

NEW HAMPSHIRE.

GENERAL STATISTICS.

General character of the state.—New Hampshire has a gross area of 9,341 square miles, of which 9,031 represent land surface. The inhabitants of the state in 1900 numbered 411,588; in 1910, 430,572; and in 1920, 443,083. In total population New Hampshire ranked forty-first among the states in 1920. The number of inhabitants per square mile in 1910 was 47.7, the corresponding figure for 1920 being 49.1.

In 1920 there were eight cities in the state—Berlin, Concord, Dover, Keene, Laconia, Manchester, Nashua, and Portsmouth—having more than 10,000 inhabitants. The combined population of these eight cities in that year was 193,739, and formed 43.7 per cent of the total population for New Hampshire, and in 1919 they reported 63.3 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The increases in wages, cost of materials, and the value of products, from 1914 to 1919, as presented in Table 1, are in a great measure due to the changes in industrial conditions brought about by the World War. The addition of the Federal income tax since 1914 accounts for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. Hillsborough County, which includes the cities of Manchester and Nashua, is the most important, reporting 44.6 per cent of the average number of wage earners in the state and 45.1 per cent of the value of products.

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

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

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 200 or more wage

earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—During the census period 1914-1919 all cities show increases in value of products, due largely to the increased value of commodities at the later period. The city of Portsmouth shows the most noticeable increase during this five-year period in the average number of wage earners, 192.8 per cent, owing to exceptional activity in the shipbuilding industry.

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

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more, and also the number of females for industries in which a large number of females were employed. There were a number of industries in the state in 1919 in which the number of female wage earners predominated.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in New Hampshire. In that year only 5.7 per cent of the wage earners were reported in the group "48 and under" as against 65.6 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 7.8 per cent of the total wage earners, as compared with 1.6 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 90.3 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 19.6 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 9.7 per cent of the total manufacturing establishments in the state, but reported 80.4 per cent of the total number of wage earners.

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

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

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

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations owned but 30.8 per cent of the number of establishments in the state in 1919, they reported 86.4 per cent of the average number of wage earners and 88.1 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations

increased 6,032, or 9.2 per cent, and the value of products \$207,642,533, or 137.3 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the eight cities in 1919 represented 35.5 per cent of the total in the state. They reported in that year 61.1 per cent of the average number of wage earners and 63.3 per cent of the value of products.

Principal industries in Manchester, with per cent of total for state (Table 16).—This table includes all industries in the city of Manchester having products of \$500,000 and over for which figures can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919 as compared with that for 1914 shows an increase of 5,045 horsepower, or 1.5 per cent. This increase was wholly confined to rented power, which increased 32,188 horsepower, or 61.1 per cent, during the five-year period. Owned power decreased 27,143 horsepower, or 9.3 per cent.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. The paper and wood-pulp industry was a large consumer of fuel in 1919, using 62.5 per cent of the anthracite coal, 29.4 per cent of the bituminous coal and 90.2 per cent of the fuel oils reported by manufacturing establishments.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE. ¹			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	1,400	1,736	1,961	1,618	1,771	-13.7	-11.5	21.2	-8.6
Persons engaged.....	90,332	85,613	84,191	69,758	(²)	6.3	1.0	20.7	.....
Proprietors and firm members.....	1,420	1,640	2,014	1,726	(²)	-13.4	-18.3	16.7	.....
Salaried employees.....	5,832	4,374	3,519	2,060	2,068	33.3	24.3	32.0	28.9
Wage earners (average number).....	83,074	78,963	78,658	65,366	67,646	5.2	0.4	20.3	-3.4
Primary horsepower.....	349,138	344,093	203,991	218,344	200,975	1.5	17.0	34.6	8.6
Capital.....	\$329,166,870	\$156,748,853	\$139,980,662	\$109,495,072	\$92,146,025	110.0	12.0	27.9	18.8
Salaries and wages.....	92,538,743	46,523,773	40,391,440	80,665,310	23,040,307	98.9	15.2	31.7	9.3
Salaries.....	13,212,403	5,881,380	4,191,178	2,972,107	2,190,676	124.6	40.3	41.0	35.1
Wages.....	79,326,341	40,642,393	36,200,262	27,693,203	25,849,631	95.2	12.8	30.7	7.1
Paid for contract work.....	2,417,380	1,342,368	1,072,186	984,094	(²)	80.1	25.2	9.0	.....
Rent and taxes.....	15,221,765	2,167,003	1,508,475	946,650	(²)	102.4	43.7	.....	.....
Cost of materials.....	239,527,617	114,993,435	98,157,016	73,216,387	60,163,380	108.3	17.2	24.1	21.7
Value of products.....	407,204,934	182,343,863	164,581,019	123,610,904	107,590,803	122.7	11.1	33.1	14.9
Value added by manufacture ⁴	167,677,317	67,850,428	66,424,003	60,394,517	47,427,423	147.1	2.1	31.8	6.3

¹ A minus sign (-) denotes decrease.

² Figures not available.

³ Exclusive of internal revenue.

⁴ Value of products less cost of materials.

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

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horse-power.
		Average number.	Wages.					
The state.....	1,499	83,074	\$79,326,341	\$15,221,765	\$239,527,617	\$407,204,934	\$107,677,317	349,138
Bellnap.....	77	3,888	3,362,648	852,132	8,237,814	16,087,136	7,849,322	7,266
Carroll.....	49	708	687,202	34,832	1,491,910	2,579,942	1,178,032	3,182
Cheshire.....	175	4,745	4,477,482	730,537	8,047,491	19,383,572	9,436,081	19,076
Coos.....	75	5,312	6,527,243	1,299,774	20,984,518	36,655,228	15,670,710	97,984
Grafton.....	161	4,473	4,358,498	589,272	11,368,551	20,525,249	9,161,698	25,143
Hillsborough.....	379	87,057	33,572,206	6,068,658	114,298,256	183,710,296	69,412,040	104,810
Merrimack.....	199	7,348	7,318,706	973,192	17,912,457	32,782,555	14,870,098	32,851
Rockingham.....	180	7,019	7,684,801	1,159,009	20,065,880	36,548,906	16,483,026	12,523
Stratford.....	120	8,632	8,149,165	2,513,952	25,577,500	42,352,626	16,775,126	30,522
Sullivan.....	84	3,294	3,288,390	1,000,407	9,728,240	16,569,424	6,841,184	14,551

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		INDUSTRY	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries.....	1,499	83,074	100.0	\$407,205	100.0	\$167,677	100.0	Needles, pins, and hooks and eyes.....	9	983	1.2	\$1,705	0.4	\$1,550	0.9
Cotton goods.....	16	21,183	25.5	85,980	21.1	38,988	23.3	Electrical machinery, apparatus, and supplies.....	7	425	0.5	1,464	0.4	821	0.5
Boots and shoes.....	52	12,336	14.8	73,871	18.1	22,815	13.6	Printing and publishing, newspapers and periodicals.....	65	436	0.5	1,424	0.4	967	0.6
Paper and wood pulp.....	27	5,000	6.0	41,826	10.3	16,992	10.1	Gas, illuminating and heating.....	13	209	0.3	1,195	0.3	686	0.4
Woolen goods.....	39	5,317	6.4	31,245	7.7	12,548	7.5	Printing and publishing, book and job.....	63	361	0.4	1,031	0.3	754	0.5
Boot and shoe cut stock and findings	20	2,178	2.6	22,389	5.5	3,161	1.9	Boxes, paper and other, not elsewhere specified.....	8	240	0.3	692	0.2	370	0.2
Lumber and timber products.....	327	4,976	6.0	14,992	3.7	8,877	5.3	Automobile repairing.....	48	157	0.2	683	0.2	348	0.2
Worsted goods.....	5	4,455	5.4	14,699	3.6	6,916	4.1	Clothing, women's.....	5	157	0.2	597	0.1	233	0.1
Knit goods.....	16	2,979	3.6	9,616	2.2	3,898	2.3	Mineral and soda waters.....	31	85	0.1	571	0.1	297	0.2
Foundry and machine-shop products.....	53	2,291	2.8	8,795	2.2	5,513	3.3	Cutlery and edge tools.....	4	280	0.3	564	0.1	398	0.2
Leather, tanned, curried, and finished.....	7	709	0.9	7,300	1.8	1,343	0.8	Toys and games.....	10	208	0.3	517	0.1	343	0.2
Boxes, wooden packing, except cigar boxes.....	33	1,631	2.0	7,081	1.7	2,796	1.7	Wood, turned and carved.....	16	237	0.3	514	0.1	301	0.2
Textile machinery and parts.....	11	1,109	1.3	6,223	1.5	3,753	2.2	Brass and bronze products.....	6	106	0.1	478	0.1	289	0.2
Bread and other bakery products.....	127	471	0.6	4,069	1.0	1,222	0.7	Brick.....	9	199	0.2	465	0.1	300	0.2
Tobacco, cigars.....	19	1,059	1.3	4,013	1.0	2,286	1.4	Confectionery and ice cream.....	22	60	0.1	411	0.1	159	0.1
Flour-mill and gristmill products.....	48	83	0.1	3,391	0.8	465	0.3	Cotton small wares.....	5	111	0.1	406	0.1	160	0.1
Furniture.....	19	627	0.8	2,439	0.6	1,382	0.8	Upholstering materials, excelsior.....	7	91	0.1	401	0.1	201	0.1
Lumber, planing-mill products, not including planing mills connected with sawmills.....	33	524	0.6	2,137	0.5	882	0.5	Butter.....	14	12	(¹)	391	0.1	71	(¹)
Marble and stone work.....	70	776	0.9	2,131	0.5	1,712	1.0	Wooden goods, not elsewhere specified.....	5	158	0.2	385	0.1	219	0.1
Clothing, men's.....	8	322	0.4	1,830	0.5	628	0.4	All other industries ²	222	10,563	12.7	49,869	12.2	22,093	13.7

¹ Less than one-tenth of 1 per cent.² Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are a number having products in excess of some for which figures are shown in the table. Of these industries the most important are the following: "Asbestos products, not including steam packing"; "belting, leather"; "cars and general shop construction and repairs by steam-railroad companies"; "cars, steam-railroad, not including operations of railroad companies"; "paper goods, not elsewhere specified"; "pulp goods"; "shipbuilding, steel"; "silk goods"; and "silversmithing and silverware."

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

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.		CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.						Male.	Female.
All classes.....	1919	90,332	62,919	27,413	69.7	30.3	Clerks and other subordinate salaried employees.....	1919	3,522	1,669	1,853	47.4	52.6
	1914	85,013	60,655	24,358	71.3	28.7		1914	2,943	1,792	1,151	60.9	39.1
	1909	84,191	58,924	25,267	70.0	30.0		1909	2,254	1,441	813	68.9	31.1
Proprietors and officials.....	1919	3,736	3,583	153	95.9	4.1	Wage earners (average number).....	1919	83,074	67,667	25,407	69.4	30.6
	1914	3,077	2,985	92	97.0	3.0		1914	78,993	55,878	23,115	70.7	29.3
	1909	3,279	3,181	98	97.0	3.0		1909	78,658	54,302	24,356	69.0	31.0
Proprietors and firm members.....	1919	1,426	1,362	64	95.5	4.5	16 years of age and over.....	1919	82,215	57,163	25,052	69.5	30.5
	1914	1,046	1,573	73	95.6	4.4		1914	78,508	55,598	22,910	70.8	29.2
	1909	2,014	1,931	83	95.9	4.1		1909	77,462	53,574	23,888	69.2	30.8
Salaried officers of corporations.....	1919	581	561	20	96.6	3.4	Under 16 years of age.....	1919	859	504	355	58.7	41.3
	1914	375	365	10	97.3	2.7		1914	485	280	205	57.7	42.3
	1909	371	368	3	99.2	0.8		1909	1,196	728	468	60.9	39.1
Superintendents and managers.....	1919	1,729	1,660	69	96.0	4.0							
	1914	1,056	1,047	9	99.1	0.9							
	1909	894	882	12	98.7	1.3							

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

INDUSTRY.	Cen- sus year.	Wage earn- ers (aver- age num- ber).	PER CENT OF TOTAL.			INDUSTRY.	Cen- sus year.	Wage earn- ers (aver- age num- ber).	PER CENT OF TOTAL.		
			16 years of age and over.		Under 16 years of age.				16 years of age and over.		Under 16 years of age.
			Male.	Fe- male.					Male.	Fe- male.	
All industries.....	1919 1914 1909	83,074 78,993 78,658	68.8 70.4 68.1	30.2 29.0 30.4	1.0 0.6 1.5	Leather, tanned, curried, and finished.....	1919 1914	709 452	92.7 97.8	7.2 2.2	0.1
Boot and shoe cut stock and findings.....	1919 1914	2,178 1,878	66.4 75.9	33.3 24.0	0.3 0.1	Lumber and timber products.....	1919 1914	4,976 5,062	99.7 99.1	0.2 0.5	0.1 0.4
Boots and shoes.....	1919 1914	12,336 12,937	60.0 64.8	38.1 34.2	1.9 0.9	Lumber, planing-mill products, not includ- ing planing mills connected with saw- mills.	1919 1914	524 791	99.0 98.1	0.4 1.8	0.6 0.1
Boxes, paper and other, not elsewhere specified.	1919 1914	240 127	53.3 26.8	36.3 70.9	10.4 2.4	Marble and stone work.....	1919 1914	776 1,176	99.7 99.7	..... 0.3	0.3 0.1
Boxes, wooden packing, except cigar boxes.	1919 1914	1,631 1,411	90.0 94.0	9.9 5.9	0.1 0.1	Needles, pins, and hooks and eyes.....	1919 1914	983 366	41.1 48.9	58.2 50.8	0.7 0.3
Bread and other bakery products.....	1919 1914	471 480	81.1 82.9	17.8 16.5	1.1 0.6	Paper and wood pulp.....	1919 1914	5,000 3,905	96.9 95.9	3.0 4.1	0.1
Clothing, men's.....	1919 1914	322 341	11.8 7.6	87.9 92.4	0.3	Printing and publishing, book and job.....	1919 1914	361 250	67.9 72.4	32.1 26.8	..... 0.8
Cotton goods.....	1919 1914	21,183 21,589	53.5 56.2	45.2 43.2	1.3 0.6	Printing and publishing, newspapers and periodicals.	1919 1914	436 448	68.1 74.8	22.9 23.7	8.9 1.6
Cutlery and edge tools.....	1919 1914	280 198	91.4 96.0	7.5 4.0	1.1	Tobacco, cigars.....	1919 1914	1,059 1,058	77.5 75.8	22.0 24.0	0.5 0.2
Electrical machinery, apparatus, and sup- plies.	1919 1914	425 228	58.1 71.5	41.9 28.5	..... .....	Toys and games.....	1919 1914	208 114	60.8 71.9	29.8 26.3	3.4 1.8
Foundry and machine-shop products.....	1919 1914	3,537 2,500	94.5 97.1	5.4 2.7	0.1 0.2	Wood, turned and carved.....	1919 1914	237 600	85.2 95.6	14.8 3.8	..... 0.6
Furniture.....	1919 1914	627 745	97.9 98.9	1.4 0.5	0.6 0.5	Woolen and worsted goods.....	1919 1914	9,772 9,532	62.1 61.3	36.9 38.1	1.0 0.6
Gas, illuminating and heating.....	1919 1914	209 244	96.7 100.0	3.3 .....	..... .....	All other industries.....	1919 1914	11,615 9,167	81.6 85.8	17.9 13.8	0.5 0.4
Knit goods.....	1919 1914	2,979 3,328	30.1 30.6	67.5 66.7	2.3 2.7						

¹ Includes "iron and steel, welding"; "machine tools"; and "textile machinery and parts."

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

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.												VALUE OF PRODUCTS.		
	Total.			16 years of age and over.						Under 16 years of age.					
				Male.			Female.								
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
Berlin.....	4,236	2,680	2,477	4,169	2,651	2,466	64	28	6	3	1	5	\$30,652,522	\$13,080,804	\$8,774,646
Concord.....	2,444	2,856	2,693	2,106	2,631	2,385	293	222	283	45	3	25	12,441,751	6,743,687	6,476,477
Dover.....	2,334	2,483	3,030	1,409	1,659	2,088	915	901	927	10	23	17	13,034,975	5,682,005	6,370,110
Keene.....	2,185	2,068	1,769	1,613	1,730	1,450	554	336	269	18	2	50	8,513,980	3,918,449	3,483,291
Laconia.....	2,579	2,621	2,235	1,663	1,623	1,375	884	998	846	32	.....	14	11,847,851	4,496,770	4,000,506
Manchester.....	25,512	25,843	24,735	14,774	15,708	13,840	10,351	9,963	10,583	387	172	312	117,493,082	50,799,067	46,811,919
Nashua.....	8,264	7,382	7,235	5,464	5,232	4,969	2,745	2,094	2,156	55	26	150	48,985,184	22,780,444	17,326,134
Portsmouth.....	3,191	1,090	992	2,901	764	734	289	324	244	1	2	14	14,060,887	3,923,312	2,871,188

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

MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.			MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January.....	80,610	82,803	78,438	90.3	100.0	96.9	July.....	82,600	78,018	76,324	92.6	94.2	94.3
February.....	79,599	82,243	79,097	89.2	99.3	97.7	August.....	83,325	77,279	76,975	93.4	93.3	95.1
March.....	79,162	81,296	79,519	88.7	98.2	98.2	September.....	85,663	76,982	77,850	96.0	93.0	96.2
April.....	78,849	80,099	77,697	88.4	96.7	96.0	October.....	87,070	77,402	80,108	97.6	93.5	99.0
May.....	79,972	79,344	78,132	89.6	95.8	96.5	November.....	88,593	76,993	80,797	98.3	93.0	99.8
June.....	82,221	78,427	78,021	92.2	94.7	96.4	December.....	89,224	77,030	80,936	100.0	93.0	100.0

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

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TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries.....	83,074	80,610	79,599	79,162	78,849	79,972	82,221	82,600	83,325	85,663	87,070	88,593	89,224	88.4
Males.....	57,667	55,866	55,248	54,877	54,511	55,590	57,152	57,397	57,580	59,482	60,584	61,876	61,841	88.1
Females.....	25,407	24,744	24,351	24,285	24,338	24,382	25,069	25,203	25,745	26,181	26,486	26,717	27,383	88.7
Boot and shoe cut stock and findings.....	2,178	2,120	2,035	1,928	1,931	2,015	2,381	2,398	2,172	2,177	2,185	2,390	2,404	80.2
Boots and shoes.....	12,336	12,403	12,196	11,636	11,459	11,300	12,173	12,468	12,166	12,517	12,639	13,226	13,849	81.6
Boxes, paper and other, not elsewhere specified.....	240	221	226	213	217	215	219	233	252	260	266	267	285	74.7
Boxes, wooden packing, except cigar boxes.....	1,631	1,607	1,567	1,596	1,546	1,551	1,577	1,641	1,605	1,666	1,711	1,702	1,833	84.1
Bread and other bakery products.....	471	447	447	446	449	450	476	488	492	489	486	481	492	90.7
Clothing, men's.....	322	328	313	300	311	304	310	313	332	308	338	353	354	84.7
Cotton goods.....	21,183	20,421	20,702	20,782	20,835	20,671	21,151	21,562	21,751	21,753	21,654	21,318	21,596	93.9
Cutlery and edge tools.....	280	259	262	272	275	262	285	290	293	279	301	305	277	84.9
Electrical machinery, apparatus, and supplies.....	425	388	384	400	402	391	398	405	408	433	435	496	530	72.5
Foundry and machine-shop products.....	2,291	2,389	2,381	2,252	2,214	2,171	2,110	2,180	2,106	2,292	2,390	2,472	2,529	83.3
Furniture.....	627	610	629	636	629	633	650	670	698	628	619	649	673	84.7
Gas, illuminating and heating.....	209	190	198	199	207	210	208	207	220	227	215	212	215	83.7
Knit goods.....	2,979	3,021	2,981	2,897	2,890	2,950	2,998	2,648	3,018	3,038	3,093	2,986	3,228	82.0
Leather, tanned, curried, and finished.....	709	601	590	582	619	631	622	744	819	796	731	805	968	60.1
Lumber and timber products.....	4,976	6,168	5,825	5,711	4,374	4,529	4,308	3,091	3,801	4,630	5,606	6,174	5,495	50.1
Lumber, planing-mill products, not including planing mills connected with sawmills.....	524	462	470	458	451	472	507	516	536	583	591	611	631	71.5
Marble and stone work.....	776	456	437	478	674	813	930	948	975	953	966	919	783	44.7
Needles, pins, and hooks and eyes.....	983	983	931	924	918	940	933	962	1,010	994	1,043	1,077	1,086	84.1
Paper and wood pulp.....	5,000	4,815	4,479	4,477	4,797	4,820	4,979	5,161	5,213	5,300	5,183	5,639	5,137	79.4
Printing and publishing, book and job.....	361	358	352	356	359	363	363	348	345	362	357	378	411	82.2
Printing and publishing, newspapers and periodicals.....	436	422	432	439	438	444	421	429	425	432	440	451	453	92.9
Textile machinery and parts.....	1,109	1,040	1,047	1,007	1,069	1,031	1,041	1,116	1,164	1,152	1,165	1,228	1,248	80.7
Tobacco, cigars.....	1,059	1,130	1,105	1,142	1,147	1,168	1,141	960	79	1,112	1,200	1,293	1,231	6.1
Toys and games.....	208	149	172	173	165	180	198	223	237	238	253	252	256	58.2
Wood, turned and carved.....	237	218	216	210	212	211	229	232	256	257	262	260	281	74.7
Woolen goods.....	5,317	4,306	4,073	4,412	5,048	5,271	5,583	5,775	5,850	5,757	5,778	5,853	6,038	67.5
Worsteds.....	4,455	4,125	4,149	4,184	4,265	4,297	4,304	4,552	4,696	4,718	4,698	4,687	4,695	87.4
All other industries.....	11,752	10,958	11,000	11,052	10,958	11,060	11,636	12,240	12,506	12,300	12,423	12,049	12,246	87.6
Industries showing large proportion of females.														
Boot and shoe cut stock and findings.....	728	742	679	659	647	659	736	744	729	716	742	847	836	76.4
Boots and shoes.....	4,786	4,837	4,747	4,535	4,489	4,445	4,622	4,716	4,727	4,871	4,925	5,162	5,356	83.0
Boxes, paper and other, not elsewhere specified.....	110	103	114	105	103	101	106	104	112	118	120	115	119	84.2
Boxes, wooden packing, except cigar boxes.....	102	155	158	168	171	174	161	154	156	162	159	159	167	88.5
Bread and other bakery products.....	87	80	80	79	80	80	93	93	95	90	91	85	92	83.2
Clothing, men's.....	283	289	274	268	273	267	271	274	293	269	298	312	314	83.4
Cotton goods.....	9,099	8,867	9,423	9,571	9,529	9,396	9,675	9,863	9,932	9,934	9,934	9,830	9,985	93.9
Electrical machinery, apparatus, and supplies.....	178	164	149	162	161	152	172	170	109	184	201	212	240	62.1
Knit goods.....	2,049	2,092	2,078	1,997	1,977	2,012	2,050	1,825	2,083	2,083	2,111	2,056	2,224	82.1
Needles, pins, and hooks and eyes.....	575	584	538	523	508	547	547	565	601	581	618	639	649	78.3
Paper and wood pulp.....	154	147	151	147	142	151	157	159	159	168	164	160	163	78.0
Printing and publishing, book and job.....	110	104	114	112	114	116	119	113	106	119	115	126	134	77.6
Printing and publishing, newspapers and periodicals.....	100	98	100	100	102	102	94	98	95	98	105	104	104	89.5
Tobacco, cigars.....	236	291	275	285	280	281	254	56	18	279	281	271	260	4.5
Toys and games.....	65	48	54	52	46	51	58	66	76	74	88	87	85	48.9
Woolen goods.....	1,523	1,294	1,179	1,286	1,435	1,522	1,607	1,640	1,640	1,617	1,630	1,693	1,727	68.3
Worsteds.....	2,131	1,966	1,977	1,994	2,040	2,065	2,101	2,185	2,248	2,265	2,251	2,246	2,244	86.8
Total for cities.....	50,745	48,387	48,398	48,072	48,537	49,420	50,692	52,441	51,410	52,690	52,207	53,306	53,380	90.1
Males.....	34,431	32,506	32,741	32,499	32,975	33,821	34,593	36,170	34,812	35,816	35,284	36,041	35,914	89.9
Females.....	16,314	15,881	15,657	15,573	15,562	15,599	16,099	16,271	16,598	16,874	16,923	17,265	17,466	89.1
BERLIN.....	4,236	3,544	3,731	3,867	4,533	4,738	4,159	4,892	4,565	4,588	4,050	4,483	3,076	72.4
Males.....	4,169	3,477	3,604	3,800	4,467	4,672	4,092	4,824	4,497	4,520	3,988	4,416	3,611	72.1
Females.....	67	67	67	67	66	66	67	68	68	68	68	67	65	95.6
CONCORD.....	2,444	2,239	2,296	2,311	2,417	2,517	2,465	2,425	2,463	2,454	2,512	2,582	2,657	84.3
Males.....	2,147	1,979	2,009	2,015	2,094	2,184	2,183	2,155	2,194	2,171	2,201	2,255	2,324	85.2
Females.....	297	260	287	296	323	333	282	270	269	283	311	327	333	77.8
DOVER.....	2,334	2,235	2,293	2,265	2,330	2,310	2,352	2,433	2,405	2,378	2,229	2,348	2,430	91.6
Males.....	1,410	1,377	1,385	1,335	1,378	1,374	1,397	1,459	1,466	1,457	1,388	1,431	1,473	90.6
Females.....	924	858	908	930	952	936	955	974	939	921	841	917	957	86.3
KEENE.....	2,185	1,946	1,962	2,030	2,069	2,127	2,189	2,150	2,137	2,278	2,384	2,419	2,529	76.9
Males.....	1,626	1,463	1,502	1,534	1,570	1,602	1,628	1,589	1,582	1,673	1,754	1,766	1,861	78.1
Females.....	559	483	460	496	499	525	563	561	555	605	630	653	668	68.9
LACONIA.....	2,579	2,468	2,510	2,477	2,222	2,578	2,636	2,466	2,738	2,763	2,753	2,647	2,690	80.4
Males.....	1,673	1,610	1,651	1,619	1,547	1,678	1,722	1,673	1,813	1,823	1,784	1,670	1,686	78.9
Females.....	906	858	859	858	675	900	914	793	925	940	969	977	1,004	79.0
MANCHESTER.....	25,512	24,900	24,494	24,069	24,004	24,077	25,518	26,126	25,389	26,482	26,527	27,202	27,356	87.7
Males.....	15,014	14,594	14,425	14,106	14,085	14,118	15,177	15,633	14,690	15,602	15,678	16,041	16,119	87.4
Females.....	10,498	10,306	10,069	9,963	9,919	9,959	10,341	10,493	10,699	10,880	10,849	11,161	11,237	88.3
NASHUA.....	8,264	8,184	8,198	8,117	7,968	7,944	8,072	8,389	8,355	8,530	8,422	8,321	8,668	91.6
Males.....	5,491	5,421	5,447	5,389	5,272	5,288	5,342	5,586	5,518	5,679	5,601	5,514	5,835	90.4
Females.....	2,773	2,763	2,751	2,728	2,696	2,656	2,730	2,803	2,837	2,861	2,821	2,807	2,833	93.2
PORTSMOUTH.....	3,191	2,871	2,914	2,936	2,994	3,129	3,301	3,560	3,368	3,217	3,324	3,304	3,374	80.6
Males.....	2,901	2,595	2,658	2,701	2,762	2,905	3,054	3,251	3,052	2,891	2,990	2,948	3,005	79.8
Females.....	290	276	256	235	232	224	247	309	316	326	334	356	369	60.7

MANUFACTURES—NEW HAMPSHIRE.

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries.....	1919	83,074	3,650	1,160	49,726	12,579	12,287	2,324	1,130	218
	1914	78,993	(²)	(²)	4,480	5,021	5,598	57,764	5,102	968
	1909	78,658	(²)	(²)	3,516	1,991	3,936	57,035	10,087	1,193
Boot and shoe cut stock and findings.....	1919	2,178			1,494	511	39	134		
	1914	1,878				67	1	1,810		
Boots and shoes.....	1919	12,336	231	31	7,239	4,223	441	171		
	1914	12,937	(²)	(²)	346	310	318	11,002	61	
Boxes, paper and other, not elsewhere specified.....	1919	240			70	161		90		
	1914	127				9	28			
Boxes, wooden packing, except cigar boxes.....	1919	1,631	2		237	1,159	73	160		
	1914	1,411	(²)	(²)	42	147	20	908	288	
Bread and other bakery products.....	1919	471	32		224	6	148	44	17	
	1914	480	(²)	(²)	77	8	109	28	177	21
Clothing, men's.....	1919	322	224		77			31		
	1914	341	(²)	(²)	243	24		74		
Cotton goods.....	1919	21,183			15,499	16	5,068			
	1914	21,589						21,589		
Cutlery and edge tools.....	1919	280			101	64	115			
	1914	198					125	69	4	
Electrical machinery, apparatus, and supplies.....	1919	425			200	45	90			
	1914	228				45	10	167		
Foundry and machine-shop products ³	1919	3,537		1,062	1,297	552	190	409	27	
	1914	2,500	(²)	(²)	35	20	474	1,747	224	
Furniture.....	1919	627			50	259	223	61	34	
	1914	745				2	53	512	178	
Gas, illuminating and heating.....	1919	209			102	2	30	75		
	1914	244	(²)	(²)	2		53	88	110	41
Knit goods.....	1919	2,979			2,686	173	120			
	1914	3,328				3	661	2,664		
Leather, tanned, curried, and finished.....	1919	709			373	331	5			
	1914	452				77	117	258		
Lumber and timber products.....	1919	4,976	17	22	1,312	675	1,770	601	574	5
	1914	5,062	(²)	(²)	13	54	1,190	1,380	2,366	44
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1919	524			25	473	25	1		
	1914	791	(²)	(²)	40	14	35	450	243	
Marble and stone work.....	1919	776	515	22	235		4			
	1914	1,170	(²)	(²)	1,157		10	1	2	
Needles, pins, and hooks and eyes.....	1919	983			840		97	46		
	1914	360						360		
Paper and wood pulp.....	1919	5,000			3,972	485	123		280	140
	1914	3,905	(²)	(²)	915	1,114	270	780	22	804
Printing and publishing, book and job.....	1919	361	6	2	321	22	4	0		
	1914	250	(²)	(²)	38	143	22	45	2	
Printing and publishing, newspapers and periodicals.....	1919	436	43	1	288	48	56			
	1914	448	(²)	(²)	155	24	176	92	1	
Tobacco, cigars.....	1919	1,059	14	15	1,030					
	1914	1,058	(²)	(²)	1,047	11				
Toys and games.....	1919	208					17	23		
	1914	114	(²)	(²)		130	13	99	21	
Wood, turned and carved.....	1919	237			2		13	99		
	1914	606			6	41	50	140		
						271	28	204	103	
Woolen and worsted goods.....	1919	9,772	41		7,687	244	1,790	1		
	1914	9,532					1,062	8,470		
All other industries.....	1919	11,615	2,517	6	4,262	2,950	1,200	431	177	78
	1914	9,107	(²)	(²)	308	2,678	736	3,946	1,381	58
Total for cities.....	1919	50,745	2,884	16	36,857	5,592	4,619	608	131	38
	1914	47,023	(²)	(²)	3,022	4,482	2,330	35,530	1,578	72
BERLIN.....	1919	4,236			4,213		19	1		3
	1914	2,680	(²)	(²)	934	1,119	613		5	9
CONCORD.....	1919	2,444	269		1,222	515	417	14	6	1
	1914	2,856	(²)	(²)	455	1,290	213	840	32	7
DOVER.....	1919	2,334	3	2	1,532	515	77	155		
	1914	2,483	(²)	(²)	7	409	484	1,547	20	10
KEENE.....	1919	2,185	57		532	1,287	226	44	37	2
	1914	2,068	(²)	(²)	172	445	184	1,030	220	2
LACONIA.....	1919	2,579	8		1,709	658	170	33		1
	1914	2,621	(²)	(²)	10	627	417	1,498	69	
MANCHESTER.....	1919	25,512	55	1	24,638	649	78	3	62	20
	1914	25,843	(²)	(²)	1,171	269	168	23,892	310	43
NASIRUA.....	1919	8,264	62	13	2,503	1,704	3,617	334	26	5
	1914	7,382	(²)	(²)	82	94	104	6,191	910	1
PORTSMOUTH.....	1919	3,191	2,430		488	234	15	24		
	1914	1,000	(²)	(²)	190	220	167	523		

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ Includes "iron and steel, welding"; "machine tools"; and "textile machinery and parts."

