Webster	12	11,405	695	3,000	7,250	460	13	------	------	10	1,407
133	White	22	18,195	1,495	3,505	12,185	1,010	25	------	------	18	2,773
134	Whitfield	61	811,960	27,285	120,795	366,917	296,963	88	31	19,985	859	148,815
135	Wilcox	41	470,294	80,199	16,225	218,687	160,183	63	30	18,665	803	157,742
136	Wilkes	48	161,620	18,013	26,805	77,110	44,692	57	13	5,422	113	27,042
137	Wilkinson	28	76,369	16,495	8,190	47,842	3,842	35	3	800	83	14,411
138	Worth	72	676,592	216,158	42,509	237,655	180,270	92	37	20,184	910	190,784

TABLE 7.—MANUFACTURES BY

1	All industries	7,504	$89,789,056	$10,992,824	$13,290,214	$32,830,482	$32,676,136	8,828	4,203	$3,354,946	83,842	$20,290,071
2	Agricultural implements	10	454,988	101,980	38,750	70,552	243,706	10	23	30,884	360	99,951
3	Awnings, tents, and sails	3	12,825	500	1,500	475	10,350	6	2	2,000	11	4,545
4	Baking and yeast powders	3	40,100	500	1,600	2,600	35,500	2	9	9,520	27	4,486
5	Baskets, and rattan and willow ware	4	52,850	8,150	6,000	22,000	16,700	5	2	880	44	11,170
6	Bicycle and tricycle repairing	58	50,597	2,160	1,915	20,512	26,010	63	9	4,886	84	24,987
7	Blacksmithing and wheelwrighting	621	386,482	70,059	62,534	97,919	155,970	719	4	1,556	572	160,928
8	Boots and shoes, custom work and repairing	169	33,682	1,555	3,835	12,406	15,886	178	1	600	181	40,595
9	Boots and shoes, factory product	5	90,700	1,500	6,500	23,400	59,300	10	9	8,200	250	66,000
10	Boxes, fancy and paper	3	72,017	5,000	------	22,964	44,053	4	12	13,576	123	29,125
11	Boxes, wooden packing	7	187,170	13,650	23,204	45,955	104,361	3	19	9,630	274	56,164

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.										
12	$2,168			3	$200	$448	$36	$142	$270		$22,748	$22,586	$162	$32,418	77
891	188,226	9	$2,250	6	695	31,648	4,495	4,303	11,320	$11,530	506,340	502,146	4,194	1,006,569	78
31	5,205	1	75	2	280	1,551	950	274	330		35,456	35,251	205	60,587	79
37	6,700	1	275	4	380	1,422	484	352	580	6	29,104	28,121	983	52,423	80
286	68,828			3	300	2,413	278	655	1,405	75	80,649	79,729	920	221,230	81
75	14,189					1,878	1,108	364	406		83,529	82,568	961	76,951	82
40	6,803			1	50	1,147	207	585	355		72,355	71,505	850	105,543	83
43	8,860			3	202	1,170	666	191	313		17,397	16,864	533	68,165	84
141	32,392	2	505	2	340	39,114	254	1,736	37,069	55	308,342	303,739	4,603	471,029	85
339	71,463			1	96	1,372	60	716	596		57,877	57,424	453	175,200	86
16	2,216			2	165	416	59	157	200		20,143	19,526	617	33,204	87
197	43,455					4,874	48	878	3,948		118,917	115,044	3,873	204,726	88
121	31,988	28	3,914	46	5,646	8,841	490	2,260	6,091		294,575	286,066	8,509	423,308	89
1,008	206,542			16	1,358	17,701	2,311	3,088	12,012	290	352,757	349,101	3,656	854,108	90
94	25,154	1	200	2	100	15,287	1,250	1,243	12,794		85,146	81,605	3,541	155,288	91
41	5,694					1,140	114	356	670		29,392	29,085	307	44,589	92
2,850	807,017	1,591	365,921	442	48,219	413,054	19,411	42,940	350,243	460	3,688,560	3,601,287	87,273	6,267,037	93
289	43,275	126	19,391	62	12,970	23,666	1,042	7,578	14,996	50	337,162	335,213	1,949	526,464	94
66	13,242	15	3,500	16	3,112	1,574	482	470	622		116,561	115,066	1,495	164,910	95
73	13,861			2	200	3,816	765	1,436	1,615		116,837	112,937	3,900	164,951	96
162	23,600			6	565	3,430	570	724	336	1,800	72,452	71,197	1,255	149,227	97
171	45,421	14	1,280	4	150	25,804	152	570	25,082		110,701	106,146	4,555	240,486	98
402	86,737			6	1,036	8,788	2,691	1,515	4,582		244,465	242,447	2,018	418,779	99
299	89,760	195	26,519	116	9,316	28,204	899	5,001	22,054	250	639,945	629,403	10,542	1,105,657	100
600	135,840	249	39,986	205	23,604	59,591	3,481	6,863	49,247		823,342	775,185	48,157	1,219,628	101
271	58,576	5	1,700	2	75	9,926	979	1,099	7,723	125	154,191	152,142	2,049	345,797	102
31	6,109	6	780	5	500	1,817	739	919	189		118,167	117,471	696	154,623	103
6	1,290					51		51			13,324	13,274	50	16,736	104
12	1,213	2	480			208	61	84	61	2	18,007	17,957	50	24,838	105
49	9,501	2	680	3	375	1,957	630	560	767		31,129	29,661	1,468	68,108	106
4,455	1,875,126	2,081	382,634	670	70,035	638,889	61,649	117,881	451,259	5,100	6,261,901	6,119,250	142,651	10,129,332	107
37	8,772	3	555	6	735	3,774	665	347	2,729	33	41,884	40,231	1,653	73,573	108
8	1,179			1	100	198	24	142	32		3,152	2,802	350	10,701	109
637	116,323			3	424	10,269	431	1,511	3,327	5,000	98,775	96,475	2,300	318,866	110
540	151,068	263	55,358	236	27,656	45,758	1,032	9,181	35,495	50	584,341	562,016	22,325	1,122,832	111
72	13,901			4	617	3,352	519	933	1,795	105	73,809	71,434	2,375	121,020	112
601	212,482	14	2,470	6	628	28,215	4,651	5,607	17,957		396,188	381,281	14,907	785,771	113
73	13,408	1	173			2,451	325	641	1,485		44,216	42,322	1,894	78,028	114
15	2,320	1	100	1	240	329	81	170	78		29,328	28,719	609	44,795	115
1,254	257,951			5	480	22,687	460	2,993	9,214	10,020	388,768	387,344	1,424	957,683	116
95	19,763	25	3,742	25	2,181	4,455	75	1,387	2,993		131,028	129,837	1,191	195,529	117
619	135,043			16	2,000	3,346	345	1,009	1,692	300	135,048	131,844	3,204	369,465	118
245	58,918	10	2,000	8	1,050	7,435	1,785	1,625	4,025		224,387	218,151	6,236	382,099	119
1,038	212,503	5	704	6	298	17,146	3,917	1,951	7,198	4,080	256,062	246,570	9,492	703,388	120
15	3,088					298	90	91	117		17,814	17,647	167	28,182	121
509	130,392	201	35,545	224	24,408	48,949	3,772	7,166	37,781	230	691,050	667,165	23,885	1,148,168	122
23	4,118					408	100	173	135		13,889	13,464	425	23,538	123
17	3,003					254	25	126	103		26,043	26,013	30	36,463	124
88	22,148	14	4,510	11	1,749	7,746	350	1,309	6,087		105,090	102,532	2,558	162,126	125
389	89,022	246	42,758	145	15,484	49,706	298	5,801	43,357	250	841,195	831,178	10,017	1,249,261	126
378	85,081	175	26,188	192	14,830	42,557	748	5,972	29,706	6,136	498,396	482,314	16,082	812,729	127
761	207,737	18	4,515	21	1,789	27,942	2,078	2,750	11,314	11,800	229,766	222,440	7,326	649,972	128
88	19,257	29	6,296	20	1,899	3,951	398	451	3,102		124,852	121,128	3,724	202,447	129
244	49,109	6	1,740	9	650	5,915	932	1,555	3,428		135,507	130,395	5,112	261,681	130
441	100,229			5	768	3,055	328	685	1,956	86	93,059	91,693	1,366	268,914	131
10	1,407					127		105	22		11,472	11,327	145	16,561	132
18	2,773					293	15	185	93		37,716	37,607	109	50,762	133
406	93,689	224	35,828	229	19,298	32,475	3,460	7,351	19,964	1,700	1,143,425	1,130,013	13,412	1,612,388	134
796	156,778			7	964	9,941	1,209	1,269	7,458	5	309,253	307,923	1,330	654,179	135
109	26,117	4	925			4,901	1,881	1,330	1,665	25	114,997	106,263	8,734	197,924	136
83	14,411					694	435	76	183		58,002	57,693	309	107,086	137
889	188,567	4	150	17	2,067	6,026	822	2,714	2,990		342,730	341,275	1,455	769,358	138

SPECIFIED INDUSTRIES: 1900.

66,540	$17,582,519	10,929	$2,015,852	6,378	$691,700	$5,321,330	$473,942	$640,949	$3,993,762	$212,677	$58,232,202	$56,793,964	$1,438,238	$106,654,527	1
354	99,423			6	528	33,864	780	3,309	29,775		437,799	429,626	8,173	737,652	2
8	8,510	3	1,035			332	397	115	320		14,025	14,020	5	32,540	3
12	2,344	15	2,142			4,433	840	373	3,220		82,355	81,795	560	118,000	4
26	3,220	5	400	13	2,550	735	100	170	465		4,191	3,706	485	34,095	5
79	24,507			5	480	12,095	8,487	1,087	2,447	124	39,130	37,515	1,615	115,345	6
563	160,228			9	705	33,494	23,047	4,062	5,936	449	225,675	208,277	17,398	777,521	7
125	40,032	2	354	4	209	15,341	13,416	571	1,354		64,886	63,975	911	197,912	8
190	55,600	40	7,400	20	3,000	7,859	1,810	1,024	5,025		255,695	254,445	1,250	346,259	9
30	13,145	83	14,980	10	1,000	5,654	2,320	400	2,934		26,310	25,630	680	122,125	10
216	50,691	1	195	57	5,278	9,643		680	8,963		76,249	76,080	169	194,881	11