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
	Establishments.	Wage earners (average number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries.....	1,499	83,074	132	604	1,431	319	3,572	151	5,006	87	6,265	90	14,307	31	11,354	12	8,576	13	32,563	
Boot and shoe cut stock and findings.....	20	2,178	1	2	6	10	109	1	46	1	55	3	374	1	289			1	1,200	
Boots and shoes.....	52	12,336		2	2	5	64	4	152	8	621	16	2,681	11	4,057	5	3,644	1	1,109	
Boxes, paper and other, not elsewhere specified.....	8	240				2	20	6	220											
Boxes, wooden packing, except cigar boxes.....	33	1,631	1	3	6	9	114	9	281	7	540	4	690							
Bread and other bakery products.....	127	471	14	90	209	20	179	3	83	1	54	1	123							
Clothing, men's.....	8	322				3	42	3	103											
Cotton goods.....	16	21,183				2	33						4	675	3	1,127	2	1,417	5	
Cutlery and edge tools.....	4	280		1	4					1	60	2	216							
Electrical machinery, apparatus, and supplies.....	7	425				2	12	2	69	2	131	1	213							
Foundry and machine-shop products.....	53	2,291	2	16	43	14	157	13	418	5	336	2	281					1	1,056	
Furniture.....	19	627	2	3	3	4	54	7	278	2	154	1	138							
Gas, illuminating and heating.....	13	209		3	8	6														
Knit goods.....	16	2,979						3	83	3	291	6	950	3	1,066	1	584			
Leather, tanned, curried, and finished.....	7	709		2	6					2	142	2	253	1	308					
Lumber and timber products.....	327	4,976	6	174	408	108	1,217	26	844	8	522	3	575	1	327			1	1,083	
Lumber, planing-mill products, not including planing mills connected with sawmills.....	33	524	6	16	40	3	40	5	182	2	146	1	116							
Marble and stone work.....	70	776	12	36	86	13	145	4	93	4	285	1	167							
Needles, pins, and hooks and eyes.....	9	983		1	2			2	85	1	97	5	790							
Paper and wood pulp.....	27	5,000				8	107	8	256	4	264	3	418	3	1,447			1	2,508	
Printing and publishing, book and job.....	63	361	22	29	60	10	82	1	28			1	191							
Printing and publishing, newspapers and periodicals.....	65	436	16	32	89	11	134	5	160	1	53									
Textile machinery and parts.....	11	1,109		1	2	4	38	2	62	1	57	2	259				1	661		
Tobacco, cigars.....	19	1,059	5	8	16	5	61										1	982		
Toys and games.....	10	208		4	11	2	16	3	70			1	111							
Wood, turned and carved.....	16	237	1	4	6	8	110	2	65	1	56									
Woolen goods.....	39	5,817		1	1			2	84	14	1,021	18	2,835	4	1,376					
Worsted goods.....	5	4,455		1	1	1	17			1	95	1	237					1	4,105	
All other industries.....	422	11,752	44	235	422	69	758	36	1,201	18	1,282	12	1,972	4	1,357	2	1,288	2	8,472	
Total for cities.....	532	50,745	49	226	507	97	1,013	61	2,038	33	2,335	34	5,225	14	5,451	8	5,622	10	28,524	
BERLIN.....	25	4,236	2	13	40	5	44	2	63				1	498			2	3,591		
CONCORD.....	76	2,444	11	20	69	18	205	9	280	3	209	4	647	1	301	1	743			
DOVER.....	39	2,334	1	21	47	6	82	4	119	2	144	3	386	1	478			1	1,078	
KEENE.....	64	2,185	3	22	46	13	155	9	320	11	810	6	854							
LACONIA.....	32	2,579	5	8	24	5	39	4	158	3	269	4	544	2	884	1	661			
MANCHESTER.....	165	25,512	20	67	165	30	289	19	634	7	458	7	1,187	7	2,693	3	2,240	5	17,846	
NASHUA.....	92	8,264	3	41	79	16	165	12	412	6	353	9	1,403	1	289	3	1,978	1	3,585	
PORTSMOUTH.....	39	3,191	4	25	47	4	34	2	52	1	92	1	204	1	338			1	2,424	

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes.....	1,499	1,736	1,961	83,074	78,993	78,658	\$407,204,934	\$182,843,863	\$164,531,019	\$167,677,317	\$67,850,428	\$66,424,003
Less than \$5,000.....	322	524	663	236	697	963	782,834	1,276,913	1,603,993	475,523	837,380	1,084,742
\$5,000 to \$20,000.....	432	581	648	1,450	3,027	3,695	4,658,294	6,096,318	6,733,411	2,634,800	3,490,768	8,810,066
\$20,000 to \$100,000.....	405	400	432	5,044	8,797	9,666	17,584,076	17,322,635	18,059,062	8,900,083	8,660,410	9,504,982
\$100,000 to \$500,000.....	213	160	184	13,249	24,784	26,809	51,658,874	35,305,424	57,399,937	25,154,680	23,428,906	24,282,557
\$500,000 to \$1,000,000.....	51	33	34	7,754	41,688	37,525	36,558,260	22,793,338	80,784,016	16,083,189	31,462,969	27,791,656
\$1,000,000 and over.....	76	38		55,332			295,962,596	100,049,235		114,429,142		
PER CENT DISTRIBUTION.												
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	21.5	30.2	33.8	0.3	0.9	1.2	0.2	0.7	1.0	0.3	1.2	1.6
\$5,000 to \$20,000.....	28.8	33.5	33.0	1.8	3.8	4.7	1.1	3.3	4.1	1.6	5.1	5.7
\$20,000 to \$100,000.....	27.0	23.0	22.0	6.1	11.1	12.3	4.3	9.5	11.0	5.3	12.8	14.3
\$100,000 to \$500,000.....	14.2	9.2	9.4	15.9	31.4	34.1	12.7	19.3	34.9	15.0	34.5	36.6
\$500,000 to \$1,000,000.....	8.4	1.9	1.7	8.3	52.8	47.7	9.0	12.5	49.1	9.6	46.4	41.8
\$1,000,000 and over.....	5.1	2.2		66.6			72.7	54.7		68.2		

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
BOOTS AND SHOES	52	55	100.0	100.0	12,336	12,937	100.0	100.0	\$73,870,588	\$37,604,039	100.0	100.0	\$22,815,088	\$11,298,967	100.0	100.0
Less than \$20,000.....	3	6	5.8	10.9	12	28	0.1	0.2	21,953	55,445	(1)	0.1	4,300	31,109	(1)	0.3
\$20,000 to \$100,000.....	5	6	9.6	10.9	128	171	1.0	1.3	278,725	327,480	0.4	0.9	120,455	150,367	0.5	1.3
\$100,000 to \$500,000.....	16	22	30.8	40.0	1,438	2,499	11.7	42.5	6,315,159	5,764,880	8.5	15.3	2,563,606	2,643,358	11.2	41.1
\$500,000 to \$1,000,000.....	7	10	13.5	18.2	1,130	1,300	9.2	10.0	5,500,381	7,068,632	7.5	18.8	2,056,604	2,474,133	9.0	67.3
\$1,000,000 and over.....	21	11	40.4	20.0	9,628	7,239	78.0	56.0	61,748,370	24,447,590	83.6	64.9	18,070,033	6,474,133	79.2	67.3
BOXES, WOODEN PACKING, EXCEPT CIGAR BOXES	33	33	100.0	100.0	1,631	1,411	100.0	100.0	7,080,559	3,922,874	100.0	100.0	2,795,778	1,411,141	100.0	100.0
Less than \$20,000.....	6	3	18.2	9.1	28	6	1.7	0.4	52,370	13,567	0.7	0.3	26,244	6,069	0.9	0.5
\$20,000 to \$100,000.....	12	18	36.4	54.5	249	424	15.3	30.0	828,132	861,018	11.7	21.7	345,727	328,173	12.4	23.3
\$100,000 to \$500,000.....	11	12	33.3	36.4	664	981	40.7	69.5	2,909,191	3,058,280	41.1	78.0	1,010,151	1,070,290	36.1	70.3
\$500,000 and over.....	4	1	12.1	0.0	690	0	42.3	0.0	3,290,896	0	46.5	0.0	1,413,686	0	50.6	0.0
BREAD AND OTHER BAKERY PRODUCTS	127	152	100.0	100.0	471	480	100.0	100.0	4,009,425	1,076,355	100.0	100.0	1,221,732	603,491	100.0	100.0
Less than \$5,000.....	13	42	10.2	27.6	7	38	1.5	7.9	39,644	125,883	0.9	7.5	14,755	55,950	1.2	8.1
\$5,000 to \$20,000.....	53	94	41.7	61.8	72	273	15.3	56.9	635,428	930,782	15.6	55.9	216,700	393,114	17.7	50.7
\$20,000 to \$100,000.....	54	40	42.5	10.5	264	169	56.1	35.2	2,218,126	4,613,690	54.5	36.0	670,187	4,244,418	54.9	35.2
\$100,000 and over.....	7	7	5.5	0.0	128	0	27.2	0.0	1,176,227	0	29.0	0.0	320,081	0	26.2	0.0
COTTON GOODS	16	16	100.0	100.0	21,183	21,589	100.0	100.0	85,980,158	35,679,600	100.0	100.0	38,988,020	12,639,120	100.0	100.0
\$100,000 to \$500,000.....	24	4	25.0	25.0	2,404	2,051	2.2	0.5	23,235,089	1,027,466	2.6	2.9	2,331,320	1,324,816	2.1	10.2
\$500,000 to \$1,000,000.....	12	8	75.0	50.0	20,719	19,538	97.8	90.5	63,761,069	31,821,091	97.4	89.2	38,156,700	11,614,304	97.9	89.8
FLOUR-MILL AND GRISTMILL PRODUCTS	48	79	100.0	100.0	83	144	100.0	100.0	3,391,346	2,733,820	100.0	100.0	465,032	311,818	100.0	100.0
Less than \$5,000.....	7	6	14.6	7.6	0	2	0.0	1.4	18,940	15,936	0.6	0.6	4,349	3,446	0.9	1.1
\$5,000 to \$20,000.....	19	38	39.0	48.1	7	37	8.4	25.7	218,796	447,303	6.5	16.4	28,736	72,548	6.2	23.3
\$20,000 to \$100,000.....	19	32	39.0	40.5	25	62	30.1	43.1	714,929	1,069,909	21.1	39.1	84,028	150,696	18.3	48.3
\$100,000 and over.....	3	3	6.2	3.8	51	43	61.4	29.9	2,438,681	1,200,612	71.9	43.9	317,019	85,128	74.6	27.3
FOUNDRY AND MACHINE-SHOP PRODUCTS	68	69	100.0	100.0	3,537	2,500	100.0	100.0	15,434,949	5,041,104	100.0	100.0	9,578,352	3,131,003	100.0	100.0
Less than \$5,000.....	9	12	13.2	17.4	11	18	0.3	0.7	25,106	33,518	0.2	0.7	17,533	21,659	0.2	0.7
\$5,000 to \$20,000.....	11	22	16.2	31.9	37	129	1.0	5.2	111,931	217,870	0.7	4.3	80,418	147,812	0.8	4.7
\$20,000 to \$100,000.....	25	27	36.8	39.1	375	613	10.6	24.5	1,149,376	1,114,177	7.4	22.1	662,971	721,205	6.9	23.0
\$100,000 to \$500,000.....	18	8	26.5	11.6	947	1,740	26.8	69.6	3,468,555	3,875,539	22.4	72.9	2,236,118	2,240,327	23.3	71.6
\$500,000 and over.....	5	7	7.4	0.0	2,107	61.3	61.3	0.0	10,689,891	0	69.3	0.0	6,581,812	0	68.7	0.0
FURNITURE	19	26	100.0	100.0	627	745	100.0	100.0	2,438,781	1,554,272	100.0	100.0	1,382,070	831,323	100.0	100.0
Less than \$5,000.....	5	4	26.3	15.4	3	9	0.5	1.2	8,270	11,211	0.3	0.7	5,598	7,349	0.4	0.9
\$5,000 to \$20,000.....	4	4	21.1	15.4	34	34	5.4	4.6	43,069	43,069	1.7	2.8	25,313	25,313	1.9	3.0
\$20,000 to \$100,000.....	4	15	21.1	57.7	54	500	8.6	68.3	195,121	904,520	8.0	58.2	70,118	400,180	5.5	59.7
\$100,000 and over.....	10	3	52.6	11.5	570	193	90.9	25.9	2,235,300	595,463	91.7	38.3	1,300,268	302,475	94.1	36.4
KNIT GOODS	18	20	100.0	100.0	2,979	3,328	100.0	100.0	9,015,583	4,282,739	100.0	100.0	3,897,520	1,003,319	100.0	100.0
Less than \$20,000.....	3	4	16.7	20.0	88	20	3.0	0.8	172,908	22,782	1.9	0.5	10,646	10,646	0.3	0.6
\$20,000 to \$100,000.....	6	13	33.3	66.0	695	2,004	23.3	60.3	1,054,747	2,127,882	11.7	51.4	90,800	61,018	2.3	4.8
\$100,000 to \$500,000.....	4	4	25.0	0.0	971	33.6	33.6	0.0	2,890,130	0	32.2	0.0	900,249	21,801,650	24.0	94.7
\$500,000 to \$1,000,000.....	3	3	18.8	0.0	1,225	41.1	41.1	0.0	3,988,798	0	44.2	0.0	1,187,646	0	30.5	0.0
\$1,000,000 and over.....	3	3	18.8	0.0	1,225	41.1	41.1	0.0	3,988,798	0	44.2	0.0	1,187,646	0	30.5	0.0
LUMBER AND TIMBER PRODUCTS	327	433	100.0	100.0	4,976	5,062	100.0	100.0	14,992,066	10,734,757	100.0	100.0	8,877,369	5,951,302	100.0	100.0
Less than \$5,000.....	84	105	25.7	38.1	91	308	1.8	6.1	200,348	426,540	1.4	4.0	145,659	305,679	1.6	5.1
\$5,000 to \$20,000.....	119	163	36.4	37.6	585	1,047	11.8	20.7	1,248,849	1,850,108	8.3	17.2	913,018	1,207,003	10.3	20.3
\$20,000 to \$100,000.....	99	94	30.3	21.7	1,338	1,820	26.9	36.1	3,818,151	3,677,122	25.4	34.3	2,440,897	2,067,042	27.5	34.7
\$100,000 to \$500,000.....	22	11	6.7	2.5	1,412	1,881	28.4	37.2	4,378,887	4,780,987	29.2	44.5	2,642,848	2,370,918	29.8	30.8
\$500,000 and over.....	3	3	0.9	0.0	1,560	81.1	81.1	0.0	6,341,831	0	35.0	0.0	2,784,062	0	30.8	0.0
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAW-MILLS	33	47	100.0	100.0	524	791	100.0	100.0	2,136,905	1,861,425	100.0	100.0	882,400	739,327	100.0	100.0
Less than \$5,000.....	10	13	30.3	27.7	2	16	0.4	1.9	13,682	31,361	0.6	1.7	6,637	18,200	0.8	2.6
\$5,000 to \$20,000.....	9	15	27.3	31.9	27	81	5.2	10.2	90,307	138,925	4.2	7.5	35,078	84,885	4.0	11.5
\$20,000 to \$100,000.....	7	12	21.2	25.5	77	271	14.7	34.3	297,025	550,638	13.9	20.0	131,314	275,874	14.9	37.3
\$100,000 and over.....	7	7	21.2	14.9	418	424	79.8	53.6	1,735,891	1,140,506	81.2	61.3	700,371	300,368	80.4	48.7
MARBLE AND STONE WORK	70	85	100.0	100.0	776	1,176	100.0	100.0	2,130,643	1,803,656	100.0	100.0	1,711,561	1,408,263	100.0	100.0
Less than \$5,000.....	20	31	28.6	36.5	8	34	1.0	2.9	47,394	79,548	2.2	4.4	31,227	58,207	1.8	4.1
\$5,000 to \$20,000.....	27	34	38.6	40.0	84	196	10.8	16.7	276,795	330,100	13.0	18.3	159,326	243,100	11.1	17.3
\$20,000 to \$100,000.....	18	16	25.7	18.8	232	482	29.9	41.0	680,971	680,971	32.4	37.7	405,571	522,817	20.0	37.1
\$100,000 and over.....	5	4	7.1	4.7	452	464	58.2	39.5	1,117,083	713,911	52.4	39.6	995,437	584,139	58.2	41.6
PAPER AND WOOD PULP	27	30	100.0	100.0	5,000	3,905	100.0	100.0	41,825,551	17,708,138	100.0	100.0	16,991,555	5,171,062	100.0	100.0
\$20,000 to \$100,000.....	5	13	18.5	43.3	68	228	1.4	5.8	399,905	808,483	1.0	4.6	210,841	287,408	1.2	5.6
\$100,000 to \$500,000.....	12	8	44.4	26.7	380	1,137	7.6	29.1	2,452,960	1,510,252	5.9	8.5	982,203	1,479,250	5.8	28.6
\$500,000 to \$1,000,000.....	3	4	11.1	13.3	179	300	3.6	7.7	1,631,644	2,640,342	3.9	14.9	604,068	1,070,000	3.0	11.1
\$1,000,000 and over.....	7	5	25.9	16.7	4,373	2,540	87.5	65.0	37,341,042	12,749,061	89.3	72.0	15,134,443	3,404,408	89.1	65.8
WOOLEN AND WORSTED GOODS	44	40	100.0	100.0	9,772	9,532	100.0	100.0	45,943,993	15,039,284	100.0	100.0	10,404,767	4,952,463	100.0	100.0
Less than \$20,000.....	3	3	7.5	0.0	12	0	0.1	0.0	22,350	0	0.0	0.0	3,909	0	0.1	0.0
\$20,000 to \$100,000.....	17	8	38.6	20.0	461	0	4.8	0.0	642,783	0	1.4	0.0	278,453	0	2.6	0.0
\$100,000 to \$500,000.....	17	25	38.6	62.5	1,097	7,059	11.2	95.0	4,714,484	6,453,398	10.3	42.0	1,804,100	74,070,101	9.3	94.3
\$500,000 to \$																

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

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
BERLIN.....	25	4,236	100.0	\$30,652,522	100.0	\$13,313,638	100.0	LACONIA.....	32	2,579	100.0	\$11,847,851	100.0	\$5,854,102	100.0
Less than \$20,000.....	10	20	0.5	76,266	0.2	36,580	0.3	Less than \$5,000.....	6	4	0.2	13,858	0.1	9,917	0.2
\$20,000 to \$100,000.....	9	50	1.2	267,230	0.9	133,984	1.0	\$5,000 to \$20,000.....	5	16	0.6	52,609	0.4	29,193	0.5
\$100,000 to \$500,000.....	3	77	1.8	414,431	1.4	185,318	1.4	\$20,000 to \$100,000.....	9	107	4.1	433,461	3.7	166,792	2.8
\$1,000,000 and over.....	3	4,089	96.5	29,894,595	97.5	12,957,756	97.3	\$100,000 to \$500,000.....	4	768	29.8	2,126,189	17.9	1,185,645	20.3
								\$500,000 and over.....	4	1,684	65.3	9,221,734	77.8	4,462,555	76.2
CONCORD.....	76	2,444	100.0	12,441,751	100.0	5,706,381	100.0	MANCHESTER.....	165	25,512	100.0	117,493,082	100.0	45,705,557	100.0
Less than \$5,000.....	16	3	0.1	40,048	0.3	23,028	0.4	Less than \$5,000.....	26	12	(1)	57,493	(1)	30,706	0.1
\$5,000 to \$20,000.....	25	76	3.1	275,456	2.2	153,955	2.7	\$5,000 to \$20,000.....	47	126	0.5	542,345	0.5	285,733	0.6
\$20,000 to \$100,000.....	20	200	11.9	884,566	7.1	524,089	9.1	\$20,000 to \$100,000.....	47	447	1.8	2,057,978	1.8	925,345	2.0
\$100,000 to \$500,000.....	9	509	20.8	2,447,910	19.7	1,418,402	24.6	\$100,000 to \$500,000.....	24	1,259	4.9	5,431,311	4.6	2,573,485	5.6
\$500,000 and over.....	6	1,566	64.1	8,793,771	70.7	3,646,247	63.2	\$500,000 to \$1,000,000.....	4	555	2.2	2,624,373	2.2	1,182,401	2.6
								\$1,000,000 and over.....	17	23,113	90.6	106,779,582	90.9	40,707,887	89.1
DOVER.....	39	2,334	100.0	13,934,975	100.0	5,490,672	100.0	NASHUA.....	92	8,264	100.0	48,985,184	100.0	17,029,919	100.0
Less than \$5,000.....	8	8	0.3	18,911	0.1	12,237	0.2	Less than \$5,000.....	17	14	0.2	51,614	0.1	33,340	0.2
\$5,000 to \$20,000.....	10	23	1.0	94,409	0.7	52,003	0.9	\$5,000 to \$20,000.....	22	58	0.7	245,872	0.5	131,968	0.8
\$20,000 to \$100,000.....	12	193	8.3	549,770	3.9	230,669	4.3	\$20,000 to \$100,000.....	26	374	4.5	1,432,953	2.9	667,482	3.9
\$100,000 to \$500,000.....	5	283	12.3	965,702	6.9	425,112	7.7	\$100,000 to \$500,000.....	15	959	11.6	3,214,733	6.6	1,944,413	11.4
\$1,000,000 and over.....	4	1,822	78.1	12,306,183	88.3	4,704,651	86.8	\$500,000 to \$1,000,000.....	4	680	8.2	2,578,400	5.3	1,399,578	8.2
								\$1,000,000 and over.....	8	6,179	74.8	41,461,612	84.6	12,833,138	75.5
KEENE.....	64	2,185	100.0	8,513,980	100.0	4,175,440	100.0	PORTSMOUTH.....	39	3,191	100.0	14,060,887	100.0	8,113,444	100.0
Less than \$5,000.....	14	14	0.6	38,203	0.4	25,408	0.6	Less than \$5,000.....	9	7	0.2	28,080	0.2	16,443	0.2
\$5,000 to \$20,000.....	10	38	1.7	139,022	1.6	81,176	1.9	\$5,000 to \$20,000.....	18	32	1.0	150,253	1.1	75,044	0.9
\$20,000 to \$100,000.....	16	223	10.2	793,878	9.3	404,988	9.7	\$20,000 to \$100,000.....	8	42	1.3	319,355	2.3	138,200	1.7
\$100,000 to \$500,000.....	20	1,332	61.0	4,706,805	55.3	2,406,836	57.6	\$100,000 and over.....	6	3,110	97.5	13,562,199	96.5	7,883,757	97.2
\$500,000 and over.....	4	578	26.5	2,836,067	33.3	1,257,032	30.1								

¹ Less than one-tenth of 1 per cent.

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

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.						
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Corpora- tions.	All others.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.				
All industries.....	1919	713	461	325	83,074	5,762	71,774	5,538	6.9	86.4	6.7	\$407,204,934	\$23,505,739	\$358,832,142	\$24,867,053	5.8	88.1	6.1				
	1914	966	452	318	78,993	7,548	65,742	5,703	9.6	83.2	7.2	182,843,863	17,862,406	151,189,609	13,791,848	9.8	82.7	7.5				
	1900	1,122	424	416	78,658	8,225	61,053	8,780	10.5	78.4	11.2	164,581,019	16,987,245	126,642,602	20,951,172	10.3	76.9	12.7				
Boots and shoes.....	1919	4	39	9	12,336	293	11,140	903	2.4	90.3	7.3	73,870,588	1,681,112	68,177,649	4,011,827	2.3	92.3	5.4				
	1914	9	30	10	12,937	573	11,293	1,071	4.4	87.3	8.3	37,664,039	1,289,025	34,046,642	2,328,372	3.4	90.4	6.2				
Boxes, wooden packing, except cigar boxes.	1919	10	18	5	1,631	344	1,019	268	21.1	62.5	16.4	7,080,559	1,668,819	4,383,338	1,028,402	23.6	61.9	14.5				
	1914	15	16	2	1,411	1,550	861	268	39.0	61.0	.....	3,922,874	1,557,940	2,364,934	39,700	39.7	60.3	.....			
Bread and other bakery products.	1919	91	6	30	471	260	56	155	55.2	11.9	32.9	4,069,425	2,183,039	358,021	1,528,365	53.6	8.8	37.6				
	1914	129	8	20	480	333	31	116	69.4	6.5	24.2	1,676,355	1,178,346	96,260	401,749	70.3	5.7	24.0				
Cotton goods.....	1919	15	1	1	21,183	21,183	.....	.....	100.0	.....	.....	85,986,158	185,986,158	.....	.....	100.0	.....	.....		
	1914	1	15	.....	21,589	21,589	.....	.....	100.0	.....	.....	35,679,660	35,679,660	.....	.....	100.0	.....	.....		
Flour-mill and gristmill products.	1919	27	5	16	83	19	46	18	22.9	55.4	21.7	3,391,346	493,077	2,157,232	741,037	14.5	63.6	21.9				
	1914	46	5	28	144	57	46	41	39.6	31.9	28.5	2,733,820	875,235	1,133,793	724,792	32.0	41.5	26.5				
Foundry and machine- shop products *	1919	21	36	11	3,537	107	3,268	162	3.0	92.4	4.6	15,434,949	421,048	14,515,287	498,614	2.7	94.0	3.3				
	1914	26	30	13	2,500	165	2,167	168	6.6	86.7	6.7	5,041,104	308,945	4,341,018	391,141	6.1	86.1	7.3				
Furniture.....	1919	7	8	4	627	131	446	50	20.9	71.1	8.0	2,438,781	365,608	1,851,381	221,792	15.0	75.9	9.1				
	1914	5	16	5	745	39	576	130	5.2	77.3	17.4	1,554,272	90,381	1,212,471	251,420	5.8	78.0	16.2				
Knit goods.....	1919	1	13	2	2,979	2,434	545	.....	81.7	18.3	.....	9,015,583	7,712,230	1,303,353	.....	85.5	14.5	.....			
	1914	3	12	5	3,328	170	2,437	721	5.1	73.2	21.7	4,282,739	240,166	3,296,657	745,916	5.6	77.0	17.4				
Leather, tanned, curried, and finished.	1919	.....	7	.....	709	709	.....	.....	100.0	.....	.....	7,309,472	7,309,472	.....	.....	100.0	.....	.....		
	1914	2	5	1	452	1,195	257	.....	43.1	56.9	.....	2,863,759	1,541,456	1,322,303	.....	53.8	46.2	.....			
Lumber and timber products.	1919	193	47	87	4,976	1,114	2,907	955	22.4	58.4	19.2	14,992,066	2,590,521	9,529,223	2,872,322	17.3	63.6	19.2				
	1914	311	42	80	5,062	1,916	2,303	843	37.9	45.5	16.7	10,734,757	3,583,664	5,496,493	1,654,600	33.4	51.2	15.4				
Lumber, planing-mill products, not in- cluding planing mills connected with saw- mills.	1919	20	6	7	524	90	269	165	17.2	51.3	31.5	2,136,905	384,315	1,142,977	609,613	18.0	53.5	28.5				
	1914	20	13	14	791	139	381	271	17.6	48.2	34.3	1,861,425	283,161	1,076,358	496,906	15.5	57.8	26.7				
Marble and stone work...	1919	39	9	22	776	158	326	292	20.4	42.0	37.6	2,130,643	470,945	751,141	908,557	22.1	35.3	42.6				
	1914	45	12	28	1,176	197	611	368	16.8	52.0	31.3	1,803,656	421,112	778,830	603,714	23.3	43.2	33.5				
Paper and wood pulp....	1919	.....	22	5	5,000	4,887	113	.....	97.7	2.3	.....	41,825,551	40,730,705	1,094,846	.....	97.4	2.6	.....			
	1914	1	23	6	3,905	3,549	356	.....	90.9	9.1	.....	17,708,138	16,491,371	1,216,767	.....	93.1	6.9	.....			
Woolen and worsted goods.	1919	9	32	3	9,772	654	8,946	172	6.7	91.5	1.8	45,943,993	3,610,752	41,211,574	1,121,667	7.9	89.7	2.4				
	1914	12	23	5	9,532	662	8,526	344	6.9	89.4	3.6	15,039,284	1,261,236	12,959,777	827,271	8.4	86.1	5.5				

¹ Includes the group "All others."
² Includes "iron and steel, welding"; "machine tools"; and "textile machinery and parts."

MANUFACTURES—NEW HAMPSHIRE.

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

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.							VALUE OF PRODUCTS.						
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Corpora- tions.	All others.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.
Total for cities.....	1919 1914	231 272	192 197	109 94	50,745 47,023	2,227 2,874	46,111 42,426	2,407 1,723	4.4 6.1	90.9 90.2	4.7 3.7	\$257,930,232 111,434,728	\$9,726,727 7,679,509	\$238,872,841 99,016,819	\$9,330,664 4,738,400	3.8 6.9	92.6 88.9	3.6 4.3
BERLIN.....	1919 1914	10 8	8 7	7 4	4,236 2,680	48 64	4,165 2,599	23 17	1.1 2.4	98.3 97.0	0.5 0.6	30,652,522 13,089,804	287,323 135,450	30,227,769 12,911,700	137,430 42,654	0.9 1.0	98.6 98.6	0.4 0.3
CONCORD.....	1919 1914	35 35	24 31	17 20	2,444 2,856	157 144	1,987 2,279	300 433	6.4 5.0	81.3 79.8	12.3 15.2	12,441,751 6,743,687	634,547 286,737	10,786,080 5,632,279	1,021,121 824,671	5.1 4.3	86.7 83.5	8.2 12.2
DOVER.....	1919 1914	23 40	11 9	5 9	2,334 2,483	150 321	2,086 2,107	98 55	6.4 12.9	80.4 84.9	4.2 2.2	13,934,975 5,682,095	600,134 1,848,943	13,100,716 3,733,937	144,125 90,215	5.0 32.5	94.0 65.7	1.0 1.7
KEENE.....	1919 1914	23 24	30 33	11 11	2,185 2,068	158 168	1,788 1,764	239 136	7.2 8.1	81.8 85.3	10.9 6.6	8,513,980 3,918,449	589,192 305,678	7,120,013 3,213,984	804,775 308,787	6.9 10.1	83.6 82.0	9.5 7.9
LACONIA.....	1919 1914	12 28	15 16	5 11	2,579 2,621	129 269	1,987 1,775	463 577	5.0 10.3	77.0 67.7	18.0 22.0	11,847,851 4,496,770	737,039 543,628	10,278,783 3,444,211	832,029 508,931	6.2 12.1	86.8 76.6	7.0 11.3
MANCHESTER.....	1919 1914	68 78	60 51	37 22	25,512 25,843	1,204 1,840	23,786 24,249	522 254	4.7 5.2	93.2 93.8	2.0 1.0	117,493,082 50,799,667	5,021,391 3,117,540	109,587,027 46,930,092	2,884,664 752,125	4.3 6.1	93.3 92.4	2.5 1.5
NASHUA.....	1919 1914	40 35	34 38	18 14	8,264 7,382	349 507	7,198 6,642	717 233	4.2 6.9	87.1 90.0	8.7 3.2	48,985,184 2,780,444	1,525,580 1,161,622	44,242,613 10,475,575	3,210,091 2,143,247	3.1 5.1	90.3 85.5	6.6 9.4
PORTSMOUTH.....	1919 1914	20 24	10 12	9 3	3,191 1,000	32 61	3,114 1,011	45 18	1.0 5.6	97.6 92.8	1.4 1.7	14,060,887 3,923,812	241,521 189,911	13,529,840 3,675,131	289,526 58,770	1.7 4.8	96.2 93.7	2.1 1.5

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

	Cen- sus year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.						THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		Number or amount.	Per cent of aggre- gate.
			Number or amount.	Per cent of aggre- gate.	Number or amount.	Per cent of aggre- gate.	Number or amount.	Per cent of aggre- gate.		
Number of places.....	1919 1914 1909		8 8 8		6 6 6		2 2 2			
Population ¹	1920 1915 1910	443,083 438,662 430,572	193,739 184,187 174,112	43.7 42.0 40.4	86,976 81,651 78,044	19.6 18.6 18.1	106,763 102,536 90,068	24.1 23.4 22.3	249,344 254,475 250,460	56.3 58.0 59.6
Number of establishments.....	1919 1914 1909	1,499 1,736 1,961	532 563 616	35.5 32.4 31.4	275 325 337	18.3 18.7 17.2	257 238 279	17.1 13.7 14.2	967 1,173 1,345	64.5 67.6 68.6
Average number of wage earners.....	1919 1914 1909	83,074 78,903 78,658	50,745 47,023 45,196	61.1 59.5 57.5	16,959 13,708 13,196	20.4 17.5 16.8	33,770 33,225 32,000	40.7 42.1 40.7	32,320 31,070 33,462	38.9 40.5 42.5
Value of products.....	1919 1914 1909	\$407,204,934 \$182,848,863 \$164,581,019	\$257,930,232 \$111,434,728 \$66,114,271	63.3 60.9 58.4	\$91,451,966 \$78,854,617 \$31,976,218	22.5 20.7 19.4	\$160,478,266 \$73,580,111 \$44,138,053	40.9 40.2 39.0	\$140,274,702 \$71,409,135 \$68,466,748	36.7 39.1 41.6
Value added by manufacture.....	1919 1914 1909	167,677,317 67,850,428 66,424,093	105,440,153 39,714,376 37,496,637	62.9 58.5 56.4	42,713,677 16,031,624 14,234,758	25.5 23.6 21.4	62,735,476 23,682,752 23,261,870	37.4 34.0 35.0	62,228,164 28,130,052 28,927,306	37.1 41.6 43.5

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

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

INDUSTRY.	VALUE OF PRODUCTS.				INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.			Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
Boots and shoes, including cut stock and findings.....	\$50,423,909	52.4	\$31,623,180	168.2	Printing and publishing, newspapers and periodicals.....	\$566,388	39.8	\$179,263	46.3
Tobacco, cigars.....	3,915,029	97.6	1,639,052	72.0	Cotton goods.....				
Boxes, wooden packing, except cigar boxes.....	1,596,254	22.5	563,647	117.9	Knit goods.....				
Bread and other bakery products.....	1,224,267	30.1	754,566	100.6	Leather, tanned, curried, and finished.....				
Lumber, planing-mill products, not including planing mills connected with sawmills.....	570,407	26.7	73,518	14.8	Textile machinery and parts.....				
					Worsted goods.....				

¹ Figures can not be shown without disclosing individual operations.

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

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
	1919	1914	1909	Amount.			Per cent distribution.		
				1919	1914	1909	1919	1914	1909
Primary power, total.....	7,941	4,902	3,415	340,138	344,093	293,991	100.0	100.0	100.0
Owned.....	1,502	2,121	2,399	264,201	291,434	268,407	75.7	84.7	91.3
Steam.....	815	1,079	1,191	147,240	161,001	139,158	42.2	46.8	47.3
Engines.....	768	(2)	(2)	95,358	(2)	(2)	27.3		
Turbines.....	47	(2)	(2)	51,882	(2)	(2)	14.9		
Internal-combustion engines.....	106	131	108	1,676	1,841	1,238	0.5	0.5	0.4
Water.....	641	911	1,100	116,375	128,592	128,011	33.0	37.4	43.6
Water wheels and turbines.....	632	889	1,076	115,338	127,845	127,490	33.0	37.2	43.4
Water motors.....	9	22	24	37	747	521	(2)	0.2	0.2
Rented.....	6,379	2,781	1,016	84,847	52,659	25,584	24.3	15.3	8.7
Electric.....	6,379	2,781	1,016	84,601	49,171	21,209	24.2	14.3	7.2
Other.....				246	3,488	4,375	0.1	1.0	1.5
Electric.....	9,297	4,379	1,686	151,718	102,612	45,351	100.0	100.0	100.0
Rented.....	6,379	2,781	1,016	84,601	49,171	21,209	55.8	47.9	46.8
Generated by establishments reporting.....	2,918	1,598	670	67,117	53,441	24,142	44.2	52.1	53.2

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

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....	286,885	539,405	30,964	578,398	27,656	20,910
Per cent of increase ¹	101.330	635,885	10,169	46,561	(1)	19,523
	183.1	-15.2	204.5	1,201.6	(1)	7.1
Boots and shoes.....	3,028	20,497		250	183	138
Bread and other bakery products.....	3,734	3,535	696	75	73	283
Brick.....	812	3,937		1	26	
Buttons.....	24	7,700				
Cars and general shop construction and repairs by steam-railroad companies.....	6,262	14		2,947		
Cars, steam-railroad, not including operations of railroad companies.....	2,500	7,100	500	3,000		
Cotton goods.....	58,175	129,636	15,348	7,070		
Foundry and machine-shop products.....	1,942	6,113	4,041	191	485	6,001
Gas, illuminating and heating.....	4,658	19,306	8,825	22,536	23,401	96
Knit goods.....	836	8,655	70			
Leather, tanned, curried, and finished.....	1,289	5,258				
Marble and stone work.....	163	5,887	8	117	218	
Paper and wood pulp.....	179,355	158,457		522,000	120	
Paper goods, not elsewhere specified.....	2,359	4,887				
Shipbuilding, steel.....		7,113		9,000		
Silk goods.....		9,286				
Textile machinery and parts.....	40	2,237		1,833		6,334
Woolen goods.....	175	75,598			21	
Worsted goods.....	24,043	22,910	66	3,030		
All other industries.....	4,262	35,471	1,359	6,348	3,129	9,058
Total for cities.....	275,215	235,187	28,622	47,030	24,654	14,986
BERLIN.....	177,058	30,758	226		42	
CONCORD.....	1,607	9,629	1,819	8,925	170	5,810
DOVER.....	1,171	8,819	16,737	2,317	20	84
KEENE.....	1,931	10,073	318	3,839	701	620
LACONIA.....	3,701	11,249	1,116	5,861	70	6,435
MANCHESTER.....	83,131	89,698	7,198	11,683	23,424	1,622
NASHUA.....	5,207	51,271	1,700	6,005	192	564
PORTSMOUTH.....	509	23,690	513	9,200	26	351

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

SPECIAL STATISTICS.