TABLE 7.—MANUFACTURES BY

	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	Bread and other bakery products	62	$233,200	$45,850	$75,400	$41,805	$70,145	64	21	$13,734	241	$82,248
13	Brick and tile	70	1,045,179	257,732	213,320	239,455	334,672	77	59	45,745	1,701	347,297
14	Brooms and brushes	14	37,825	3,920	6,925	5,015	21,965	12	2	1,380	81	17,980
15	Carpentering	87	177,333	14,625	22,690	26,945	113,073	100	4	3,900	848	301,426
16	Carriages and wagons	132	847,426	84,698	121,334	107,339	584,055	166	39	31,024	830	261,856
17	Cars and general shop construction and repairs by steam railroad companies.	32	1,408,592	190,110	412,414	408,005	398,063	-------	97	98,003	3,175	1,602,208
18	Charcoal	15	10,327	2,890	185	1,230	6,022	20	1	360	87	7,470
19	Cheese, butter, and condensed milk, factory product.	4	13,497	450	3,100	8,910	1,037	3	1	400	4	1,860
20	Clothing, men's, custom work and repairing.	73	168,656	14,950	25,550	10,961	117,195	87	21	20,350	284	129,843
21	Clothing, men's, factory product	18	514,060	11,840	27,700	71,251	403,269	31	43	37,340	1,276	230,947
22	Clothing, women's, dressmaking	89	43,055	10,275	20,725	6,895	5,160	90	4	1,765	189	33,723
23	Coffins, burial cases, and undertakers' goods.	4	227,635	25,625	44,760	14,450	142,900	4	19	20,900	109	42,300
24	Confectionery	27	471,680	15,900	23,500	54,982	377,298	28	72	61,663	419	109,561
25	Cooperage	23	270,353	21,095	59,875	83,180	106,403	21	22	22,322	408	98,667
26	Cotton, compressing	10	895,468	213,091	277,952	260,284	144,138	4	45	41,712	505	84,367
27	Cotton, ginning[1]	1,178	1,812,008	57,662	329,125	1,360,649	64,572	1,449	161	15,219	1,401	207,757
28	Cotton goods	67	24,158,159	1,166,237	4,701,906	10,828,803	7,461,213	10	332	430,501	18,283	3,566,951
29	Druggists' preparations, not including prescriptions.	5	57,600	-------	-------	1,100	56,500	6	6	2,100	14	4,239
30	Dyeing and cleaning	24	28,334	3,550	7,400	4,520	12,864	30	2	800	78	15,923
31	Electrical construction and repairs	6	56,850	3,000	-------	16,650	37,200	5	9	7,660	60	20,228
32	Fertilizers	41	6,663,618	137,762	1,044,804	661,134	4,819,918	39	114	147,018	1,126	294,887
33	Flouring and grist mill products	1,123	2,504,033	289,073	577,812	1,025,920	611,228	1,315	88	58,908	1,167	225,933
34	Foundry and machine shop products	87	3,398,141	327,452	465,971	691,539	1,913,179	88	177	198,734	2,384	920,331
35	Fruits and vegetables, canning and preserving.	8	24,801	1,851	5,700	5,500	11,750	5	4	3,650	81	10,515
36	Furniture, cabinetmaking, repairing, and upholstering.	42	25,262	3,100	5,275	5,925	10,962	45	-------	-------	41	15,666
37	Furniture, factory product	21	1,195,948	165,400	127,667	183,794	719,087	17	85	90,534	1,354	358,512
38	Gas, illuminating and heating	12	4,269,319	313,250	260,806	3,413,216	282,047	-------	75	56,314	271	92,265
39	Hosiery and knit goods	16	928,887	21,836	85,012	416,329	405,710	-------	46	39,467	1,208	200,662
40	Ice, artificial	32	975,100	63,950	128,988	724,050	58,112	14	48	42,535	251	86,210
41	Iron and steel	3	655,916	175,000	295,000	113,880	72,036	-------	18	13,295	194	48,391
42	Leather, tanned, curried, and finished	36	1,434,390	56,270	210,520	265,820	901,780	38	26	20,413	410	92,030
43	Lime and cement	5	130,949	89,000	9,210	24,760	7,979	4	4	4,215	103	25,320
44	Liquors, distilled	28	54,808	3,485	10,350	17,000	23,973	29	4	1,320	42	8,557
45	Liquors, malt	5	1,327,830	200,500	323,852	323,380	480,098	-------	37	64,900	300	128,288
46	Liquors, vinous	6	38,360	240	5,900	6,320	25,900	4	3	1,350	6	1,225
47	Lock and gun smithing	19	15,765	3,500	1,150	7,905	3,210	22	-------	-------	12	2,432
48	Looking-glass and picture frames	14	16,835	-------	-------	1,735	15,100	17	4	2,010	26	9,582
49	Lumber and timber products	1,254	11,802,716	4,044,247	751,547	4,773,750	2,233,172	1,697	414	268,646	10,240	2,314,523
50	Lumber, planing mill products, including sash, doors, and blinds.	99	2,074,226	244,830	254,925	640,108	934,363	120	150	146,620	2,171	672,243
51	Marble and stone work	23	590,542	142,140	54,885	137,640	255,877	23	25	27,275	574	233,026
52	Masonry, brick and stone	30	89,011	7,500	13,200	16,206	52,105	32	9	5,770	594	227,836
53	Mattresses and spring beds	10	114,170	3,600	1,800	22,940	85,830	10	21	22,318	74	30,188
54	Millinery and lace goods	3	18,200	-------	-------	3,500	14,700	4	16	8,690	62	26,388
55	Millinery, custom work	181	261,232	13,260	36,460	8,851	202,671	213	42	16,000	270	82,059
56	Mineral and soda waters	38	130,961	5,700	4,775	66,335	54,151	41	29	17,590	91	22,045
57	Monuments and tombstones	41	168,198	9,432	7,185	17,115	134,466	51	26	16,480	303	124,536
58	Oil, cottonseed and cake	43	4,098,668	235,853	683,532	1,428,334	1,750,949	7	105	187,164	1,591	354,017
59	Optical goods	3	37,050	-------	-------	2,750	34,300	4	-------	-------	12	8,800
60	Painting, house, sign, etc	47	32,645	2,750	4,575	7,075	18,245	52	2	1,380	182	66,386
61	Paints	5	101,300	4,000	4,500	11,500	81,300	3	12	9,170	28	9,844
62	Paper hanging	5	23,240	-------	-------	890	22,350	6	7	4,784	23	8,540
63	Patent medicines and compounds	22	498,560	29,756	77,268	28,725	362,811	13	38	31,953	178	44,340
64	Paving and paving materials	3	35,189	7,100	5,200	12,229	10,660	-------	11	5,175	40	16,535
65	Photography	64	59,793	2,805	6,762	31,105	19,121	74	3	800	49	14,732
66	Plumbing, and gas and steam fitting	56	247,002	13,100	19,550	22,205	192,147	63	26	17,543	423	161,350
67	Pottery, terra cotta, and fire-clay products.	21	266,710	38,125	30,415	53,110	95,060	23	21	17,800	285	66,793
68	Printing and publishing, book and job	54	635,150	32,700	18,300	417,293	166,857	66	49	41,916	811	241,745
69	Printing and publishing, newspapers and periodicals.	233	1,852,813	113,635	165,112	1,249,133	324,933	234	196	177,325	1,050	450,873
70	Rice, cleaning and polishing	4	113,155	30,085	40,075	20,775	22,220	4	5	4,800	14	8,250
71	Roofing and roofing materials	11	90,235	10,500	21,500	22,700	35,535	12	9	5,950	87	33,567
72	Saddlery and harness	78	493,454	20,726	51,315	63,849	357,564	93	41	21,535	651	141,900
73	Sewing machine repairing	4	1,040	-------	-------	555	485	3	-------	-------	2	400
74	Ship and boat building, wooden	4	15,170	-------	-------	770	14,400	2	2	1,400	19	5,156
75	Slaughtering and meat packing, wholesale.	4	109,400	13,500	27,700	24,700	43,500	4	32	19,625	98	31,050
76	Slaughtering, wholesale, not including meat packing.	3	6,427	3,200	1,325	102	1,800	4	2	610	6	1,390

[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 ocated. For the full number of ginneries in operation, reference should be made to the special report on cotton ginning.

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
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.	Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
201	$76,616	20	$3,736	20	$1,896	$26,504	$12,411	$3,043	$11,050		$290,557	$283,244	$7,313	$597,549	12
1,683	341,099	2	500	66	5,698	44,687	9,505	6,678	28,104	$100	264,016	65,205	198,811	1,053,255	13
79	17,860			2	120	1,833	892	435	506		69,382	69,132	250	117,260	14
848	301,426					21,960	5,577	1,676	8,714	5,993	604,900	603,957	943	1,112,725	15
822	261,056			8	800	45,092	10,420	8,389	26,163	120	545,587	533,707	11,880	1,350,644	16
3,169	1,601,128	6	1,080			89,380	1,800	16,472	69,934	1,174	1,272,692	1,257,533	15,159	3,062,283	17
85	7,370			2	100	2,277	90	61	326	1,800	10,120	10,120		41,832	18
4	1,860					360		72	288		10,515	9,964	551	14,166	19
211	112,435	65	16,786	8	622	27,293	15,167	1,980	9,871	275	171,542	169,611	1,931	437,113	20
119	44,408	1,083	178,070	74	8,469	25,200	9,962	2,915	12,273	50	657,352	649,882	7,470	1,120,607	21
		185	33,438	4	285	6,344	5,314	547	483		96,637	96,432	205	183,582	22
94	39,300			15	3,000	5,546	480	1,516	3,550		76,505	74,650	1,855	203,760	23
238	80,994	165	26,555	16	2,012	60,559	14,718	4,453	41,379		534,244	524,405	9,839	864,569	24
391	97,735			14	872	24,012	2,166	1,495	13,581	6,800	392,244	391,227	1,017	678,092	25
505	84,307					63,453	15,000	13,123	35,330		43,921	25,480	18,441	345,047	26
1,398	207,460			3	297	34,615	2,877	15,436	16,302		231,562	161,509	70,053	1,126,264	27
7,309	1,815,126	6,495	1,270,434	4,479	481,391	1,041,863		178,564	831,920	31,379	11,113,356	10,794,699	318,657	18,457,645	28
6	2,856	6	1,208	2	175	4,996	1,736	1,885	1,375		70,930	68,385	2,545	96,626	29
52	13,012	6	1,315	20	1,596	5,845	4,220	323	1,202	100	30,777	29,778	999	67,791	30
59	29,078			1	150	6,292	3,820	315	1,607	550	64,289	63,749	540	130,910	31
1,121	293,887			5	1,000	405,936	4,261	36,174	365,376	125	2,349,635	2,296,942	52,693	3,367,358	32
1,154	225,223			13	710	73,455	8,050	23,120	42,113	172	7,004,065	6,955,025	49,040	8,330,439	33
2,360	916,468	1	300	23	3,563	173,903	8,165	30,635	130,123	5,580	1,590,884	1,539,742	51,142	3,506,427	34
26	5,260	38	4,410	17	875	4,262	600	221	3,441		67,192	66,699	493	120,022	35
38	15,266			3	400	3,621	2,639	384	548	50	16,380	16,235	145	62,194	36
1,154	334,943	48	7,230	152	16,339	93,702	8,106	4,580	80,766	250	517,466	512,927	4,539	1,273,462	37
271	92,265					185,602	24,000	24,140	137,462		141,507	135,109	6,398	660,892	38
217	64,148	682	104,754	309	31,760	72,631	910	5,358	55,496	10,872	757,430	746,536	10,894	1,230,801	39
250	86,030			1	180	49,654	2,005	8,826	38,373	450	126,512	45,981	80,531	456,964	40
188	47,959			6	432	8,300		1,766	6,384	150	237,421	111,483	125,938	391,599	41
408	91,980			2	50	24,724	1,620	3,989	19,115		928,129	924,868	3,261	1,187,697	42
103	25,320					1,135		416	719		19,893	12,214	7,679	62,549	43
42	8,557					135,152	296	1,158	133,698		39,695	35,242	4,453	198,891	44
800	128,288					410,745		9,903	400,842		275,747	234,807	40,940	973,212	45
6	1,225					3,482	120	160	3,202		7,815	7,765	50	15,875	46
7	1,780	1	240	4	432	4,567	2,637	737	1,193		7,421	6,887	534	25,653	47
26	9,582					4,867	3,454	241	1,137	35	25,288	25,258	30	57,935	48
10,108	2,330,622	11	1,800	121	12,101	249,636	15,476	53,942	170,568	9,650	6,665,897	6,665,437	460	13,704,923	49
2,139	667,145	1	500	31	4,598	102,159	13,144	19,040	64,975	5,000	2,280,495	2,268,654	11,841	4,302,976	50
562	231,326			12	1,700	41,528	2,373	1,514	27,041	10,600	162,759	151,891	10,868	551,983	51
591	227,836					6,240	1,693	1,021	3,526		534,744	534,592	152	865,017	52
61	27,150	12	2,918	1	120	7,821	3,732	1,168	2,921		150,325	148,910	1,415	238,028	53
6	1,260	47	18,428	9	700	4,210	2,775	550	885		58,965	58,710	255	113,500	54
3	625	267	80,123	9	1,311	40,501	28,010	3,149	9,336	6	380,731	380,235	496	685,783	55
82	21,116			9	929	14,973	4,831	1,167	8,975		65,603	64,985	618	196,599	56
303	124,536					11,312	5,281	2,078	3,753	200	203,907	202,245	1,662	487,722	57
1,581	352,875	1	115	9	1,027	312,986	100	28,727	282,959	1,200	6,229,436	6,106,840	122,596	8,664,112	58
11	8,200	1	600			4,425	2,100	185	2,140		22,205	22,090	115	58,500	59
177	66,011			5	375	6,266	3,922	655	1,689		72,456	72,373	83	195,920	60
19	8,704	1	600	3	540	10,905	2,720	1,360	6,825		112,474	111,522	952	182,279	61
23	8,540					4,388	2,610	468	510	800	39,892	39,880	12	71,475	62
87	27,156	87	16,654	4	530	281,676	5,866	13,604	262,706		487,037	484,998	2,039	1,150,802	63
40	16,535					715	450	90	175		16,539	16,185	354	53,607	64
27	10,684	16	8,479	6	589	13,625	10,060	1,435	2,000	130	33,595	33,374	221	120,978	65
420	161,038			8	312	20,713	12,611	3,164	4,938		417,125	414,943	2,182	774,326	66
279	66,156	1	75	5	564	15,587	361	2,051	13,150	25	42,273	17,275	24,998	206,322	67
583	207,693	198	30,594	30	3,458	46,248	19,230	5,408	18,421	3,189	242,669	234,074	8,595	693,726	68
774	406,365	110	27,190	166	17,323	243,417	23,483	13,364	167,669	38,901	370,920	349,288	21,632	1,687,049	69
14	8,250					2,690	100	1,306	1,284		161,070	159,535	1,535	181,804	70
87	33,507					10,015	2,504	599	4,912	2,000	123,362	122,600	762	213,623	71
540	126,187	16	2,490	95	13,223	35,591	12,882	3,476	18,667	566	820,062	815,745	4,317	1,249,885	72
2	400					366	336	30			805	805		3,000	73
19	5,156					680	10	25	300	345	12,650	12,650		23,500	74
97	30,800			1	250	10,745	860	1,360	8,525		456,355	453,955	2,400	557,831	75
5	1,315	1	75			489	60	29	400		27,340	27,340		33,396	76

TABLE 7.—MANUFACTURES BY

	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.
77	Sugar and molasses, refining	9	$32,805	$20	$40	$11,330	$21,505	12	4	$3,044	20	$4,502
78	Tinsmithing, coppersmithing, and sheet-iron working.	52	458,039	50,950	38,930	50,545	317,614	56	30	23,500	303	103,114
79	Tobacco, cigars and cigarettes	34	55,673	6,170	3,110	2,915	43,478	36	7	2,795	106	35,438
80	Trunks and valises	7	45,879			2,859	43,020	7	14	12,930	92	32,680
81	Turpentine and rosin	524	3,785,432	1,406,829	355,120	559,992	1,373,491	315	703	320,265	19,199	3,772,848
82	Typewriter repairing	3	31,163			2,000	29,163	1	8	2,300	14	9,930
83	Vinegar and cider	3	17,335		200	1,935	15,200	4	4	5,200	12	3,100
84	Watch, clock, and jewelry repairing	123	98,605	7,200	16,175	35,640	39,650	134	4	836	66	34,972
85	Wood, turned and carved	6	17,030	2,090	2,625	10,375	1,940	8			43	7,425
86	Woolen goods	14	455,114	32,005	61,895	198,185	162,969	1	13	16,936	561	97,159
87	All other industries[1]	65	3,307,564	168,830	402,307	1,111,042	1,624,885	52	195	205,548	2,649	571,986

[1] Embraces bags, paper, 2; belting and hose, leather, 1; bottling, 1; brass castings and brass finishing, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 2; coke, 2; cordage and twine, 1; cotton small wares, 1; cotton waste, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 1; electroplating, 1; engraving, steel, including plate printing, 2; fancy articles, not elsewhere specified, 1; food preparations, 1; furnishing goods, men's, 2; gas machines and meters, 1; glass, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hand stamps, 2; hats and caps, not including fur hats and wool hats, 2; house furnishing goods, not elsewhere specified, 1;

TABLE 8.—MANUFACTURES IN CITIES

ATLANTA.

1	All industries	390	$16,045,156	$1,216,811	$1,692,831	$6,740,771	$6,394,743	386	780	$851,801	9,356	$3,103,989
2	Bicycle and tricycle repairing	8	6,020			3,520	2,500	8	6	3,886	18	5,132
3	Blacksmithing and wheelwrighting	25	20,855	10,500	1,100	4,788	4,467	31			57	21,936
4	Boots and shoes, custom work and repairing.	48	5,893		50	1,704	4,139	49			38	12,591
5	Boxes, fancy and paper	3	72,017	5,000		22,964	44,053	4	12	13,576	123	29,125
6	Bread and other bakery products	13	79,900	9,100	16,600	20,650	33,550	13	9	9,554	96	28,711
7	Carpentering	10	71,843			9,825	62,018	16			317	121,604
8	Carriages and wagons	6	52,525	6,000	7,000	4,025	35,500	7	7	4,900	82	31,300
9	Clothing, men's, custom work and repairing.	11	17,410			1,310	16,100	18	3	4,200	51	30,416
10	Clothing, men's, factory product	7	226,105			37,500	188,605	16	11	12,790	801	156,398
11	Confectionery	6	334,250			39,250	295,000	9	38	34,123	259	63,502
12	Cotton goods	3	3,461,373	161,655	641,152	1,601,984	1,056,582		33	61,105	1,776	417,246
13	Dyeing and cleaning	6	7,720	1,000	4,000	1,480	1,240	7			22	6,420
14	Electrical construction and repairs	4	42,000	3,000		14,500	24,500	2	7	7,300	49	21,190
15	Fertilizers	3	672,482	21,000	116,000	60,000	475,482		14	30,402	145	38,721
16	Foundry and machine shop products	17	1,193,756	125,000	100,800	195,178	772,778	10	59	73,450	602	265,832
17	Furniture, cabinetmaking, repairing, and upholstering	3	5,075			1,200	3,875	4			5	8,216
18	Furniture, factory product	5	731,685	145,000	70,000	88,900	477,785	1	31	45,460	533	173,550
19	Ice, manufactured	4	227,238	10,500	17,138	186,600	13,000		8	10,100	32	14,946
20	Lock and gun smithing	7	7,165	2,500	1,000	3,505	160	8			4	1,070
21	Lumber, planing mill products, including sash, doors, and blinds.	6	397,700	103,000	58,000	80,700	156,000	3	44	56,140	521	186,400
22	Millinery and lace goods	3	18,200			3,500	14,700	4	16	8,690	62	20,388
23	Millinery, custom work	6	22,281	500	2,000	630	19,151	4	14	4,500	45	13,171
24	Mineral and soda waters	4	52,175			16,700	35,475	1	18	10,090	13	3,470
25	Monuments and tombstones	7	24,750			4,325	20,425	6	1	1,200	78	31,728
26	Painting, house, sign, etc	6	9,265			1,280	7,985	7			9	12,540
27	Paints	5	101,300	4,000	4,500	11,500	81,300	3	12	9,170	28	9,844
28	Paper hanging	4	21,575			875	20,700	5	6	4,640	17	6,200
29	Patent medicines and compounds	10	429,935	27,755	73,268	23,400	305,511	8	27	25,343	128	32,376
30	Photography	3	5,075			3,800	1,275	3			9	2,172
31	Plumbing, and gas and steam fitting	14	53,180			5,880	47,300	15	8	6,200	135	49,320
32	Printing and publishing, book and job.	17	365,085	25,000	10,000	248,050	82,035	19	31	28,160	409	150,562
33	Printing and publishing, newspapers and periodicals.	16	984,845	60,000	66,000	762,257	96,588	11	68	87,165	160	124,986
34	Saddlery and harness	9	31,670			3,800	27,870	10			28	10,778
35	Tinsmithing, coppersmithing, and sheet-iron working.	8	311,289	20,000	30,000	33,685	227,604	8	27	21,900	179	41,649
36	Tobacco, cigars and cigarettes	10	17,753			1,060	16,693	12	4	1,415	38	13,946
37	Typewriter repairing	3	31,163			2,000	29,163	1	8	2,300	14	9,930
38	Watch, clock, and jewelry repairing	9	4,270			2,250	2,020	11			4	2,200
39	All other industries[1]	61	5,878,333	476,300	474,223	3,236,196	1,691,614	52	263	274,042	2,484	919,523

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bags, paper, 2; belting and hose, leather, 1; boots and shoes, factory product, 1; boxes, wooden packing, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 2; clothing, women's, dressmaking, 1; coffins, burial cases, and undertakers' goods, 2; cotton, compressing, 1; electroplating, 1; engraving, steel, including plate printing, 2; flouring and grist mill products, 1; fruits and vegetables, canning and preserving, 1; furnishing goods, men's, 1; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; hand stamps, 2; hats and caps, not including fur hats and wool hats, 2; hosiery and knit goods, 2; ironwork, architectural and ornamental, 1; leather goods, 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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
19	$4,310	1	$192			$2,315	$1,430	$283	$602		$74,631	$73,797	$834	$106,700	77
276	99,140			27	$3,974	14,801	6,787	3,736	4,278		571,553	568,834	2,719	796,430	78
87	32,033	10	2,692	9	713	19,839	3,833	821	15,185		51,418	51,270	148	125,058	79
87	32,100			5	480	15,303	7,340	488	7,475		92,615	91,910	705	189,316	80
19,028	8,754,972	49	5,303	122	12,573	178,774	1,998	26,714	86,681	$63,381	2,292,665	2,267,532	25,133	8,110,468	81
11	9,030	3	900			14,608	1,548	10	12,050	1,000	41,155	41,155		84,200	82
12	3,100					1,857	1,200	7	650		14,910	14,910		72,665	83
61	34,237			5	735	19,897	15,121	1,332	2,964	480	34,043	33,393	650	163,433	84
40	7,050			3	375	1,851	5	139	1,707		8,760	8,560	200	25,200	85
284	55,013	189	31,720	88	10,426	22,430		3,012	18,455	963	280,295	273,948	6,347	491,001	86
1,492	433,344	955	112,842	202	25,800	211,928	23,385	21,120	160,080	7,343	2,688,543	2,646,066	42,477	4,158,375	87

ironwork, architectural and ornamental, 2; kaolin and other earth grinding, 1; leather goods, 1; oil, not elsewhere specified, 1; oysters, canning and preserving, 1; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; photographic materials, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; printing materials, 1; refrigerators, 1; saws, 1; scales and balances, 1; shirts, 2; shoddy, 1; show cases, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stencils and brands, 2; stereotyping and electrotyping, 2; surgical appliances, 1; tobacco, stemming and rehandling, 1; typewriters and supplies, 1; umbrellas and canes, 2; wirework, including wire rope and cable, 1.

BY SPECIFIED INDUSTRIES: 1900.

ATLANTA.

6,442	$2,572,230	2,129	$424,777	785	$106,982	$1,352,444	$149,904	$92,766	$1,055,778	$53,996	$8,563,524	$8,400,347	$163,177	$16,707,027	1
16	4,952			2	180	2,352	1,934	93	325		7,999	7,416	583	23,700	2
56	21,840			1	96	5,648	4,312	252	1,084		19,401	18,270	1,131	64,225	3
38	12,591					6,876	6,335	107	434		15,638	15,320	318	57,467	4
30	13,145	83	14,980	10	1,000	5,654	2,320	400	2,934		26,310	25,630	680	122,125	5
70	25,544	15	2,080	11	1,087	12,183	4,101	652	7,430		99,050	96,240	2,810	248,355	6
317	121,604					10,962	1,754	208	4,000	5,000	226,353	225,665	688	415,886	7
82	31,300					4,103	2,661	465	977		32,355	31,020	1,335	111,460	8
40	27,604	11	2,812			4,254	3,202	297	755		24,476	23,643	833	74,680	9
72	29,700	685	120,900	44	5,798	11,575	7,280	732	3,563		388,908	384,468	4,440	671,406	10
137	48,720	118	19,262	4	520	43,628	7,620	2,372	33,636		253,923	248,300	5,623	450,933	11
652	206,053	659	142,604	465	68,589	150,150		15,125	132,525	2,500	1,156,178	1,119,250	36,928	1,938,228	12
20	5,980	2	440			1,669	1,390	38	241		2,663	2,317	346	17,400	13
48	21,040			1	150	5,467	3,320	190	1,407	550	54,284	53,894	390	108,210	14
145	38,721					37,831		5,665	32,166		243,080	237,095	5,985	358,300	15
595	284,492	1	300	6	1,040	65,227	4,430	7,342	49,755	3,700	443,949	430,880	13,069	1,028,736	16
5	3,216					381	252	14	115		3,720	3,665	55	11,750	17
508	170,000			25	3,550	73,870	6,465	1,600	65,805		277,200	275,450	1,750	703,500	18
32	14,946					13,903	1,160	1,319	11,424		30,203	9,271	20,932	104,913	19
3	830	1	240			2,940	1,308	577	1,055		2,184	1,827	357	9,880	20
521	186,400					26,116	2,280	4,496	17,340	2,000	740,456	740,456		1,187,434	21
6	1,260	47	18,428	9	700	4,210	2,775	550	885		58,965	58,710	255	113,500	22
		43	12,871	2	800	6,042	5,260	227	555		59,748	59,713	35	104,608	23
12	3,370			1	100	8,866	2,402	121	6,343		28,407	28,087	320	86,073	24
73	31,728					2,441	1,626	250	565		41,136	40,695	441	105,100	25
9	12,540					1,496	1,146	190	160		14,485	14,423	62	37,510	26
19	8,704	1	600	8	540	10,905	2,720	1,360	6,825		112,474	111,522	952	182,279	27
17	6,200					4,163	2,430	448	485	800	39,292	39,280	12	68,085	28
66	20,996	60	11,080	2	800	264,408	3,060	13,062	248,286		440,037	439,063	1,574	1,008,437	29
2	600	5	1,264	2	308	1,747	1,448	142	157		2,647	2,580	67	9,900	30
135	49,320					7,793	4,665	1,013	2,115		92,856	92,499	357	201,986	31
280	125,164	107	22,716	22	2,682	26,613	10,049	2,164	11,245	3,155	143,149	138,475	4,674	405,964	32
145	120,703	13	4,122	2	161	141,818	4,785	4,818	99,005	33,710	146,994	139,865	7,129	636,730	33
22	10,678			1	100	5,922	4,456	615	851		29,711	29,624	87	73,546	34
153	37,675			26	3,874	7,345	2,140	2,657	2,548		397,718	396,412	1,306	504,360	35
32	12,876	4	830	2	240	6,762	1,391	214	5,157		26,330	26,215	115	50,832	36
11	9,030	3	900			14,608	1,548	10	12,050	1,000	41,155	41,155		84,200	37
4	2,200					3,031	2,118	29	404	480	1,931	1,891	40	13,500	38
2,069	855,508	271	48,348	144	15,667	349,485	33,761	23,452	291,171	1,101	2,837,559	2,790,061	47,498	5,361,829	39

leather, tanned, curried, and finished, 1; liquors, distilled, 1; liquors, malt, 1; looking-glass and picture frames, 1; marble and stone work, 1; masonry, brick and stone, 2; mattresses and spring beds, 2; optical goods, 1; paper goods, not elsewhere specified, 1; paving and paving materials, 1; photolithographing and photoengraving, 1; pickles, preserves, and sauces, 1; pottery, terra cotta, and fire-clay products, 2; roofing and roofing materials, 1; sewing machine repairing, 1; show cases, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stereotyping and electrotyping, 2; sugar and molasses, refining, 2; trunks and valises, 2; typewriters and supplies, 1; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

AUGUSTA.