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

Cotton goods (Table 19).—This table gives the quantity and cost of materials and the quantity and value of products of the cotton-goods industry in New Hampshire for the census years 1919, 1914, and 1909.

TABLE 19.—COTTON GOODS: 1919, 1914, AND 1909.

	1919	1914	1909 ¹
MATERIALS.			
Total cost.....	\$46,998,138	\$22,740,540	\$19,123,850
Cotton:			
Domestic—			
Pounds.....	122,623,353	134,996,047	136,801,463
Cost.....	\$35,493,456	\$16,904,341	\$14,751,838
Foreign—			
Pounds.....	7,153,126	6,415,766	1,731,164
Cost.....	\$1,941,531	\$991,309	\$248,897
Yarn, purchased:			
Pounds.....	2,380,772	1,047,088	1,884,910
Cost.....	\$1,291,064	\$402,224	\$389,009
Cotton waste, purchased:			
Pounds.....	8,850,722	1,422,815	1,067,102
Cost.....	\$657,449	\$124,519	\$77,884
Starch, cost.....	\$233,296	\$176,701	\$205,768
Chemicals and dyestuffs, cost.....	\$1,232,784	\$879,600	\$416,498
Fuel and rent of power, cost.....	\$1,845,321	\$503,349	\$712,663
All other materials, cost.....	\$4,303,237	\$2,658,497	\$2,321,293
PRODUCTS.			
Total value.....	\$85,986,158	\$35,679,660	\$33,601,830
Unbleached and bleached sheetings, shirtings, and muslins: ²			
Pounds.....	11,671,242	(³)	(³)
Square yards.....	41,327,018	54,353,854	62,200,189
Value.....	\$3,540,052	\$3,443,893	\$3,588,372
Twills, satens, etc.:			
Pounds.....	12,173,740	(³)	(³)
Square yards.....	28,112,365	45,353,004	47,921,784
Value.....	\$3,250,468	\$4,039,594	\$4,372,001
Napped fabrics:			
Pounds.....	46,010,809	(³)	(³)
Square yards.....	73,470,351	49,650,233	71,473,313
Value.....	\$23,577,161	\$5,192,818	\$3,567,134
Bags and bagging, value.....	\$479,500	\$522,527	\$696,709
All other woven goods:			
Pounds.....	47,022,122	(³)	(³)
Square yards.....	123,405,532	205,083,393	220,047,387
Value.....	\$39,440,661	\$19,386,926	\$15,761,015
Yarns, for sale:			
Pounds.....	3,811,883	968,319	1,930,524
Value.....	\$2,777,734	\$341,886	\$527,621
Cotton waste, not used for further manufacture:			
Pounds.....	7,499,957	15,360,363	12,360,641
Value.....	\$451,430	\$409,865	\$293,256
Contract work, value.....	\$630,674	(³)	(³)
All other products, value.....	\$1,844,478	\$1,442,151	\$1,825,762

¹ Includes establishments engaged primarily in the manufacture of cotton small wares.

² The figures for these fabrics at the census of 1909 represent the combined quantities and values of those designated as "plain cloths for printing and convinging" and "brown or bleached sheetings and shirtings."

³ Not reported separately.

In 1919 raw cotton constituted a large proportion of the total cost of materials (79.7 per cent). From 1909 to 1914 there was an increase of 2.1 per cent in the quantity of raw cotton used as material, but a decrease of 8.2 per cent from 1914 to 1919, which results in a decrease of 6.3 per cent for the ten-year period 1909-1919. There has been little trading of

yarn in the state during the decade 1909-1919. In 1919 the cost of yarn purchased and consumed represented only 2.7 per cent of the total cost of materials, and that produced for sale 3.2 per cent of the value of products for the industry. Since the value of woven goods represented 93.4 per cent of the total value of products for the industry in the state in 1919, 93.9 per cent in 1914, and 92.2 per cent in 1909, the condition of the cotton-goods industry for the state may best be measured by the decrease in the number of square yards of such manufactures. The figures in the table show a decrease of 11.9 per cent in the number of square yards of woven goods from 1909 to 1914, and 24.9 per cent from 1914 to 1919, or 33.8 per cent during the ten years from 1909 to 1919.

Woolen and worsted goods (Table 20).—This table gives a detailed account of the industry with reference to the quantity and cost of materials used and the quantity and value of products for the census years 1919, 1914, and 1909.

Manufacturers of woolen and worsted goods in this state generally produce a large share of their own yarn for the manufacture of woven goods. Wool was the principal raw material used, being 56.1 per cent of the total cost of materials in 1919, 48.2 per cent in 1914, and 63.2 per cent in 1909.

TABLE 20.—WOOLEN AND WORSTED GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$26,479,230	\$10,086,821	\$11,095,070
Wool:			
Foreign (in condition purchased)—			
Pounds.....	10,904,885	11,313,239	10,706,575
Cost.....	\$9,006,370	\$3,143,684	\$3,027,868
Domestic (in condition purchased)—			
Pounds.....	10,743,702	5,818,251	12,027,487
Cost.....	\$3,238,532	\$1,721,846	\$3,383,625
Equivalent in scoured condition, pounds—			
In grease—			
Foreign, pounds.....	12,533,273	(¹)	(¹)
Domestic, pounds.....	14,667,085	(¹)	(¹)
Scoured—			
Foreign, pounds.....	6,377,445	(¹)	(¹)
Domestic, pounds.....	7,518,242	(¹)	(¹)
Cotton:			
Pounds.....	903,008	2,290,290	489,543
Cost.....	\$342,511	\$270,405	\$78,358
Rags, clippings, etc.:			
Pounds.....	4,439,364	5,325,635	4,037,235
Cost.....	\$1,108,421	\$387,805	\$403,774
Recovered wool fiber:			
Pounds.....	3,655,490	2,568,081	2,423,570
Cost.....	\$1,496,343	\$386,501	\$272,794
Waste and noils:			
Pounds.....	3,655,471	2,832,611	1,977,694
Cost.....	\$2,240,208	\$603,806	\$537,262
Yarn, purchased:			
Woolen and worsted—			
Pounds.....	253,864	127,272	526,532
Cost.....	\$677,954	\$55,855	\$430,205
Cotton—			
Pounds.....	1,182,461	1,355,139	1,183,680
Cost.....	\$736,379	\$357,337	\$277,006
All other—			
Pounds.....	32,128	(¹)	(¹)
Cost.....	\$149,816	(¹)	(¹)
Chemicals and dyestuffs, cost.....	\$1,271,023	\$387,565	\$430,271
Fuel and rent of power, cost.....	\$887,643	\$417,045	\$305,525
All other materials, cost.....	\$2,027,946	\$2,290,832	\$1,287,602

¹ Not reported separately.

TABLE 20.—WOOLEN AND WORSTED GOODS: 1919, 1914, AND 1909—Continued.

PRODUCTS.	1919	1914	1909
Total value.....	\$45,943,993	\$15,039,284	\$16,730,652
All-wool woven goods:			
Pounds.....	27,004,804	(1)	(1)
Square yards.....	22,404,850	20,880,031	25,922,838
Value.....	\$32,877,902	\$10,081,736	\$11,791,315
Woolen and worsted suitings, dress goods, overcoatings, and cloakings—			
Pounds.....	27,701,130	(1)	(1)
Square yards.....	22,031,738	7,257,404	8,455,368
Value.....	\$31,726,673	\$4,080,149	\$4,480,947
All other—			
Pounds.....	203,474	(1)	(1)
Square yards.....	372,612	13,622,627	17,467,470
Value.....	\$652,229	\$6,001,687	\$7,310,368
Wool-and-cotton-mixed woven goods:			
Pounds.....	2,205,432	(1)	(1)
Square yards.....	3,207,430	4,717,530	5,010,181
Value.....	\$3,504,314	\$1,307,794	\$1,651,492
Suitings, dress goods, overcoatings, and cloakings—			
Pounds.....	1,331,668	(1)	(1)
Square yards.....	1,574,108	3,707,146	3,973,788
Value.....	\$1,793,096	\$966,761	\$1,436,933
All other—			
Pounds.....	873,764	(1)	(1)
Square yards.....	1,633,331	1,010,384	1,036,393
Value.....	\$1,711,218	\$311,033	\$214,559
Cotton-warp woven goods:			
Pounds.....	4,993,556	(1)	(1)
Square yards.....	7,657,163	13,508,725	7,994,757
Value.....	\$6,509,014	\$2,811,253	\$1,903,901
Suitings, dress goods, overcoatings, and cloakings—			
Pounds.....	3,069,644	(1)	(1)
Square yards.....	4,451,877	3,483,608	5,142,088
Value.....	\$3,936,467	\$826,122	\$1,081,067
All other—			
Pounds.....	1,923,912	(1)	(1)
Square yards.....	3,206,286	10,025,117	2,852,669
Value.....	\$2,573,547	\$1,986,136	\$322,834
Partly manufactured products for sale, value.....	\$2,853,410	\$587,016	\$1,083,637
All other products, value.....	\$337,746	\$182,171	\$251,476
Amount received for contract work.....	\$361,598	\$69,309	\$48,831
MACHINERY.			
Spindles ¹	233,414	217,170	193,704
Looms.....	4,189	4,084	4,230
Woolen and worsted cards ²	450	424	352
Combing machines.....	52	52	52

¹ Not reported separately.² Includes both producing and doubling and twisting spindles.³ Includes shoddy cards. Woolen cards were reported in sets.

Woven goods greatly predominated as the principal product of the industry in the state, with 92.3 per cent of the total value of products in 1919, 94.4 per cent in 1914, and 91.7 per cent in 1909. Within the three divisions of woven goods (all-wool, wool-and-cotton mixed, and cotton-warp) the largest value was reported as all-wool woven goods, which represented 76.4, 71, and 76.8 per cent, respectively, of the total value of woven goods for the three census periods 1919, 1914, and 1909.

Knit goods (Table 21).—This table gives the quantity and cost of materials and the quantity and value of products for the knit-goods industry in New Hampshire for the census years 1919, 1914, and 1909.

"Yarn purchased" was the principal item used as materials and represented 64.3 per cent of the cost of all materials in 1919, 52.5 per cent in 1914, and 57.2 per cent in 1909.

Hosiery was the chief product, representing 72 per cent of the total value in 1919, 74.6 in 1914, and 66.4 per cent in 1909. The character of hosiery

manufactured in New Hampshire has been constantly changing from cotton to merino. This is partly due to the reduction in the manufacture of all-wool hosiery. Thus, while the production of cotton hosiery decreased from 44.3 per cent to 31.5 per cent of the total quantity of all hosiery during the last ten years, and all-wool hosiery from 37 to 7.3 per cent, merino hosiery increased from 18.8 to 60 per cent.

Underwear was the second item of importance produced in the knit-goods industry for New Hampshire and in 1919 was 25.9 per cent of the total value of products as compared with 12 per cent in 1914, and 25.2 per cent in 1909. The figures for underwear are principally for separate shirts and drawers, together with small amounts and values for union suits, which could not be shown separately without disclosing the operations of individual establishments.

TABLE 21.—KNIT GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$5,118,063	\$2,379,420	\$2,635,673
Cotton (raw):			
Pounds.....	965,020	1,247,293	1,314,260
Cost.....	\$234,095	\$150,692	\$173,411
Cotton, carded and otherwise prepared:			
Pounds.....	135,964	742,035	(1)
Cost.....	\$34,905	\$71,119	(1)
Cotton waste, purchased:			
Pounds.....	595,339	458,286	(1)
Cost.....	\$174,719	\$50,682	(1)
Wool, in condition purchased:			
Pounds.....	128,305	172,081	211,544
Cost.....	\$179,133	\$32,540	\$69,855
Recovered wool fiber:			
Pounds.....	600,274	608,904	566,214
Cost.....	\$216,978	\$108,522	\$118,187
Yarn, purchased:			
Pounds.....	4,567,531	3,406,040	4,532,099
Cost.....	\$3,291,401	\$1,248,860	\$1,508,171
Cotton—			
Pounds.....	3,977,804	2,725,462	3,712,733
Cost.....	\$1,872,504	\$685,233	\$728,469
Worsted—			
Pounds.....	250,176	643,762	733,465
Cost.....	\$690,086	\$539,371	\$700,228
Merino—			
Pounds.....	286,431	(1)	(1)
Cost.....	\$589,050	(1)	(1)
All other—			
Pounds.....	53,060	37,416	85,901
Cost.....	\$142,761	\$24,256	\$79,474
Chemicals and dyestuffs, cost.....	\$126,116	\$95,947	\$91,871
Fuel and rent of power, cost.....	\$71,029	\$50,161	\$35,995
All other materials, cost.....	\$790,627	\$514,897	\$608,183
PRODUCTS.			
Total value.....	\$0,015,583	\$4,282,739	\$4,764,119
Hosiery:			
Dozen pairs.....	2,089,550	2,597,949	2,681,273
Value.....	\$6,494,810	\$3,196,266	\$3,184,589
Cotton—			
Dozen pairs.....	657,326	1,034,358	1,186,912
Value.....	\$1,538,716	\$970,589	\$984,243
Wool—			
Dozen pairs.....	152,309	495,565	991,105
Value.....	\$556,601	\$735,153	\$1,589,567
Merino ² —			
Dozen pairs.....	1,253,977	1,068,026	503,256
Value.....	\$4,243,051	\$1,440,524	\$590,779
All other—			
Dozen pairs.....	25,938	(1)	(1)
Value.....	\$166,448	(1)	(1)
Underwear:			
Dozens.....	304,337	135,359	260,703
Value.....	\$2,337,407	\$512,160	\$1,200,088
All other products, value.....	\$183,360	\$574,313	\$399,492

¹ Not reported separately.² Includes small amounts of silk and silk-mixed hosiery, to avoid disclosures of individual operations in 1919 and 1914.

Boots and shoes (Tables 22 and 23).—Table 22 shows the number of pairs and value of the various kinds of footwear produced in 1919, 1914, and 1909. New Hampshire ranked fifth among the states in the actual production of all kinds of boots and shoes in 1919 as compared with third in 1914, while the state ranked fourth in value at both censuses. Measured by value of products, the boot and shoe industry ranked second in the state in 1919 and first in 1914. Of the totals for the four classes of boots and shoes shown in the table, "women's" is the only kind showing an increased output in 1919 as compared with 1914, the increase being 718,106 pairs, or 19 per cent. During this five-year period, "men's" decreased 462,329 pairs, or 4.2 per cent; "boys' and youths'" 358,451 pairs, or 8.9 per cent; "misses' and children's" 732,046 pairs, or 18.9 per cent; and "slippers and infants' shoes," 1,436,265 pairs, or 73.6 per cent.

TABLE 22.—BOOTS AND SHOES, BY CLASSES: 1919, 1914, AND 1909.

KIND.	NUMBER OF PAIRS AND VALUE.		
	1919	1914	1909
Aggregate value.....	\$73,870,588	\$37,064,030	\$34,027,176
Boots and shoes:			
Total number of pairs.....	21,873,826	22,708,546	25,060,572
Total value.....	\$71,460,061	\$35,143,718	
Men's—			
Number of pairs.....	10,586,597	11,048,926	11,698,985
Value.....	\$13,672,721	\$21,456,512	
Boys' and youths'—			
Number of pairs.....	3,651,685	4,010,136	4,170,479
Value.....	\$8,467,965	\$5,651,034	
Women's—			
Number of pairs.....	4,491,751	3,773,648	4,587,874
Value.....	\$12,913,209	\$4,351,718	
Misses' and children's—			
Number of pairs.....	3,143,790	3,875,836	4,606,234
Value.....	\$8,406,766	\$3,083,854	
Slippers:			
Total number of pairs.....	512,303	1,074,374	282,124
Total value.....	\$1,000,174	\$1,853,320	
Men's, boys', and youths'—			
Number of pairs.....	159,805	159,872	
Value.....	\$330,074	\$127,535	
Women's, misses', and children's—			
Number of pairs.....	352,498	1,514,502	282,124
Value.....	\$669,500	\$1,725,785	
Infants' shoes and slippers:			
Number of pairs.....	2,772	276,968	182,418
Value.....	\$4,871	\$201,932	
All other footwear:			
Number of pairs.....	311,793		
Value.....	\$656,648		
All other products, including amount received for work done for others, value.....	\$748,234	\$465,069	

¹ Total value only reported in 1909.

Table 23 shows that more welted boots and shoes were manufactured in New Hampshire in 1919 than any other type. The number of welted boots and shoes increased from 38.3 per cent in 1914 to 48 per cent in 1919, while the number manufactured by the McKay method decreased from 56 per cent in 1914 to 41 per cent in 1919. Men's shoes were principally of the welted type, while women's, misses', and children's were McKay.

TABLE 23.—BOOTS AND SHOES—NUMBER OF PAIRS, BY METHOD OF MANUFACTURE: 1919 AND 1914.

CLASS.	Census year.	Total.	Welted.	McKay.	Turned.	Wood or metal fastened.
Boots and shoes..	1919 1914	21,873,826 22,708,546	10,494,583 8,701,304	8,970,490 12,713,361	386,204 275,406	2,022,549 1,018,475
Mens'.....	1919 1914	10,586,597 11,048,926	8,295,522 7,614,060	1,014,069 2,591,669	..... .....	1,277,066 813,197
Boys' and youths'.....	1919 1914	3,651,685 4,010,136	1,456,010 706,833	1,450,132 3,038,025	..... .....	745,543 205,278
Women's.....	1919 1914	4,491,751 3,773,648	528,350 31,284	3,577,230 3,466,958	386,204 275,406	..........
Misses' and children's.....	1919 1914	3,143,790 3,875,836	214,731 250,127	2,929,059 3,616,709	..........	..........
Slippers and infants' shoes..	1919 1914	515,075 1,951,340	66,201	1,037,706	515,075 847,433	..........

¹ Exclusive of 311,793 pairs of canvas shoes manufactured during the year 1919.

² Includes "Stitch down," to avoid disclosure of individual operations.

³ Includes "Turned," to avoid disclosure of individual operations.

⁴ Includes "McKay," to avoid disclosure of individual operations.

Paper and wood pulp (Table 24).—This table shows the quantity and cost of the principal materials used and the quantity and value of the various products of the paper and pulp mills of New Hampshire as reported at the censuses of 1919, 1914, and 1909. The table also gives the number and daily capacity of the paper machines used and the yearly capacity of both pulp and paper mills.

The statistics for the paper and wood-pulp industry include establishments making both paper and pulp, those making paper only, and those making pulp only. In determining the cost of materials for the entire industry the cost of materials as reported by the three classes are combined. Similarly, the value of products for the industry as a whole is obtained by combining the totals for the three classes of establishments. There is, therefore, considerable duplication, as undoubtedly a large part of the wood pulp purchased is duplicated in the cost of pulp wood; while wood pulp produced for sale is again included to a considerable extent as a finished product in the value of paper manufactured.

Of the total quantity of pulp wood consumed in 1919, spruce represented 70 per cent; balsam fir, 24.6 per cent; and other woods including slabs and other mill waste, 5.4 per cent. The item "All other materials" includes cost of fuel and rent of power to the amount of \$2,734,049, and in addition, the cost of all paper stocks other than wood pulp, sizing, and chemicals, other than sulphur.

The predominating item included in "All other products," in 1919 and 1914, is wood pulp produced for sale or for use in establishments other than where manufactured. The value of hanging, poster, novel, tablet, and lining paper is also included in this item, as these figures could not be published separately without disclosing the operations of individual establishments.

TABLE 24.—PAPER AND WOOD PULP: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$24,833,996	\$12,537,076	\$9,253,369
Pulp wood:			
Cords.....	375,597	381,958	349,907
Cost.....	\$7,297,625	\$4,418,756	\$3,222,871
Wood pulp, purchased, total:			
Tons.....	100,975	92,483	75,127
Cost.....	\$7,941,505	\$2,966,426	\$2,248,190
Ground—			
Tons.....	14,779	27,442	31,407
Cost.....	\$520,837	\$534,297	\$611,251
Sulphite fiber—			
Tons.....	29,221	29,054	39,599
Cost.....	\$2,745,156	\$1,126,222	\$1,452,253
Sulphate fiber—			
Tons.....	53,876	(1)	(1)
Cost.....	\$4,370,230	(1)	(1)
Other chemical fiber—			
Tons.....	3,599	35,987	4,121
Cost.....	\$305,273	\$1,305,907	\$184,686
Bleaching powder:			
Tons.....	20,731	(2)	(2)
Cost.....	\$674,467	(2)	(2)
Sulphur:			
Tons.....	26,227	(1)	(1)
Cost.....	\$800,677	(1)	(1)
All other materials, cost.....	\$8,119,722	\$5,151,894	\$3,782,308
PRODUCTS.			
Total value.....	\$41,825,551	\$17,708,138	\$13,994,251
News paper in rolls or sheets:			
Tons.....	28,950	(2)	(2)
Value.....	\$2,281,032	(2)	(2)
Book paper:			
Tons.....	15,294	25,647	14,259
Value.....	\$1,947,667	\$1,759,050	\$1,118,834
Fine paper:			
Tons.....	25,631	(2)	(2)
Value.....	\$4,902,134	(2)	(2)
Wrapping paper, including bag paper:			
Tons.....	79,380	77,159	50,409
Value.....	\$10,039,182	\$4,147,737	\$2,788,798
Boards:			
Tons.....	14,283	13,140	12,187
Value.....	\$1,203,499	\$582,422	\$659,499
Tissue paper:			
Tons.....	12,915	11,469	8,737
Value.....	\$2,262,486	\$989,522	\$755,015
All other products, value ¹	\$19,189,551	\$10,229,407	\$8,672,105
Wood pulp produced, including that used in mills where manufactured, total tons:			
Ground, tons.....	232,134	244,887	217,252
Sulphite fiber, tons.....	41,192	63,883	83,565
Screenings, tons.....	181,390	171,580	133,687
Total.....	9,552	9,474	(2)
EQUIPMENT.			
Paper machines:			
Fourdrinier—			
Number.....	35	33	29
Capacity, per 24 hours, tons.....	679	661	614
Cylinder—			
Number.....	19	26	29
Capacity, per 24 hours, tons.....	75	75	64
Yearly capacity of mills in pulp, tons.....	278,140	271,475	312,941
Yearly capacity of mills in paper, tons.....	238,710	225,365	221,907

¹ Included in "All other materials."² Not reported separately.³ Included in "All other products."⁴ Includes wood pulp produced for sale or for use in establishments other than where manufactured.

Lumber and timber products (Table 25).—This table shows the principal products of the sawmills in the state for 1919, 1914, and 1909. This industry is one of the oldest as well as one of the most important in the state. The production of lumber, the chief forest product, apparently reached the peak in 1907, the reported cut for that year being 754,023,000 feet board measure. The cut for 1919 showed a decrease from that of 1907 of 415,246,000 feet, or 55.1 per cent.

White pine was the principal kind of wood cut into lumber in this state in 1919; the cut from this species being 176,012,000 feet board measure, or 52 per cent of the total. Spruce was next with 75,811,000 feet,

or 22.4 per cent, hemlock following with 31,404,000 feet, or 9.3 per cent. The cut of balsam-fir lumber represented 4.7 per cent of the total and birch 3.6 per cent. Other important woods were maple, beech, and chestnut in the order of the quantity cut.

TABLE 25.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY.		
	1919	1914	1909
Lumber.....M feet b. m.	338,777	1482,744	649,606
Lath.....thousands	6,656	(2)	26,873
Shingles.....thousands	3,386	(2)	30,132

¹ Data for custom mills not included in 1914.² Not reported.

Laundries (Table 26).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 26, however, summarizes the statistics for such laundries in the state of New Hampshire for 1919 and 1914.

TABLE 26.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1914-1919
	1919	1914	
Number of establishments.....	61	74	—
Persons engaged.....	708	864	—18.1
Proprietors and firm members.....	71	86	—
Salaried employees.....	21	18	—
Wage earners (average number).....	616	760	—18.9
Primary horsepower.....	1,302	1,269	2.6
Capital.....	\$380,224	\$440,499	—13.7
Salaries and wages.....	508,580	338,045	50.4
Salaries.....	21,703	13,291	63.3
Wages.....	486,877	324,754	49.9
Paid for contract work.....	5,004	334	1,398.2
Rent and taxes.....	21,643	23,195	—7.1
Cost of materials.....	254,336	132,476	92.0
Amount received for work done.....	968,856	728,733	33.0

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

Dyeing and cleaning (Table 27).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 27.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	8
Persons engaged.....	62
Proprietors and firm members.....	13
Salaried employees.....	3
Wage earners (average number).....	46
Primary horsepower.....	46
Capital.....	\$24,923
Salaries and wages.....	42,044
Salaries.....	1,946
Wages.....	40,098
Paid for contract work.....	829
Rent and taxes.....	4,193
Cost of materials.....	19,769
Amount received for work done.....	111,359

Custom sawmills and custom gristmills (Tables 28 and 29).—Statistics for custom sawmills and custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914.

TABLE 28.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	36	42	.....
Persons engaged.....	59	94	.....
Proprietors and firm members.....	40	40	.....
Salaried employees.....	19	1	.....
Wage earners (average number).....	1,640	1,970	-16.8
Primary horsepower.....	\$67,909	\$91,373	-25.7
Capital.....	15,500	21,976	-29.2
Salaries and wages.....	35	47	.....
Salaries.....	15,500	21,941	-29.1
Wages.....	786	863	-7.8
Rent and taxes.....	2,564	955	168.2
Cost of materials.....	30,818	49,201	-37.4
Amount received for work done.....			

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

Tables 28 and 29 summarize the statistics for such mills for 1919 and 1909. The value of products for custom sawmills represents the amount charged for the work performed and that for custom gristmills the selling value of the grain milled.

TABLE 29.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	12	25	.....
Persons engaged.....	21	38	.....
Proprietors and firm members.....	17	33	.....
Wage earners (average number).....	4	5	.....
Primary horsepower.....	378	743	-49.1
Capital.....	\$52,438	\$37,176	41.1
Wages.....	4,940	1,810	171.6
Rent and taxes.....	907	464	95.5
Cost of materials ²	59,389	63,072	-7.2
Value of products ²	69,812	77,443	-9.9

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

²Includes estimate of all grain ground.

GENERAL TABLES.

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

Table 31 presents, for 1919, for the state and for Manchester, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and the statistics for all industries combined for each of the seven cities in the state having from 10,000 to 50,000 inhabitants.

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

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
					Expressed in thousands.								Expressed in thousands.		

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

All industries.....	1919	1,499	83,074	349,138	\$79,326	\$239,528	\$407,205
	1914	1,736	78,993	344,093	40,642	114,993	182,844
	1909	1,961	78,658	293,991	36,200	98,157	164,581
Boots and shoes, including cut stock and findings.	1919	72	14,514	10,066	13,185	70,283	96,250
	1914	71	14,815	8,715	7,608	33,712	46,695
	1909	68	14,211	8,582	6,897	28,215	39,440
Boxes, paper and other, not elsewhere specified.	1919	8	240	270	170	322	692
	1914	8	127	85	46	90	180
	1909	12	168	142	65	138	273
Brass and bronze products....	1919	6	106	134	104	189	478
	1914	5	53	146	30	50	99
	1909	5	56	123	29	45	102
Bread and other bakery prod- ucts.	1919	127	471	488	502	2,848	4,069
	1914	152	480	361	292	983	1,676
	1909	157	454	185	249	1,055	1,683
Brick.....	1919	9	169	456	208	105	465
	1914	21	345	641	192	114	417
	1909	29	395	727	199	156	533
Butter.....	1919	14	12	91	13	321	391
	1914	20	42	298	26	529	637
	1909	29	50	492	31	709	807
Canning and preserving, vege- tables.	1919	4	60	146	28	171	240
	1914	4	24	65	9	36	69
	1909	3	20	48	8	27	45
Clothing, men's.....	1919	8	322	105	\$207	\$1,202	\$1,830
	1914	8	341	89	121	535	787
	1909	12	471	234	161	402	785
Clothing, women's.....	1919	5	157	325	112	304	597
	1914	4	197	118	87	200	379
	1909	8	241	134	75	255	396
Confectionery and ice cream..	1919	22	60	132	40	252	411
	1914	17	40	74	24	99	165
Copper, tin, and sheet-iron work.	1919	8	20	14	34	104	212
	1914	5	12	4	7	44	70
	1909	7	22	43	13	26	66
Cotton goods, including cotton small wares.	1919	21	21,294	90,080	18,233	47,244	86,392
	1914	20	21,669	87,386	10,045	22,790	35,793
	1909	21	22,290	83,966	8,638	19,124	33,602
Cutlery and tools, not else- where specified.	1919	8	339	600	293	262	779
	1914	8	204	516	123	78	232
	1909	12	268	470	140	99	328
Electrical machinery, appa- ratus, and supplies.	1919	7	425	571	360	643	1,464
	1914	6	228	392	122	165	352
	1909	6	193	422	87	155	388
Flour-mill and gristmill prod- ucts.	1919	48	83	2,042	96	2,026	3,391
	1914	79	144	4,597	89	2,422	2,734
	1909	105	116	5,502	62	2,809	3,187

MANUFACTURES—NEW HAMPSHIRE.

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Wages.	Cost of materials.	Value of products.	INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.								Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Foundry and machine-shop products. ¹	1919	125	3,909	7,058	\$4,320	\$6,513	\$16,961	Printing and publishing ²	1919	128	797	863	\$893	\$734	\$2,455
	1914	80	2,647	4,447	1,639	2,044	5,325		1914	138	709	826	450	364	1,449
	1909	81	2,396	3,782	1,394	1,699	4,947		1909	143	677	1,865	356	259	1,131
Furniture.....	1919	19	627	2,170	503	1,057	2,439	Sausage, not made in slaughtering and meat-packing establishments.	1919	11	22	100	20	179	232
	1914	26	745	2,984	414	723	1,554		1914	6	10	59	8	66	82
	1909	20	823	2,695	388	696	1,544		1909	4	15	59	9	100	121
Gas, illuminating and heating.	1919	13	209	298	228	529	1,195	Tobacco, cigars.....	1919	19	1,059	16	1,262	1,727	4,013
	1914	14	244	513	147	324	842		1914	36	1,058	6	798	1,216	2,390
	1909	14	247	220	106	180	581		1909	51	571	5	376	676	1,250
Knit goods.....	1919	16	2,979	2,731	1,083	5,118	9,016	Toys and games.....	1919	10	208	528	154	173	517
	1914	20	3,328	2,722	1,303	2,379	4,283		1914	7	114	201	50	71	175
	1909	21	3,129	2,315	1,143	2,636	4,764		1909	9	101	192	42	53	149
Leather, tanned, curried, and finished.	1919	7	709	4,750	754	5,966	7,309	Upholstering materials.....	1919	7	91	855	86	201	401
	1914	8	452	3,174	263	2,251	2,864		1914	9	137	1,933	72	212	324
	1909	8	452	3,174	263	2,251	2,864		1909	11	139	1,558	61	136	245
Lumber and timber products. ²	1919	393	7,131	37,437	6,949	11,654	24,210	Wood, turned and carved....	1919	16	237	1,216	177	213	514
	1914	515	7,275	46,283	3,850	8,430	16,554		1914	24	666	2,739	308	505	971
	1909	589	8,404	44,593	3,924	7,293	15,284		1909	29	637	2,327	243	306	721
Marble and stone work.....	1919	70	776	4,975	993	419	2,131	Wooden goods, not elsewhere specified.	1919	5	158	1,335	131	166	385
	1914	85	1,176	5,726	928	395	1,804		1914	11	281	1,705	143	186	399
	1909	99	1,527	3,620	1,062	298	1,818		1909	14	180	1,246	77	53	184
Mineral and soda waters.....	1919	31	85	225	81	273	571	Woolen and worsted goods...	1919	44	9,772	33,119	9,549	26,479	45,944
	1914	28	47	140	25	61	140		1914	40	9,532	30,392	4,211	10,087	15,039
	1909	28	54	101	30	70	175		1909	39	9,488	30,485	3,049	11,095	16,731
Needles, pins, and hooks and eyes.	1919	9	983	459	824	155	1,705	All other industries.....	1919	182	10,041	19,754	10,279	25,902	47,711
	1914	6	860	247	159	47	260		1914	227	7,680	19,386	4,540	11,248	20,396
	1909	7	438	217	171	38	275		1909	288	7,406	17,729	4,103	10,071	19,032
Paper and wood pulp.....	1919	27	5,000	123,929	6,546	24,834	41,826								
	1914	30	3,005	118,123	2,513	12,537	17,708								
	1909	34	3,413	79,912	2,106	9,253	13,994								

¹ Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "hardware, saddlery"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; and "textile machinery and parts" in all years; "structural ironwork, not made in steel works or rolling mills," in 1919; and "steam fittings and steam and hot-water heating apparatus" in 1914 and 1909.

² Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "pulpwood" in all years; and "window and door screens and weather strips" in 1914 and 1909.

³ Includes "bookbinding and blank-book making" in 1914 and 1909.