	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	383	$8,990,989	$903,439	$1,904,576	$3,290,809	$2,892,165	374	262	$277,556	7,092	$1,896,654
2	Bicycle and tricycle repairing	9	12,160	400	150	2,500	9,110	8	3	1,000	15	6,150
3	Blacksmithing and wheelwrighting	25	12,865	5,850	2,850	2,330	1,835	25	1	750	42	13,748
4	Boots and shoes, custom work and repairing.	16	1,925			675	1,250	17			11	3,100
5	Bread and other bakery products	7	38,175	10,200	23,600	2,150	2,225	7	1	600	30	9,350
6	Carpentering	36	35,280	7,500	14,300	5,340	8,140	36	3	3,100	262	105,561
7	Carriages and wagons	5	77,150	6,000	10,000	7,475	53,675	7			48	17,024
8	Clothing, men's, custom work and repairing.	18	63,160	10,000	20,000	8,325	29,835	21	9	11,500	88	38,016
9	Clothing, women's, dressmaking	67	33,560	9,150	17,950	4,615	1,785	67			105	19,929
10	Confectionery	7	40,890	13,400	17,500	3,425	6,565	8	3	1,150	29	6,511
11	Cotton, compressing	3	5,500			5,300	200		17	13,252	225	32,873
12	Cotton goods	8	5,133,374	498,619	1,177,000	2,281,604	1,176,151		42	67,137	3,459	690,877
13	Dyeing and cleaning	5	6,300	2,000	3,000	875	425	5			10	2,925
14	Flouring and grist mill products	6	147,377	35,500	28,000	15,715	68,162	7	15	10,410	48	11,625
15	Furniture, cabinetmaking, repairing, and upholstering.	7	4,215			670	3,545	6			13	3,920
16	Ice, manufactured	3	131,000	9,000	22,000	96,000	4,000		8	8,340	37	6,900
17	Lock and gun smithing	3	1,800			900	900	4			4	600
18	Looking-glass and picture frames	3	2,375			225	2,150	3			3	960
19	Lumber, planing mill products, including sash, doors, and blinds.	4	279,850	37,000	37,000	81,200	124,650	3	34	33,400	255	92,000
20	Masonry, brick and stone	17	52,525	7,350	12,550	4,050	27,975	18	2	2,000	286	108,610
21	Mattresses and spring beds	4	1,360	200	300	280	580	4			7	1,788
22	Millinery, custom work	13	17,750	1,000	3,000	700	13,050	13	2	600	42	10,635
23	Monuments and tombstones	3	8,800	50	250	2,500	6,000	4	2	1,200	46	18,700
24	Painting, house, sign, etc	24	10,495	2,500	3,900	2,045	1,960	25			78	24,[illegible]
25	Photography	5	4,500			3,000	1,500	7			7	2,760
26	Plumbing, and gas and steam fitting	8	78,300	6,000	10,000	3,850	58,450	10	10	6,598	93	36,752
27	Printing and publishing, book and job	6	82,500			67,500	15,000	8	2	2,560	212	25,437
28	Printing and publishing, newspapers and periodicals.	5	152,450	20,500	35,500	65,950	30,500	4	10	11,061	108	58,552
29	Roofing and roofing materials	5	42,860	10,000	18,000	5,425	9,435	5			35	16,600
30	Saddlery and harness	3	1,470			115	1,355	3			8	1,095
31	Tinsmithing, coppersmithing, and sheet-iron working.	5	6,485			1,375	5,110	5			12	4,080
32	Tobacco, cigars and cigarettes	5	5,430	2,750	200	375	2,105	5	1	600	9	2,175
33	Watch, clock, and jewelry repairing	14	18,720	3,000	7,000	2,910	5,810	15			11	6,[illegible]
34	All other industries[1]	34	2,480,538	205,470	440,526	615,810	1,218,732	24	97	102,295	1,454	426,[illegible]

[1] Embraces awnings, tents, and sails, 2; 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, 2; clothing, men's, factory product, 1; cotton, ginning, 1; cotton waste, 1; druggists' preparations, not including prescriptions, 1; electrical apparatus and supplies, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; foundry and machine shop products, 2; gas, illumi-

MACON.

1	*All industries*	*182*	*$5,076,005*	*$307,716*	*$823,563*	*$1,605,206*	*$2,339,520*	*173*	*263*	*$272,128*	*3,700*	*$1,017,957*
2	Bicycle and tricycle repairing	5	4,152			2,302	1,850	6			7	1,[illegible]
3	Blacksmithing and wheelwrighting	12	9,511	1,600	3,529	1,335	3,047	13			17	5,[illegible]
4	Boots and shoes, custom work and repairing.	13	1,744			1,131	613	12			16	5,[illegible]
5	Bread and other bakery products	5	47,550	15,000	23,500	1,425	7,625	7	5	1,758	12	5,[illegible]
6	Carpentering	8	4,650			1,150	3,500	3			51	9,[illegible]
7	Carriages and wagons	7	29,600	6,000	2,000	4,250	17,350	9	3	1,840	52	17,[illegible]
8	Cars and general shop construction and repairs by steam railroad companies.	4	189,081	23,100	83,100	55,600	27,881		17	18,540	572	265,[illegible]
9	Clothing, men's, custom work and repairing.	11	31,577			1,432	30,145	13	7	3,450	30	14,[illegible]
10	Clothing, women's, dressmaking	7	2,175			925	1,250	5	2	710	66	10,[illegible]
11	Confectionery	4	58,400			4,000	54,400	2	19	20,150	63	17,[illegible]
12	Cotton goods	3	1,270,213	55,500	207,178	527,121	480,414		26	47,316	920	190,[illegible]
13	Dyeing and cleaning	3	1,464	500	200	385	379	4			15	2,[illegible]
14	Foundry and machine shop products	3	257,795	30,000	35,000	23,000	169,795		13	18,420	167	65,[illegible]
15	Furniture, cabinetmaking, repairing, and upholstering.	8	2,225		125	1,190	910	8			8	3,[illegible]
16	Lumber, planing mill products, including sash, doors, and blinds.	5	262,413	26,500	31,000	58,786	146,127	5	17	13,270	202	49,[illegible]
17	Millinery, custom work	8	17,240			840	16,400	9	7	4,280	29	8,[illegible]
18	Painting, house, sign, etc	3	2,450			400	2,050	3			12	5,270
19	Photography	4	7,500	1,200	600	4,400	1,300	5				
20	Plumbing, and gas and steam fitting	6	30,142			3,400	26,742	6	4	2,400	74	22,100
21	Printing and publishing, book and job	6	32,225			16,700	15,525	6	4	2,400	35	11,[illegible]

BY SPECIFIED INDUSTRIES: 1900—Continued.

AUGUSTA.

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
4,341	$1,358,885	2,081	$382,634	670	$70,135	$617,178	$61,152	$117,213	$433,713	$5,100	$6,234,176	$6,098,234	$135,942	$10,041,900	1
15	6,150					1,664	1,172	186	306		12,173	11,969	204	26,475	2
41	13,676			1	72	2,490	1,741	239	510		12,492	11,738	754	46,800	3
11	3,100					1,679	1,317	66	296		4,550	4,550		14,881	4
30	9,350					2,045	1,030	375	640		31,377	30,465	912	61,585	5
262	105,561					4,233	2,282	735	1,116	100	183,561	183,551	10	360,825	6
47	16,880			1	144	3,197	782	1,280	1,135		20,677	19,895	782	50,505	7
68	32,440	18	5,360	2	216	9,952	3,543	707	5,702		53,878	53,803	75	135,825	8
		101	19,644	4	285	5,212	4,437	401	374		87,525	87,475	50	150,010	9
27	6,094	2	417			1,750	1,060	448	242		24,663	24,264	399	46,250	10
225	32,873					21,170	15,000	1,219	4,951		9,045	4,480	4,565	86,548	11
1,344	327,919	1,514	301,337	601	61,621	220,902		71,988	148,914	5,000	2,089,563	2,027,226	62,337	3,429,348	12
7	2,200	3	725			1,555	750	155	650		1,405	1,375	30	7,350	13
47	11,560			1	65	10,426	450	2,244	7,782		671,435	670,295	1,140	739,781	14
10	3,520			3	400	756	696	60			2,632	2,632		11,200	15
37	6,900					9,000		2,400	6,600		17,800	5,300	12,500	58,000	16
2	400			2	200	565	470	40	55		1,345	1,320	25	3,250	17
3	960					822	780	30	12		3,600	3,600		6,925	18
240	89,500			15	2,500	13,697	450	2,822	10,425		198,340	196,990	1,350	373,120	19
286	108,610					1,828	538	729	561		151,826	151,826		300,573	20
4	1,350	3	888			440	360	25	55		5,185	5,185		12,300	21
		39	10,315	3	340	6,438	5,620	306	512		57,150	57,150		94,550	22
46	13,700					1,590	840	425	325		18,130	17,960	170	48,300	23
77	24,390			1	75	1,907	1,437	296	174		17,375	17,375		59,950	24
3	1,400	4	1,300			1,497	1,370	110	17		2,990	2,990		12,216	25
91	36,540			2	212	3,031	1,845	898	788		148,915	148,765	150	286,952	26
151	23,407	61	2,020			3,595	1,960	1,035	600		19,186	18,345	841	70,132	27
81	51,970	21	5,800	6	762	19,611	960	1,820	16,831		34,875	31,780	3,095	140,300	28
35	16,600					1,929	684	335	910		39,582	39,362	220	69,166	29
4	850			4	246	506	486	20			1,695	1,695		4,975	30
12	4,080					985	690	55	240		5,780	5,771	9	14,325	31
7	2,066			2	112	1,627	156	58	1,413		4,049	4,049		11,610	32
7	6,000			4	650	2,904	2,379	165	360		5,273	5,273		23,400	33
1,121	388,839	815	35,328	18	2,235	258,175	6,367	25,541	226,267		2,296,104	2,249,780	46,324	3,334,473	34

nating and heating, 1; liquors, distilled, 1; liquors, malt, 1; marble and stone work, 1; mineral and soda waters, 1; oil, cottonseed and cake, 2; optical goods, 2; patent medicines and compounds, 1; sewing machine repairing, 1; shirts, 1; stencils and brands, 1; trunks and valises, 1; vinegar and cider, 1.

MACON.

2,762	$893,430	669	$114,249	269	$39,758	$445,078	$37,433	$39,092	$341,738	$26,815	$3,741,167	$3,652,863	$88,304	$6,495,767	1
5	1,750			2	150	1,221	902	117	202		725	558	167	6,500	2
17	5,456					1,555	1,353	72	130		4,660	4,397	263	20,811	3
15	5,099			1	54	979	878	19	82		4,409	4,388	21	15,373	4
12	5,056					2,455	660	835	960		18,130	17,545	585	35,872	5
54	9,500					704	384		320		34,450	34,450		52,322	6
52	17,106					2,314	1,092	352	870		35,918	35,087	831	81,558	7
572	265,164					9,185		3,012	4,999	1,174	202,475	198,816	3,659	495,364	8
29	13,906	1	560			4,065	2,080	125	1,860		17,780	17,487	293	43,770	9
		66	10,192			533	422	30	81		3,492	3,432	60	16,734	10
81	12,770	24	3,458	8	1,092	10,059	3,100	1,173	5,786		131,425	129,235	2,190	179,500	11
443	104,627	307	57,629	170	28,157	65,831		10,220	38,918	16,693	819,829	803,130	16,699	1,237,125	12
15	2,422					448	390	13	45		456	277	179	5,550	13
167	65,000					7,633	600	1,728	5,305		183,358	178,208	5,150	289,173	14
8	3,240					805	647	31	127		2,260	2,260		9,900	15
193	49,247			4	600	11,595	1,760	2,743	6,092	1,000	165,827	165,427	400	302,703	16
1	325	27	8,020	1	260	6,721	4,122	337	2,262		42,735	42,735		76,300	17
12	5,270					249	224		25		3,006	3,005	1	15,100	18
						1,231	960	108	163		3,698	3,698		8,700	19
73	22,000			1	100	2,540	1,837	193	510		51,924	51,449	475	95,400	20
81	10,855	4	668			3,967	2,220	643	1,104		14,535	13,501	1,034	43,350	21

TABLE 8.—MANUFACTURES IN CITIES

MACON—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.
22	Printing and publishing, newspapers and periodicals.	4	$44,100			$28,500	$15,600	1	26	$19,376	60	$28,534
23	Saddlery and harness	6	93,159	$1,500	$2,000	7,459	82,200	9	11	6,280	70	21,139
24	Tinsmithing, coppersmithing, and sheet-iron working.	3	3,450			1,100	2,350	3			7	3,037
25	Watch, clock, and jewelry repairing	8	4,080			1,625	2,455	8			15	7,230
26	All other industries [1]	41	2,668,509	146,816	485,331	856,750	1,229,612	86	102	111,948	1,197	277,764

[1] Embraces agricultural implements, 1; brick and tile, 2; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; cooperage, 2; cotton, compressing, 1; druggists' preparations, not including prescriptions, 1; fertilizers, 1; flouring and grist mill products, 1; furniture, factory product, 2; gas, illuminating and heating, 1; hosiery and knit goods, 1; ice, manufactured, 1; liquors, malt, 1; looking-glass and picture

SAVANNAH.

1	All industries	155	$5,716,491	$566,850	$928,194	$1,368,899	$2,853,048	157	220	$231,877	2,870	$1,176,150
2	Bicycle and tricycle repairing	4	5,700			3,100	2,600	4			17	5,110
3	Blacksmithing and wheelwrighting	18	35,090	8,500	4,850	7,390	14,350	19			64	25,115
4	Boots and shoes, custom work and repairing.	3	2,885			2,025	860	3	1	600	17	6,260
5	Bread and other bakery products	16	38,525	8,000	6,500	10,925	13,100	16	2	720	49	27,154
6	Carriages and wagons	3	37,600	14,500	8,000	5,300	9,800	3	1	1,500	32	15,276
7	Cars and general shop construction and repairs by steam railroad companies.	3	326,489	30,050	99,000	81,200	116,239		19	21,858	721	395,450
8	Clothing, men's, custom work and repairing.	3	9,400			400	9,000	3			26	17,300
9	Confectionery	4	23,695			5,057	18,638	3	10	5,540	43	17,053
10	Fertilizers	3	1,392,954	9,500	171,000	54,000	1,158,454	3	9	26,023	285	67,332
11	Foundry and machine shop products	6	276,282	50,000	88,400	60,250	77,632	11	8	11,050	230	98,385
12	Furniture, cabinetmaking, repairing, and upholstering.	4	8,900	2,400	4,600	500	1,400	4			5	2,130
13	Lumber, planing mill products, including sash, doors, and blinds.	4	204,341		27,225	71,500	105,616	6	10	7,900	123	43,560
14	Mineral and soda waters	3	14,200			9,800	4,400	1	6	6,020	26	7,725
15	Patent medicines and compounds	3	31,000	2,000	4,000	1,000	24,000	1	2	1,700	21	5,016
16	Photography	4	8,050			4,100	3,950	5			12	4,909
17	Plumbing, and gas and steam fitting	10	58,600	7,000	8,500	2,900	40,200	12	3	2,240	57	29,618
18	Printing and publishing, book and job	5	72,320			38,943	33,377	7	3	3,696	75	32,961
19	Printing and publishing, newspapers and periodicals.	4	175,800	20,000	30,000	92,500	33,300	1	47	33,420	157	82,672
20	Saddlery and harness	3	9,137			2,575	6,562	3	1	1,000	13	4,909
21	Tinsmithing, coppersmithing, and sheet-iron working.	5	107,600	27,600	6,000	3,900	70,100	7			49	30,387
22	Tobacco, cigars and cigarettes	7	7,505			700	6,805	7			14	5,317
23	Trunks and valises	3	4,950			250	4,700	3			11	4,100
24	Watch, clock, and jewelry repairing	11	7,700			3,950	3,750	14			7	6,540
25	All other industries [1]	26	2,857,768	387,300	470,119	906,184	1,094,215	21	98	108,110	866	241,871

[1] Embraces baking and yeast powders, 2; brass castings and brass finishing, 1; brooms and brushes, 1; carpentering, 1; cooperage, 1; cotton, compressing, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; gas, illuminating and heating, 1; ice, manufactured, 2; liquors, malt, 2; lock and gunsmithing, 1; looking-

TABLE 9.—MANUFACTURES IN CITIES AND

1	Totals for cities and towns	606	$14,160,514	$812,721	$2,092,923	$4,879,595	$6,375,275	642	521	$471,469	12,457	$3,104,716
2	Americus	47	393,736	13,710	53,950	202,625	123,451	48	31	25,320	544	202,533
3	Athens	69	801,744	43,650	86,586	281,877	389,631	71	37	21,631	844	175,183
4	Barnesville	16	528,408	18,575	66,900	171,715	271,218	15	23	21,570	572	117,703
5	Brunswick	78	423,826	49,400	70,602	155,440	148,384	76	18	16,540	550	247,516
6	Cartersville	26	93,908	8,450	12,750	46,940	25,768	28	8	3,450	75	15,827
7	Columbus	134	5,687,392	331,948	835,243	1,760,967	2,759,234	150	196	192,655	4,810	1,209,860
8	Dalton	28	734,234	17,460	110,815	337,432	268,527	38	26	17,205	752	127,750
9	Gainesville	37	282,712	24,400	36,300	103,645	118,367	48	19	14,350	500	120,097
10	Griffin	29	1,407,562	20,775	243,625	632,853	510,309	28	28	27,969	1,021	229,790
11	La Grange	24	956,899	21,400	131,544	467,505	336,450	22	11	11,150	709	131,684
12	Marietta	32	697,254	55,750	99,167	183,977	358,360	33	40	34,719	680	179,457
13	Newnan	27	824,721	33,557	114,800	178,654	497,710	27	29	25,056	456	102,567
14	Rome	64	1,328,118	173,646	230,641	355,965	567,866	58	55	59,854	944	248,249

BY SPECIFIED INDUSTRIES: 1900—Continued.

MACON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
58	$28,144	1	$260	1	$130	$6,772	$1,480	$940	$3,952	$400	$14,765	$12,661	$2,104	$30,170	22
58	19,845	2	254	10	1,040	6,516	2,400	550	3,566	------	117,708	117,693	15	160,150	23
7	3,037	------	------	------	------	522	432	25	65	------	5,213	5,174	39	11,659	24
15	7,230	------	------	------	------	952	856	41	55	------	3,796	3,755	41	17,450	25
889	236,381	237	33,208	71	8,175	296,226	8,634	15,785	264,269	7,548	1,858,593	1,804,495	54,098	3,189,233	26

frames, 2; lumber and timber products, 1; masonry, brick and stone, 1; mineral and soda waters, 2; monuments and tombstones, 2; oil, cottonseed and cake, 2; paper hanging, 1; patent medicines and compounds, 1; paving and paving materials, 1; refrigerators, 1; roofing and roofing materials, 1; sewing machine repairing, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; tobacco, cigars and cigarettes, 2; umbrellas and canes, 1; vinegar and cider, 1.

SAVANNAH.

2,782	$1,157,417	85	$18,267	8	$466	$469,918	$65,208	$50,681	$352,229	$1,800	$3,915,884	$3,822,410	$93,474	$6,461,816	1
17	5,110	------	------	------	------	1,881	1,436	177	218	------	1,784	1,600	184	11,400	2
64	25,115	------	------	------	------	4,520	3,242	632	646	------	22,392	21,423	969	78,720	3
16	6,010	1	250	------	------	896	759	72	65	------	7,027	6,895	132	16,600	4
47	26,674	2	480	------	------	4,734	2,820	926	988	------	90,461	88,989	1,472	156,065	5
32	15,276	------	------	------	------	1,206	396	420	390	------	14,762	14,475	287	45,480	6
721	395,450	------	------	------	------	9,499	------	7,157	2,342	------	300,713	299,596	1,117	727,520	7
24	16,800	2	500	------	------	3,258	2,880	235	143	------	22,935	22,900	35	53,080	8
27	14,635	16	2,418	------	------	3,837	2,508	254	1,075	------	87,111	86,386	725	185,756	9
235	67,332	------	------	------	------	88,426	1,185	6,690	80,551	------	413,111	399,129	13,982	615,539	10
230	98,385	------	------	------	------	12,523	1,050	5,178	6,300	------	89,786	88,361	6,425	275,738	11
5	2,130	------	------	------	------	638	300	201	137	------	3,024	3,024	------	9,854	12
122	43,060	1	500	------	------	10,398	2,020	1,356	7,022	------	145,057	144,707	350	227,372	13
26	7,725	------	------	------	------	2,158	748	288	1,122	------	7,858	7,808	50	31,700	14
6	1,776	15	3,240	------	------	9,050	990	210	7,850	------	25,926	25,926	------	74,500	15
8	4,125	3	700	1	84	2,842	2,170	227	445	------	6,185	6,185	------	20,425	16
57	29,618	------	------	------	------	2,728	1,740	537	446	------	70,086	69,511	575	133,614	17
59	29,234	16	3,727	------	------	6,896	2,690	622	3,584	------	84,800	83,740	1,060	91,430	18
143	78,380	13	4,160	1	132	26,349	840	1,627	22,082	1,800	61,137	57,715	3,422	237,600	19
13	4,909	------	------	------	------	1,797	1,560	147	90	------	19,982	19,970	12	36,194	20
49	30,387	------	------	------	------	2,227	1,080	652	495	------	104,025	103,170	855	155,385	21
14	5,317	------	------	------	------	3,338	1,428	180	2,230	------	5,782	5,782	------	18,894	22
11	4,100	------	------	------	------	1,915	1,500	113	302	------	11,380	11,380	------	22,220	23
7	6,540	------	------	------	------	2,971	2,346	296	329	------	2,950	2,950	------	20,760	24
849	239,329	16	2,292	1	250	205,386	29,520	22,489	213,377	------	2,367,610	2,305,788	61,822	3,266,020	25

glass and picture frames, 1; lumber and timber products, 1; monuments and tombstones, 2; oil, cottonseed and cake, 1; oil, not elsewhere specified, 1; painting, house, sign, etc., 1; printing materials, 1; rice, cleaning and polishing, 1; stencils and brands, 1; turpentine and rosin, 1.

TOWNS UNDER 20,000 IN POPULATION: 1900.

7,849	$2,848,994	2,920	$594,459	1,688	$166,268	$833,077	$65,632	$110,491	$646,778	$10,176	$9,699,641	$9,377,870	$321,771	$16,886,345	1
524	199,435	14	2,470	6	628	27,356	4,646	5,064	17,646	------	313,395	299,460	13,935	664,706	2
466	128,307	280	36,300	148	10,576	42,080	6,038	6,093	29,119	180	553,201	536,445	16,756	950,234	3
262	82,018	195	26,519	115	9,166	23,162	580	4,340	18,242	------	596,399	587,169	9,230	1,024,949	4
534	244,292	6	1,970	10	1,254	39,144	12,095	6,479	13,200	7,370	551,817	541,411	10,406	1,171,378	5
59	14,125	8	975	8	727	5,266	1,848	1,035	2,467	416	54,151	51,635	2,516	115,941	6
2,777	786,220	1,591	365,921	442	48,219	409,280	17,735	42,306	348,779	460	3,530,786	3,448,653	82,133	6,031,699	7
302	72,949	224	35,828	226	18,973	23,239	1,998	6,203	18,338	1,700	981,967	969,020	12,947	1,365,159	8
392	112,082	45	7,525	63	6,490	17,991	4,225	2,888	10,928	------	448,693	435,953	12,740	687,129	9
522	146,776	263	55,358	236	27,656	44,981	1,012	8,978	34,946	50	561,874	540,717	21,157	1,079,133	10
324	74,125	174	33,745	211	23,814	38,405	1,906	5,413	31,086	------	459,966	443,939	16,027	783,867	11
588	170,533	24	4,055	68	4,869	37,974	3,433	4,062	30,479	------	385,439	373,041	12,398	762,688	12
360	89,505	49	8,240	47	4,822	43,451	1,595	6,510	35,346	------	403,963	394,315	9,648	679,189	13
739	223,627	97	15,553	108	9,069	75,798	8,421	11,175	56,202	------	857,990	756,112	101,878	1,570,278	14

TERRITORY OF HAWAII.

The Hawaiian Islands were acquired by the United States under the act of Congress approved July 7, 1898; and on June 14, 1900, they became a territory of the United States, with the name "Territory of Hawaii," in accordance with the provisions of the act of Congress approved April 30, 1900.