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

Manchester.....	1919	165	25,512	54,735	\$22,585	\$71,788	\$117,493	Lumber and timber products ¹	1919	7	404	1,540	\$440	\$1,208	\$2,167
All industries.	1914	151	25,843	63,481	12,510	33,707	50,800		1914	8	350	1,315	210	819	1,229
	1909	175	24,735	61,796	10,444	30,497	46,812		1909	11	366	1,430	198	755	1,082
Boots and shoes, including out stock and findings.	1919	19	6,406	4,527	6,163	38,238	50,424	Printing and publishing.....	1919	23	171	147	183	239	731
	1914	13	5,292	2,742	2,753	14,416	18,801		1914	22	157	202	118	82	438
	1909	14	4,896	2,294	2,823	13,327	17,047		1909	21	161	118	88	74	331
Bread and other bakery products.	1919	28	117	89	159	859	1,224	Tobacco, cigars.....	1919	8	1,019	14	1,228	1,696	3,015
	1914	28	135	79	82	260	470		1914	15	992	5	768	1,165	2,276
	1909	36	125	31	65	256	410		1909	18	493	5	335	621	1,111
Confectionery and ice cream..	1919	5	12	32	12	82	137	All other industries.....	1919	75	17,323	48,356	14,400	29,466	58,895
	1914	3	8	24	4	22	36		1914	62	18,900	59,114	8,575	17,024	27,550
									1909	75	18,704	57,918	7,435	15,494	26,231

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

BERLIN.....	1919	25	4,236	90,559	\$5,371	\$17,339	\$30,653	LACONIA.....	1919	32	2,579	3,276	\$2,296	\$5,904	\$11,848
	1914	19	2,680	77,411	1,974	8,845	13,090		1914	55	2,621	2,949	1,417	1,841	4,497
	1909	20	2,477	50,837	1,405	5,667	8,775		1909	55	2,235	2,609	1,030	2,095	4,001
CONCORD.....	1919	76	2,444	7,206	2,813	6,675	12,442	NASHUA.....	1919	92	8,264	32,683	7,798	31,955	48,985
	1914	86	2,856	7,122	1,956	3,712	6,744		1914	87	7,382	23,364	3,022	16,100	22,780
	1909	111	2,693	6,381	1,641	3,546	6,476		1909	104	7,265	17,567	3,112	10,379	17,326
DOVER.....	1919	39	2,334	8,400	2,488	8,444	13,935	PORTSMOUTH.....	1919	39	3,191	2,733	3,433	5,947	14,061
	1914	58	2,483	8,503	1,219	3,667	5,682		1914	39	1,090	2,009	665	1,847	3,924
	1909	51	3,030	10,395	1,486	3,236	6,370		1909	36	992	1,800	500	1,361	2,871
KEENE.....	1919	64	2,185	4,770	1,904	4,339	8,514								
	1914	68	2,008	4,865	1,153	1,921	3,918								
	1909	64	1,769	5,158	973	1,837	3,453								

¹ Includes "boxes, wooden packing, except cigar boxes" and "lumber, planing-mill products, not including planing mills connected with sawmills."

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

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
					Expressed in thousands.								Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Foundry and machine-shop products. ¹	1919	125	3,909	7,058	\$4,320	\$6,513	\$16,901	Printing and publishing ²	1919	128	797	863	\$893	\$734	\$2,455
	1914	80	2,647	4,447	1,639	2,044	5,325		1914	136	709	826	450	364	1,449
	1909	81	2,396	3,782	1,394	1,699	4,947		1909	143	677	1,865	356	259	1,131
Furniture.....	1919	19	627	2,170	503	1,057	2,439	Sausage, not made in slaugh- tering and meat-packing es- tablishments.	1919	11	22	100	20	179	232
	1914	26	745	2,984	414	1,554	2,439		1914	6	10	59	8	66	82
	1909	26	823	2,695	388	696	1,544		1909	4	15	59	9	100	121
Gas, illuminating and heating.	1919	13	209	298	228	529	1,195	Tobacco, cigars.....	1919	19	1,059	16	1,262	1,727	4,013
	1914	14	244	513	147	324	842		1914	36	1,058	6	798	1,216	2,390
	1909	14	247	220	106	180	581		1909	51	571	5	376	676	1,250
Knit goods.....	1919	16	2,979	2,731	1,983	5,118	9,016	Toys and games.....	1919	10	208	528	154	173	517
	1914	20	3,328	2,722	1,303	2,379	4,283		1914	7	114	201	50	71	175
	1909	21	3,129	2,315	1,143	2,636	4,704		1909	9	101	192	42	53	149
Leather, tanned, curried, and finished.	1919	7	709	4,750	754	5,066	7,309	Upholstering materials.....	1919	7	91	855	86	201	401
	1914	8	452	3,174	263	2,251	2,864		1914	9	137	1,933	72	212	324
	1909	8	452	3,174	263	2,251	2,864		1909	11	139	1,558	61	136	245
Lumber and timber products ² .	1919	303	7,181	37,437	6,949	11,654	24,210	Wood, turned and carved....	1919	16	237	1,216	177	213	514
	1914	515	7,275	45,283	3,850	8,430	16,554		1914	24	686	2,739	308	505	971
	1909	589	8,404	44,593	3,924	7,263	15,284		1909	20	637	2,327	243	306	721
Marble and stone work.....	1919	70	776	4,975	993	419	2,131	Wooden goods, not elsewhere specified.	1919	5	158	1,335	131	166	385
	1914	85	1,176	5,725	928	395	1,804		1914	11	281	1,705	143	186	399
	1909	99	1,527	3,620	1,062	298	1,818		1909	14	180	1,240	77	53	184
Mineral and soda waters.....	1919	31	85	225	81	273	571	Woolen and worsted goods...	1919	44	9,772	33,119	9,549	26,479	45,944
	1914	28	47	140	25	61	140		1914	40	9,532	30,392	4,211	10,087	15,039
	1909	28	54	101	30	70	175		1909	39	9,486	30,485	3,640	11,095	16,731
Needles, pins, and hooks and eyes.	1919	9	983	459	824	155	1,705	All other industries.....	1919	182	10,041	19,754	10,279	25,902	47,711
	1914	6	366	247	159	47	260		1914	227	7,580	19,386	4,540	11,248	20,396
	1909	7	438	217	171	38	275		1909	288	7,406	17,729	4,103	10,071	19,032
Paper and wood pulp.....	1919	27	5,000	123,020	6,546	24,834	41,826								
	1914	30	3,005	118,123	2,513	12,537	17,708								
	1909	34	3,413	70,912	2,106	9,263	13,994								

¹Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "hardware, saddlery"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; and "textile machinery and parts" in all years; "structural ironwork, not made in steel works or rolling mills," in 1919; and "steam fittings and steam and hot-water heating apparatus" in 1914 and 1909.

²Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "pulpwood" in all years; and "window and door screens and weather strips" in 1914 and 1909.

⁸ Includes "bookbinding and blank-book making" in 1914 and 1909.

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

Manchester	1919	165	25,512	54,735	\$22,585	\$71,788	\$117,493	Lumber and timber products ¹	1919	7	464	1,540	\$440	\$1,208	\$2,107
All industries.	1914	161	25,843	63,481	12,510	33,797	50,800		1914	8	350	1,315	210	819	1,229
	1909	175	24,735	61,796	10,444	30,497	46,812		1909	11	366	1,430	198	735	1,082
Boots and shoes, including cut stock and findings.	1919	19	6,406	4,527	6,163	38,238	50,424	Printing and publishing.....	1919	23	171	147	183	239	731
	1914	13	5,292	2,742	2,753	14,416	18,801		1914	22	157	202	118	82	438
	1909	14	4,806	2,294	2,323	18,327	17,647		1909	21	151	118	88	74	331
Bread and other bakery products.	1919	28	117	80	159	859	1,224	Tobacco, cigars.....	1919	8	1,019	14	1,228	1,686	3,915
	1914	28	135	79	82	269	470		1914	15	992	5	768	1,165	2,276
	1909	36	125	31	65	256	410		1909	18	493	5	335	621	1,111
Confectionery and ice cream..	1919	5	12	32	12	82	137	All other industries.....	1919	75	17,323	48,389	14,400	29,466	58,895
	1914	3	8	24	4	22	36		1914	62	18,909	59,114	8,575	17,024	27,550
									1909	75	18,704	57,918	7,435	15,464	26,231

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

BERLIN.....	1919	25	4,236	90,559	\$5,371	\$17,339	\$30,653	LACONIA.....	1919	32	2,579	3,276	\$2,296	\$5,094	\$11,848
	1914	19	2,080	77,411	1,974	8,845	13,090		1914	55	2,621	2,949	1,417	1,841	4,497
	1909	20	2,477	50,837	1,405	5,667	8,775		1909	55	2,235	2,609	1,030	2,095	4,001
CONCORD.....	1919	76	2,444	7,295	2,813	6,075	12,442	NASHUA.....	1919	02	8,264	32,683	7,798	31,955	48,985
	1914	86	2,856	7,122	1,950	3,712	6,744		1914	87	7,882	32,304	3,022	16,100	22,780
	1909	111	2,693	6,381	1,641	3,546	6,476		1909	104	7,265	17,567	8,112	10,379	17,326
DOVER.....	1919	39	2,334	8,400	2,488	8,444	13,935	PORTSMOUTH.....	1919	39	3,101	2,733	3,433	5,947	14,061
	1914	58	2,483	8,503	1,219	3,657	5,682		1914	39	1,090	2,009	665	1,847	3,924
	1909	51	3,030	10,395	1,486	3,236	6,370		1909	36	992	1,800	500	1,361	2,871
KEENE.....	1919	64	2,185	4,770	1,064	4,339	8,514								
	1914	68	2,068	4,805	1,153	1,921	3,918								
	1900	64	1,769	5,158	973	1,837	3,483								

¹ Includes "boxes, wooden packing, except cigar boxes" and "lumber, planing-mill products, not including planing mills connected with sawmills."

MANUFACTURES—NEW HAMPSHIRE.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

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

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

		1,499	90,332	1,426	2,310	1,609	1,853	83,074	De 89,221	Ap 78,810	(^a)	(^b)	(^c)	(^d)	(^e)	Dollars. 329,166,870
1	All industries.....	4	29	3	4	1	21	21	Fe 24	Ap 19	21	18	3	.....	.....	67,135
2	Artificial limbs.....	5	15	8	.....	1	6	6	Mh 7	Ja 1	8	8	.....	.....	.....	34,778
3	Artificial stone products.....	4	7	3	.....	.....	4	4	(^b) 4	(^b) 4	4	4	.....	.....	.....	17,828
4	Automobile bodies and parts.....	48	232	52	9	4	10	157	Au 102	Ja 121	163	161	2	.....	.....	371,782
5	Automobile repairing.....	3	6	3	.....	.....	3	3	(^b) 3	(^b) 3	3	3	.....	.....	.....	4,561
6	Awnings, tents, and sails.....	20	2,724	20	141	78	298	2,178	De 2,404	Mh 1,928	2,406	1,505	833	5	3	8,342,733
7	Boot and shoe cut stock and findings.....	52	13,384	26	444	197	381	12,836	De 13,849	My 11,300	13,739	8,308	5,173	168	90	26,395,880
8	Boots and shoes.....	8	266	6	12	.....	8	240	.....	.....	270	157	95	3	24	293,325
9	Boxes, paper and other, not elsewhere specified.....	5	187	5	9	.....	6	167	De 212	Mh 140	206	131	67	3	5	248,018
10	Shipping containers.....	3	79	1	3	.....	2	73	(^b) 73	(^b) 73	73	26	28	.....	10	45,307
11	Set-up paper boxes.....	33	1,782	19	65	38	20	1,631	De 1,833	Jy 1,541	1,835	1,666	168	1	.....	5,488,957
12	Boxes, wooden packing, except cigar boxes.....	6	122	4	10	1	1	106	De 117	Je 96	116	113	3	.....	.....	368,712
13	Brass and bronze products.....	127	704	157	14	29	33	471	Au 402	Mh 446	505	400	99	2	4	1,010,051
14	Bread and other bakery products.....	9	197	6	13	6	3	160	My 335	Ja 42	163	160	1	2	.....	361,688
15	Brick.....	4	10	3	1	.....	.....	6	No 12	Ja 3	11	11	.....	.....	.....	10,907
16	Brooms, from broom corn.....	14	28	15	1	.....	.....	12	My 13	Mh 11	12	12	.....	.....	.....	70,867
17	Butter.....	4	75	.....	8	3	4	60	Se 179	Fe 2	109	107	02	.....	.....	85,183
18	Canning and preserving, vegetables.....	10	95	13	3	2	1	76	Ap 79	De 73	75	75	.....	.....	.....	196,706
19	Carriages and wagons, including repairs	7	79	.....	2	1	.....	76	Je 79	Ap 73	75	75	.....	.....	.....	244,274
20	Cars and general shop construction and repairs by electric-railroad companies.....	8	388	10	13	30	13	322	De 354	Mh 300	355	40	314	1	.....	1,112,424
21	Clothing, men's.....	5	188	3	9	14	5	157	De 181	Ja 138	181	20	161	.....	.....	405,574
22	Clothing, women's.....	22	108	30	7	5	6	60	.....	.....	67	43	23	.....	1	224,404
23	Confectionery and ice cream.....	6	28	5	3	2	3	15	Oc 31	Mh 3	30	16	13	.....	1	71,205
24	Confectionery.....	16	80	25	4	3	3	45	Jy 4	No 36	37	27	10	.....	.....	153,199
25	Ice cream.....	8	45	8	5	1	2	29	Ja 31	Mh 27	28	28	.....	.....	.....	92,325
26	Copper, tin, and sheet-iron work.....	16	21,688	2	207	164	132	21,183	Se 21,753	Ja 20,421	21,637	11,568	9,788	155	126	83,219,151
27	Cotton goods.....	5	126	8	3	1	3	111	Au 132	Fe 63	123	54	65	2	2	327,752
28	Cotton small wares.....	4	307	.....	13	7	7	280	No 305	Ja 259	314	281	30	2	1	567,222
29	Cutlery and edge tools.....	7	461	1	25	2	8	425	De 530	Fe 384	530	290	240	.....	.....	920,294
30	Electrical machinery, apparatus, and supplies.....	4	8	.....	1	.....	.....	4	(^b) 4	(^b) 4	4	3	1	.....	.....	7,115
31	Flavoring extracts.....	48	160	60	6	9	2	83	De 96	Je 75	97	97	.....	.....	.....	1,419,428
32	Flour-mill and gristmill products.....	53	2,689	36	104	125	133	2,201	No 347	My 283	2,531	2,428	101	2	.....	9,139,495
33	Foundry and machine-shop products.....	9	347	9	13	7	6	312	De 1,802	Je 1,498	340	336	2	2	.....	673,030
34	Foundries.....	38	1,964	26	70	101	120	1,647	De 386	Au 232	1,807	1,708	90	.....	.....	7,667,244
35	Machine shops.....	6	378	1	21	17	7	332	.....	.....	384	384	.....	.....	.....	899,221
36	Machine shop and foundry combined.....	19	723	19	40	20	17	627	De 673	Jy 570	673	662	7	4	.....	1,774,938
37	Furniture.....	13	302	.....	33	35	25	209	Se 227	Ja 100	210	212	7	.....	.....	3,551,515
38	Gas, illuminating and heating.....	16	3,098	9	67	16	27	2,979	De 3,220	Jy 2,048	3,220	960	2,183	30	41	7,849,062
39	Knif goods.....	7	830	.....	46	35	40	709	De 968	Mh 582	968	966	01	1	.....	4,188,458
40	Leather, tanned, curried, and finished.....	327	5,527	377	106	37	31	4,976	No 6,174	Jy 3,001	7,110	7,088	14	8	.....	13,898,556
41	Lumber, planing-mill products.....	33	602	34	15	15	14	524	De 631	Ap 451	629	621	4	4	.....	1,573,972
42	Lumber, planing-mill products, not including planing mills connected with sawmills.....	70	924	95	34	11	8	776	.....	.....	870	877	.....	2	.....	1,815,053
43	Marble and stone work.....	47	274	65	7	5	3	194	Au 200	Ja 174	197	196	.....	1	.....	365,027
44	Monuments and tombstones.....	23	650	30	27	6	5	582	Oc 709	Ja 202	682	681	.....	1	.....	1,450,026
45	Other marble and stone work, except slate.....	31	155	38	13	11	8	85	De 142	Ja 52	85	63	2	.....	.....	608,708
46	Mineral and soda waters.....	9	1,021	4	17	7	10	983	De 1,086	Ap 913	1,092	435	640	4	4	1,189,174
47	Needles, pins, and hooks and eyes.....	27	5,338	12	107	167	52	5,000	.....	.....	5,135	4,968	160	4	3	51,603,019
48	Paper and wood pulp.....	20	872	12	60	25	16	739	De 844	Fe 639	842	764	72	3	3	5,767,985
49	Paper exclusively.....	7	4,466	.....	47	142	30	4,241	No 4,818	Mh 3,800	4,203	4,204	88	1	.....	45,835,034
50	Paper and pulp.....	6	19	3	4	.....	1	11	Jy 12	Ja 10	9	6	3	.....	.....	42,903
51	Patent medicines and compounds.....	63	459	63	16	6	13	361	De 411	Ja 338	411	277	134	.....	.....	662,620
52	Printing and publishing, book and job printing.....	65	630	48	47	46	53	436	.....	.....	426	288	102	36	.....	956,268
53	Printing and publishing, newspapers and periodicals.....	6	180	1	16	32	29	107	No 113	Ja 101	111	97	14	.....	.....	254,317
54	Printing, publishing, and job printing.....	48	441	43	27	14	24	328	De 339	Je 311	314	100	88	36	.....	691,931
55	Publishing without printing.....	11	9	4	4	.....	1	(^b) 1	(^b) 1	(^b) 1	1	1	.....	.....	.....	12,020

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919.

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

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars. 7,863,707	Dollars. 5,348,695	Dollars. 79,320,341	Dollars. 2,417,380	Dollars. 420,772	Dollars. 14,800,993	Dollars. 231,599,446	Dollars. 7,928,171	Dollars. 407,204,934	Dollars. 167,677,317	349,138	95,358	51,882	1,676	115,375	84,847	67,117	1
3,670	250	13,607			961	16,501	451	45,082	28,130	196	25		28	143			2
	580	7,241			234	12,065	1,152	39,779	25,962	32	25		7				3
		3,131			196	338	3,214	11,175	7,394	27							4
9,106	9,740	189,728			20,801	3,863	323,414	11,515	682,679	220			20	35	165		5
		3,600			560	59	6,545	72	15,569	2					2		6
407,091	319,580	2,011,001	1,081	10,859	93,651	19,157,708	99,857	22,388,515	3,160,955	2,389	360	100	15	125	1,804	180	7
1,406,555	770,697	11,173,077	5,448	71,425	931,584	50,796,069	259,431	73,870,588	22,815,088	7,677	3,425	383		490	3,364	1,437	8
35,446	5,439	169,808		5,782	8,536	315,366	6,529	691,832	369,937	270	108				162		9
24,726	3,867	130,050		4,760	5,575	264,904	4,096	560,816	291,816	243	108				135		10
10,720	1,572	39,818		1,022	2,961	50,462	2,433	131,016	78,121	27					27		11
194,690	88,173	1,464,444	6,435	10,051	260,651	4,261,950	22,831	7,080,559	2,795,778	7,514	5,474		27	539	1,474	1,707	12
26,790	2,500	104,307		13,024	31,993	174,191	15,015	478,020	288,814	134	125						13
16,164	50,396	501,972	8,857	46,481	11,590	2,764,777	82,916	4,069,425	1,221,732	488			73		415		14
34,290	13,481	207,631		4,609	4,300	19,850	85,554	465,204	359,800	456	315		41		100		15
600		4,960		360	101	7,913	172	13,267	5,182	6					6		16
2,961	169	12,640		350	912	317,403	3,317	391,297	70,577	91	62		10	1	18		17
12,780	5,120	28,444		795	1,600	187,902	2,801	240,285	69,582	146	118		5		23		18
5,700	3,048	60,319		1,470	2,150	54,857	4,712	191,936	132,367	306	135		39	22	170		19
3,636	1,735	98,196	1,017		2,300	74,961	6,108	188,853	107,784	76					76		20
36,760	89,031	206,904		871	7,502	1,195,152	6,545	1,829,585	627,888	105				21	84	5	21
17,886	50,421	111,044		940	4,241	358,295	5,330	597,123	233,498	325	35				290		22
6,726	8,610	48,792		8,376	2,914	245,599	5,954	410,799	159,246	132			15		117		23
2,966	2,950	7,468		2,586	1,388	30,722	555	62,406	31,129	5					5		24
3,760	2,950	7,468		5,790	1,520	214,877	5,399	348,393	128,117	127			15		112		25
9,139	5,606	34,124		2,468	657	103,216	964	212,328	108,148	14					14		26
835,611	370,942	18,130,068	41,743	6,097	5,273,081	45,152,817	1,845,321	85,986,168	38,988,020	00,805	21,185	29,042		23,289	17,379	30,881	27
4,880	4,325	97,276		2,175	4,226	238,956	6,429	405,537	180,152	85			10	45	30		28
30,862	11,364	241,933	32		13,343	154,048	12,241	563,946	397,657	530				337	193	70	29
93,912	22,624	350,801		3,395	20,481	634,697	8,036	1,463,079	820,976	571	45	15	38	240	233		30
	200	5,716		620	73	19,440	44	32,130	12,646								31
20,400	19,203	95,539		1,312	53,955	2,914,745	11,569	3,391,346	465,032	2,942	605		169	1,434	674	80	32
346,106	294,897	2,573,218	13,746	17,916	915,003	3,159,333	123,132	8,795,111	5,512,646	4,797	1,967	40	54	709	2,027	146	33
75,802	23,500	360,644		459	1,500	299,719	19,992	586,261	289		90		5	40	154		34
197,278	236,182	1,833,372	7,090	12,876	850,031	2,415,358	81,142	6,621,304	4,124,774	4,036	1,552	40	49	609	1,726	28	35
73,026	35,125	373,202	6,197	3,540	44,181	444,226	21,998	1,207,546	801,322	472	325				147	118	36
133,820	35,082	502,553	10,106	16,240	108,840	1,038,560	18,151	2,438,781	1,382,070	2,170	1,249			275	646	328	37
53,932	49,912	227,764		1,468	74,580	102,684	428,335	1,194,779	605,760	298	217				81		38
204,912	119,812	1,982,887	133,307	2,838	522,093	5,047,034	71,029	9,015,583	3,897,520	2,731	460	100		1,724	447	322	39
100,755	89,371	754,205	308	1,300	89,361	6,849,472	116,953	7,309,472	1,343,047	4,760	835			200	3,715	1	40
231,993	70,980	5,002,588	1,635,022	6,014	247,192	6,080,002	34,695	14,992,090	8,877,369	27,784	17,992	100	876	7,831	925	3,650	41
90,760	40,049	481,602		8,174	36,920	1,246,712	7,793	2,136,905	882,400	2,139	1,715		23	102	299		42
67,820	24,224	992,844	45,488	6,977	13,390	338,651	80,431	2,130,643	1,711,501	4,975	2,446		71	40	2,418		43
8,233	7,809	259,558	6,983	5,577	2,315	224,383	19,808	709,259	465,003	919				40	820		44
59,587	16,325	733,280	38,520	1,400	11,075	114,263	60,563	1,421,384	1,246,558	4,056	2,446		12		1,598		45
25,505	22,230	80,845		7,857	27,502	266,533	6,680	570,680	297,407	225	12		14		199		46
53,304	20,595	823,628	6,620	12,781	327,879	139,063	16,210	1,704,998	1,549,735	459	25	15		160	259		47
662,820	852,405	6,515,805	9,145	5,239	1,555,267	22,099,947	2,734,049	41,825,551	16,991,555	123,929	14,195	12,917		59,516	37,301	12,991	48
227,965	81,090	885,443		5,225	219,624	4,484,260	479,799	7,578,106	2,614,017	15,202	5,420	2,417		7,085	280	3,775	49
434,855	771,300	5,060,422	9,145	4,714	1,335,643	17,615,657	2,254,250	34,247,445	14,377,538	108,727	8,775	10,500		52,431	37,021	9,216	50
6,038	1,752	9,349		1,700	1,305	17,462	1,554	59,760	40,744	5					5		51
53,004	21,231	339,958	3,309	1,700	1,305	265,061	11,890	1,080,955	754,004	341			2	8	331		52
100,778	80,302	553,320	38,502	19,084	18,287	433,524	23,085	1,423,983	967,374	522			6	50	466		53
47,509	53,524	120,206		6,844	10,584	192,311	3,790	548,348	352,247	100					100		54
51,400	32,778	432,269	7,072	14,747	7,943	235,409	19,145	813,680	559,126	421			6	50	365		55
1,800		855	31,430	861	38	5,804	150	61,955	50,001	1					1		56

* No figures given for reasons stated under "Explanation of terms."

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES—NEW HAMPSHIRE.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES.

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Propri- tors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.			Total.	10 and over.		Under 16.		
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—			Male.	Fe- male.	Male.		Fe- male.
								Maximum month.	Minimum month.						

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

																Dollars.
1	Sausage, not made in slaughtering and meat-packing establishments.	11	89	13	2	2	22	Ja ^a 25	Au 18	25	23	1	1	-----		50,054
2	Textile machinery and parts.	11	1,194	6	27	18	34	1,109	De 1,248	Mh 1,007	1,247	1,138	108	1	-----	5,131,758
3	Tobacco, cigars.	19	1,108	28	8	10	3	1,059	No 1,293	Au 79	1,231	902	263	3	3	2,139,159
4	Tools, not elsewhere specified.	4	67	0	-----	2	-----	59	No ^a 64	Jy 52	65	47	17	1	-----	77,670
5	Toys and games.	10	241	15	9	3	6	203	De 256	Ja 149	256	165	82	5	4	391,450
6	Upholstering materials, excelsior.	7	101	6	3	1	-----	91	Oc ^a 94	Mh 88	93	93	-----	-----	-----	503,440
7	Vinegar and cider.	14	23	19	-----	-----	-----	4	Oc 20	Ja ^a 0	20	20	-----	-----	-----	14,725
8	Wood, turned and carved.	16	273	20	14	2	5	237	De 281	Mh 210	279	233	49	-----	-----	305,730
9	Wooden goods, not elsewhere specified.	5	170	3	4	3	2	158	Ap ^a 174	Jy 142	174	157	9	-----	-----	341,906
10	Woolen goods.	30	5,009	11	177	44	60	5,317	De 6,038	Fe 4,073	6,041	4,308	1,722	8	3	23,122,689
11	Worsted goods.	5	4,570	4	49	42	20	4,455	Se 4,718	Ja 4,125	4,695	2,409	2,103	42	61	21,601,614
12	All other industries *.	134	11,381	85	353	418	343	10,182	-----	-----	-----	-----	-----	-----	-----	45,346,627

* All other industries embrace—	Buttons.	1	Condensed milk.	1	Food preparations, not elsewhere specified.	2
Agricultural implements.	Carpets, rag.	2	Cooperage.	6	Gloves and mittens, cloth, not including gloves made in textile mills.	1
Asbestos products, not including steam packing.	Carriage and wagon materials.	3	Cordage and twine.	1	Gloves and mittens, leather.	2
Automobiles.	Cars and general shop construction and repairs by steam-railroad companies.	3	Cotton lace.	2	Glue, other than fish.	1
Baskets, and rattan and willow ware.	Cars, steam-railroad, not including operations of railroad companies.	1	Dairymen's and poultrymen's supplies.	1	Grease and tallow, not including lubricating greases.	2
Belting, leather.	Cheese.	1	Druggists' preparations.	3	Hand stamps.	2
Belting, woven, other than rubber.	Cleaning and polishing preparations.	4	Dyeing and finishing textiles, exclusive of that done in textile mills.	1	Hardware.	3
Blacking, stains, and dressings.	Coffee, roasting and grinding.	2	Electroplating.	2	Hardware, saddlery.	1
Bookbinding and blank-book making.	Coffins, burial cases, and undertakers' goods.	1	Engines, steam, gas, and water.	2	Hats, fur-felt.	1
Boxes, cigar.			Fancy articles, celluloid novelties.	1		
Brushes.			Files.	1		

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

1	MANCHESTER—All industries.	165	27,350	148	016	432	042	25,512	De 27,350	Ap 24,004	27,230	15,839	10,980	251	151	101,098,956
2	Automobile repairing.	11	71	8	6	1	5	51	Jy ^a 55	Ja 45	52	52	-----	-----	-----	101,858
3	Boots and shoes, including cut stock and findings.	19	7,287	0	302	148	425	6,406	De 7,347	My 5,473	7,217	4,470	2,671	108	62	16,982,366
4	Boxes, wooden packing, except cigar boxes.	4	353	3	10	8	3	329	No 347	Je 308	340	328	12	-----	-----	781,284
5	Bread and other bakery products.	28	175	39	2	3	14	117	De 121	Ap 114	118	113	4	-----	1	200,025
6	Confectionery and ice cream.	5	20	4	2	-----	2	12	Je ^a 10	Ja ^a 8	11	10	1	-----	-----	68,353
7	Lumber, planing-mill products, not including planing mills connected with sawmills.	3	146	2	2	6	1	135	Ja ^a 136	Au 131	136	136	-----	-----	-----	407,465
8	Marble and stone work.	6	38	8	2	3	2	23	Je ^a 29	Ja 10	23	23	-----	-----	-----	132,162
9	Mineral and carbonated waters.	5	20	6	1	-----	1	12	Jy ^a 17	De 8	10	10	-----	-----	-----	32,903
10	Printing and publishing, book and job.	15	87	13	4	-----	4	66	No 72	Oc 61	71	51	20	-----	-----	106,624
11	Printing and publishing, newspapers and periodicals.	8	180	3	17	32	23	105	My ^a 106	Ja ^a 103	106	92	14	-----	-----	258,381
12	Sausage, not made in slaughtering and meat-packing establishments.	4	20	5	1	2	-----	12	(*) 12	(*) 12	12	12	-----	-----	-----	30,256
13	Tobacco, cigars.	8	1,055	15	8	10	3	1,019	No 1,248	Au 35	1,190	928	250	3	-----	2,108,659
14	All other industries *.	49	17,898	36	250	219	159	17,225	-----	-----	17,044	9,608	8,108	140	88	79,747,720

*All other industries embrace—					
Artificial stone products.....	1	Brooms, from broom corn.....	2	Cars and general shop construction	Copper, tin, and sheet-iron work.....
Blacking, stains, and dressings.....	1	Brushes.....	1	and repairs by electric-railroad com-	Cotton goods.....
Boxes, cigar.....	1	Carpets, rag.....	1	panies.....	Cotton lace.....
Boxes, paper and other, not elsewhere		Carriages and wagons, including re-		Clothing, women's.....	Electroplating.....
specified.....	2	pairs.....	2	Coffee, roasting and grinding.....	Flavoring extracts.....

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

BERLIN.....	25	4,407	25	25	105	16	4,236	Jy 4,892	Ja 3,544	4,658	4,592	62	1	3	30,300,580
CONCORD.....	76	2,813	70	122	106	71	2,444	De 2,657	Ja 2,239	2,659	2,285	327	43	4	8,693,982
DOVER.....	39	2,527	34	57	55	47	2,334	Jy 2,433	Oc 2,229	2,435	1,475	950	1	0	14,659,707
KEENE.....	64	2,530	51	132	83	79	2,185	De 2,529	Ja 1,946	2,510	1,828	662	14	6	6,535,948
LACONIA.....	32	2,754	25	58	43	49	2,579	Se 2,703	Ap 2,222	2,690	1,072	984	10	24	8,737,943
NASHUA.....	92	9,057	76	239	212	266	8,264	De 8,668	My 7,944	8,662	5,707	2,809	29	27	15,918,377
PORTSMOUTH.....	39	3,334	40	40	32	31	3,191	Jy 3,560	Ja 2,871	3,378	3,007	369	1	1	18,203,006

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

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

MANUFACTURES—NEW HAMPSHIRE.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	100				100	
3,410	2,904	20,142	.....	624	877	175,375	3,794	232,152	52,982	100	.....	.....	.....	100	.....
149,910	81,551	1,164,240	.....	405	634,738	2,422,224	47,168	6,222,552	3,753,160	1,313	526	.....	164	623	3
23,360	10,558	1,261,977	125	4,981	328,399	1,721,419	5,407	4,013,180	2,286,364	16	.....	.....	.....	16	.....
.....	3,250	51,118	703	1,600	952	92,865	2,632	214,607	119,110	70	.....	25	15	30	.....
8,500	8,870	154,459	350	600	2,645	168,090	5,343	516,846	343,413	528	145	15	206	162	.....
23,403	4,665	85,764	.....	2,820	12,504	179,279	21,300	401,480	200,901	855	225	.....	535	95	.....
.....	.....	3,352	.....	30	398	41,060	811	57,560	15,719	165	25	.....	52	40	.....
21,731	6,076	177,399	651	7,273	3,304	207,764	4,976	513,833	301,093	1,210	675	.....	8	365	137
18,418	0,473	131,215	2,744	100	13,305	157,889	8,284	385,315	210,142	1,335	600	.....	.....	140	505
732,989	146,156	5,862,151	11,958	3,552	1,187,603	18,170,812	519,859	31,245,162	12,548,491	17,379	7,047	.....	5	8,686	1,641
200,756	87,055	3,087,262	.....	.....	870,849	7,414,781	307,784	14,698,831	6,916,266	15,740	2,000	8,350	.....	4,300	2,016
1,265,019	1,413,792	10,462,887	530,211	55,155	1,053,910	25,265,643	703,393	48,317,413	22,258,377	19,607	10,000	760	28	3,588	9,000
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,281	4,149

Hones and whetstones.....	2	Linen goods.....	2	Plumbers' supplies, not elsewhere specified.....	1	Silk goods.....	2
Instruments, medical and surgical....	1	Looking-glass and picture frames....	1	Pottery, chinaware.....	1	Silversmithing and silverware.....	1
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.....	1	Machine tools.....	3	Pulp goods.....	2	Smelting and refining, not from the ore.....	1
Iron and steel, welding.....	1	Mattresses and spring beds, not elsewhere specified.....	2	Pumps, not including power pumps.....	1	Soap.....	2
Jewelry.....	1	Millinery and lace goods, embroideries.....	1	Refrigerators.....	1	Sporting and athletic goods.....	1
Jewelry and instrument cases.....	1	Minerals and earths, ground or otherwise treated.....	2	Saddlery and harness.....	2	Stamped ware, not elsewhere specified.....	1
Jute goods.....	1	Musical instruments, piano materials.....	1	Saws.....	2	Structural ironwork, not made in steel works or rolling mills.....	2
Labels and tags.....	1	Optical goods.....	1	Shipbuilding, steel.....	1	Surgical appliances.....	1
Lasts.....	2	Paper goods, not elsewhere specified.....	3	Shipbuilding, wooden, including boat building.....	1	Waste.....	1
Leather goods, not elsewhere specified.....	2	Perfumery and cosmetics.....	1	Shirts.....	1	Window and door screens.....	2
.....	.....	Pickles and preserves.....	1	Show cases.....	1	Wirework, not elsewhere specified.....	2

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

1,855,357	1,195,317	22,584,041	0,675	140,474	4,033,966	70,011,482	1,770,043	117,493,082	45,705,557	54,735	13,978	24,120	13	6,892	9,732	30,465
6,887	5,054	59,721	.....	10,830	1,148	206,420	3,254	347,288	137,605	59	.....	.....	2	.....	57	.....
804,917	560,186	6,162,832	1,081	47,925	402,101	38,100,284	137,787	50,423,909	12,185,838	4,527	475	.....	.....	4,052	.....	.....
35,765	18,579	324,301	.....	4,411	18,858	823,267	2,538	1,596,254	770,449	1,130	875	.....	.....	255	355	.....
2,536	12,021	158,726	.....	21,215	2,763	839,031	20,236	1,224,267	304,950	89	.....	.....	.....	89	.....	.....
11,300	2,360	12,020	.....	2,320	121	80,196	1,958	136,540	54,358	32	.....	.....	.....	32	.....	.....
.....	8,853	116,039	.....	.....	7,129	381,071	.....	570,407	188,436	410	410	.....	.....	.....	.....	.....
3,053	5,962	27,557	.....	1,245	556	25,810	2,660	94,666	66,196	116	40	.....	6	.....	70	.....
2,080	520	10,448	.....	2,885	2,578	28,640	945	62,471	32,986	9	.....	.....	.....	9	.....	.....
12,801	2,773	55,009	.....	7,176	819	39,631	1,861	164,371	122,579	45	.....	.....	.....	45	.....	.....
53,513	52,481	127,786	8,195	7,634	10,207	193,652	3,989	566,388	368,747	102	.....	.....	.....	102	.....	.....
2,860	2,964	14,672	.....	240	725	120,493	2,206	157,968	35,179	56	.....	.....	.....	56	.....	.....
23,360	10,558	1,228,414	.....	3,180	318,792	1,690,510	5,276	3,915,029	2,210,243	14	.....	.....	.....	14	.....	.....
894,665	515,006	14,287,116	399	31,404	3,268,169	27,481,368	1,593,193	58,233,524	20,158,963	48,146	12,178	24,120	5	6,892	4,951	30,110

Foundry and machine-shop products.....	3	Iron and steel, welding.....	1	Mattresses and spring beds, not elsewhere specified.....	2	Saddlery and harness.....	1
Furniture, wood, other than rattan and willow.....	1	Jewelry.....	1	Needles, pins, and hooks and eyes....	2	Show cases.....	1
Gas, illuminating and heating.....	1	Knit goods.....	1	Paper and wood pulp.....	1	Structural ironwork, not made in steel works or rolling mills.....	1
Grease and tallow, not including lubricating greases.....	1	Lasts.....	1	Patent and proprietary medicines....	1	Textile machinery and parts.....	2
Hats, fur-felt.....	1	Leather goods, not elsewhere specified.....	1	Pickles and preserves.....	1	Worsted goods.....	1
.....	.....	Leather, tanned, curried, and finished.....	1	.....	.....	.....	.....