The islands composing the territory are situated in the Pacific Ocean about 2,100 miles west-southwest of San Francisco, Cal., between the nineteenth and twenty-third degrees of north latitude, and the one hundred and fifty-fifth and one hundred and sixtieth degrees of longitude, west from Greenwich. The group includes 8 inhabited islands with an area of approximately 6,449 square miles; the other islands are small and unimportant. The islands are volcanic in origin and are largely composed of barren, inaccessible mountains. The narrow strips of land extending from the bases of the mountains to the sea, and constituting but a small part of the total area, are almost the only habitable portions.

The manufacturing industries of the territory are confined to the four larger islands—Hawaii, Maui, Oahu, and Kauai—which comprise about 90 per cent of the territorial area, and had, at the census of 1900, a population of 151,325,[1] or 98.3 per cent of the total. The statistics presented can not be compared with earlier periods, for official statistics relating to manufacturing and mechanical industries in the islands were for the first time collected at the census of 1900.

Table 1 gives a summary of the statistics of manufacturing and mechanical industries of the Territory of Hawaii as returned at the census of 1900, and shows the average number of wage-earners employed in such industries in comparison with the total population of the territory.

[1] Including the island of Lanai, not separately returned, but which in 1896 was credited with a population of 105. See Report of the Census of Hawaii for 1896, page 16.

TABLE 1.—SUMMARY FOR 1900.

Number of establishments	395
Capital	$11,541,655
Salaried officials, clerks, etc., number	574
Salaries	$522,564
Wage-earners, average number	4,587
Total wages	$1,886,756
Men, 16 years and over	4,396
Wages	$1,856,336
Women, 16 years and over	151
Wages	$24,692
Children, under 16 years	40
Wages	$5,728
Miscellaneous expenses	$873,300
Cost of materials used	$12,848,668
Value of products, including custom work and repairing	$24,992,068
Total population	154,001
Wage-earners engaged in manufactures	4,587
Per cent of total population	3.0

Hawaii is an agricultural territory, but Table 1 reveals a considerable development of manufacturing and mechanical industries. In 1900 there were 395 establishments, with a capital of $11,541,655, and products valued at $24,992,068. The average number of wage-earners was 4,587, or 3 per cent of the population. 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 7,430, or 4.8 per cent of the total population of the territory.

Table 2 divides the industries of the territory between the hand trades and the manufactures proper. This table also presents the statistics for establishments with a product of less than $500.

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	468	$11,558,609	531	4,618	$1,889,406	$876,226	$12,856,138	$9,523,934	$3,108,662	$223,542	$25,014,036
Hand trades[1]	174	786,293	223	961	418,245	101,875	607,646	7,889	586,124	13,633	1,653,101
Establishments with a product of less than $500	73	16,954	73	31	2,650	2,926	7,475	619	6,856		21,968
All other establishments	221	10,755,362	235	3,626	1,468,511	771,425	12,241,017	9,515,426	2,515,682	209,909	23,338,967

[1] Includes bicycle and tricycle repairing, 2; blacksmithing and wheelwrighting, 20; boots and shoes, custom work and repairing, 14; carpentering, 17; clothing, men's, custom work and repairing, 80; clothing, women's, dressmaking, 6; furniture, cabinetmaking, repairing, and upholstering, 6; masonry, brick and stone, 3; millinery, custom work, 2; painting, house, sign, etc., 5; plumbing, and gas and steam fitting, 5; watch, clock, and jewelry repairing, 14.

Of the 468 establishments of all classes, shown in this table, 247, or 52.8 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 $1,675,069, or only 6.7 per cent of the total value of the products of the territory.

In addition to the 468 active establishments in the territory during the census year, with a capital of $11,558,609, shown in Table 2, there were 4 idle establishments, all in the sugar industry, with a capital of $617,834.

The industrial position of Hawaii is unique in that most of the manufacturing and mechanical industries are maintained for supplying local demands. The exceptions are the sugar industry, coffee cleaning, and rice cleaning and polishing; and the production of rice and coffee is only slightly in excess of local requirements. High grades of brown sugar are produced, almost all of which is shipped to the United States. No molasses is made, as the percentage of sugar extracted is so high as to render the residuum valueless for any purpose except that of a fertilizer, and no sugar is refined. Upon the sugar industry all other industries are dependent, and the prosperity of the islands increases or diminishes as this thrives or languishes.

Lack of labor is a serious obstacle to the complete development of Hawaiian industries, although wages, both of skilled and unskilled employees, in many occupations are, as a rule, higher than those paid elsewhere, and continuous employment is afforded. There are practically no unemployed.

The United States Department of Labor conducted an investigation of labor conditions in the territory during the winter of 1900–1901, and has furnished the Census Office with the following table from its forthcoming report to Congress upon the subject, showing the average rates of wages paid per day in various occupations, both in the city of Honolulu and in suburban sugar-producing establishments. It is to be noted that all employees of sugar-producing establishments are supplied with dwelling houses and fuel in addition to their wages.

OCCUPATIONS.	AVERAGE RATE OF WAGES PER DAY.				
	In suburban sugar-producing establishments.	In urban industries.			
		Railroad shops.	Planing mills.	Foundry and machine shops.	Building trades.
Blacksmiths	$3.00½	$3.20½		$4.48½	
Boiler makers	4.16	4.50		4.50	
Bricklayers	6.93				$5.77½
Carpenters				3.65	3.59½
Carvers, stone					6.50
Chippers				2.50	
Coppersmiths				3.00	
Cornice makers					4.00
Machinists	3.82½	3.48½		3.95	
Machine hands			$1.25		
Masons, stone					3.42½
Molders		4.00		4.09½	
Painters, house					2.72½
Pattern makers		4.50		3.56½	
Planer hands			4.50		
Plasterers					5.30
Plumbers					5.00
Sticker hands			5.00		
Structural iron workers				3.87½	
Sugar boilers	5.17½				
Tinners					2.75
Turners			4.00		
Wheelwrights	4.00				

While it is not the province of this bulletin to discuss the agricultural features of the territory, it is necessary to refer to them in order to convey a clear understanding of the general industrial situation and, particularly, the prevailing labor conditions. The profitable production of sugar, upon which the industrial prosperity of the territory is founded, is dependent upon the extent of the successful production of sugar-cane. The labor employed in this, the agricultural, branch of the sugar industry is almost wholly Mongolian.

The annexation of the Hawaiian Islands brought them within the scope of the United States laws prohibiting the immigration of Chinese and the importation of laborers under contract. The ranks of these nationalities in the territory have been heavily depleted since annexation, not only by natural causes, death or disability, but by a steady exodus of considerable numbers who, having accumulated sufficient means either to constitute a competence or to enable them to embark in business in their own countries, have returned to their native lands. This diminution is constantly going on, and all efforts to fill the enlarging gap in the labor supply have thus far proved

futile. A few hundred laborers have been brought from Porto Rico, but not in sufficient numbers to supply the growing deficiency; and efforts to procure satisfactory laborers from other sections of the United States have failed. Not only is the number of laborers barely sufficient to properly carry on plantation work in its present development, but the laborers' knowledge of the situation has had the effect of rendering them, as a rule, careless and negligent in prosecuting their employment and irregular in its performance, it being well understood that employers will not readily dismiss inefficient employees, owing to the difficulty of supplying their places.

Table 5 shows that the manufacture of sugar is by far the most important industry in the territory. The 44 establishments reported for this industry gave employment to 2,369 persons, or 51.6 per cent of the wage-earners of the territory, and the products were valued at $19,254,773, or 77 per cent of the total value of the products.

The manufacture of sugar in the islands began about sixty-five years ago. The crude machinery and primitive methods were not greatly improved upon for many years and the output was small until 1875, when the manufacture received great impetus. New mills of the best kind, equipped with modern machinery, have since been built.

Some of the other industries in Hawaii are worthy of mention, although none of them approaches in importance the manufacture of sugar. The industry which ranks second in the value of products is the manufacture of fertilizers. There were 3 establishments in this industry in 1900, with 126 wage-earners, and products valued at $1,150,625.

The manufacture of foundry and machine shop products ranks third. There were 4 establishments in this industry in 1900, with 363 wage-earners, and products valued at $1,107,030.

There were 41 establishments in the cleaning and polishing of rice in 1900, with 173 wage-earners, and products valued at $664,300.

URBAN MANUFACTURES.

The only city in the territory of sufficient importance to justify a separate presentation of statistics is Honolulu. Table 3 shows the totals for the industries in this city, and places them in comparison with the totals for the entire territory.

TABLE 3.—URBAN MANUFACTURES.

	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 for territory	395	$11,541,655	458	4,587	$1,886,756	$873,300	$12,848,668	$24,992,068
City of Honolulu	119	2,964,332	159	1,708	976,784	201,958	2,426,046	4,613,125
Per cent of Honolulu to territory	30.1	25.7	34.7	37.2	51.8	23.1	18.9	18.5

The relative importance of Honolulu as regards manufactures is clearly indicated by Table 3. With a population of 39,306, or 25.5 per cent of that of the territory, at the census of 1900, the city had 119, or 30.1 per cent of the 395 establishments in the territory, with 25.7 per cent of their total capital. Of the total number of wage-earners, 37.2 per cent were employed in the city, to whom was paid 51.8 per cent of the total wages. Notwithstanding these large proportions, the value of products amounted to only 18.5 per cent of the total for the territory. This is due to the large proportion of sugar manufactured in suburban establishments. The manufacture of foundry and machine shop products is the most important industry of the city. It is almost wholly based on the constant demands of the sugar-producing establishments for mill-work and machinery.

Table 4 shows the totals for the territory by islands.

Table 5 shows the totals for the territory by specified industries.

Table 6 shows the totals for the city of Honolulu by specified industries.

TABLE 4.—MANUFACTURES

	ISLANDS, AND 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	The Territory	395	$11,541,655	$190,503	$1,693,344	$7,579,378	$2,078,430	458	574	$622,564	4,587	$1,886,756
2	Hawaii	129	2,835,516	11,869	660,986	2,029,675	132,986	127	159	166,484	1,195	409,159
3	Kauai	67	1,653,011	28,195	101,545	1,425,448	102,823	78	126	96,769	714	220,451
4	Maui	46	1,990,758	1,575	210,380	1,759,733	19,070	38	74	69,438	593	160,513
5	Oahu	153	5,062,370	153,864	720,433	2,364,522	1,823,551	215	215	289,873	2,085	1,096,633

TABLE 5.—MANUFACTURES

1	All industries	395	$11,541,655	$190,503	$1,693,344	$7,579,378	$2,078,430	458	574	$622,564	4,587	$1,886,756
2	Blacksmithing and wheelwrighting	20	17,078	275	6,980	3,496	6,327	27			21	6,972
3	Boots and shoes, custom work and repairing.	14	17,551		250	4,270	13,031	23	3	984	39	10,550
4	Bread and other bakery products	8	2,378		300	390	1,688	10			4	901
5	Carpentering	17	360,560	250	24,200	54,925	231,185	23	21	15,756	414	170,948
6	Carriages and wagons	7	80,993	300	8,175	10,760	61,758	4	2	3,600	51	32,880
7	Clothing, men's, custom work and repairing.	80	111,307	100	1,750	10,415	99,042	103	3	1,420	194	59,234
8	Clothing, women's, dressmaking	6	5,775			995	4,780	10			21	5,183
9	Coffee and spice, roasting and grinding	4	86,114	10,050	12,200	10,700	53,164	7	2	2,500	17	4,214
10	Coffee cleaning	6	70,379	8,822	17,223	29,116	15,218	3	4	2,760	47	8,924
11	Fertilizers	3	915,304	39,744	196,428	36,856	642,276		11	38,090	126	49,230
12	Food preparations	27	22,735	3,270	3,620	4,960	10,885	43	2	1,256	82	10,789
13	Foundry and machine shop products	4	607,833	25,000	170,600	217,250	195,033	1	25	63,476	363	337,488
14	Furniture, cabinetmaking, repairing, and upholstering.	6	21,825		50	1,475	20,300	7	4	4,700	30	19,068
15	Hats and caps, not including fur hats, and wool hats.	3	10,073		30	1,195	8,848	3	5	1,693	10	3,974
16	Ice, artificial	4	137,271	52,097	30,251	52,337	2,586	2	4	6,365	19	12,015
17	Lumber, planing mill products, including sash, doors, and blinds.	3	46,716		10,135	15,702	20,879	1	4	6,600	35	21,736
18	Masonry, brick and stone	3	194,903	5,000	10,172	11,664	168,067	2	15	23,995	187	115,881
19	Mineral and soda waters	7	60,582	500	1,850	30,768	27,464	7	4	3,960	35	10,868
20	Painting, house, sign, etc	5	1,324	50	300	250	724	7			8	2,470
21	Photography	13	27,183		575	8,580	18,028	14	4	4,380	10	6,480
22	Plumbing, and gas and steam fitting	5	24,425		1,100	3,925	19,400	4	2	2,015	18	12,883
23	Printing and publishing, book and job	5	28,269		5,000	16,886	6,383	3	3	4,392	21	11,894
24	Printing and publishing, newspapers and periodicals.	5	81,935			56,503	25,432	4	28	36,192	111	70,052
25	Rice, cleaning and polishing	41	331,625	28,465	56,850	70,200	226,110	76	18	12,100	173	49,124
26	Saddlery and harness	7	29,475	30	3,070	3,575	22,800	7			21	15,626
27	Sugar	44	7,991,642	16,300	1,118,427	6,856,915		5	335	363,610	2,369	748,116
28	Tinsmithing, coppersmithing, and sheet-iron working.	12	54,875			11,295	43,580	15	4	3,284	36	22,424
29	Watch, clock, and jewelry repairing	14	16,045			8,350	7,695	14			19	8,138
30	All other industries[1]	22	135,430	250	13,808	45,625	75,747	33	21	19,436	111	52,744

[1] Embraces awnings, tents, and sails, 2; bicycle and tricycle repairing, 2; cars and general shop construction and repairs by steam railroad companies, 1; charcoal, 2; clothing, women's, factory product, 1; confectionery, 2; jewelry, 2; leather, tanned, curried, and finished, 1; marble and stone work, 1; millinery, custom work, 2; oil, castor, 1; pickles, preserves, and sauces, 2; ship and boat building, wooden, 2; soap and candles, 1.