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

327,473	679,101	5,370,684	518,606	10,985	1,224,070	15,774,074	1,564,810	30,652,522	13,313,638	90,559	1,460	10,400	.....	42,075	36,624	5,730
352,174	253,598	2,813,133	40,666	31,293	232,708	6,593,597	171,773	12,441,751	5,768,381	7,296	1,952	.....	10	1,390	3,944	125
228,910	155,444	2,438,310	10,665	14,030	1,650,122	8,215,736	228,567	13,934,975	5,490,672	8,400	2,850	3,070	.....	1,714	766	4,230
366,745	201,486	1,963,879	38,696	26,094	199,507	4,185,203	153,337	8,513,980	4,175,410	4,770	2,770	.....	25	165	1,810	25
261,521	133,620	2,295,901	132,312	12,775	702,185	5,845,067	148,682	11,847,851	5,854,102	3,276	1,425	15	65	713	1,058	1,313
728,643	531,414	7,797,813	421,791	42,950	1,177,477	31,212,005	713,260	48,985,184	17,020,919	32,693	6,590	6,592	42	4,828	15,131	2,173
351,664	530,553	3,432,765	496,000	17,516	201,852	5,687,031	260,412	14,060,887	8,113,444	2,733	825	750	25	.....	1,133	.....

¹ Same number reported for one or more other months.

² None reported for one or more other months.

³ Same number reported throughout the year.

NEW JERSEY.

GENERAL STATISTICS.

General character of the state.—New Jersey has a gross area of 8,224 square miles, of which 7,514 represent land surface. The inhabitants of the state in 1900 numbered 1,883,669; in 1910, 2,537,167; and in 1920, 3,155,900. In total population New Jersey ranked tenth among the states in 1920. The number of inhabitants per square mile in 1910 was 337.7, the corresponding figure for 1920 being 420.

In 1920 there were 39 cities in the state having more than 10,000 inhabitants. The combined population of these cities in that year was 2,070,129, which formed 65.6 per cent of the total for New Jersey. Of the total value of the state's manufactured products, 76.4 per cent was reported from these 39 cities.

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

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. Of the 21 counties in the state, Essex and Hudson Counties reported 45.9 per cent of the total value of products for the state in 1919 and 43.6 per cent of the average number of wage earners.

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

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 42.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 1,500 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—For the census period 1914 to 1919 all of the cities, for which comparative figures are available, show increases in value of products, but for 5 of the 36 cities for which figures are shown separately in the table there were decreases in the average number of wage earners. Statistics for 3 of the cities could not be shown separately without disclosing the operations of individual establishments, and the totals for them have been combined as "All other cities."

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

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months for selected industries and cities, similar data are given for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more. The table also shows a number of industries in the state in 1919 which employed a large number of female wage earners. Of the total number of female wage earners in the state, 82.9 per cent were in the 39 cities, although of the male wage earners, only 77.9 per cent were reported by the cities.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in New Jersey. In that year 7.6 per cent of the wage earners were included in the group "48 and under," as against 59.5 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 12.1 per cent of the total wage earners, as compared with 3.7 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 92.1 per cent were in the several classes having

fewer than 101 wage earners, although such establishments employed but 24.2 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 7.9 per cent of the total number of manufacturing establishments in the state, but reported 75.8 per cent of the total number of wage earners.

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

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

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

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 35.7 per cent of the number of establishments in the state in 1919, they reported 89.4 per cent of the average number of wage earners and 91.7 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations increased 141,689, or 45.2 per cent, and the value of products, \$2,117,061,522, or 169.3 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the 39 cities in 1919 represented 72.2 per cent of the total in the state. They reported in that year 79.1 per cent of the average number of wage earners and 76.4 per cent of the total value of products.

Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state (Table 16).—This table presents the principal industries in each of the 11 cities in the state having 50,000 inhabitants or more in 1920, the figures being given for those which can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 353,681 horsepower, or 44.6 per cent. This increase, however, is chiefly due to the gain of 207,990 horsepower, or 200 per cent, in rented power. The owned power increased 145,691 horsepower, or 21.1 per cent, during the five-year period. Of the total horsepower in 1914, 86.9 per cent was owned power and 13.1 per cent rented. The corresponding proportions for 1919 were 72.8 per cent and 27.2 per cent, respectively.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel, and by the cities of 10,000 inhabitants or more. There were increases in each kind of fuel used in 1919 as compared with 1914, except in anthracite coal, which decreased. In 1919, of the total anthracite coal consumed, 33.4 per cent was used in three industries—chemicals; dyeing and finishing textiles; and petroleum, refining; 26.1 per cent of the bituminous coal was used in six industries—cement; chemicals; coal-tar products; explosives; iron and steel rolling mills; and smelting and refining, copper; and two industries—gas and petroleum refining—used 33.8 per cent of the coke and 72.1 per cent of the fuel oils.

MANUFACTURES—NEW JERSEY.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	11,057	9,742	8,817	7,010	6,415	13.5	10.5	25.8	9.3
Persons engaged.....	602,170	431,003	371,265	296,262	(1)	39.7	16.1	25.3	-----
Proprietors and firm members.....	9,349	8,342	8,204	6,730	(1)	12.1	1.7	21.9	-----
Salaried employees.....	84,135	49,056	36,838	23,196	15,361	71.5	33.2	58.8	51.0
Wage earners (average number).....	508,686	373,005	326,223	266,336	213,975	36.2	14.5	22.5	24.5
Primary horsepower.....	1,146,744	793,003	612,203	436,274	322,503	44.6	29.5	40.3	35.3
Capital.....	\$2,815,577,127	\$1,352,381,873	\$977,172,141	\$715,060,174	\$477,301,565	108.2	38.4	36.7	49.8
Salaries and wages.....	771,732,612	280,984,004	218,046,366	157,125,529	114,222,611	174.7	28.9	38.8	37.6
Salaries.....	171,074,267	69,847,544	48,336,333	28,956,728	19,057,698	144.9	41.5	66.9	51.9
Wages.....	600,658,345	211,136,460	169,710,033	128,168,801	95,164,913	184.5	24.4	32.4	34.7
Paid for contract work.....	27,716,816	9,380,405	8,445,253	5,221,402	(1)	195.5	11.1	61.7	-----
Rent and taxes.....	130,613,297	23,515,537	18,399,060	24,835,603	(1)	455.4	27.8	-----	-----
Cost of materials.....	2,270,473,279	883,464,594	720,033,399	470,449,176	334,726,094	157.0	22.7	53.1	40.5
Value of products.....	3,672,064,987	1,406,633,414	1,143,529,076	774,369,025	553,005,684	161.1	22.8	47.9	40.0
Value added by manufacture ¹	1,401,591,708	523,168,820	428,495,677	303,919,840	218,279,590	169.7	23.0	40.0	36.2

¹ Figures not available.² Exclusive of internal revenue.³ Value of products less cost of materials.

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

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state.....	11,057	508,686	\$600,658,345	\$130,613,297	\$2,270,473,279	\$3,672,064,987	\$1,401,591,708	1,146,744
Atlantic.....	259	2,970	2,930,785	449,209	6,593,754	12,680,094	6,086,340	5,781
Bergen.....	493	22,262	26,081,256	7,090,237	153,227,174	233,188,728	79,961,554	66,661
Burlington.....	201	9,431	9,866,321	1,375,100	39,966,261	61,319,903	21,353,642	33,542
Camden.....	428	48,325	62,551,314	7,328,045	127,785,494	246,555,714	118,770,220	75,414
Cape May.....	88	612	610,916	42,784	816,098	2,718,908	1,902,810	1,891
Cumberland.....	254	9,094	8,304,724	718,805	15,559,165	29,505,313	13,946,148	12,724
Essex.....	2,653	108,933	120,937,621	25,757,965	414,099,334	714,898,235	300,798,901	184,482
Gloucester.....	132	3,003	3,720,856	242,943	18,558,035	24,824,967	6,266,932	9,779
Hudson.....	2,350	112,662	140,104,615	41,098,568	644,712,124	969,336,856	324,624,732	238,651
Hunterdon.....	145	2,800	2,832,766	626,104	7,516,653	14,077,001	6,560,348	15,641
Mercer.....	497	30,515	34,873,501	5,080,441	79,663,534	158,361,221	78,097,687	76,226
Middlesex.....	483	32,004	37,469,123	8,581,255	305,438,122	407,619,344	101,181,222	134,927
Monmouth.....	384	5,184	4,473,131	384,367	11,161,779	20,443,393	9,281,619	11,336
Morris.....	225	6,858	7,687,324	1,117,347	21,380,700	38,171,134	16,790,434	30,958
Ocean.....	90	468	473,185	20,784	744,679	1,523,294	778,615	1,610
Passaic.....	1,411	62,571	64,900,830	17,401,826	228,551,968	404,679,656	176,027,688	106,800
Salem.....	108	6,058	8,166,169	743,814	8,938,203	30,725,756	21,787,553	15,517
Somerset.....	114	4,847	5,449,277	327,647	20,040,146	32,400,888	12,369,742	15,198
Sussex.....	90	1,367	1,261,305	169,876	4,689,187	7,786,002	3,096,815	5,313
Union.....	477	30,641	40,562,809	10,119,582	138,753,691	218,535,172	79,781,481	71,085
Warren.....	175	8,021	8,394,517	1,950,598	21,277,178	42,804,403	21,527,225	32,548

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries.....	11,057	508,686	100.0	\$3,672,065	100.0	\$1,401,592	100.0	Cotton goods.....	33	9,261	1.8	\$58,706	1.6	\$18,093	1.3
Petroleum, refining.....	9	10,178	2.0	280,995	7.6	58,108	4.1	Bread and other bakery products.....	1,263	5,911	1.2	55,763	1.5	18,851	1.3
Smelting and refining, copper.....	4	4,066	0.8	214,269	6.7	12,855	0.9	Phonographs and graphophones.....	15	12,266	2.4	56,419	1.5	34,759	2.5
Shipbuilding, steel.....	13	50,251	9.9	229,826	6.3	107,358	7.7	Coal-tar products.....	48	6,495	1.3	44,740	1.2	20,480	1.5
Silk goods, including throwsters.....	686	32,326	6.4	215,051	5.9	91,609	6.5	Automobiles.....	6	2,359	0.5	39,561	1.1	8,878	0.6
Foundry and machine-shop products.....	446	25,033	4.9	128,534	3.5	69,140	4.9	Soap.....	16	2,889	0.6	37,382	1.0	10,035	0.7
Electrical machinery, apparatus, and supplies.....	105	20,135	5.1	120,341	3.3	61,359	4.4	Food preparations, not elsewhere specified.....	100	1,359	0.3	33,612	0.9	4,149	0.3
Slaughtering and meat packing.....	46	3,566	0.7	110,221	3.0	9,817	0.7	Tobacco, cigars and cigarettes.....	308	8,443	1.7	32,299	0.9	18,190	1.3
Worsted goods.....	20	13,219	2.6	95,115	2.6	43,598	3.1	Oil, not elsewhere specified.....	30	1,245	0.2	30,835	0.8	8,516	0.6
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	65	12,353	2.4	84,129	2.3	37,793	2.7	Cars and general shop construction and repairs by steam-railroad companies.....	36	10,321	2.0	29,467	0.8	17,682	1.3
Chemicals.....	78	12,472	2.5	84,034	2.3	38,890	2.8	Jewelry.....	174	3,234	0.6	27,890	0.8	13,232	0.9
Dyeing and finishing textiles, exclusive of that done in textile mills.....	132	14,492	2.8	79,305	2.2	35,083	2.5	Liquors, malt.....	20	1,780	0.3	20,148	0.7	20,016	1.5
Leather, tanned, curried, and finished.....	73	5,499	1.1	78,012	2.1	25,426	1.8	Canning and preserving, fruits and vegetables.....	53	2,085	0.5	24,619	0.7	9,803	0.7
Iron and steel, steel works and rolling mills.....	16	13,811	2.7	74,382	2.0	40,055	2.9	Millinery and lace goods, not elsewhere specified.....	510	6,254	1.2	24,506	0.7	12,893	0.9
								Tobacco, chewing and smoking, and snuff.....	10	1,718	0.3	24,419	0.7	11,929	0.9
								Knit goods.....	90	4,853	1.0	23,853	0.6	8,503	0.6

MANUFACTURES—NEW JERSEY.

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
Oilcloth and linoleum, floor.....	10	2,136	0.4	\$21,689	0.6	\$8,905	0.6	Furnishing goods, men's.....	29	2,841	0.6	\$9,263	0.3	\$4,297	0.3
Paper and wood pulp.....	33	2,108	0.6	20,361	0.6	8,365	0.6	Oleomargarine and other butter substitutes.....	5	409	0.1	9,059	0.2	2,452	0.2
Gas, illuminating and heating.....	38	2,083	0.4	20,317	0.6	12,943	0.9	Iron and steel, cast-iron pipe.....	8	2,035	0.4	9,030	0.2	4,293	0.3
Wire.....	7	1,923	0.4	19,878	0.5	5,179	0.4	Upholstering materials, not elsewhere specified.....	9	519	0.1	8,803	0.2	2,831	0.2
Engines, steam, gas, and water.....	15	2,892	0.5	19,387	0.5	13,972	1.0	Boxes, wooden packing, except cigar boxes.....	36	1,197	0.2	8,756	0.2	2,470	0.2
Paints.....	33	1,832	0.3	18,501	0.5	6,444	0.5	Cooperage.....	45	968	0.2	8,627	0.2	2,431	0.2
Gold and silver, reducing and refining, not from the ore.....	14	312	0.1	18,391	0.5	1,845	0.1	Patent medicines and compounds.....	81	1,021	0.2	8,548	0.2	3,388	0.2
Clothing, women's.....	255	5,696	1.1	17,900	0.5	8,534	0.6	Boxes, paper and other, not elsewhere specified.....	51	2,659	0.5	8,202	0.2	4,457	0.3
Confectionery and ice cream.....	245	2,955	0.6	16,899	0.5	6,722	0.5	Shipbuilding, wooden, including boat building.....	80	2,146	0.4	8,180	0.2	5,103	0.4
Hats, fur-felt.....	31	3,303	0.6	16,625	0.5	8,390	0.6	Paving materials.....	46	1,200	0.2	7,324	0.2	3,093	0.2
Pottery.....	53	5,717	1.1	16,226	0.4	12,645	0.9	Wirework, including wire rope and cable, not elsewhere specified.....	33	1,330	0.3	7,253	0.2	3,269	0.2
Clothing, men's.....	164	4,801	0.9	15,950	0.4	9,587	0.7	Coffee, roasting and grinding.....	17	1,192	(1)	7,218	0.2	2,567	0.2
Fertilizers.....	19	1,740	0.3	15,758	0.4	3,947	0.3	Aluminum manufactures.....	5	1,163	0.2	7,060	0.2	2,753	0.2
Automobile bodies and parts.....	110	3,160	0.6	15,111	0.4	8,708	0.6	Buttons.....	70	2,570	0.5	7,021	0.2	4,022	0.3
Bags, other than paper, not including bags made in textile mills.....	14	824	0.2	14,697	0.4	1,953	0.1	Stamped ware, not elsewhere specified.....	20	2,446	0.5	6,809	0.2	4,351	0.3
Cordage and twine.....	6	2,334	0.5	14,540	0.4	4,751	0.3	Machine tools.....	14	1,078	0.3	6,768	0.2	4,347	0.3
Brass, bronze, and copper products.....	67	2,185	0.4	14,412	0.4	5,943	0.4	Gas and electric fixtures.....	12	1,703	0.3	6,593	0.2	2,547	0.2
Glass.....	21	5,942	1.2	13,695	0.4	9,249	0.7	Roofing materials.....	15	600	0.1	6,553	0.2	2,482	0.2
Structural ironwork, not made in steel works or rolling mills.....	73	2,115	0.4	13,633	0.4	5,346	0.4	Steam fittings and steam and hot-water heating apparatus.....	12	1,397	0.3	6,305	0.2	3,853	0.3
Varnishes.....	30	662	0.1	13,314	0.4	4,561	0.3	Fancy articles, not elsewhere specified.....	65	1,801	0.4	6,221	0.2	3,444	0.2
Tinware, not elsewhere specified.....	9	1,990	0.3	13,079	0.4	3,236	0.2	Automobile repairing.....	493	1,627	0.3	6,130	0.2	3,817	0.3
Boots and shoes, not including rubber boots and shoes.....	34	2,835	0.6	12,864	0.4	5,053	0.4	Flour-mill and gristmill products.....	150	232	(1)	6,040	0.2	1,004	0.1
Pumps, steam and other power.....	6	2,408	0.5	12,723	0.3	6,017	0.4	Dyestuffs and extracts—natural.....	17	385	0.1	5,924	0.2	2,375	0.2
Printing and publishing, newspapers and periodicals.....	295	2,352	0.5	12,400	0.3	8,291	0.6	Carpets and rugs, other than rag.....	5	917	0.2	5,912	0.2	2,693	0.2
Shirts.....	46	2,884	0.6	12,250	0.3	4,072	0.3	Iron and steel, forgings, not made in steel works or rolling mills.....	16	827	0.2	5,603	0.2	2,527	0.2
Surgical appliances.....	12	1,788	0.4	12,112	0.3	6,008	0.4	Cutlery and edge tools.....	28	1,951	0.4	5,598	0.2	4,254	0.3
Belling and hose, rubber.....	5	1,661	0.3	10,880	0.3	5,619	0.4	Grease and tallow, not including lubricating greases.....	67	299	0.1	5,402	0.1	986	0.1
Chocolate and cocoa products.....	8	489	0.1	10,813	0.3	1,536	0.1	Iron and steel, wrought pipe.....	5	739	0.1	5,391	0.1	2,500	0.2
Pencils, lead.....	5	2,842	0.6	10,791	0.3	6,012	0.4	Druggists' preparations.....	16	994	0.2	5,335	0.1	2,244	0.2
Lumber, planing-mill products, not including planing mills connected with sawmills.....	168	1,950	0.4	10,759	0.3	4,499	0.3	Hardware.....	27	1,434	0.3	5,300	0.1	3,061	0.2
Furniture.....	78	2,136	0.4	10,751	0.3	5,494	0.4	Woolen goods.....	6	1,271	0.2	5,210	0.1	2,154	0.2
Steam packing.....	17	1,612	0.3	10,291	0.3	3,766	0.3	Furs, dressed.....	18	1,551	0.3	5,113	0.1	3,957	0.3
Brick and tile, terra-cotta, and fire-clay products.....	67	3,544	0.7	10,127	0.3	7,349	0.5	Smelting and refining, not from the ore.....	10	468	0.1	5,059	0.1	1,408	0.1
Photographic materials.....	18	952	0.2	10,031	0.3	2,891	0.2	Textile machinery and parts.....	56	1,072	0.3	5,003	0.1	3,172	0.2
Paper goods, not elsewhere specified.....	20	1,036	0.2	9,710	0.3	3,681	0.3	All other industries.....	2,599	70,160	13.8	522,274	14.2	197,233	14.1
Printing and publishing, book and job.....	421	2,339	0.5	9,509	0.3	5,741	0.4								
Corsets.....	21	2,152	0.4	9,293	0.3	4,874	0.3								

¹ Less than one-tenth of 1 per cent.

² Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 10 having products in excess of some for which figures are shown in the table. These industries are as follows: "Babbitt metal and solder"; "coke, not including gas-house coke"; "drug grinding"; "explosives"; "glucose and starch"; "oil and cake, cottonseed"; "oil, linseed"; "sewing machines"; "smelting and refining, metals, not elsewhere specified"; and "sugar, refining, not including beet sugar."

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

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.		CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.						Male.	Female.
All classes.....	1919	602,170	459,767	142,403	76.4	23.6	Clerks and other subordinate salaried employees.....	1919	62,061	41,066	20,995	66.2	33.8
	1914	431,003	320,967	110,036	74.5	25.5		1914	38,141	29,355	8,785	77.0	23.0
	1909	371,265	278,968	92,297	75.1	24.9		1909	27,461	21,652	5,809	78.8	21.2
Proprietors and officials.....	1919	81,423	30,282	1,141	96.5	3.5	Wage earners (average number).....	1919	508,686	388,419	120,267	76.4	23.6
	1914	19,257	18,626	631	96.7	3.3		1914	373,005	272,086	100,919	73.1	26.9
	1909	17,581	17,043	538	96.9	3.1		1909	326,223	240,273	85,950	73.7	26.3
Proprietors and firm members.....	1919	9,340	9,003	346	96.6	3.4	16 years of age and over.....	1919	501,690	385,401	116,289	76.8	23.2
	1914	8,342	8,030	312	96.3	3.7		1914	368,750	270,999	97,750	73.5	26.5
	1909	8,204	7,924	280	96.6	3.4		1909	318,685	236,499	82,186	74.2	25.8
Salaried officers of corporations.....	1919	6,547	6,266	281	95.7	4.3	Under 16 years of age.....	1919	6,906	3,018	3,978	43.1	56.9
	1914	4,549	4,367	182	96.0	4.0		1914	4,846	1,987	2,859	41.0	59.0
	1909	4,147	4,056	91	97.8	2.2		1909	7,538	3,774	3,764	50.0	50.0
Superintendents and managers.....	1919	15,527	15,013	514	96.7	3.3							
	1914	6,366	6,229	137	97.8	2.2							
	1909	5,230	5,063	167	96.8	3.2							

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

INDUSTRY.	Cen- sus year.	Wage earners (average num- ber).	PER CENT OF TOTAL.			INDUSTRY.	Cen- sus year.	Wage earners (average num- ber).	PER CENT OF TOTAL.		
			16 years of age and over.		Un- der 16 years of age.				16 years of age and over.		Un- der 16 years of age.
			Male.	Fe- male.					Male.	Fe- male.	
All industries.....	1919	508,686	75.7	22.9	1.4	Iron and steel, steel works and rolling mills..	1919	13,811	97.2	2.8	.....
	1914	373,605	72.5	26.2	1.3		1914	4,639	99.8	0.2	(1)
	1909	326,223	72.5	25.2	2.3						
Automobile bodies and parts.....	1919	3,160	93.1	6.9	.....	Iron and steel, cast-iron pipe.....	1919	2,035	99.8	0.1	(1)
	1914	1,989	96.8	2.9	0.4		1914	3,421	99.7	0.2	0.1
Automobiles.....	1919	2,359	96.8	3.2	.....	Jewelry.....	1919	3,234	75.5	23.3	1.2
	1914	531	99.8	0.2	.....		1914	3,408	76.4	22.7	0.9
Boots and shoes, not including rubber boots and shoes.....	1919	2,835	58.2	39.0	2.8	Knit goods.....	1919	4,853	21.6	73.5	4.9
	1914	3,834	61.5	37.5	1.0		1914	4,025	37.3	59.4	3.3
Boxes, paper and other, not elsewhere specified.....	1919	2,659	38.5	56.1	5.4	Leather, tanned, curried, and finished.....	1919	5,499	88.9	11.1	.....
	1914	2,176	30.6	66.3	3.1		1914	5,108	97.8	2.1	0.1
Brass, bronze, and copper products.....	1919	2,185	96.4	3.2	0.5	Lumber, planing-mill products, not includ- ing planing mills connected with sawmills.	1919	1,950	97.4	2.3	0.3
	1914	1,236	97.4	0.4	2.2		1914	2,377	99.8	0.1	0.1
Bread and other bakery products.....	1919	5,911	86.1	12.8	1.2	Millinery and lace goods, not elsewhere specified.....	1919	6,254	17.9	79.4	2.8
	1914	5,712	91.5	7.4	1.1		1914	5,573	24.9	72.2	2.9
Brick and tile, terra-cotta, and fire-clay products.....	1919	3,544	94.0	5.6	0.4	Oilcloth and linoleum, floor.....	1919	2,136	96.5	2.6	0.9
	1914	7,786	94.4	4.5	1.1		1914	1,858	97.8	1.1	1.0
Buttons.....	1919	2,570	67.3	31.3	1.4	Paper and wood pulp.....	1919	3,108	90.8	7.4	1.8
	1914	1,773	67.1	31.9	1.0		1914	2,927	93.3	6.0	0.6
Canning and preserving, fruits and vege- tables.....	1919	2,685	61.3	38.7	.....	Pencils, lead ²	1919	2,842	41.3	51.8	6.9
	1914	2,686	46.6	53.1	0.3	Petroleum, refining.....	1919	10,178	98.1	1.6	0.3
Cars and general shop construction and repairs by steam-railroad companies.....	1919	10,321	99.3	0.7	(1)		1914	5,178	99.8	0.2	(1)
	1914	6,835	100.0	(1)	(1)	Phonographs and graphophones ²	1919	12,266	77.6	22.3	(1)
Chemicals.....	1919	12,472	91.9	8.0	0.2	Pottery.....	1919	5,717	78.4	19.4	2.2
	1914	6,276	90.5	9.4	0.1		1914	5,225	81.5	17.5	1.0
Clothing, men's.....	1919	4,801	48.8	48.7	2.5	Printing and publishing, book and job....	1919	2,339	75.8	21.7	2.5
	1914	4,715	52.3	47.4	0.3		1914	1,698	84.3	13.7	2.0
Clothing, women's.....	1919	5,696	12.5	87.0	0.5	Printing and publishing, newspapers and periodicals.....	1919	2,352	88.1	10.5	1.5
	1914	5,423	16.7	81.6	1.6		1914	2,470	88.5	10.2	1.4
Coal-tar products ²	1919	6,495	99.0	0.9	0.1	Pumps, steam and other power ²	1919	2,408	95.6	3.5	0.9
Confectionery and ice cream.....	1919	2,955	46.6	50.4	2.9	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	1919	12,353	85.9	12.9	1.2
	1914	1,810	49.4	47.5	3.1		1914	6,316	87.2	11.1	1.7
Cordage and twine.....	1919	2,334	44.0	49.1	6.9	Shipbuilding, steel.....	1919	50,251	99.2	0.8	.....
	1914	760	63.4	35.9	0.7		1914	5,142	100.0	.....	.....
Corsets.....	1919	2,152	10.3	88.2	1.5	Shipbuilding, wooden, including boat building.....	1919	2,146	99.5	0.5	.....
	1914	2,592	8.4	90.0	1.5		1914	1,182	99.9	0.1	.....
Cotton goods.....	1919	9,261	43.0	53.6	3.4	Shirts.....	1919	2,884	16.9	80.4	2.8
	1914	7,144	44.5	49.9	5.6		1914	3,502	18.3	77.2	4.5
Cutlery and edge tools.....	1919	1,951	79.7	18.7	1.7	Silk goods, including throwsters.....	1919	32,326	45.7	51.4	2.8
	1914	1,551	83.3	15.3	1.4		1914	28,263	46.7	51.2	2.1
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	14,492	75.3	22.7	2.0	Slaughtering and meat packing.....	1919	3,566	91.3	8.7	0.1
	1914	11,683	83.8	15.6	0.6		1914	2,033	95.6	4.2	0.2
Electrical machinery, apparatus, and sup- plies.....	1919	26,135	65.6	33.4	1.0	Smelting and refining, copper.....	1919	4,066	88.9	1.1	.....
	1914	14,405	68.0	31.4	0.6		1914	3,344	100.0	.....	.....
Engines, steam, gas, and water.....	1919	2,392	99.4	0.5	0.1	Soap.....	1919	2,889	67.0	30.8	2.2
	1914	677	99.6	.....	0.4		1914	2,057	71.8	28.0	0.2
Foundry and machine-shop products ²	1919	28,410	94.0	5.3	0.7	Stamped ware, not elsewhere specified.....	1919	2,446	69.3	25.9	4.8
	1914	18,099	96.8	2.7	0.5		1914	2,263	78.5	19.4	2.1
Furnishing goods, men's.....	1919	2,841	11.1	83.9	5.0	Structural ironwork, not made in steel works or rolling mills.....	1919	2,115	100.0	.....	.....
	1914	3,920	10.7	86.6	2.7		1914	2,603	99.7	0.3	.....
Furniture.....	1919	2,136	97.3	2.4	0.3	Tinware, not elsewhere specified.....	1919	1,990	79.0	20.8	0.2
	1914	2,287	98.1	1.4	0.5		1914	1,328	77.1	22.4	0.5
Gas, illuminating and heating.....	1919	2,083	99.5	0.5	.....	Tobacco manufactures.....	1919	10,161	21.6	74.5	3.9
	1914	2,205	99.9	0.1	.....		1914	15,830	20.6	74.3	5.1
Glass.....	1919	5,942	86.9	12.2	1.0	Wire ²	1919	1,923	95.9	3.9	0.2
	1914	5,784	94.7	3.2	2.2	Woolen and worsted goods.....	1919	14,490	45.1	49.8	5.1
Hats, fur-felt.....	1919	3,303	77.2	22.6	0.2		1914	14,280	41.9	56.4	1.7
	1914	4,401	75.1	24.6	0.3	All other industries.....	1919	110,018	80.4	18.3	1.3
							1914	109,265	82.7	16.5	0.8

¹ Less than one-tenth of 1 per cent.
² Not shown separately in 1914.

³ Includes "iron and steel, tempering and welding"; "machine tools"; and "textile machinery and parts."

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

AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.																	
CITY.	16 years of age and over.									Under 16 years of age.					VALUE OF PRODUCTS.		
	Total.			Male.			Female.										
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909		
Asbury Park.....	393	312	264	199	206	258	194	106	6				\$1,565,289	\$765,762	\$602,194		
Atlantic City.....	958	918	786	886	877	764	71	40	14	1	1	8	6,358,720	2,971,065	2,340,291		
Bayonne.....	14,994	10,150	7,519	13,182	9,079	6,624	1,653	1,007	718	159	64	177	260,602,109	98,234,245	73,640,900		
Belleville.....	1,856			1,534			316			6			11,764,501				
Bloomfield.....	5,150	3,177	2,957	3,451	1,801	1,475	1,653	1,321	1,390	46	55	92	25,245,436	8,357,620	5,894,710		
Bridgeton.....	2,329	2,479	2,387	1,691	1,823	1,647	619	616	695	19	40	45	10,958,787	4,935,711	4,070,508		
Camden.....	40,906	22,541	16,527	34,365	18,412	12,923	6,364	3,987	3,142	177	142	462	218,165,277	71,823,905	49,137,874		
Clifton.....	3,253			1,903			1,186			164			29,430,811				
East Orange.....	2,683	1,949	1,386	1,790	1,335	1,042	874	602	323	19	12	21	11,084,224	5,406,985	3,724,879		
Elizabeth.....	18,386	12,870	12,737	15,615	10,874	11,291	2,743	1,957	1,408	28	39	38	76,440,515	31,228,181	29,147,334		
Englewood.....	256	91		180	74		76	17					1,110,264	321,161			
Garfield.....	5,025	5,809	2,530	2,563	2,437	1,025	2,260	3,258	1,412	202	174	93	40,233,553	16,113,492	8,893,710		
Gloucester.....	0,225	1,945		5,081	739		995	1,151		149	55		19,994,017	4,710,951			
Hackensack.....	698	766	738	399	523	527	274	236	206	25	7	5	3,707,795	2,252,503	1,977,066		
Harrison.....	13,026	7,404	6,893	10,732	5,802	4,829	2,255	1,966	1,980	39	36	84	61,766,642	17,960,500	13,769,877		
Hoboken.....	15,933	9,290	7,883	12,779	6,778	5,821	3,008	2,405	1,839	146	107	223	70,311,540	23,461,298	19,016,310		
Irvine.....	1,956	921	540	1,769	790	436	177	102	76	10	29	28	12,175,332	7,340,713	3,017,824		
Jersey City.....	36,981	31,021	25,454	26,680	21,765	18,140	9,509	9,011	0,860	792	245	448	374,182,924	104,528,608	128,774,978		
Kearny.....	14,860	5,094	4,001	14,477	4,442	3,464	312	623	493	71	29	44	80,832,074	15,419,840	12,380,445		
Long Branch.....	841	410	415	362	226	260	471	180	153	8	4	2	3,012,724	1,055,428	1,116,663		
Millville.....	3,857	3,198	2,761	2,848	2,534	2,206	851	572	411	158	92	144	10,416,362	4,644,412	4,181,824		
Montclair.....	281	382	252	223	317	219	56	56	32	2	9	1	2,282,413	1,431,768	1,025,585		
Morristown.....	248	218	201	185	190	177	63	24	22		4	2	1,352,152	684,266	724,233		
New Brunswick.....	7,673	6,448	5,204	4,756	2,909	2,411	2,859	3,462	2,711	58	77	142	42,624,947	14,814,018	10,004,802		
Newark.....	86,707	63,084	59,885	65,254	44,958	42,847	20,480	17,159	15,308	973	967	1,730	577,608,564	210,601,047	201,888,250		
Orange.....	2,712	2,126	1,770	1,816	1,636	1,337	888	483	379	8	7	54	13,092,066	4,558,321	3,458,907		
Passaic.....	18,203	17,142	14,654	10,558	9,250	7,937	6,825	7,584	6,296	820	308	421	129,073,484	53,207,859	40,732,557		
Paterson.....	37,217	30,925	31,981	22,252	18,456	18,391	14,282	11,836	12,579	683	633	1,011	210,650,174	78,428,639	69,262,659		
Perth Amboy.....	9,197	9,202	7,082	7,119	6,798	5,584	1,890	2,218	1,340	188	186	158	230,658,263	148,959,944	118,598,066		
Phillipsburg.....	5,403	4,359	3,432	4,238	3,118	2,718	1,088	1,173	649	77	68	65	29,407,670	11,328,677	9,150,227		
Plainfield.....	3,421	1,832	1,758	2,959	1,456	1,454	455	371	292	7	5	12	17,540,331	5,008,880	3,648,745		
Rahway.....	1,697			1,268			381			48			11,747,584				
Trenton.....	24,547	19,828	18,543	18,457	15,456	14,751	5,570	3,832	3,484	520	540	308	122,477,987	54,821,906	49,115,211		
Union.....	1,506	1,479	1,855	757	844	834	708	625	991	41	10	30	8,195,484	4,465,201	5,883,402		
West Hoboken.....	3,565	3,454	2,782	1,391	1,395	1,127	2,128	2,016	1,541	46	43	114	16,652,844	6,001,166	5,577,439		
West New York.....	3,208	2,335	1,508	1,327	1,320	770	1,838	1,007	694	43	8	44	28,377,866	13,000,963	9,273,717		
All other cities ¹	6,334			5,208			1,122			4			27,844,036				

¹ All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.			MONTH.	NUMBER. ¹			PERCENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January.....	504,994	375,612	<i>375,158</i>	93.9	97.9	91.2	July.....	510,709	371,217	318,216	95.0	96.7	92.7
February.....	484,983	377,720	313,216	90.2	98.4	91.2	August.....	510,895	367,483	323,506	96.1	95.7	94.2
March.....	<i>482,240</i>	381,166	318,401	89.7	99.3	92.7	September.....	519,235	372,481	334,710	96.6	97.0	97.5
April.....	489,806	383,830	321,883	91.1	100.0	93.7	October.....	528,238	372,664	341,509	98.2	97.1	99.5
May.....	496,342	383,376	321,876	92.3	99.9	93.7	November.....	530,083	362,322	342,786	98.6	94.4	99.8
June.....	503,063	379,332	321,969	93.6	98.8	93.8	December.....	537,639	<i>366,067</i>	343,389	100.0	92.8	100.0

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

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Percent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries.....	508,686	504,994	484,083	<i>488,240</i>	489,806	496,342	503,068	510,709	516,895	519,235	525,238	530,083	537,639	89.7
Males.....	388,419	385,734	373,075	<i>371,131</i>	374,515	379,240	383,893	389,872	394,479	394,761	401,151	402,976	410,201	90.5
Females.....	120,267	119,260	111,008	<i>117,109</i>	115,291	117,102	119,175	120,837	122,416	124,474	127,087	127,107	127,438	87.2
Automobile bodies and parts.....	3,160	2,476	<i>2,461</i>	2,623	2,803	2,914	2,997	3,372	3,530	3,710	3,696	3,621	3,717	66.2
Automobiles.....	2,350	2,793	2,474	2,200	<i>2,035</i>	2,068	2,089	2,313	2,317	2,315	2,429	2,569	2,656	72.9
Boots and shoes, not including rubber boots and shoes.....	2,835	<i>2,075</i>	2,778	2,813	2,825	2,842	2,886	2,849	2,812	2,806	2,765	2,952	3,017	88.7
Boxes, paper and other, not elsewhere specified.....	2,050	2,090	2,563	2,567	2,554	<i>2,512</i>	2,598	2,718	2,641	2,707	2,760	2,765	2,833	88.7
Brass, bronze, and copper products.....	2,185	2,575	2,451	2,100	2,018	2,020	<i>1,968</i>	2,061	2,226	2,007	2,056	2,300	2,402	76.4
Bread and other bakery products.....	5,911	5,603	5,659	<i>5,602</i>	5,710	5,702	5,854	5,907	6,170	6,181	6,167	6,091	6,196	90.4
Brick and tile, terra-cotta, and fire-clay products.....	3,544	2,483	<i>2,190</i>	2,325	2,732	3,207	3,659	4,077	4,398	4,408	4,429	4,422	4,198	49.4
Buttons.....	2,570	<i>2,340</i>	2,345	2,399	2,436	2,497	2,567	2,639	2,712	2,683	2,700	2,764	2,752	84.7
Canning and preserving, fruits and vegetables.....	2,685	1,835	1,801	1,571	<i>1,240</i>	1,378	2,267	2,778	4,305	4,858	4,725	3,096	2,366	25.5
Cars and general shop construction and repairs by steam-railroad companies.....	10,321	10,431	10,501	9,738	<i>9,455</i>	9,901	10,038	10,305	10,390	10,658	10,670	10,863	10,902	86.7
Chemicals.....	12,472	12,911	12,846	11,734	<i>11,277</i>	11,765	11,946	12,469	12,706	12,818	12,988	13,077	13,127	85.9
Clothing, men's.....	4,801	<i>3,853</i>	4,027	4,246	4,312	4,358	4,727	5,016	5,130	5,193	5,468	5,568	5,729	66.9
Clothing, women's.....	5,696	<i>4,870</i>	4,925	5,046	5,164	5,562	5,719	5,812	6,145	6,351	6,362	6,201	6,135	76.5
Coal-tar products.....	6,495	<i>6,084</i>	<i>6,582</i>	5,822	6,165	6,459	6,487	5,970	6,943	7,010	7,017	7,118	7,276	76.8
Confectionery and ice cream.....	2,955	<i>2,817</i>	2,450	2,540	2,582	2,584	2,865	3,273	3,722	3,846	<i>3,924</i>	2,763	2,504	59.0
Cordage and twine.....	2,334	<i>2,377</i>	2,363	2,388	2,301	2,294	2,310	2,340	2,394	<i>2,225</i>	2,299	2,303	2,414	92.2
Corsets.....	2,152	2,040	2,008	<i>1,991</i>	2,041	2,069	2,101	2,226	2,269	2,236	2,262	2,282	2,309	86.2
Cotton goods.....	9,261	9,163	<i>8,437</i>	8,726	9,133	9,311	9,421	9,278	9,462	9,481	9,461	9,488	9,771	86.3
Cutlery and edge tools.....	1,951	1,998	1,938	1,898	1,923	1,943	1,941	1,949	<i>1,709</i>	1,743	1,900	2,168	2,212	77.3
Dyeing and finishing textiles, exclusive of that done in textile mills.....	14,492	14,359	14,082	14,470	13,787	14,191	14,491	15,155	14,301	<i>13,156</i>	14,720	15,285	15,907	82.7
Electrical machinery, apparatus, and supplies.....	26,135	28,285	27,542	26,708	25,963	25,651	24,484	<i>24,299</i>	24,816	25,480	26,061	26,690	27,641	85.9
Engines, steam, gas, and water.....	2,392	5,057	5,054	4,438	2,959	1,616	1,543	1,457	1,366	1,293	1,288	<i>1,287</i>	1,346	25.4
Foundry and machine-shop products.....	25,033	26,608	25,621	25,013	25,170	24,640	24,774	<i>25,928</i>	24,246	24,707	24,558	25,080	25,751	89.9
Furnishing goods, men's.....	2,841	<i>3,187</i>	2,972	<i>1,846</i>	2,203	2,543	2,982	3,001	3,161	3,074	3,054	3,213	2,766	57.5
Furniture.....	2,136	<i>1,001</i>	1,906	1,943	1,963	2,064	2,103	2,126	2,326	2,295	2,312	2,337	2,356	80.7
Gas, illuminating and heating.....	2,083	2,303	2,176	2,012	<i>1,924</i>	2,057	2,077	2,188	2,062	2,029	2,029	2,067	2,072	83.5
Glass.....	5,912	<i>6,574</i>	5,909	6,076	6,274	6,171	6,120	5,045	<i>4,488</i>	5,089	6,182	6,565	6,811	65.9
Hats, fur-felt.....	3,303	3,081	3,034	3,050	3,052	<i>3,026</i>	3,234	3,309	3,496	3,521	3,574	3,588	3,581	84.3
Iron and steel, steel works and rolling mills.....	13,811	14,473	14,316	14,153	13,645	13,402	13,658	<i>13,351</i>	13,427	13,638	13,888	13,884	13,807	92.2
Iron and steel, cast-iron pipe.....	2,035	1,908	1,657	<i>1,602</i>	1,842	1,914	2,030	2,069	2,221	2,197	2,330	2,278	2,372	67.5
Jewelry.....	3,234	<i>2,784</i>	2,856	2,992	3,064	3,168	3,237	3,342	3,462	3,462	3,491	3,510	3,524	77.6
Knit goods.....	4,853	<i>4,545</i>	4,648	4,755	4,705	4,721	4,679	4,887	4,932	4,900	5,100	5,184	5,180	87.7
Leather, tanned, curried, and finished.....	5,490	<i>4,850</i>	5,001	5,059	5,365	5,568	5,714	5,607	5,781	5,920	5,802	5,583	5,757	82.0
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1,950	1,777	<i>1,665</i>	1,765	1,847	1,890	1,933	2,000	2,000	2,089	2,101	2,147	2,126	77.6
Millinery and lace goods, not elsewhere specified.....	6,254	5,821	5,826	<i>5,559</i>	5,696	6,181	6,122	6,544	6,647	6,571	6,681	6,735	6,695	82.5
Oilcloth and linoleum, floor.....	2,136	<i>1,544</i>	<i>1,544</i>	1,908	1,746	1,956	2,218	2,338	2,397	2,464	2,539	2,558	2,660	58.0
Paper and wood pulp.....	3,108	3,029	2,827	2,948	<i>2,799</i>	2,827	2,922	3,213	3,374	3,384	3,406	3,335	3,232	82.2
Pencils, lead.....	2,842	2,884	2,905	2,872	2,897	2,861	2,838	2,866	2,880	2,767	<i>2,747</i>	2,808	2,770	94.6
Petroleum, refining.....	10,178	9,330	9,218	<i>9,025</i>	9,198	9,901	10,322	10,620	10,772	10,708	11,801	10,992	10,749	79.9
Photographs and graphophones.....	12,260	<i>9,880</i>	10,707	11,426	11,786	12,175	12,516	12,250	12,161	12,722	13,424	14,121	14,024	70.0
Pottery.....	5,717	5,196	4,973	<i>4,958</i>	4,988	5,190	5,431	5,722	6,124	6,214	6,446	6,598	6,764	73.3
Printing and publishing, book and job.....	2,339	2,273	2,286	2,333	<i>2,196</i>	2,337	2,370	2,301	2,204	2,247	2,458	2,395	2,668	82.3
Printing and publishing, newspapers and periodicals.....	2,352	2,342	2,391	2,353	2,369	2,361	2,370	<i>2,284</i>	2,296	2,323	2,358	2,376	2,401	95.1
Pumps, steam and other power.....	2,408	2,598	2,520	2,624	2,481	2,402	2,347	2,353	2,313	2,322	<i>2,187</i>	2,378	2,371	83.3
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	12,353	<i>11,321</i>	11,885	12,152	11,880	12,204	12,252	12,355	12,485	12,054	13,021	13,259	13,368	84.7
Shipbuilding, steel.....	50,251	50,979	51,207	52,467	51,499	51,207	50,402	51,228	51,104	48,438	47,674	47,492	49,315	90.5
Shipbuilding, wooden, including boat building.....	2,146	2,231	2,302	<i>1,926</i>	2,024	2,126	2,231	2,164	2,162	2,194	2,015	2,224	2,153	83.7
Shirts.....	2,884	<i>2,699</i>	2,730	2,727	2,756	2,782	2,760	2,842	2,847	2,955	3,084	3,177	3,249	83.1
Silk goods, including throwsters.....	32,326	30,541	28,628	30,628	31,270	31,698	32,169	32,700	32,689	33,521	34,268	34,736	35,064	81.6
Slaughtering and meat packing.....	3,566	3,914	3,825	3,687	3,594	3,691	3,666	3,577	3,580	3,546	3,514	<i>2,699</i>	3,609	66.4
Smelting and refining, copper.....	4,066	<i>4,926</i>	4,788	4,414	4,378	3,986	3,693	3,990	3,820	3,707	3,826	3,640	<i>3,624</i>	73.6
Soap.....	2,880	2,863	2,702	<i>2,662</i>	2,696	2,773	2,909	3,024	3,150	3,111	2,991	2,894	2,893	84.5
Stamped ware, not elsewhere specified.....	2,446	<i>2,277</i>	2,407	2,448	2,437	2,443	2,414	2,454	2,497	2,488	2,471	2,475	2,541	80.6
Structural ironwork, not made in steel works or rolling mills.....	2,115	2,199	2,168	2,066	2,050	2,025	2,005	2,044	2,095	2,164	2,187	2,192	2,185	91.2
Tinware, not elsewhere specified.....	1,990	1,916	2,003	1,945	<i>1,698</i>	1,844	1,906	1,901	2,063	2,142	2,122	2,074	2,176	78.0
Tobacco, cigars and cigarettes.....	8,443	8,687	8,997	8,752	8,336	8,059	8,084	7,590	<i>6,896</i>	7,549	8,810	9,635	10,121	66.2
Wire.....	1,923	2,024	1,902	1,846	1,773	<i>1,717</i>	1,776	1,891	1,984	2,033	2,068	2,007	2,057	83.1
Worsteds goods.....	13,219	12,605	<i>2,558</i>	2,610	12,991	14,863	15,675	16,294	16,294	16,182	16,059	16,154	16,309	15.7
All other industries.....	110,384	117,683	113,411	111,877	<i>111,769</i>	112,650	114,181	110,802	118,146	119,366	119,625	120,060	121,008	92.4

MANUFACTURES—NEW JERSEY.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Percent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
<i>Industries showing large proportion of females.</i>														
Boots and shoes, not including rubber boots and shoes.	1,152	<i>1,080</i>	1,119	1,116	1,136	1,148	1,149	1,153	1,162	1,168	1,179	1,213	1,201	89.0
Boxes, paper and other, not elsewhere specified.	1,604	1,547	1,553	1,572	1,563	<i>1,541</i>	1,673	1,641	1,646	1,599	1,641	1,659	1,713	90.0
Canning and preserving, fruits and vegetables.	1,040	692	603	535	<i>363</i>	408	851	969	1,733	2,139	2,221	1,220	686	16.3
Clothing, men's.	2,433	<i>2,006</i>	2,124	2,185	2,201	2,229	2,369	2,485	2,521	2,596	2,712	2,827	2,941	68.2
Clothing, women's.	4,973	4,271	<i>4,260</i>	4,360	4,541	4,932	5,065	5,036	5,311	5,515	<i>5,529</i>	5,468	5,388	77.0
Confectionery and ice cream.	1,546	<i>1,188</i>	1,265	1,325	1,309	1,251	1,382	1,644	1,950	2,129	2,293	1,482	1,334	51.8
Cordage and twine.	1,222	1,245	1,224	1,214	1,227	1,219	1,215	1,235	1,265	1,211	1,206	<i>1,170</i>	1,233	92.5
Corsets.	1,928	1,838	1,803	1,780	1,821	1,847	1,880	1,991	2,025	1,993	2,030	2,052	<i>2,076</i>	85.7
Cotton goods.	5,191	5,197	<i>4,908</i>	5,085	5,195	5,224	5,255	5,103	5,261	5,300	5,226	5,194	5,354	91.7
Dyeing and finishing textiles, exclusive of that done in textile mills.	3,464	3,626	3,586	3,580	<i>3,152</i>	3,231	3,254	3,385	3,429	3,410	3,610	3,585	3,720	84.7
Electrical machinery, apparatus, and supplies.	8,817	9,723	9,566	9,388	8,871	8,586	8,326	8,222	<i>8,211</i>	8,427	8,590	8,880	9,005	84.4
Furnishing goods, men's.	2,508	2,785	2,599	<i>1,610</i>	1,977	2,261	2,643	2,639	2,805	2,731	2,716	2,848	2,482	56.5
Knit goods.	3,774	<i>3,601</i>	3,683	3,756	3,709	3,704	3,608	3,775	3,815	3,781	3,907	3,982	3,967	90.4
Millinery and lace goods, not elsewhere specified.	5,111	4,814	4,791	<i>4,522</i>	4,508	5,072	4,988	5,338	5,444	5,309	5,453	5,501	5,442	82.2
Pencils, lead.	1,637	1,615	1,671	1,669	1,686	1,654	1,641	1,673	1,691	1,589	<i>1,673</i>	1,576	1,606	93.0
Phonographs and graphophones.	2,739	2,865	2,756	2,738	2,705	2,684	2,686	<i>2,644</i>	2,659	2,691	2,780	2,864	2,796	92.3
Pottery.	1,155	1,065	1,006	1,011	<i>994</i>	1,063	1,108	1,142	1,223	1,221	1,302	1,351	1,374	72.3
Shirts.	2,380	<i>2,224</i>	2,204	2,249	2,261	2,289	2,273	2,328	2,340	2,443	2,537	2,642	2,710	82.1
Silk goods, including throwsters.	17,252	16,460	<i>15,452</i>	16,359	16,827	17,040	17,336	17,477	17,382	17,786	18,016	18,349	18,540	83.3
Tobacco, cigars and cigarettes.	7,113	7,412	7,703	7,454	7,064	6,802	6,878	6,411	<i>5,603</i>	6,207	7,347	8,111	8,524	64.6
Worsted goods.	6,998	6,657	<i>1,663</i>	1,682	6,952	7,709	8,116	8,442	8,473	8,590	8,425	8,518	8,548	19.4
Total for cities.	402,485	401,864	384,086	<i>381,855</i>	390,536	395,123	398,771	404,147	407,717	408,097	410,371	417,672	422,681	90.3
Males.	302,720	302,464	291,778	<i>290,625</i>	294,598	297,504	299,445	303,328	306,137	306,137	311,483	312,110	316,881	91.7
Females.	99,765	99,400	92,308	<i>91,230</i>	95,938	97,619	99,326	100,819	101,580	101,960	104,888	105,562	105,800	86.3
ASBURY PARK.	393	<i>349</i>	353	352	379	400	426	450	448	413	386	374	386	77.6
Males.	199	<i>153</i>	161	162	182	196	222	239	249	227	204	189	201	63.5
Females.	194	191	192	192	197	204	204	211	199	186	<i>182</i>	185	185	86.3
ATLANTIC CITY.	958	<i>804</i>	833	879	912	947	991	1,107	1,101	1,011	975	950	977	72.6
Males.	887	<i>746</i>	771	805	838	875	913	1,019	1,018	937	907	899	916	73.2
Females.	71	58	62	74	74	72	78	88	83	74	68	60	61	65.9
BAYONNE.	14,994	15,983	15,508	14,396	<i>13,886</i>	14,255	14,277	14,682	14,890	15,183	15,530	15,413	15,916	86.9
Males.	13,254	14,141	13,710	12,726	<i>12,209</i>	12,626	12,635	12,949	13,168	13,424	13,803	13,670	14,087	80.3
Females.	1,740	1,842	1,798	<i>1,670</i>	1,677	1,729	1,642	1,733	1,722	1,759	1,736	1,743	1,829	90.7
BELLEVILLE.	1,856	1,885	1,906	1,996	1,952	1,799	<i>1,734</i>	1,753	1,789	1,800	1,875	1,885	1,889	86.0
Males.	1,539	1,573	1,567	<i>1,641</i>	1,608	1,518	<i>1,453</i>	1,461	1,491	1,501	1,545	1,548	1,562	80.9
Females.	317	312	339	355	344	281	<i>281</i>	292	298	308	330	337	327	79.2
BLOOMFIELD.	5,150	5,247	5,240	5,381	5,150	5,089	<i>4,982</i>	5,004	5,035	5,052	5,066	5,200	5,264	92.6
Males.	3,475	3,624	3,614	3,699	3,604	3,531	<i>3,412</i>	3,343	3,357	3,305	3,302	3,448	3,461	89.3
Females.	1,675	1,623	1,626	1,682	<i>1,546</i>	1,558	1,570	1,661	1,678	1,747	1,764	1,842	1,803	83.9
BRIDGETON.	2,329	2,243	2,172	2,154	<i>2,119</i>	2,204	2,315	2,249	2,304	2,389	2,498	2,587	2,586	80.7
Males.	1,710	1,708	1,729	1,700	<i>1,695</i>	1,676	1,673	1,668	1,586	1,579	1,805	1,841	1,860	76.9
Females.	619	475	443	454	<i>424</i>	528	642	741	718	810	821	746	626	61.6
CAMDEN.	40,906	<i>35,261</i>	36,110	36,220	37,512	38,613	40,188	41,653	43,714	44,365	45,413	45,969	45,834	76.7
Males.	34,418	<i>28,634</i>	29,395	29,716	31,242	32,315	33,885	35,219	37,404	38,042	38,804	39,275	39,125	72.7
Females.	6,488	<i>6,627</i>	6,716	6,504	6,270	6,298	6,303	6,434	<i>6,260</i>	6,323	6,609	6,714	6,709	92.9
CLIFTON.	3,253	3,178	<i>2,625</i>	2,555	3,011	3,223	3,336	3,479	3,496	3,512	3,525	3,574	3,622	69.7
Males.	1,937	1,911	<i>1,478</i>	1,647	1,823	1,944	2,033	2,133	2,143	2,131	2,127	2,179	2,195	71.9
Females.	1,266	1,267	947	908	1,188	1,279	1,303	1,346	1,353	1,381	1,398	1,395	1,427	63.6
EAST ORANGE.	2,683	2,589	2,612	2,564	<i>2,489</i>	2,555	2,666	2,732	2,745	2,794	2,850	2,805	2,795	87.3
Males.	1,797	<i>1,630</i>	1,626	1,616	<i>1,628</i>	1,738	1,846	1,878	1,844	1,926	1,971	1,942	1,960	80.2
Females.	886	1,009	986	948	861	817	820	854	901	868	870	863	835	81.0
ELIZABETH.	18,386	18,346	18,148	18,422	18,234	18,318	<i>18,086</i>	18,598	18,607	18,473	18,590	18,460	18,344	97.2
Males.	15,626	15,766	15,527	15,732	15,537	15,670	<i>15,327</i>	15,744	15,787	15,636	15,658	15,489	15,639	97.1
Females.	2,760	<i>2,580</i>	2,621	2,690	2,697	2,648	2,759	2,854	2,820	2,837	2,932	2,977	2,705	86.7
ENGLEWOOD.	256	220	<i>218</i>	225	237	246	242	245	252	299	297	302	289	72.2
Males.	180	<i>153</i>	161	166	178	181	181	185	190	194	193	191	182	81.4
Females.	76	62	67	59	59	65	61	60	62	105	104	111	107	61.4
GARFIELD.	5,025	5,209	1,867	<i>1,477</i>	4,739	5,038	5,652	5,887	6,128	6,184	5,970	6,095	6,054	23.9
Males.	2,659	2,648	<i>1,171</i>	1,213	2,496	2,811	2,905	3,102	3,082	3,106	3,097	3,178	3,099	36.8
Females.	2,366	2,561	696	<i>264</i>	2,243	2,227	2,747	2,785	3,046	3,078	2,873	2,917	2,955	8.6
GLOUCESTER.	6,225	8,322	7,804	7,374	7,273	6,229	5,691	5,149	5,116	<i>4,082</i>	5,289	5,772	6,019	56.0
Males.	5,153	7,288	6,762	6,320	6,187	5,163	4,641	4,064	4,077	<i>3,630</i>	4,214	4,632	4,858	49.8
Females.	1,072	1,034	1,042	1,054	1,086	1,066	1,050	1,085	1,039	<i>1,032</i>	1,075	1,140	1,161	88.9
HACKENSACK.	698	642	633	<i>625</i>	646	650	665	682	737	752	770	765	809	77.3
Males.	405	382	368	<i>362</i>	378	381	393	382	414	433	455	446	466	77.7
Females.	293	<i>260</i>	265	263	268	269	272	300	323	319	315	319	343	75.8
HARRISON.	13,026	13,406	13,387	13,043	13,498	13,001	13,111	13,020	12,710	12,808	<i>12,707</i>	12,769	12,852	94.1
Males.	10,764	10,861	10,689	<i>10,434</i>	10,922	10,598	10,856	10,864	10,654	10,692	10,772	10,851	10,975	95.1
Females.	2,262	2,545	2,698	2,609	2,576	2,403	2,255	2,156	2,060	2,116	1,935	1,918	<i>1,877</i>	69.6

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
HOBOKEN.....	15,933	17,430	17,156	17,458	15,644	15,325	<i>14,282</i>	14,576	14,843	16,231	15,473	15,076	17,702	80.7
Males.....	12,827	14,123	13,876	14,117	12,679	12,331	<i>11,543</i>	11,514	11,746	13,173	12,396	11,984	14,642	77.5
Females.....	3,106	3,307	3,280	3,341	2,965	2,994	<i>2,739</i>	3,062	3,097	3,058	3,077	3,092	3,060	88.0
IRVINGTON.....	1,956	1,777	<i>1,723</i>	1,760	1,811	1,914	1,778	1,945	1,984	2,052	2,155	2,244	2,329	74.0
Males.....	1,773	1,603	<i>1,604</i>	1,587	1,627	1,735	1,597	1,755	1,803	1,888	1,957	2,047	2,132	73.4
Females.....	183	174	<i>150</i>	173	184	179	181	189	181	184	198	197	197	80.3
JERSEY CITY.....	36,981	37,802	37,509	36,264	<i>35,671</i>	36,465	36,496	36,839	36,319	37,285	37,672	37,327	38,223	93.1
Males.....	27,025	27,553	27,400	26,525	<i>26,800</i>	26,591	26,818	26,771	26,712	27,470	27,536	27,207	27,917	92.4
Females.....	9,956	10,249	10,109	9,739	<i>9,771</i>	9,874	9,678	10,068	<i>9,607</i>	9,815	10,136	10,120	10,306	93.2
KEARNY.....	14,860	16,209	17,199	16,924	15,139	15,154	14,811	14,891	14,477	14,114	13,463	13,110	<i>12,829</i>	74.6
Males.....	14,621	15,871	16,869	16,585	14,799	14,820	14,480	14,542	14,113	13,746	13,128	12,798	<i>12,601</i>	74.1
Females.....	339	338	330	339	340	334	331	349	364	368	335	312	328	84.8
LONG BRANCH.....	841	<i>822</i>	649	698	718	816	898	972	984	949	913	953	920	63.2
Males.....	366	<i>254</i>	268	288	303	350	403	450	434	423	406	411	402	56.4
Females.....	475	<i>308</i>	381	410	415	466	495	522	550	526	507	542	518	66.9
MILLVILLE.....	3,857	3,758	<i>3,104</i>	3,482	3,849	3,890	<i>4,234</i>	4,042	3,808	3,882	3,982	4,077	4,085	75.4
Males.....	2,918	2,894	<i>2,535</i>	2,566	2,926	3,000	<i>3,252</i>	3,076	2,843	2,910	3,000	3,108	3,106	71.8
Females.....	939	864	<i>869</i>	916	923	890	<i>982</i>	966	965	972	982	969	980	87.5
MONTCLAIR.....	281	265	<i>260</i>	260	273	263	275	268	322	296	298	296	296	80.7
Males.....	225	212	<i>207</i>	208	219	212	218	207	257	244	236	240	242	80.2
Females.....	56	53	<i>53</i>	54	54	51	57	61	65	52	62	56	54	78.5
MORRISTOWN.....	248	<i>206</i>	212	221	231	236	257	258	262	272	268	282	271	73.0
Males.....	185	162	<i>159</i>	169	176	181	193	197	200	202	200	195	186	78.7
Females.....	63	44	<i>53</i>	52	55	55	64	61	62	70	68	87	85	50.6
NEW BRUNSWICK.....	7,673	10,016	10,032	9,458	7,097	6,721	6,638	<i>6,217</i>	6,508	7,045	7,077	7,198	7,169	62.0
Males.....	4,785	6,866	<i>6,967</i>	6,477	5,011	3,768	3,830	<i>3,851</i>	4,074	4,105	4,124	4,193	4,154	54.1
Females.....	2,888	3,150	<i>3,065</i>	2,981	2,086	2,953	2,808	<i>2,366</i>	2,434	2,940	2,953	3,005	3,015	75.1
NEWARK.....	86,707	81,677	<i>81,628</i>	83,497	84,655	86,006	87,303	88,537	89,247	87,581	90,541	89,795	90,111	90.0
Males.....	65,773	61,570	<i>61,553</i>	63,044	64,330	65,670	66,794	67,645	68,186	66,484	68,414	67,892	67,914	89.6
Females.....	20,934	<i>20,107</i>	20,195	20,453	20,326	20,336	20,514	20,892	21,061	21,097	22,127	21,903	22,197	90.6
ORANGE.....	2,712	<i>2,964</i>	2,937	2,702	<i>2,539</i>	2,621	2,684	2,715	2,646	2,677	2,668	2,690	2,701	85.7
Males.....	1,823	<i>1,913</i>	1,925	1,771	<i>1,718</i>	1,792	1,803	1,849	1,823	1,824	1,804	1,825	1,829	89.2
Females.....	889	<i>1,051</i>	1,012	931	<i>821</i>	829	881	866	823	853	864	865	872	78.1
PASSAIC.....	18,203	18,111	10,163	<i>7,794</i>	16,895	19,053	20,167	20,757	20,048	20,925	21,093	21,218	21,312	36.6
Males.....	10,853	10,644	6,230	<i>6,203</i>	10,244	11,175	11,762	12,191	12,362	12,359	12,553	12,609	12,844	41.0
Females.....	7,350	7,467	3,933	<i>2,591</i>	6,651	7,878	8,405	8,566	8,586	8,566	8,540	8,609	8,468	23.4
PATERSON.....	37,217	37,375	<i>33,883</i>	36,272	36,811	37,331	37,045	38,183	36,897	36,114	37,729	38,225	39,539	85.7
Males.....	22,545	23,291	<i>20,820</i>	22,404	22,404	22,855	22,872	23,302	22,072	21,026	22,520	23,324	23,820	87.0
Females.....	14,672	14,084	<i>13,063</i>	14,228	14,317	14,476	14,173	14,881	14,825	15,089	15,209	15,501	15,619	83.6
PERTH AMBOY.....	9,197	9,023	9,304	8,823	8,740	8,693	<i>8,660</i>	8,787	9,630	9,581	9,534	9,404	9,589	89.9
Males.....	7,162	7,078	7,341	6,877	6,882	6,867	<i>6,730</i>	7,270	7,493	7,395	7,305	7,136	7,170	86.8
Females.....	2,035	1,945	1,963	1,946	1,858	2,026	<i>1,926</i>	1,517	2,137	2,186	2,229	2,268	2,419	62.7
PHILLIPSBURG.....	5,403	<i>5,995</i>	5,743	5,227	5,215	5,250	5,290	<i>4,666</i>	5,347	5,388	5,567	5,587	5,625	77.8
Males.....	4,259	<i>4,896</i>	4,653	4,144	4,115	4,175	4,185	<i>3,522</i>	4,212	4,197	4,335	4,345	4,329	71.9
Females.....	1,144	1,099	1,090	1,083	1,100	1,105	1,111	<i>1,144</i>	1,135	1,191	1,232	1,242	1,196	87.2
PLAINFIELD.....	3,421	<i>4,067</i>	3,634	3,349	<i>3,186</i>	3,203	3,218	3,347	3,319	3,319	3,407	3,462	3,591	77.1
Males.....	2,905	<i>3,546</i>	3,172	2,910	<i>2,730</i>	2,757	2,790	2,924	2,887	2,861	2,933	2,986	3,094	76.7
Females.....	456	<i>521</i>	462	439	<i>410</i>	446	428	423	432	458	474	476	497	79.8
RAHWAY.....	1,067	1,686	<i>1,541</i>	1,617	1,566	<i>1,490</i>	1,591	1,725	1,727	1,649	1,850	1,925	1,988	75.4
Males.....	1,281	1,293	<i>1,167</i>	1,228	1,216	<i>1,150</i>	1,234	1,317	1,304	1,250	1,375	1,392	1,440	80.3
Females.....	416	393	<i>374</i>	389	350	<i>343</i>	357	408	423	399	475	533	548	62.6
TRENTON.....	24,547	24,345	24,056	23,928	23,047	<i>23,036</i>	23,674	24,261	24,860	25,310	25,806	26,082	26,159	88.1
Males.....	18,658	18,548	18,200	18,089	17,878	<i>17,843</i>	18,003	18,555	18,863	19,190	19,509	19,685	19,728	90.5
Females.....	5,889	5,797	5,856	5,839	<i>5,169</i>	5,188	5,671	5,906	5,997	6,120	6,297	6,397	6,431	80.4
UNION.....	1,506	1,377	<i>1,321</i>	1,429	1,493	1,498	1,532	1,534	1,576	1,581	1,578	1,586	1,567	83.3
Males.....	768	722	<i>711</i>	727	753	765	793	769	802	798	794	797	800	88.1
Females.....	738	655	<i>610</i>	702	735	733	769	765	774	783	784	789	767	77.8
WEST HOBOKEN.....	3,565	3,512	<i>3,179</i>	3,307	3,505	3,536	3,521	3,925	3,691	3,746	3,742	3,676	3,740	84.9
Males.....	1,409	1,337	<i>1,193</i>	1,281	1,413	1,405	1,415	1,457	1,483	1,510	1,494	1,450	1,470	79.0
Females.....	2,156	2,175	<i>1,986</i>	2,026	2,092	2,131	2,106	2,468	2,208	2,236	2,248	2,226	2,270	87.5
WEST NEW YORK.....	3,208	2,958	<i>2,928</i>	3,041	3,071	3,099	3,130	3,354	3,376	3,380	<i>3,411</i>	3,373	3,375	85.8
Males.....	1,334	<i>1,184</i>	1,198	1,276	1,296	1,313	1,339	1,394	1,401	1,417	1,442	1,367	1,381	82.1
Females.....	1,874	1,774	<i>1,730</i>	1,765	1,775	1,786	1,791	1,960	1,975	1,963	1,969	2,006	1,994	86.2
ALL OTHER CITIES ¹	6,334	6,405	6,619	6,681	6,592	6,917	6,818	5,958	5,874	5,914	6,266	6,441	6,023	84.9
Males.....	5,212	5,166	5,361	5,414	5,467	5,815	5,246	4,879	4,793	4,922	5,165	5,331	4,985	82.4
Females.....	1,122	1,239	1,258	1,267	1,125	1,102	1,072	1,079	1,081	<i>992</i>	1,101	1,110	1,038	78.3