TABLE 6.—MANUFACTURES IN HONOLULU

1	All industries	119	$2,964,332	$135,764	$481,883	$541,594	$1,805,091	159	146	$224,866	1,708	$976,784
2	Blacksmithing and wheelwrighting	3	7,350		3,500	1,250	2,600	9			6	2,173
3	Boots and shoes, custom work and repairing.	6	14,275			3,425	10,850	14	3	984	37	9,890
4	Carpentering	7	346,175		23,500	53,450	269,225	13	21	15,756	355	137,037
5	Clothing, men's, custom work and repairing.	28	81,509			6,409	75,100	39	3	1,420	149	48,446
6	Clothing, women's, dressmaking	4	4,980			880	4,100	8			20	5,123
7	Foundry and machine shop products	3	605,833	25,000	170,000	216,500	194,333		25	63,476	362	337,288
8	Furniture, cabinetmaking, repairing, and upholstering.	5	20,250			1,450	18,800	6	4	4,700	29	18,728
9	Photography	3	23,740		500	6,090	17,150	2	4	4,380	9	3,000
10	Printing and publishing, newspapers and periodicals.	5	81,935			56,503	25,432	4	28	36,192	111	70,052
11	Rice, cleaning and polishing	4	156,770	4,020	28,500	14,000	110,250	15	4	6,120	29	14,380
12	Saddlery and harness	4	19,650			1,950	17,700	5			13	10,578
13	Tinsmithing, coppersmithing, and sheet-iron working.	9	53,952			10,985	42,967	12	4	3,284	35	22,136
14	Watch, clock, and jewelry repairing	3	12,050			5,500	6,550	7			18	7,852
15	All other industries[1]	30	1,535,863	106,744	255,883	163,202	1,010,034	25	50	88,554	535	287,101

[1] Embraces awnings, tents, and sails, 2; bicycle and tricycle repairing, 2; carriages and wagons, 2; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; fertilizers, 2; food preparations, 1; hats and caps, not including fur hats and wool hats, 2; ice, manufactured 1; jewelry, 2; leather, tanned.

BY ISLANDS: 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.										
4,396	$1,856,336	151	$24,692	40	$5,728	$873,300	$93,635	$101,261	$656,655	$21,749	$12,848,663	$12,700,254	$148,409	$24,992,068	1
1,138	401,084	51	7,182	6	893	188,962	12,147	25,717	143,245	2,853	4,592,082	4,586,119	5,963	8,407,093	2
676	215,996	33	3,979	5	476	164,615	8,306	16,275	139,834	200	2,255,515	2,211,965	43,550	4,542,858	3
575	158,042	18	2,471			199,848	2,108	19,656	177,964	120	1,692,857	1,676,522	16,335	3,778,422	4
2,007	1,081,214	49	11,060	29	4,359	324,875	71,074	39,613	195,612	18,576	4,308,209	4,225,648	82,561	8,268,695	5

BY SPECIFIED INDUSTRIES: 1900.

4,396	$1,856,336	151	$24,692	40	$5,728	$873,300	$93,635	$101,261	$656,655	$21,749	$12,848,663	$12,700,254	$148,409	$24,992,068	1
21	6,972					1,896	1,268	33	475	120	15,109	13,865	1,244	40,513	2
36	9,904	1	70	2	576	4,320	3,871	97	352		20,424	20,424		46,533	3
3	757			1	144	795	640	10	145		4,770	4,331	439	10,049	4
414	170,948					30,577	8,363	993	18,376	2,845	187,771	182,509	5,262	492,091	5
50	32,672			1	208	3,745	2,066	438	1,241		50,202	47,819	2,383	105,355	6
176	56,538	12	1,674	6	1,022	20,790	15,544	536	4,074	636	127,002	126,555	447	268,028	7
15	4,291	1	60	5	832	1,213	1,071	17	125		8,115	8,115		18,205	8
5	2,395	3	1,132	9	687	1,580	290	566	724		25,992	25,500	492	38,401	9
18	4,945	29	3,979			2,558	506	88	1,969		60,468	59,398	1,070	94,810	10
126	49,230					20,720	25	7,400	13,295		916,035	908,567	6,468	1,150,625	11
77	16,039	5	750			5,540	2,958	191	2,391		25,145	22,548	2,597	61,932	12
359	336,749	2	375	2	364	33,546	7,560	4,084	21,894	8	587,236	551,027	36,209	1,107,030	13
30	19,068					2,641	1,980	51	610		19,230	19,230		59,635	14
7	3,062	3	912			2,417	1,630	120	667		10,703	10,703		24,946	15
19	12,015					5,805	100	1,160	4,545		15,735	1,047	14,688	56,522	16
35	21,736					4,327	2,000	767	795	765	42,276	39,464	2,812	91,261	17
187	115,881					29,989	1,500	409	10,905	17,175	163,430	162,680	750	566,050	18
35	10,868					4,783	1,182	617	3,034		24,579	23,957	622	38,977	19
3	2,470					357	220	5	132		3,930	3,930		9,332	20
10	6,480					3,581	2,828	129	624		10,540	10,530	10	31,335	21
13	12,833					1,503	905	80	318	200	30,450	30,192	258	70,570	22
17	11,274			4	620	1,862	916	49	897		4,441	4,188	253	28,712	23
101	66,412	10	3,640			12,512	5,196	503	6,813		28,736	23,686	5,050	170,804	24
171	48,800			2	324	23,329	3,610	2,174	12,545		481,925	477,068	4,857	664,300	25
21	15,626					3,600	2,456	128	1,016		47,332	47,332		77,900	26
2,236	737,219	79	10,674	4	223	620,733		79,455	541,278		9,777,922	9,720,398	57,524	19,254,778	27
36	22,424					6,175	4,750	350	1,075		38,149	35,747	2,402	91,097	28
17	7,826			2	312	5,258	4,565	55	638		9,538	9,259	279	36,500	29
103	50,902	6	1,426	2	416	17,148	10,685	761	5,702		112,478	110,185	2,293	234,182	30

BY SPECIFIED INDUSTRIES: 1900.

1,641	$962,866	38	$9,559	29	$4,359	$201,958	$69,795	$18,836	$94,751	$18,576	$2,426,046	$2,344,350	$81,696	$4,613,125	1
6	2,178					567	443	15	109		7,440	7,000	440	14,800	2
34	9,244	1	70	2	576	3,381	3,141	89	151		16,510	16,510		36,965	3
355	137,037					26,881	8,108	952	17,821		156,902	151,728	5,174	412,017	4
136	46,488	9	1,254	4	704	16,128	11,661	409	3,422	636	94,743	94,510	233	192,630	5
15	4,291			5	832	1,038	911	17	110		6,200	6,200		15,180	6
358	336,549	2	375	2	364	33,372	7,500	4,072	21,800		586,881	550,677	36,154	1,104,930	7
29	18,728					2,430	1,860	35	535		18,040	18,040		57,050	8
9	6,000					2,829	2,300	129	400		8,740	8,740		23,720	9
101	66,412	10	3,640			12,512	5,196	503	6,813		28,736	23,686	5,050	170,804	10
29	14,380					8,194	1,420	795	5,979		133,971	130,014	3,957	188,418	11
18	10,578					2,637	1,836	85	716		28,465	28,465		43,700	12
35	22,136					5,487	4,150	348	989		37,307	34,950	2,357	88,092	13
16	7,540			2	312	4,232	3,734	52	446		8,494	8,229	265	31,000	14
505	281,310	16	4,220	14	1,571	82,270	17,535	11,335	35,460	17,940	1,293,667	1,265,601	28,066	2,228,224	15

curried, and finished, 1; lumber, planing mill products, including sash, doors, and blinds, 1; masonry, brick and stone, 2; millinery, custom work, 2; mineral and soda waters, 1; plumbing, and gas and steam fitting, 2; printing and publishing, book and job, 1; ship and boat building, wooden, 2; soap and candles, 1.

IDAHO.

Table 1 shows the manufacturing and mechanical industries of the state of Idaho as returned at the censuses of 1870 (the first census at which separate totals were published) 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, 1870 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.				PER CENT OF INCREASE.		
	1900	1890	1880	1870	1890 to 1900	1880 to 1890	1870 to 1880
Number of establishments	591	140	162	101	322.1	[1]13.6	60.4
Capital	$2,941,524	$1,048,916	$677,215	$742,300	180.4	54.9	[1]8.8
Salaried officials, clerks, etc., number	97	[2]107	(3)	(3)	[1]9.3		
Salaries	$70,786	[2]$68,295	(3)	(3)	3.6		
Wage-earners, average number	1,477	667	388	265	121.4	71.9	46.4
Total wages	$362,088	$255,907	$136,326	$112,372	236.9	87.7	21.3
Men, 16 years and over	1,395	629	374	264	121.8	68.2	41.7
Wages	$341,755	$250,262	(3)	(3)	236.3		
Women, 16 years and over	59	21	8		181.0	162.5	
Wages	$18,160	$3,835	(3)		373.5		
Children, under 16 years	23	17	6	1	35.3	183.3	500.0
Wages	$2,173	$1,810	(3)	(3)	20.1		
Miscellaneous expenses	$142,596	$69,586	(4)	(4)	104.9		
Cost of materials used	$2,055,368	$638,673	$344,874	$691,785	221.8	[1]24.4	22.1
Value of products, including custom work and repairing	$4,020,532	$1,396,096	$1,271,317	$1,047,624	188.0	9.8	21.4
Total population	[5]159,147	84,385	32,610	14,999	88.6	158.8	117.4
Wage-earners engaged in manufactures	1,477	667	388	265	121.4	71.9	46.4
Per cent of total population	0.9	0.8	1.2	1.8			
Assessed value of real estate	(6)	$9,977,468	$2,297,526	$1,926,565		334.3	19.3
Value of land and buildings invested in manufactures[7]	$958,991	$226,668	(3)	(3)	323.1		
Per cent of assessed value		2.3					

[1] Decrease.
[2] Includes proprietors and firm members with their salaries; number only reported in 1900. (See Table 4.)
[3] Not reported separately.
[4] Not reported.
[5] Exclusive of 2,625 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[6] Figures not accessible.
[7] Does not include value of rented property.

The table indicates a healthy growth in the manufactures of the state during the past thirty years, the value of products increasing 283.8 per cent, and the amount paid for wages 667.2 per cent, from 1870 to 1900.

Mining and agriculture are the principal industries of the state. Its mountains are well supplied with gold, silver, lead, and copper, while the river valleys are unsurpassed for the growth of cereals and the raising of stock. More than one-fifth of the lead product of the United States in 1899[1] was taken from the mines of this state, and in the production of silver Idaho ranked fourth.

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 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] All statements regarding minerals for 1899 have been taken from the annual report of the Geological Survey, 1899–1900, Part VI, Mineral Resources of the United States.

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	667	$2,980,757	749	1,486	$363,664	$144,571	$2,068,674	$814,988	$1,120,914	$127,822	$4,040,851
Hand trades[1]	208	316,137	247	164	102,187	25,100	230,423	200	202,801	27,422	577,776
Governmental establishment	1	6,700		2	1,260		1,995	1,420	325	250	2,747
Establishments with a product of less than $500	75	32,533	80	7	316	1,975	6,311		6,201	110	17,572
All other establishments	383	2,625,387	422	1,313	759,951	117,496	1,824,945	813,318	911,587	100,040	3,442,756

[1] Includes bicycle and tricycle repairing, 6; blacksmithing and wheelwrighting, 94; boots and shoes, custom work and repairing, 19; carpentering, 12; clothing, men's, custom work and repairing, 11; clothing, women's, dressmaking, 4; furniture, cabinetmaking, repairing, and upholstering, 5; lock and gun smithing, 2; millinery, custom work, 22; painting, house, sign, etc., 7; plumbing, and gas and steam fitting, 2; taxidermy, 1; watch, clock, and jewelry repairing, 23.