¹ All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.1	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries.....	1919	508,686	120,136	19,969	162,437	101,586	28,314	57,527	12,943	5,774
	1914	373,605	(2)	(2)	28,298	62,279	60,538	177,308	32,349	12,833
	1909	326,223	(2)	(2)	16,189	25,713	45,861	173,701	49,716	15,043
Automobile bodies and parts.....	1919	3,160	366	.....	1,515	1,049	121	108	1	.....
	1914	1,989	(2)	(2)	13	1,037	311	621	7	.....
Automobiles.....	1919	2,359	379	1,021	936	.....	23	.....	.....	.....
	1914	531	(2)	(2)	5	.....	463	56	7	.....
Boots and shoes, not including rubber boots and shoes.....	1919	2,835	600	85	471	1,149	.....	530	.....	.....
	1914	3,834	(2)	(2)	245	262	4	3,310	13	.....
Boxes, paper and other, not elsewhere specified.....	1919	2,659	158	60	1,311	1,050	2	72	.....	.....
	1914	2,176	(2)	(2)	109	317	319	1,317	114	.....
Brass, bronze, and copper products.....	1919	2,185	324	8	579	432	370	445	27	.....
	1914	1,236	(2)	(2)	22	113	276	800	25	.....
Bread and other bakery products.....	1919	5,911	224	612	3,538	441	672	149	231	44
	1914	5,712	(2)	(2)	465	123	1,536	411	2,931	246
Brick and tile, terra-cotta, and fire-clay products.....	1919	3,544	201	.....	308	1,067	1,300	537	131	.....
	1914	7,786	(2)	(2)	112	192	2,784	1,967	2,731	.....
Buttons.....	1919	2,570	40	.....	974	1,057	361	138	.....	.....
	1914	1,773	(2)	(2)	74	59	165	1,472	3	.....
Canning and preserving, fruits and vegetables.....	1919	2,685	56	10	22	333	147	1,660	424	15
	1914	2,686	(2)	(2)	198	160	178	1,342	808	.....
Cars and general shop construction and repairs by steam-railroad companies.....	1919	10,321	387	.....	7,674	.....	2	2,169	33	56
	1914	6,835	(2)	(2)	779	3,659	1,061	.....	134	602
Chemicals.....	1919	12,472	25	2,037	4,853	860	260	2,242	2,116	79
	1914	6,276	(2)	(2)	25	91	65	3,457	1,115	1,523
Clothing, men's.....	1919	4,801	3,727	298	441	227	46	50	9	3
	1914	4,715	(2)	(2)	429	1,698	386	2,140	62	.....
Clothing, women's.....	1919	5,696	2,527	1,007	836	1,175	36	115	.....	.....
	1914	5,423	(2)	(2)	277	2,464	1,401	1,061	104	26
Coal-tar products ¹	1919	6,495	.....	21	4,300	254	677	956	228	59
Confectionery and ice cream.....	1919	2,955	341	24	1,498	400	180	190	112	210
	1914	1,810	(2)	(2)	84	308	102	855	271	190
Cordage and twine.....	1919	2,334	.....	.....	.....	2,076	.....	258	.....	.....
	1914	760	(2)	(2)	1	.....	221	318	220	.....
Corsets.....	1919	2,152	20	497	1,205	257	173	.....	.....	.....
	1914	2,592	.....	.....	.....	2,137	84	354	17	.....
Cotton goods.....	1919	9,261	369	.....	4,100	4,050	55	687	.....	.....
	1914	7,144	.....	.....	.....	46	.....	6,407	691	.....
Cutlery and edge tools.....	1919	1,951	19	20	270	606	2	974	.....	.....
	1914	1,551	(2)	(2)	196	526	.....	746	83	.....
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	14,492	8,957	40	992	2,154	712	1,635	2	.....
	1914	11,083	(2)	(2)	7	912	159	9,203	1,402	.....
Electrical machinery, apparatus, and supplies.....	1919	26,135	2,643	4,394	13,479	4,298	66	1,255	.....	.....
	1914	14,405	(2)	(2)	262	3,638	4,878	5,223	404	.....
Engines, steam, gas, and water.....	1919	2,392	881	135	123	521	43	689	.....	.....
	1914	677	(2)	(2)	2	.....	589	83	3	.....
Foundry and machine-shop products ¹	1919	28,410	3,205	1,310	10,756	7,272	3,149	2,336	382	.....
	1914	18,099	(2)	(2)	912	2,418	6,040	7,465	576	688
Furnishing goods, men's.....	1919	2,841	168	.....	2,122	420	39	92	.....	.....
	1914	3,920	(2)	(2)	90	678	25	3,127	.....	.....
Furniture.....	1919	2,136	522	.....	513	844	131	126	.....	.....
	1914	2,287	(2)	(2)	81	129	244	1,588	245	.....
Gas, illuminating and heating.....	1919	2,083	5	.....	1,418	43	140	255	23	199
	1914	2,205	(2)	(2)	7	3	102	46	233	1,814
Glass.....	1919	5,942	1,136	744	942	2,044	822	83	171	.....
	1914	5,784	(2)	(2)	804	3,602	918	.....	151	249
Hats, fur-felt.....	1919	3,303	2,619	267	65	323	.....	29	.....	.....
	1914	4,401	(2)	(2)	700	3,075	245	374	7	.....
Iron and steel, steel works and rolling mills.....	1919	13,811	.....	.....	.....	962	3,329	9,380	81	59
	1914	4,639	.....	.....	.....	1,842	579	1,067	1,151	.....
Iron and steel, cast-iron pipe.....	1919	2,035	.....	.....	.....	242	548	741	504	.....
	1914	3,421	.....	.....	.....	.....	100	1,875	1,446	.....
Jewelry.....	1919	3,234	2,693	67	193	230	2	49	.....	.....
	1914	3,408	(2)	(2)	521	607	1,077	1,201	2	.....

¹ Includes 48 and under for 1914 and 1909.
² Corresponding figures not available.

³ Not shown separately in 1914.

⁴ Includes "iron and steel, tempering and welding"; "machine tools"; and "textile machinery and parts."

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
Knit goods.....	1919	4,853	462	114	980	2,552	582	163	.....	.....
	1914	4,025	(²)	(²)	73	171	363	3,328	90	.....
Leather, tanned, curried, and finished.....	1919	5,499	104	.....	2,220	2,183	253	459	280	.....
	1914	5,108	(²)	(²)	110	341	283	3,592	782	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,950	784	31	211	725	147	49	3	.....
	1914	2,377	(²)	(²)	494	556	500	694	133	.....
Millinery and lace goods, not elsewhere specified.....	1919	6,254	199	144	1,026	4,288	123	424	4	46
	1914	5,573	(²)	(²)	53	205	2,210	2,751	350	4
Oilcloth and linoleum, floor.....	1919	2,136	.....	.....	.....	1,059	400	677	.....	.....
	1914	1,858	.....	.....	.....	439	384	886	149	.....
Paper and wood pulp.....	1919	3,108	667	.....	832	454	56	451	205	443
	1914	2,927	.....	.....	.....	.....	78	789	438	1,622
Pencils, lead. ²	1919	2,842	1,167	.....	.....	1,592	.....	83	.....	.....
Petroleum, refining.....	1919	10,178	81	701	9,213	183	.....	.....	186	.....
	1914	5,178	.....	.....	.....	.....	4,992	.....	.....	.....
Phonographs and graphophones. ²	1919	12,260	8	.....	9,853	121	12	2,266	6	.....
Pottery.....	1919	5,717	1,144	218	144	2,559	922	622	108	.....
	1914	5,225	(²)	(²)	1,785	1,985	1,003	381	3	68
Printing and publishing, book and job.....	1919	2,339	129	31	2,024	118	16	19	2	.....
	1914	1,698	(²)	(²)	908	547	195	42	6	.....
Printing and publishing, newspapers and periodicals.....	1919	2,352	215	62	1,729	184	44	114	3	1
	1914	2,470	(²)	(²)	1,708	224	271	196	58	3
Pumps, steam and other power. ²	1919	2,408	225	.....	14	2,116	53	.....	.....	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	1919	12,353	205	.....	2,554	2,899	337	4,752	1,006	.....
	1914	6,316	(²)	(²)	10	1,139	41	3,666	1,460	.....
Shipbuilding, steel.....	1919	50,251	40,781	312	9,158	.....	.....	.....	.....	.....
	1914	5,142	(²)	(²)	4,847	226	69	.....	.....	.....
Shipbuilding, wooden, including boat building.....	1919	2,146	774	.....	819	151	176	22	200	4
	1914	1,182	(²)	(²)	218	426	500	1	35	2
Shirts.....	1919	2,884	1,795	289	199	568	33	.....	.....	.....
	1914	3,502	(²)	(²)	209	237	385	2,572	99	.....
Silk goods, including throwsters.....	1919	32,326	24,332	1,744	2,333	3,109	118	161	52	477
	1914	28,203	(²)	(²)	33	1,532	534	26,148	16	.....
Slaughtering and meat packing.....	1919	3,566	180	8	3,233	40	42	23	40	.....
	1914	2,033	(²)	(²)	459	15	23	240	1,225	71
Smelting and refining, copper.....	1919	4,066	.....	.....	1,915	.....	.....	2,151	.....	.....
	1914	3,344	.....	.....	.....	.....	792	1,915	637	.....
Soap.....	1919	2,889	2	.....	2,206	543	20	118	.....	.....
	1914	2,087	(²)	(²)	17	1,009	56	355	20	.....
Stamped ware, not elsewhere specified.....	1919	2,446	313	.....	1,013	423	.....	607	.....	.....
	1914	2,203	(²)	(²)	51	48	727	1,282	155	.....
Structural ironwork, not made in steel works or rolling mills.....	1919	2,115	248	57	175	1,224	365	46	.....	.....
	1914	2,603	(²)	(²)	56	984	582	978	3	.....
Tinware, not elsewhere specified.....	1919	1,990	.....	.....	1,011	500	113	366	.....	.....
	1914	1,328	.....	.....	.....	287	452	577	12	.....
Tobacco manufactures.....	1919	10,161	2,164	12	441	2,547	2,238	2,342	417	.....
	1914	15,830	(²)	(²)	1,005	503	812	12,908	602	.....
Wire. ²	1919	1,923	.....	53	.....	66	784	1,020	.....	.....
Woolen and worsted goods.....	1919	14,490	.....	.....	13,464	.....	28	906	.....	92
	1914	14,280	.....	.....	.....	.....	13	14,262	5	.....
All other industries.....	1919	110,018	11,565	3,527	30,236	35,480	8,044	11,637	5,542	3,987
	1914	109,265	(²)	(²)	9,782	20,709	20,271	41,850	10,919	5,725
Total for cities. ⁴	1919	402,485	107,689	16,556	130,604	82,692	18,039	39,789	4,737	2,379
	1914	283,219	(²)	(²)	24,382	48,825	48,042	137,363	18,269	6,358
ASBURY PARK.....	1919	393	51	4	92	142	97	2	5	.....
	1914	312	(²)	(²)	46	109	89	5	52	11
ATLANTIC CITY.....	1919	958	19	8	425	108	78	79	28	213
	1914	918	(²)	(²)	213	66	303	1	220	115
BAYONNE.....	1919	14,904	837	599	11,696	1,412	259	187	.....	4
	1914	10,150	(²)	(²)	43	301	6,817	1,464	174	1,351
BELLEVILLE.....	1919	1,856	292	2	214	1,011	86	251	.....	.....
BLOOMFIELD.....	1919	5,150	334	12	3,697	867	118	79	.....	43
	1914	3,177	(²)	(²)	124	91	1,661	1,243	8	50

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ Not shown separately in 1914.⁴ Excludes West Orange in 1914 to avoid disclosure of individual operations.

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
BRIDGETON.....	1919	2,329	628	167	106	298	337	568	170	55
	1914	2,479	(²)	(²)	964	213	261	674	339	28
CAMDEN.....	1919	49,906	17,813	104	14,212	3,712	562	3,312	904	287
	1914	22,541	(²)	(²)	4,407	1,058	7,103	7,432	1,134	1,407
CLIFTON.....	1919	3,253	614	100	1,521	826	139	23	30	.....
EAST ORANGE.....	1919	2,683	88	378	684	426	147	957	1	2
	1914	1,949	(²)	(²)	117	117	982	683	49	1
ELIZABETH.....	1919	18,386	854	114	6,013	9,858	984	413	90	60
	1914	12,870	(²)	(²)	686	8,874	1,028	1,792	430	60
ENGLEWOOD.....	1919	256	38	.....	20	44	114	33	2	5
	1914	91	(²)	(²)	16	4	28	24	15	4
GARFIELD.....	1919	5,025	742	.....	3,595	205	451	31	1	.....
	1914	5,869	(²)	(²)	22	2	37	5,204	604	.....
GLOUCESTER.....	1919	6,225	4,251	.....	1,759	3	125	17	.....	70
	1914	1,945	(²)	(²)	1,381	2	21	320	216	5
HACKENSACK.....	1919	698	50	295	76	271	2	.....	4	.....
	1914	766	(²)	(²)	112	27	18	553	52	4
HARRISON.....	1919	13,026	102	2,044	4,135	3,170	3,071	504	.....	.....
	1914	7,404	(²)	(²)	563	2,146	1,841	2,050	800	4
HOBOKEN.....	1919	15,933	1,536	416	9,540	4,175	140	90	22	5
	1914	9,290	(²)	(²)	1,344	2,065	902	4,398	469	112
IRVINGTON.....	1919	1,956	131	24	620	387	173	578	43	.....
	1914	921	(²)	(²)	48	145	227	481	20	.....
JERSEY CITY.....	1919	36,981	3,871	1,336	15,260	9,599	461	4,807	1,443	204
	1914	31,021	(²)	(²)	1,709	4,888	6,301	13,686	3,414	1,023
KEARNY.....	1919	14,860	7,133	42	5,813	1,700	42	99	31	.....
	1914	5,094	(²)	(²)	25	1,674	115	2,837	442	1
LONG BRANCH.....	1919	841	257	49	347	33	108	40	1	6
	1914	410	(²)	(²)	83	211	23	6	27	60
MILLVILLE.....	1919	3,857	222	121	1,269	1,779	409	57	.....	.....
	1914	3,198	(²)	(²)	8	2,004	8	1,104	64	10
MONTCLAIR.....	1919	281	32	4	32	46	2	.....	3	162
	1914	382	(²)	(²)	68	43	27	51	18	175
MORRISTOWN.....	1919	248	53	51	84	2	52	.....	1	5
	1914	218	(²)	(²)	58	53	20	11	61	6
NEW BRUNSWICK.....	1919	7,673	1,509	95	925	3,383	672	878	104	107
	1914	6,448	(²)	(²)	304	367	1,323	4,303	147	4
NEWARK.....	1919	86,707	25,306	5,592	21,269	19,453	4,900	9,152	733	293
	1914	63,084	(²)	(²)	6,890	11,611	11,361	28,048	4,110	1,064
ORANGE.....	1919	2,712	843	496	631	574	63	99	5	1
	1914	2,126	(²)	(²)	230	1,552	30	270	24	11
PASSAIC.....	1919	18,203	350	261	15,749	1,086	73	546	63	75
	1914	17,142	(²)	(²)	379	763	66	14,275	1,054	5
PATERSON.....	1919	37,217	28,125	998	2,290	5,024	95	37	87	552
	1914	30,925	(²)	(²)	1,194	619	456	27,751	718	187
PERTH AMBOY.....	1919	9,197	1,130	89	1,831	1,716	892	3,183	314	42
	1914	9,202	(²)	(²)	168	187	2,091	5,752	822	182
PHILLIPSBURG.....	1919	5,408	2,365	57	271	1,850	18	422	420	.....
	1914	4,359	(²)	(²)	32	414	28	3,154	713	18
PLAINFIELD.....	1919	3,421	369	1,927	1,001	44	67	3	.....	10
	1914	1,832	(²)	(²)	77	414	640	637	50	5
RAHWAY.....	1919	1,687	13	524	490	432	13	166	.....	59
TRENTON.....	1919	24,547	2,070	499	1,909	6,130	2,899	10,732	211	97
	1914	19,828	(²)	(²)	2,540	7,740	3,025	5,418	780	325
UNION.....	1919	1,506	794	74	229	330	55	24	.....	.....
	1914	1,479	(²)	(²)	277	435	32	378	244	113
WEST HOBOKEN.....	1919	3,565	1,984	47	348	986	54	137	9	.....
	1914	3,454	(²)	(²)	174	232	677	2,289	74	8
WEST NEW YORK.....	1919	3,208	991	22	379	1,546	243	26	.....	1
	1914	2,335	(²)	(²)	60	398	483	1,000	325	9
ALL OTHER CITIES ³	1919	6,334	1,892	5	2,063	64	20	2,257	12	21

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
	Establishments.	Wage earners (average number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries.....	11,057	508,086	1,239	4,829	11,016	2,276	25,927	1,200	39,535	642	46,709	495	77,538	213	74,270	93	62,366	70	171,325	
Automobile bodies and parts.....	110	3,160	7	59	123	25	254	12	427	3	281	2	342	1	440			1	1,293	
Automobiles.....	6	2,359		1	5			1	23	1	73			1	379	1	858	1	1,021	
Boots and shoes, not including rubber boots and shoes.....	34	2,835	3	1	1	5	48	9	319	7	550	6	981	3	936					
Boxes, paper and other, not elsewhere specified.....	51	2,659		5	15	12	159	21	712	7	495	4	668	2	610					
Brass, bronze, and copper products.....	67	2,185	3	24	61	18	189	10	208	5	406	7	1,231							
Bread and other bakery products.....	1,263	5,911	163	938	2,078	128	1,161	17	622	10	651	5	654	1	316	1	529			
Brick and tile, terra-cotta, and fire-clay products.....	67	3,544	1	8	16	13	198	26	870	7	583	11	1,526	1	351					
Buttons.....	70	2,570	2	19	41	21	333	13	381	9	704	5	756	1	355					
Canning and preserving, fruits and vegetables.....	53	2,685	1	10	35	28	348	8	295	2	125	3	438					1	1,444	
Cars and general shop construction and repairs by steam-railroad companies.....	36	10,321		1	2			3	101	11	802	10	1,550	5	1,678	2	1,316	4	4,812	
Chemicals.....	78	12,472		13	35	16	213	18	565	9	698	15	2,466	3	888	1	618	3	6,989	
Clothing, men's.....	164	4,801	1	35	99	50	602	51	1,783	17	1,160	2	244	2	823					
Clothing, women's.....	255	5,696	8	58	157	105	1,364	56	1,789	22	1,526	6	880							
Coal-tar products.....	48	6,495		9	45	17	197	6	183	8	604	5	839	1	370	1	702	1	3,355	
Confectionery and ice cream.....	245	2,955	35	154	318	34	340	10	296	9	632	1	249	1	355	1	765			
Cordage and twine.....	6	2,334										1	144	4	1,380	1	810			
Corsets.....	21	2,152		4	10	4	54	5	176	1	58	3	392	4	1,462					
Cotton goods.....	33	9,261		4	12	4	51	8	288	2	136	6	1,057	5	759			4	5,958	
Cutlery and edge tools.....	28	1,951		7	14	4	56	9	301	3	258	2	260	3	1,062					
Dyeing and finishing textiles, exclusive of that done in textile mills.....	132	14,492	1	22	61	29	367	36	1,177	14	904	16	2,304	6	2,058	5	3,206	3	4,355	
Electrical machinery, apparatus, and supplies.....	105	26,135		16	41	24	335	20	745	6	434	14	2,433	11	3,936	6	4,037	8	14,174	
Engines, steam, gas, and water.....	15	2,392	1	2	5	2	28	3	104	2	169	2	238	1	278	2	1,570			
Foundry and machine-shop products.....	446	25,033	31	144	372	116	1,320	62	2,067	39	2,079	38	6,374	10	3,508	3	1,911	3	6,802	
Furnishing goods, men's.....	29	2,641	2	2	6	3	40	10	354	7	557	2	365	2	855	1	604			
Furniture.....	78	2,136	6	37	74	15	160	9	311	5	352	4	575	2	664					
Gas, illuminating and heating.....	38	2,083	1	12	26	11	124	5	169	3	211	3	385	3	1,168					
Glass.....	21	5,942			2	25		3	116	2	142	4	602	7	2,493	2	1,107	1	1,467	
Hats, fur-felt.....	31	3,303	1	9	21			6	210	6	388	4	724	4	1,402	1	558			
Iron and steel, steel works and rolling mills.....	16	13,811						1	30	4	310	1	182	3	943	4	2,200	3	10,140	
Iron and steel, cast-iron pipe.....	8	2,035								2	145	3	559	2	770					
Jewelry.....	174	3,234	11	50	146	68	738	29	906	11	712	5	732	7	2,061	1	693			
Knit goods.....	90	4,853	4	25	59	28	333	13	427	9	730	3	550							
Leather, tanned, curried, and finished.....	73	5,499	1	8	26	15	164	22	753	12	854	10	1,534	3	972	2	1,196			
Lumber, planing-mill products, not including planing mills connected with sawmills.....	168	1,950	10	83	215	62	567	15	447	7	522	1	199							
Millinery and lace goods, not elsewhere specified.....	510	6,254	31	237	522	180	1,920	44	1,513	12	940	5	842			1	517			
Oilcloth and linoleum, floor.....	10	2,136						2	78	1	74	5	747	1	324	1	913			
Paper and wood pulp.....	33	3,108		1	5	2	32	12	403	8	515	8	1,135	1	351	1	667			
Pencils, lead.....	5	2,842						1	22	2	140							2	2,680	
Petroleum, refining.....	9	10,178								3	204						2	1,234	4	8,680
Photographs and graphophones.....	15	12,206	1	2	8	2	18	3	102	1	72	2	900			1	613	3	11,153	
Pottery.....	53	5,717		3	4	9	106	4	116	17	1,177	16	2,670	3	1,093	1	551			
Printing and publishing, book and job.....	421	2,339	133	215	447	58	563	8	202	3	255	3	594	1	278					
Printing and publishing, newspapers and periodicals.....	295	2,352	73	152	400	45	495	15	483	8	596	2	378					1	2,080	
Pumps, steam and other power.....	6	2,408				3	41			1	53	1	225							
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	65	12,353		4	10	13	178	12	416	10	707	14	2,414	6	2,136	3	2,668	3	3,824	
Shipbuilding, steel.....	13	50,251	1									2	250	2	673	1	727	7	48,001	
Shipbuilding, wooden, including boat building.....	80	2,146	15	37	77	10	106	5	189	5	323	6	934	2	517					
Shirts.....	46	2,884		7	23	10	132	13	438	10	708	4	550	1	283	1	750			
Silk goods, including throwsters.....	680	32,326	9	109	304	227	2,857	171	5,697	89	6,696	65	9,385	14	5,583	1	794	1	1,040	
Slaughtering and meat packing.....	46	3,566	1	15	36	18	206	3	126	2	57	2	325	3	979	1	615	1	1,122	
Smelting and refining, copper.....	4	4,066														2	1,499	2	2,507	
Soap.....	16	2,889		6	22	2	24	2	77	3	202	1	118	1	306			1	2,140	
Stamped ware, not elsewhere specified.....	29	2,446		6	22	7	77	9	311	1	65	2	221	2	709	2	1,041			
Structural ironwork, not made in steel works or rolling mills.....	73	2,115	4	38	94	12	143	10	361	3	216	3	355	3	946					
Tinware, not elsewhere specified.....	9	1,990		1	2			1	28			4	058		770	1	532			
Tobacco, cigars and cigarettes.....	308	8,443	146	102	170	23	242	7	203	5	433	16	2,708	3	900	6	3,787			
Wire.....	7	1,923		1	1					2	117	1	114	1	298	2	1,393			
Worsted goods.....	20	13,219						2	50	3	242	2	281	6	2,186	4	2,947	3	7,533	
All other industries.....	4,239	116,384	532	2,133	4,750	800	8,929	359	11,595	191	13,810	127	19,901	62	21,686	26	17,817	9	17,896	

MANUFACTURES—NEW JERSEY.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919—Continued.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
	Establishments.	Wage earners (average number).	No wage earn- ers.		1 to 5 wage earn- ers, inclusive.		6 to 20 wage earn- ers, inclusive.		21 to 50 wage earn- ers, inclusive.		51 to 100 wage earn- ers, inclusive.		101 to 250 wage earn- ers, inclusive.		251 to 500 wage earn- ers, inclusive.		501 to 1,000 wage earn- ers, inclusive.		Over 1,000 wage earn- ers.	
			Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.	Establish- ments.	Wage earn- ers.
Total for cities.....	7,984	402,485	811	3,339	7,907	1,734	19,058	945	30,957	515	37,304	362	50,949	148	51,697	74	40,429	56	148,524	
ASBURY PARK.....	60	393	12	34	72	10	100	3	130	1	91	—	—	—	—	—	—	—	—	
ATLANTIC CITY.....	154	958	15	102	221	28	312	6	201	3	224	—	—	—	—	—	—	—	—	
BAYONNE.....	152	14,904	6	63	160	29	344	18	615	9	609	10	1,673	6	2,439	3	1,990	3	7,164	
BELLEVEILLE.....	48	1,856	4	22	56	5	47	5	187	6	445	4	581	2	640	—	—	—	—	
BLOOMFIELD.....	59	5,150	6	18	33	12	158	10	301	3	228	7	1,243	—	—	2	1,588	1	1,599	
BRIDGETON.....	87	2,329	3	37	88	17	179	17	521	8	523	4	498	—	—	1	520	—	—	
CAMDEN.....	336	40,906	44	120	328	68	725	38	1,288	22	1,556	24	3,656	11	3,880	6	3,314	3	26,150	
CLIFTON.....	49	3,253	3	17	26	12	118	4	123	4	325	4	663	5	1,908	—	—	—	—	
EAST ORANGE.....	76	2,683	12	46	105	8	104	1	23	3	204	2	281	2	697	2	1,269	—	—	
ELIZABETH.....	226	18,386	33	96	205	37	427	26	852	18	1,344	8	1,226	3	962	2	1,304	3	12,066	
ENGLEWOOD.....	29	256	5	18	42	3	47	2	58	—	—	1	109	—	—	—	—	—	—	
GARFIELD.....	56	5,025	7	23	48	10	114	6	192	3	221	2	340	1	377	3	2,318	1	1,466	
GLOUCESTER.....	21	6,225	3	8	15	2	17	2	61	1	70	3	560	—	—	—	—	2	5,496	
HACKENSACK.....	45	698	8	19	56	16	190	—	—	—	—	1	163	1	280	—	—	—	—	
HARRISON.....	63	13,026	6	23	51	11	143	6	242	6	481	5	770	—	—	2	1,051	4	10,288	
HOBOKEN.....	280	15,933	34	113	270	60	705	29	936	23	1,751	8	1,101	8	2,662	2	1,027	3	6,881	
IRVINGTON.....	89	1,956	6	42	103	18	197	8	261	10	690	5	705	—	—	—	—	—	—	
JERSEY CITY.....	896	36,981	65	424	1,060	100	2,080	99	3,138	43	3,098	37	5,955	22	7,325	9	5,520	7	8,816	
KEARNY.....	40	14,860	4	15	39	15	174	5	155	2	165	2	300	1	409	2	1,528	3	12,090	
LONG BRANCH.....	65	841	8	35	70	12	120	5	134	3	207	2	310	—	—	—	—	—	—	
MILLVILLE.....	44	3,857	3	23	45	8	80	2	66	2	112	2	326	2	647	—	—	2	2,581	
MONTCLAIR.....	34	281	8	10	44	6	75	—	—	—	—	1	162	—	—	—	—	—	—	
MORRISTOWN.....	56	248	11	32	76	11	99	2	73	—	—	—	—	—	—	—	—	—	—	
NEW BRUNSWICK.....	138	7,673	18	64	128	19	202	11	372	10	788	8	1,170	4	1,357	3	1,943	1	1,718	
NEWARK.....	2,165	86,707	213	838	2,042	502	5,620	207	9,726	156	11,085	97	15,228	31	10,932	15	9,550	6	22,524	
ORANGE.....	81	2,712	12	41	84	8	78	9	262	3	230	5	940	3	1,118	—	—	—	—	
PASSAIC.....	234	18,203	31	111	230	28	341	25	817	17	1,144	5	965	8	2,711	4	2,490	5	9,496	
PATERSON.....	1,044	37,217	70	315	786	288	3,497	203	6,832	88	6,467	56	8,109	17	5,922	6	4,463	1	1,051	
PERTH AMBOY.....	124	9,197	12	60	130	12	137	11	353	13	926	8	1,416	3	1,160	2	1,202	3	3,784	
PHILLIPSBURG.....	53	5,403	8	19	44	5	57	3	114	6	439	9	1,366	1	416	—	—	2	2,067	
PLAINFIELD.....	94	3,421	17	47	110	14	195	6	199	4	333	3	430	1	296	1	837	1	1,021	
RAHWAY.....	36	1,697	3	14	38	8	91	2	67	5	331	2	390	2	780	—	—	—	—	
TRENTON.....	389	24,547	46	170	366	67	782	34	1,066	24	1,842	27	4,792	12	4,010	7	5,187	2	6,496	
UNION.....	116	1,506	18	54	125	27	282	13	404	2	143	1	106	1	446	—	—	—	—	
WEST HOBOKEN.....	307	3,565	39	154	305	93	1,012	12	377	4	252	3	416	1	319	1	794	—	—	
WEST NEW YORK.....	192	3,208	12	74	200	68	732	22	714	12	922	4	640	—	—	—	—	—	—	
ALL OTHER CITIES ¹	47	6,334	6	24	58	7	88	3	97	1	63	2	254	—	—	1	844	3	4,930	

¹ All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes.....	11,057	9,742	8,817	508,686	373,605	326,223	\$3,672,064,987	\$1,406,633,414	\$1,145,529,076	\$1,401,591,708	\$523,168,820	\$425,495,677
Less than \$5,000.....	2,007	2,775	2,288	1,352	3,560	3,091	5,244,581	7,168,727	5,815,878	3,410,547	4,705,929	3,771,287
\$5,000 to \$20,000.....	3,367	3,280	3,081	10,997	17,316	16,218	37,193,970	34,292,209	32,476,593	21,242,311	19,447,024	18,157,917
\$20,000 to \$100,000.....	2,996	2,153	2,053	35,449	44,300	43,646	135,068,707	96,112,033	90,682,537	70,823,249	49,250,473	46,875,049
\$100,000 to \$500,000.....	1,622	1,048	1,201	74,298	145,638	137,123	368,845,380	240,737,309	366,705,326	181,260,360	195,287,457	168,792,863
\$500,000 to \$1,000,000.....	470	254	194	60,449	162,791	129,142	330,320,324	175,515,757	852,807,319	153,000,185	254,468,937	187,898,561
\$1,000,000 and over.....	595	232	—	326,141	—	—	2,795,392,025	—	—	640,848,742	—	—
PER CENT DISTRIBUTION.												
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	18.2	28.5	25.9	0.3	1.0	0.9	0.1	0.5	0.5	0.2	0.9	0.9
\$5,000 to \$20,000.....	30.5	33.7	34.9	2.2	4.6	5.0	1.0	2.4	2.8	1.5	3.7	4.3
\$20,000 to \$100,000.....	27.1	22.1	23.3	7.0	11.9	12.4	3.7	6.8	7.9	5.1	9.4	11.0
\$100,000 to \$500,000.....	14.7	10.8	13.6	14.6	39.0	42.0	10.0	17.1	32.0	12.9	37.3	39.7
\$500,000 to \$1,000,000.....	4.2	2.6	—	11.9	—	—	9.0	12.5	—	11.0	—	—
\$1,000,000 and over.....	5.4	2.4	2.2	64.1	43.6	38.7	76.1	60.6	56.7	69.3	48.6	44.2