Of the 667 establishments of all classes shown in this table, 283, or 42.4 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 $595,348, or 14.7 per cent of the total products of the state.

Manufacturing is largely limited to the production or repair of articles for local consumption, and the demand for these products has stimulated the growth of the so-called neighborhood industries.

In addition to the 667 active establishments in the state during the census year, with a capital of $2,980,757, shown in Table 2, there were 2 idle establishments with a capital of $26,275.

There are no cities or towns in the state with a population of 20,000 or over, and no cities or towns were withdrawn from the enumerators for special presentation.

Table 3 shows the totals for the state by counties. Of the 591 establishments reported for the state, 269, or 45.5 per cent, are located in the counties of Ada, Bannock, Kootenai, Latah, and Nez Perce, in which are also located

the principal cities and towns. The establishments in these counties give employment to 980 wage-earners, or 66.4 per cent of the total number in the state. They also pay 68 per cent of the total wages, and the value of their products forms 58.4 per cent of the total for the state.

Table 4 shows the totals for the state by specified industries. From this table it appears that the manufacture of lumber and timber products is the principal manufacturing industry of the state. There were in 1893 some 7,000,000 acres of timber land in the state, a supply which has only begun to be worked.[1] This abundance of timber land has resulted in a marked development of the manufacture of lumber and timber products. The number of establishments engaged in this industry has increased from 44 to 117 since 1890, while the capital employed and the value of products have increased 97.6 and 48.4 per cent, respectively.

[1] "Idaho," published by the Idaho World's Fair Commissioner, 1893.

TABLE 3.—MANUFACTURES

	COUNTIES AND 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	The State	591	$2,941,524	$415,267	$543,724	$950,625	$1,031,908	669	97	$70,786	1,477	$862,088
2	Ada	61	323,594	45,250	45,700	110,088	122,556	74	16	14,530	148	86,356
3	Bannock	45	350,859	68,866	81,817	121,093	79,083	42	16	14,686	427	297,038
4	Bear Lake	24	50,672	4,820	10,413	17,649	17,790	28	2	1,825	47	30,348
5	Bingham	25	127,277	7,925	27,875	39,460	52,017	24	3	2,400	42	22,737
6	Blaine[1]	5	18,100	1,950	4,650	9,900	1,600	3	3	1,800	11	7,732
7	Boise	21	70,328	5,840	5,880	30,645	27,963	29	2	1,400	33	15,004
8	Canyon	27	78,395	5,920	21,662	29,647	21,166	26	3	1,497	32	11,910
9	Cassia	12	49,024	7,870	12,440	19,070	9,644	15	2	300	11	3,350
10	Custer	10	39,879	1,284	21,550	9,475	7,570	9	3	6,500	11	7,933
11	Elmore	17	25,301	5,750	1,076	8,550	9,925	16	------	------	9	3,770
12	Fremont	32	142,090	15,305	26,589	47,847	52,349	40	7	3,623	44	22,838
13	Idaho	33	148,055	14,480	29,175	52,525	51,875	37	2	600	57	28,305
14	Kootenai	31	280,763	51,576	36,050	72,565	120,572	32	15	9,084	113	52,567
15	Latah	30	388,473	97,615	49,880	113,680	127,293	102	6	2,956	128	55,431
16	Lemhi	13	25,775	2,970	2,800	14,215	5,790	15	------	------	20	10,664
17	Nez Perce	52	346,817	38,575	41,915	110,050	156,277	57	11	6,010	164	94,786
18	Oneida	23	114,143	7,484	23,986	46,675	35,998	27	2	695	33	14,046
19	Owyhee	11	30,455	460	3,565	13,520	12,910	12	------	------	11	6,256
20	Shoshone	31	138,039	18,650	35,580	32,525	52,184	33	------	------	80	60,189
21	Washington	38	192,585	12,677	61,121	51,446	67,341	48	4	2,880	56	30,778

[1] Two establishments in Lincoln county are included in Blaine county totals to avoid disclosing operations of individual establishments.

TABLE 4.—MANUFACTURES BY

1	All industries	591	$2,941,524	$415,267	$543,724	$950,625	$1,031,908	669	97	$70,786	1,477	$862,088
2	Bicycle and tricycle repairing	6	4,400	200	300	2,800	1,100	6	------	------	2	1,400
3	Blacksmithing and wheelwrighting	94	131,520	17,917	20,312	26,975	66,316	113	------	------	49	28,782
4	Boots and shoes, custom work and repairing.	19	18,583	2,420	4,180	6,400	5,583	20	------	------	3	1,972
5	Brick and tile	23	49,457	8,880	10,125	7,840	23,112	28	------	------	43	17,664
6	Carpentering	12	29,878	7,450	7,100	5,410	9,918	14	------	------	43	30,990
7	Cars and general shop construction and repairs by steam railroad companies.	4	177,912	28,000	67,991	66,912	15,009	------	12	13,326	399	293,896
8	Cheese, butter, and condensed milk, factory product.	19	74,698	3,350	28,415	33,246	9,682	11	8	3,395	14	7,076
9	Clothing, men's, custom work and repairing.	11	18,075	1,000	400	1,850	14,825	14	------	------	18	13,042
10	Clothing, women's, dressmaking	4	1,190	------	------	250	940	5	------	------	2	900
11	Flouring and grist mill products	34	569,107	39,114	144,350	206,384	179,259	30	20	14,170	76	46,453
12	Foundry and machine shop products	5	53,821	3,450	10,200	24,550	15,621	7	1	1,500	29	22,130
13	Furniture, cabinetmaking, repairing, and upholstering.	5	19,400	500	1,900	1,100	15,900	8	------	------	4	3,400
14	Liquors, malt	16	144,032	22,150	69,600	34,965	17,317	19	1	600	29	19,064
15	Lumber and timber products	117	918,352	210,484	72,315	294,663	335,890	141	21	13,740	406	180,179
16	Lumber, planing mill products, including sash, doors, and blinds.	7	37,640	6,700	3,040	9,400	18,500	7	1	360	11	6,750
17	Millinery, custom work	22	21,625	1,820	2,210	515	17,080	27	------	------	19	6,080
18	Mineral and soda waters	5	24,635	3,400	6,000	8,325	6,910	5	1	600	8	6,740
19	Painting, house, sign, etc	7	14,300	225	1,775	1,525	10,775	10	------	------	12	6,931
20	Photography	10	13,022	2,100	2,525	4,405	3,992	11	------	------	4	4,050
21	Printing and publishing, book and job	3	5,275	------	------	3,400	1,875	4	------	------	3	1,400
22	Printing and publishing, newspapers and periodicals.	66	280,804	22,865	25,375	154,123	78,441	73	17	11,600	187	92,819
23	Saddlery and harness	28	107,249	13,177	16,200	10,552	67,320	35	4	2,925	28	14,588
24	Tinsmithing, coppersmithing, and sheet-iron working.	17	45,855	2,640	7,590	11,375	24,250	19	------	------	26	20,979
25	Tobacco, cigars and cigarettes	6	11,543	2,250	1,775	490	7,028	7	------	------	9	5,285
26	Watch, clock, and jewelry repairing	23	47,791	7,925	6,396	8,320	25,150	26	------	------	7	5,940
27	All other industries[1]	28	126,865	7,250	33,650	25,350	60,115	29	11	8,570	46	24,078

[1] Embraces bottling, 1; bread and other bakery products, 2; carpets, rag, 2; confectionery, 2; fruits and vegetables, canning and preserving, 2; furniture, factory product, 1; hosiery and knit goods, 1; lead, smelting and refining, 1; lime and cement, 1; liquors, distilled, 1; lock and gun smithing, 2; looking-glass

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
1,895	$841,755	59	$18,160	23	$2,173	$142,596	$29,553	$28,403	$82,365	$2,275	$2,055,368	$1,991,392	$63,976	$4,020,532	1
134	81,196	14	5,160			29,411	8,208	3,500	16,863	750	158,273	153,443	4,830	378,772	2
422	296,033	2	890	3	115	11,785	2,190	3,556	5,739	300	334,354	329,893	4,461	712,289	3
43	29,268	3	955	1	125	1,792	611	573	608		42,632	41,197	1,335	93,616	4
40	21,987	2	750			6,092	1,278	1,472	3,317	25	122,324	116,847	5,477	195,961	5
10	7,660			1	72	2,029	30	264	1,735		3,254	3,076	178	24,550	6
32	14,909	1	95			2,879		725	2,154		55,605	55,201	404	103,850	7
25	11,060	4	550	3	300	2,396	794	395	1,207		49,128	45,308	3,820	88,228	8
11	3,350					1,367	56	494	817		23,733	23,162	571	41,146	9
11	7,933					1,340		935	405		87,889	76,655	11,234	114,212	10
9	3,770					1,668	907	340	421		9,356	8,847	509	24,895	11
42	22,588	2	300			6,002	886	1,348	3,768		125,163	122,716	2,447	192,804	12
54	27,565	2	620	1	120	9,972	910	1,541	6,874	647	98,940	93,989	4,951	188,899	13
109	51,167	4	1,400			10,438	385	2,480	7,573		227,421	226,597	824	395,056	14
119	53,426	8	1,905	1	100	12,095	3,307	2,952	5,401	435	186,055	179,389	6,666	368,447	15
20	10,664					2,891	591	291	2,009		22,329	21,965	364	46,276	16
153	92,814	5	1,270	6	702	21,848	5,318	2,973	13,557		258,841	254,117	4,724	493,042	17
26	12,888	6	1,129	1	29	2,956	539	912	1,505		74,237	73,227	1,010	127,807	18
9	5,896	1	260	1	100	1,503	496	190	817		10,569	9,472	1,097	34,931	19
74	57,979	1	1,700	5	510	7,776	1,548	1,615	4,495	118	61,606	58,143	3,463	180,544	20
52	29,602	4	1,176			6,356	1,409	1,847	3,100		103,759	98,148	5,611	215,177	21

SPECIFIED INDUSTRIES: 1900.

1,895	$841,755	59	$18,160	23	$2,173	$142,596	$29,553	$28,403	$82,365	$2,275	$2,055,368	$1,991,392	$63,976	$4,020,532	1
2	1,400					922	470	47	405		3,652	3,615	37	10,050	2
49	28,782					5,244	2,423	1,056	1,733	32	60,492	52,837	7,655	191,712	3
3	1,972					1,569	1,134	199	236		11,195	10,801	394	25,140	4
43	17,664					1,071	257	186	628		8,233	997	7,236	43,009	5
48	30,990					2,317	196	559	727	835	82,674	82,545	129	152,963	6
399	293,396					2,743		2,723	20		214,166	210,950	3,216	523,631	7
14	7,076					1,411	48	599	764		85,140	81,840	3,300	116,056	8
15	11,500	3	1,542			3,481	2,214	184	983	100	11,298	10,967	331	41,750	9
		2	900			308	308				905	850	55	3,375	10
75	46,553			1	100	23,235	725	5,692	16,818		645,444	629,312	16,132	832,207	11
29	22,130					878	180	287	411		23,959	21,624	2,335	64,272	12
4	3,400					1,642	522	80	1,040		8,900	8,800	100	21,981	13
29	19,064					26,195	540	2,637	23,018		19,301	17,031	2,270	74,368	14
398	178,779	8	1,400			17,942	1,510	6,529	9,903		482,200	482,150	50	937,665	15
11	6,750					1,033	250	250	525	8	20,201	19,721	480	36,620	16
		19	6,080			3,483	2,576	225	682		24,228	23,969	259	48,112	17
7	6,560	1	180			752	60	419	273		11,179	10,651	528	26,395	18
12	6,931					806	418	73	315		6,985	6,970	15	23,194	19
3	3,150	1	900			1,073	523	108	442		5,934	5,828	106	20,190	20
3	1,400					1,078	720	43	315		2,404	2,340	64	7,400	21
150	85,696	19	5,574	18	1,549	19,254	5,057	2,198	10,699	1,300	67,022	62,119	4,903	299,805	22
28	14,588					5,752	2,486	1,339	1,927		54,185	53,838	347	142,789	23
25	20,844			1	135	3,748	2,124	635	989		43,135	42,408	727	86,600	24
9	5,285					3,111	576	169	2,366		9,026	8,928	98	22,684	25
7	5,940					4,775	2,359	669	1,247		9,879	9,464	415	41,179	26
37	22,105	6	1,584	3	389	8,773	1,377	1,497	5,899		143,631	130,837	12,794	225,785	27

and picture frames, 2; monuments and tombstones, 2; plumbing, and gas and steam fitting, 2; pottery, terra cotta, and fire-clay products, 1; ship and boat building, wooden, 1; soap and candles, 2; taxidermy, 1; woolen goods, 1.