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
AUTOMOBILE BODIES AND PARTS.....	110	45	100.0	100.0	3,160	1,989	100.0	100.0	\$15,110,688	\$5,355,290	100.0	100.0	\$3,708,080	\$3,475,541	100.0	100.0
Less than \$5,000.....	22	14	20.0	31.1	16	15	0.5	0.8	66,562	39,566	0.4	0.7	43,186	28,630	0.5	0.8
\$5,000 to \$20,000.....	43	10	39.1	22.2	128	73	4.1	3.7	438,013	131,672	2.9	2.5	273,558	88,820	3.1	2.6
\$20,000 to \$100,000.....	30	10	27.3	22.2	350	205	11.1	10.3	1,309,869	480,844	8.7	9.0	828,252	281,075	9.5	8.1
\$100,000 to \$500,000.....	10	7	9.1	15.6	493	1,696	15.6	85.3	1,962,823	1,444,634	13.0	27.0	952,646	1,307,616	10.9	88.6
\$500,000 and over.....	5	4	4.5	8.9	2,173	.....	68.8	.....	11,333,421	3,258,574	75.0	60.8	6,610,438	.....	75.9	.....
BOOTS AND SHOES, NOT INCLUDING RUBBER BOOTS AND SHOES.....	34	42	100.0	100.0	2,835	3,834	100.0	100.0	12,864,068	8,238,710	100.0	100.0	5,053,077	3,471,583	100.0	100.0
Less than \$5,000.....	2	5	5.9	11.9	9	39	0.3	1.0	220,622	11,276	0.2	0.1	15,926	6,400	0.3	0.2
\$5,000 to \$20,000.....	6	11	17.6	26.2	87	423	3.1	11.0	287,961	692,354	2.2	8.4	123,907	292,515	2.6	8.4
\$20,000 to \$100,000.....	17	17	50.0	40.5	1,279	1,363	45.1	57.7	4,830,357	3,907,265	37.5	47.4	1,948,841	1,343,661	38.6	90.5
\$100,000 to \$500,000.....	6	4	17.6	9.5	1,460	.....	51.5	.....	7,725,128	3,569,470	60.1	43.3	2,950,403	.....	58.6	.....
\$500,000 and over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BRASS, BRONZE, AND COPPER PRODUCTS.....	67	61	100.0	100.0	2,185	1,236	100.0	100.0	14,412,106	4,686,427	100.0	100.0	5,943,113	1,511,562	100.0	100.0
Less than \$5,000.....	6	16	9.0	26.2	2	14	0.1	1.1	11,117	35,019	0.1	0.7	6,479	21,149	0.1	1.4
\$5,000 to \$20,000.....	16	18	23.9	29.5	48	68	2.2	5.5	212,819	226,371	1.5	4.8	114,217	103,550	1.9	6.9
\$20,000 to \$100,000.....	23	16	34.3	26.2	210	306	9.6	24.8	1,101,503	766,990	7.6	16.4	469,246	371,598	7.9	24.6
\$100,000 to \$500,000.....	13	8	19.4	13.1	525	848	24.0	68.6	3,410,128	1,585,510	23.7	33.8	1,408,625	1,015,265	23.7	67.2
\$500,000 to \$1,000,000.....	4	3	6.0	4.9	523	.....	23.9	.....	2,695,860	2,072,537	18.7	44.2	1,370,054	.....	23.1	.....
\$1,000,000 and over.....	5	.....	7.5	.....	877	.....	40.1	.....	6,980,679	.....	48.4	.....	2,574,492	.....	43.3	.....
BREAD AND OTHER BAKERY PRODUCTS.....	1,263	1,278	100.0	100.0	5,911	5,712	100.0	100.0	55,763,446	22,310,018	100.0	100.0	18,851,358	9,352,016	100.0	100.0
Less than \$5,000.....	82	238	6.5	18.6	26	173	0.4	3.0	256,959	736,629	0.5	3.3	96,037	313,118	0.5	3.3
\$5,000 to \$20,000.....	573	785	45.4	61.4	709	2,105	12.0	38.4	7,050,925	8,387,360	12.6	37.6	2,533,593	3,458,657	13.4	37.0
\$20,000 to \$100,000.....	558	233	44.2	18.2	2,298	2,148	38.9	37.6	20,477,749	7,973,190	36.7	35.7	7,061,726	3,207,704	37.5	34.3
\$100,000 to \$500,000.....	33	22	2.6	1.7	759	1,196	12.8	20.9	6,092,225	5,212,839	10.9	23.4	2,036,880	2,372,537	10.8	25.4
\$500,000 to \$1,000,000.....	10	.....	0.8	.....	679	.....	11.6	.....	8,432,981	.....	12.3	.....	2,393,821	.....	12.7	.....
\$1,000,000 and over.....	7	.....	0.6	.....	1,440	.....	24.4	.....	15,042,607	.....	27.0	.....	4,729,301	.....	25.1	.....
CANNING AND PRESERVING, FRUITS AND VEGETABLES.....	53	52	100.0	100.0	2,685	2,686	100.0	100.0	24,618,704	11,366,906	100.0	100.0	9,803,231	4,813,725	100.0	100.0
Less than \$5,000.....	3	5	5.7	9.6	4	12	0.1	0.4	9,591	11,356	(*)	0.1	1,099	5,983	(*)	0.1
\$5,000 to \$20,000.....	19	17	35.8	32.7	106	176	7.3	6.6	178,317	220,474	0.7	1.9	41,454	82,724	0.4	1.7
\$20,000 to \$100,000.....	20	22	37.7	42.3	319	604	11.9	22.5	983,282	1,088,603	4.0	9.6	302,716	370,337	3.1	7.7
\$100,000 to \$500,000.....	8	8	15.1	15.4	433	1,894	16.1	70.5	1,692,807	10,046,473	6.9	88.4	587,890	4,354,631	6.0	90.5
\$500,000 and over.....	3	.....	5.7	.....	1,733	.....	64.5	.....	21,748,017	.....	88.3	.....	8,870,072	.....	90.5	.....
CHEMICALS.....	78	64	100.0	100.0	12,472	6,276	100.0	100.0	84,033,941	31,686,865	100.0	100.0	38,860,347	14,632,579	100.0	100.0
Less than \$5,000.....	8	3	10.3	4.7	25	34	0.2	0.5	85,653	11,506	0.1	0.2	21,357	7,392	0.1	0.2
\$5,000 to \$20,000.....	12	17	15.4	26.0	97	137	0.8	2.2	541,089	849,822	0.6	2.7	224,250	31,299	0.6	2.5
\$20,000 to \$100,000.....	26	20	33.3	31.3	710	1,081	5.7	31.6	5,870,310	5,377,397	7.0	17.0	2,760,828	4,441,641	7.1	30.4
\$100,000 to \$500,000.....	12	10	15.4	15.6	1,255	.....	10.1	.....	8,570,400	7,145,453	10.2	22.6	3,324,915	.....	8.6	.....
\$500,000 and over.....	20	8	25.6	12.5	10,385	4,116	83.3	65.6	68,966,480	18,223,890	82.1	57.5	32,522,967	9,783,198	83.7	66.9
CLOTHING, MEN'S.....	164	118	100.0	100.0	4,801	4,715	100.0	100.0	15,940,559	5,953,706	100.0	100.0	9,587,469	3,271,491	100.0	100.0
Less than \$5,000.....	14	27	8.5	22.9	35	154	0.7	3.3	40,086	88,069	0.3	1.5	41,281	79,435	0.4	2.4
\$5,000 to \$20,000.....	41	38	25.0	32.2	424	513	8.8	10.9	465,408	406,063	2.9	6.8	425,852	344,224	4.4	10.5
\$20,000 to \$100,000.....	78	40	47.6	33.9	2,055	1,798	42.8	38.1	3,766,777	1,519,445	23.6	25.5	3,186,266	1,233,025	33.2	37.7
\$100,000 to \$500,000.....	26	13	15.9	11.0	1,158	2,250	24.1	47.7	4,798,945	3,940,129	30.1	66.2	2,771,964	1,614,807	28.9	49.4
\$500,000 and over.....	5	.....	3.0	.....	1,129	.....	23.5	.....	6,872,393	.....	43.1	.....	3,162,106	.....	33.0	.....
CLOTHING, WOMEN'S.....	255	183	100.0	100.0	5,696	5,423	100.0	100.0	17,900,421	6,768,076	100.0	100.0	8,584,128	3,816,118	100.0	100.0
Less than \$5,000.....	31	36	12.2	19.7	65	192	1.1	3.5	90,535	106,524	0.5	1.6	72,717	84,558	0.8	2.2
\$5,000 to \$20,000.....	84	80	32.9	43.7	965	1,334	16.9	24.6	987,557	871,066	5.5	12.9	817,017	705,885	9.5	18.5
\$20,000 to \$100,000.....	98	51	38.4	27.0	2,399	1,696	42.1	31.3	3,951,636	2,019,087	22.1	29.8	2,534,060	1,203,281	29.5	31.5
\$100,000 to \$500,000.....	37	16	14.5	8.7	1,602	2,201	28.1	40.6	7,968,619	3,771,399	44.5	55.7	3,232,960	1,822,394	37.7	47.8
\$500,000 and over.....	5	.....	2.0	.....	665	.....	11.7	.....	4,902,074	.....	27.4	.....	1,927,374	.....	22.5	.....
CONFECTIONERY AND ICE CREAM.....	245	141	100.0	100.0	2,955	1,810	100.0	100.0	16,898,953	6,079,244	100.0	100.0	6,722,024	2,159,129	100.0	100.0
Less than \$5,000.....	40	43	16.3	30.5	10	39	0.5	2.2	114,452	117,889	0.7	1.9	50,536	64,719	0.8	3.0
\$5,000 to \$20,000.....	96	51	39.2	36.2	163	177	5.5	9.8	1,004,579	560,615	6.3	9.2	382,549	238,023	5.7	11.0
\$20,000 to \$100,000.....	82	32	33.5	22.7	466	339	15.8	18.7	3,318,948	1,305,132	19.6	21.5	1,293,083	543,986	19.2	25.2
\$100,000 to \$500,000.....	19	15	7.8	10.6	571	1,255	19.3	69.3	3,840,991	4,095,608	22.7	67.4	1,232,224	1,312,401	18.3	60.8
\$500,000 to \$1,000,000.....	5	.....	2.0	.....	504	.....	38.8	.....	3,256,877	.....	19.3	.....	1,306,304	.....	19.4	.....
\$1,000,000 and over.....	3	.....	1.2	.....	1,175	.....	19.1	.....	5,303,106	.....	31.4	.....	2,457,328	.....	36.6	.....
COTTON GOODS.....	33	21	100.0	100.0	9,261	7,144										

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.	105	76	100.0	100.0	26,135	14,405	100.0	100.0	\$120,341,356	\$40,740,810	100.0	100.0	\$61,358,734	\$20,191,534	100.0	100.0
Less than \$5,000	17	10	16.2	13.1	154	12	0.2	0.1	175,892	28,543	0.1	0.1	17,569	67,131	0.2	0.3
\$5,000 to \$20,000	31	18	29.5	10.5	649	46	2.5	0.3	1,852,643	92,912	1.5	1.6	1,090,180	17,569	1.8	1.6
\$20,000 to \$100,000	19	20	18.1	26.3	1,119	289	4.3	2.0	4,950,604	634,685	3.7	12.1	2,387,801	329,743	3.9	31.8
\$100,000 to \$500,000	5	10	4.8	13.2	1,157	4,767	4.4	33.1	3,601,527	4,921,211	3.0	19.2	2,443,473	6,419,029	4.0	31.8
\$500,000 to \$1,000,000	33	10	31.4	13.2	23,156	9,291	88.6	64.5	110,214,690	7,809,716	91.6	66.9	55,327,335	13,358,062	90.2	66.2
\$1,000,000 and over																
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED.	100	63	100.0	100.0	1,359	812	100.0	100.0	33,612,181	9,478,997	100.0	100.0	4,149,445	2,144,284	100.0	100.0
Less than \$5,000	15	28	15.0	44.4	3	18	0.2	2.0	50,420	87,104	0.2	0.9	19,621	37,263	0.5	1.7
\$5,000 to \$20,000	41	16	41.0	25.4	26	67	1.9	8.3	434,616	174,139	1.3	1.8	138,838	72,203	3.3	3.4
\$20,000 to \$100,000	21	9	21.0	14.3	189	80	13.9	9.9	1,029,485	396,969	3.1	4.2	384,086	115,540	9.3	5.4
\$100,000 to \$500,000	14	7	14.0	11.1	257	649	18.9	79.9	3,323,221	1,867,128	9.9	19.7	1,128,929	1,919,278	27.2	89.5
\$500,000 to \$1,000,000	6	4	6.0	4.8	276	203	20.3	73.4	4,079,222	6,953,657	12.1	73.4	1,086,356	26,202	26.2	89.5
\$1,000,000 and over	3	3	3.0	4.8	608	44.7	44.7	73.5	24,695,217		73.5		1,391,615	33.5	33.5	
FOUNDRY AND MACHINE-SHOP PRODUCTS.	529	472	100.0	100.0	28,410	18,099	100.0	100.0	140,450,937	41,809,838	100.0	100.0	70,762,348	25,618,564	100.0	100.0
Less than \$5,000	83	136	15.7	28.8	59	167	0.2	0.9	238,108	354,947	0.2	0.8	172,667	260,580	0.2	1.0
\$5,000 to \$20,000	122	130	23.1	27.5	451	823	1.6	4.5	1,414,153	1,381,365	1.0	3.3	990,962	945,270	1.3	3.7
\$20,000 to \$100,000	159	121	30.1	25.6	2,074	2,775	7.3	15.3	7,127,547	5,479,172	5.1	13.1	4,366,000	3,339,100	5.7	13.0
\$100,000 to \$500,000	112	72	21.1	15.2	6,586	10,171	23.2	56.2	27,253,488	16,659,675	19.4	39.8	16,866,052	13,276,422	22.0	51.8
\$500,000 to \$1,000,000	35	8	6.6	1.7	6,477	22.8	22.8	23.0	25,213,811	5,490,059	18.0	13.1	14,668,825	7,797,192	19.1	30.4
\$1,000,000 and over	18	5	3.4	1.1	12,763	4,163	44.9	23.0	79,203,830	12,504,620	56.4	29.9	39,729,252		51.8	30.4
GAS, ILLUMINATING AND HEATING.	38	43	100.0	100.0	2,083	2,205	100.0	100.0	20,317,305	14,020,050	100.0	100.0	12,942,608	9,944,588	100.0	100.0
Less than \$5,000	5	5	13.2	11.6	5	7	0.2	0.3	11,811	12,577	0.1	0.1	4,761	4,642	(?)	(?)
\$5,000 to \$20,000	7	11	18.4	25.6	20	34	1.0	1.5	105,306	130,615	0.5	0.9	52,736	73,949	0.4	0.7
\$20,000 to \$100,000	11	17	28.9	39.5	107	270	5.1	12.2	542,885	891,832	2.7	6.4	270,219	541,638	2.1	5.4
\$100,000 to \$500,000	8	4	21.1	9.3	309	1,894	14.8	85.9	1,896,597	782,785	9.3	5.6	1,111,395	51,638	8.6	93.8
\$500,000 and over	7	6	18.4	14.0	1,642	78.8	78.8	87.0	17,770,706	12,202,241	87.5	87.0	11,513,019		89.0	
HATS, FUR-FELT.	31	41	100.0	100.0	3,303	4,401	100.0	100.0	16,625,357	7,969,344	100.0	100.0	8,390,191	4,261,302	100.0	100.0
Less than \$5,000	17	3	22.6	7.3	110	51	0.3	1.2	57,645	8,957	0.3	1.5	29,342	5,595	0.3	1.5
\$5,000 to \$20,000	3	6	9.7	14.6	10	251	0.3	5.7	74,807	115,806	0.4	2.8	38,846	61,983	0.5	2.8
\$20,000 to \$100,000	10	17	32.3	41.5	496	4,095	15.0	93.1	2,222,050	4,254,794	13.4	52.2	1,094,148	119,166	13.0	95.0
\$100,000 to \$500,000	5	4	16.1	12.2	590	17.9	17.9	20.1	3,338,208	2,224,817	20.1	43.4	1,295,268	4,074,558	15.4	
\$500,000 to \$1,000,000	6	19.4			2,197	66.5	66.5	65.8	10,932,647	3,400,470	65.8		5,932,587		70.7	
\$1,000,000 and over																
JEWELRY.	174	175	100.0	100.0	3,234	3,408	100.0	100.0	27,889,565	11,347,455	100.0	100.0	13,232,050	5,822,516	100.0	100.0
Less than \$5,000	12	26	6.9	14.9	7	45	0.2	1.3	36,642	61,370	0.1	0.5	20,826	44,158	0.2	0.8
\$5,000 to \$20,000	29	41	16.7	23.4	86	288	2.7	8.5	327,337	504,512	1.2	4.4	190,176	322,330	1.4	5.5
\$20,000 to \$100,000	67	76	38.5	43.4	584	1,151	18.1	33.8	3,597,086	3,550,040	12.9	31.3	1,731,087	1,807,994	13.1	32.1
\$100,000 to \$500,000	52	32	29.9	18.3	1,272	1,924	39.3	56.5	11,280,867	7,230,927	40.4	63.7	5,605,550	3,588,034	42.4	61.6
\$500,000 to \$1,000,000	10	5	5.7	2.3	813	25.1	25.1	23.5	6,543,478		23.5		3,044,274		23.0	
\$1,000,000 and over	4	2.3			472	14.6	14.6	21.9	6,104,155		21.9		2,630,237		19.9	
KNIT GOODS.	90	62	100.0	100.0	4,853	4,025	100.0	100.0	23,853,075	7,849,556	100.0	100.0	8,503,177	4,514,134	100.0	100.0
Less than \$5,000	14	7	15.6	11.3	22	14	0.5	0.3	84,475	17,600	0.1	0.2	21,061	10,568	0.2	0.2
\$5,000 to \$20,000	20	18	22.2	29.0	101	177	2.1	4.4	250,938	210,246	1.1	2.7	100,429	100,469	1.9	2.4
\$20,000 to \$100,000	23	25	25.0	40.3	281	588	5.8	14.0	1,198,714	1,147,567	5.0	14.6	566,888	528,558	5.9	11.7
\$100,000 to \$500,000	20	9	22.2	14.5	1,220	3,240	25.1	80.6	4,476,652	1,839,267	18.8	23.4	1,825,129	3,808,529	21.5	85.7
\$500,000 to \$1,000,000	5	4	5.6	4.8	688	14.2	14.2	14.7	3,514,568	4,634,876	14.7	50.0	1,710,099		20.2	
\$1,000,000 and over	8	8.9			2,541	52.4	52.4	60.3	14,377,728		60.3		4,273,701		50.3	
LEATHER, TANNED, CURRIED, AND FINISHED.	73	84	100.0	100.0	5,499	5,108	100.0	100.0	78,012,101	31,651,831	100.0	100.0	25,425,580	9,571,200	100.0	100.0
Less than \$5,000	15	9	6.8	10.7	112	22	0.2	0.4	51,812	32,520	0.1	0.1	16,049	7,581	0.1	0.1
\$5,000 to \$20,000	10	25	13.7	29.8	78	434	1.4	8.5	483,816	1,367,391	0.6	4.3	228,398	510,306	0.9	5.3
\$20,000 to \$100,000	21	27	28.8	32.1	532	2,503	9.7	40.0	5,663,042	6,661,009	7.3	21.0	1,702,973	4,407,801	7.1	46.1
\$100,000 to \$500,000	16	12	21.9	14.3	962	17.5	17.5	29.6	10,522,489	9,374,331	13.5	29.6	3,255,252		12.8	
\$500,000 to \$1,000,000	21	8	28.8	9.5	3,915	2,130	71.2	41.7	61,290,942	14,192,872	78.6	44.8	20,124,017	4,029,403	79.1	48.4
MILLINERY AND LACE GOODS, NOT ELSEWHERE SPECIFIED.	510	276	100.0	100.0	6,254	5,573	100.0	100.0	24,506,009	10,485,723	100.0	100.0	12,893,160	6,571,892	100.0	100.0
Less than \$5,000	90	69	18.8	25.0	93	117	1.5	2.1	253,404	174,524	1.0	1.7	200,066	131,119	1.6	2.0
\$5,000 to \$20,000	208	111	40.8	40.2	926	830	14.8	14.9	2,161,660	1,182,127	8.8	11.3	1,557,026	807,720	12.1	12.3
\$20,000 to \$100,000	168	76	32.9	27.5	2,548	1,972	40.7	35.4	7,300,800	3,474,000	29.8	33.1	4,571,901	2,200,198	35.5	33.5
\$1																

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
PAPER AND WOOD PULP.	33	33	100.0	100.0	3,108	2,927	100.0	100.0	\$20,360,692	\$10,931,431	100.0	100.0	\$8,365,337	\$3,750,166	100.0	100.0
\$5,000 to \$20,000.	15	7	45.5	9.1	1,933	30	62.0	1.0	12,344,259	44,374	60.7	0.4	4,722,953	30,816	56.5	0.8
\$20,000 to \$100,000.	17	15	51.5	21.2	831	173	26.2	5.9	4,931,343	434,913	24.2	4.0	2,025,928	197,298	24.2	5.3
\$100,000 to \$500,000.	5	15	15.2	45.5	627	2,724	20.2	20.2	4,288,844	3,489,404	21.1	31.9	1,632,543	3,522,052	19.5	93.9
\$500,000 to \$1,000,000.	6	8	18.2	24.2	1,557	627	50.1	50.1	10,906,246	6,962,680	53.6	63.7	4,633,913	1,632,543	55.4	19.5
\$1,000,000 and over.	53	50	100.0	100.0	5,717	5,225	100.0	100.0	16,225,650	7,867,709	100.0	100.0	12,644,871	5,716,909	100.0	100.0
POTTERY.	44	4	7.5	8.0	12	87	0.2	1.7	15,455	15,455	0.1	0.2	9,005	12,722	0.1	0.2
Less than \$5,000.	12	15	22.6	14.0	274	584	4.8	11.2	418,234	95,445	3.5	9.9	418,234	61,019	3.3	1.1
\$5,000 to \$20,000.	28	21	52.8	42.0	2,702	4,545	47.3	87.0	7,688,825	778,645	47.4	53.3	5,702,122	587,060	45.1	10.3
\$20,000 to \$100,000.	9	3	17.0	6.0	2,729	274	47.7	47.7	7,942,905	4,191,641	49.0	35.4	6,513,610	5,050,108	51.5	88.4
\$100,000 to \$500,000.	28	21	52.8	42.0	2,702	4,545	47.3	87.0	7,688,825	778,645	47.4	53.3	5,702,122	587,060	45.1	10.3
\$500,000 and over.	9	3	17.0	6.0	2,729	274	47.7	47.7	7,942,905	4,191,641	49.0	35.4	6,513,610	5,050,108	51.5	88.4
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS.	295	320	100.0	100.0	2,352	2,470	100.0	100.0	12,399,856	7,413,284	100.0	100.0	8,290,534	5,587,572	100.0	100.0
Less than \$5,000.	89	149	30.2	46.6	56	215	2.4	8.7	234,696	440,788	1.9	5.9	164,711	364,078	2.0	6.5
\$5,000 to \$20,000.	131	119	44.4	37.2	352	507	15.0	20.5	1,358,329	1,116,221	11.0	15.1	974,439	894,256	11.8	16.0
\$20,000 to \$100,000.	52	37	17.6	11.6	573	694	24.4	28.1	2,198,627	1,701,123	17.7	22.9	1,581,332	1,243,516	19.1	22.3
\$100,000 to \$500,000.	17	15	5.8	4.7	716	1,054	30.4	42.7	3,542,225	4,155,152	28.6	56.1	2,360,114	3,085,722	28.5	55.2
\$500,000 and over.	6	3	2.0	0.0	655	655	27.8	27.8	5,065,979	6,065,979	40.9	40.9	3,209,938	5,512,251	38.7	53.6
RUBBER TIRES, TUBES, AND RUBBER GOODS, NOT ELSEWHERE SPECIFIED.	65	53	100.0	100.0	12,353	6,316	100.0	100.0	84,129,058	25,458,216	100.0	100.0	37,792,877	10,285,749	100.0	100.0
\$5,000 to \$20,000.	5	4	7.7	15.1	31	451	0.3	0.8	53,655	94,384	0.1	0.4	41,373	441,626	0.1	0.4
\$20,000 to \$100,000.	10	14	15.4	26.4	146	381	1.2	6.0	612,567	847,654	0.7	3.3	223,306	389,474	0.6	3.8
\$100,000 to \$500,000.	25	17	38.5	32.1	1,184	2,935	9.6	46.4	6,635,978	3,956,652	7.9	15.5	3,380,708	4,342,398	9.0	42.2
\$500,000 to \$1,000,000.	6	8	9.2	15.1	828	1,054	6.7	42.7	4,537,461	5,841,571	5.4	22.9	1,946,454	3,085,722	5.2	55.2
\$1,000,000 and over.	19	6	29.2	11.3	10,104	2,949	82.3	46.7	72,269,397	14,717,955	85.9	57.8	32,195,036	5,512,251	85.2	53.6
SHIRTS.	46	34	100.0	100.0	2,884	3,502	100.0	100.0	12,249,537	5,593,657	100.0	100.0	4,072,451	3,047,360	100.0	100.0
Less than \$5,000.	5	10	10.9	29.4	28	428	1.0	8.0	15,581	114,977	0.1	1.9	13,781	83,869	0.3	3.0
\$5,000 to \$20,000.	17	15	37.0	44.1	815	1,063	28.3	30.4	114,977	410,888	0.9	7.4	83,869	402,592	2.1	14.0
\$20,000 to \$100,000.	9	9	19.6	26.5	625	2,168	21.7	61.6	901,957	557,052	7.4	10.5	680,199	425,533	16.2	33.0
\$100,000 to \$500,000.	5	3	10.9	8.8	1,285	1,285	44.6	44.6	1,989,576	4,897,737	16.2	87.6	826,611	2,529,235	20.3	83.0
\$500,000 and over.	5	3	10.9	8.8	1,285	1,285	44.6	44.6	9,227,446	28,652,141	75.3	75.3	2,487,991	2,487,991	61.1	61.1
SILK GOODS, INCLUDING THROWSTERS.	686	368	100.0	100.0	32,326	28,263	100.0	100.0	215,050,560	75,706,449	100.0	100.0	91,609,312	34,823,584	100.0	100.0
Less than \$5,000.	42	26	6.1	7.1	46	92	0.1	0.3	103,193	73,408	0.1	0.1	89,636	58,541	0.1	0.2
\$5,000 to \$20,000.	118	64	17.2	17.4	760	930	2.4	3.3	1,411,013	811,383	0.7	1.1	1,268,704	528,166	1.4	1.5
\$20,000 to \$100,000.	174	129	25.4	35.1	3,253	3,746	10.1	13.3	8,677,181	6,515,060	4.0	8.6	5,561,768	2,959,181	6.1	8.5
\$100,000 to \$500,000.	219	108	31.9	29.3	8,335	15,980	25.8	56.5	52,174,485	25,341,000	24.3	33.5	21,223,793	20,211,031	23.2	58.0
\$500,000 to \$1,000,000.	77	27	11.2	7.3	7,055	7,055	21.8	21.8	52,944,647	18,577,685	24.6	24.5	23,258,639	2,487,991	25.4	25.4
\$1,000,000 and over.	56	14	8.2	3.8	12,877	7,515	39.8	26.6	99,740,041	24,387,913	46.4	32.2	40,206,772	11,066,665	43.9	31.8
SLAUGHTERING AND MEAT PACKING.	46	56	100.0	100.0	3,566	2,033	100.0	100.0	110,221,328	38,809,339	100.0	100.0	9,817,067	3,499,060	100.0	100.0
Less than \$20,000.	5	10	10.9	17.9	7	27	0.2	1.3	62,095	97,402	0.3	0.3	14,726	30,679	0.1	0.9
\$20,000 to \$100,000.	11	15	23.9	26.8	34	96	1.0	4.7	788,551	670,721	0.7	1.7	137,005	157,045	1.4	4.5
\$100,000 to \$500,000.	9	15	19.6	26.8	261	333	7.3	18.8	2,257,201	4,405,045	2.0	11.4	713,769	1,131,454	7.3	32.3
\$500,000 to \$1,000,000.	7	7	15.2	12.5	78	78	2.2	2.2	4,542,217	4,984,030	4.1	12.8	392,150	2,487,991	4.0	4.0
\$1,000,000 and over.	14	9	30.4	16.1	3,186	1,527	89.3	75.1	102,580,804	28,652,141	93.1	73.8	8,559,417	2,179,882	87.2	62.3
STRUCTURAL IRONWORK, NOT MADE IN STEEL WORKS OR ROLLING MILLS.	73	83	100.0	100.0	2,115	2,603	100.0	100.0	13,633,110	8,095,520	100.0	100.0	5,346,090	3,179,897	100.0	100.0
Less than \$5,000.	8	21	11.0	25.3	6	23	0.3	0.9	28,850	49,519	0.2	0.6	18,666	34,718	0.3	1.1
\$5,000 to \$20,000.	25	28	34.2	33.7	44	118	2.1	4.5	275,833	250,244	2.0	3.1	159,295	159,786	3.0	5.0
\$20,000 to \$100,000.	22	23	30.1	27.7	213	344	10.1	13.2	1,065,512	945,146	7.8	11.7	575,795	455,172	10.8	14.3
\$100,000 to \$500,000.	13	5	17.8	9.6	603	887	31.3	34.1	3,084,550	2,403,108	22.6	29.7	1,625,447	1,147,500	30.4	36.1
\$500,000 to \$1,000,000.	5	3	6.8	3.6	1,189	1,231	56.2	47.3	9,178,365	4,447,503	67.3	54.9	2,966,887	1,382,721	55.5	43.5
\$1,000,000 and over.	3	3	3.6	3.6	1,231	1,231	47.3	47.3	4,447,503	4,447,503	34.9	34.9	1,382,721	1,382,721	43.5	43.5
TOBACCO MANUFACTURES.	318	394	100.0	100.0	10,161	15,830	100.0	100.0	56,718,203	39,695,997	100.0	100.0	30,119,640	22,292,414	100.0	100.0
Less than \$5,000.	196	290	61.6	73.6	45	162	0.4	1.0	390,806	503,508	0.7	1.3	228,569	314,935	0.8	1.4
\$5,000 to \$20,000.	57	57	17.9	14.5	155	316	1.5	2.0	522,035	535,019	0.9	1.3	311,378	344,171	1.0	1.5
\$20,000 to \$100,000.	27	20	8.5	5.1	315	438	3.1	2.8	1,125,062	872,567	2.0	2.2	671,010	514,646	2.2	2.3
\$100,000 to \$500,000.	14	15	4.4	3.8	1,138	3,847	11.2	24.3	3,660,400	3,467,652	6.5	8.7	2,086,082	3,017,093	6.9	13.6
\$500,000 to \$1,000,000.	12	3	3.8	0.8	2,143	2,143	21.1	21.1	7,801,526	2,146,692	13.8	5.4	4,204,396	18,101,569	14.3	81.2
\$1,000,000 and over.	12	9	3.8	2.3	6,365	11,067	62.6	69.9	49,218,865	32,170,559						

MANUFACTURES—NEW JERSEY.

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

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ASBURY PARK...	60	393	100.0	\$1,565,289	100.0	\$879,588	100.0	GLOUCESTER.....	21	6,225	100.0	\$19,994,017	100.0	\$10,811,565	100.0
Less than \$5,000.....	12	2	0.5	25,184	1.6	14,464	1.6	Less than \$5,000.....	3	1	(1)	6,232	(1)	2,255	(1)
\$5,000 to \$20,000.....	26	56	14.2	203,206	13.0	160,690	18.3	\$5,000 to \$20,000.....	6	11	0.2	63,134	0.3	26,248	0.2
\$20,000 to \$100,000.....	18	255	64.9	685,103	43.8	401,226	45.6	\$20,000 to \$100,000.....	5	71	1.1	279,796	1.4	147,775	1.4
\$100,000 and over.....	4	80	20.4	591,796	37.8	303,208	34.5	\$100,000 to \$1,000,000.....	3	455	7.3	1,755,572	8.8	660,365	6.2
								\$1,000,000 and over.....	4	5,687	91.4	17,889,283	89.5	9,968,982	92.2
ATLANTIC CITY...	154	958	100.0	6,358,720	100.0	3,275,762	100.0	HACKENSACK.....	45	698	100.0	3,707,795	100.0	1,589,643	100.0
Less than \$5,000.....	27	22	2.3	90,439	1.4	58,213	1.8	Less than \$5,000.....	8	12	1.7	21,573	0.6	14,523	0.9
\$5,000 to \$20,000.....	72	142	14.8	793,008	12.5	447,313	13.7	\$5,000 to \$20,000.....	17	73	10.5	183,295	4.9	116,737	7.3
\$20,000 to \$100,000.....	42	344	35.9	1,797,624	28.3	1,031,392	31.5	\$20,000 to \$100,000.....	16	141	20.2	702,431	18.9	403,041	25.4
\$100,000 to \$1,000,000.....	13	450	47.0	3,677,649	57.8	1,738,844	53.1	\$100,000 and over.....	4	472	67.6	2,800,496	75.5	1,054,979	66.4
BAYONNE.....	152	14,994	100.0	260,602,109	100.0	63,753,208	100.0	HARRISON.....	63	13,026	100.0	61,766,542	100.0	32,349,752	100.0
Less than \$5,000.....	10	9	0.1	28,338	(1)	17,437	(1)	Less than \$5,000.....	7	4	(1)	21,700	(1)	11,168	(1)
\$5,000 to \$20,000.....	47	95	0.6	468,921	0.2	261,453	0.4	\$5,000 to \$20,000.....	17	34	0.3	167,771	0.3	88,888	0.3
\$20,000 to \$100,000.....	49	809	5.4	2,179,854	0.8	1,205,061	1.9	\$20,000 to \$100,000.....	15	193	1.5	674,159	1.1	346,639	1.1
\$100,000 to \$500,000.....	21	607	4.0	4,643,048	1.8	1,971,544	3.1	\$100,000 to \$500,000.....	11	594	4.6	2,564,133	4.2	1,344,143	4.2
\$500,000 to \$1,000,000.....	7	891	5.9	5,913,959	2.3	2,800,898	4.4	\$500,000 to \$1,000,000.....	5	733	5.6	3,027,657	6.4	2,082,264	6.4
\$1,000,000 and over.....	18	12,403	83.3	247,307,389	94.9	57,490,815	90.2	\$1,000,000 and over.....	8	11,408	88.0	54,411,122	88.1	28,476,650	88.0
BELLEVILLE.....	48	1,856	100.0	11,704,501	100.0	5,895,138	100.0	HOBOKEN.....	280	15,933	100.0	70,311,540	100.0	39,283,642	100.0
Less than \$5,000.....	3	2	0.1	7,850	0.1	6,410	0.1	Less than \$5,000.....	39	18	0.1	99,820	0.1	60,314	0.2
\$5,000 to \$20,000.....	17	40	2.2	169,616	1.4	100,801	1.8	\$5,000 to \$20,000.....	83	243	1.5	987,005	1.4	553,516	1.4
\$20,000 to \$100,000.....	11	61	3.3	371,066	3.2	194,879	3.3	\$20,000 to \$100,000.....	74	770	4.8	3,555,327	5.1	1,638,904	4.2
\$100,000 to \$500,000.....	11	789	42.5	3,151,907	26.8	1,911,069	32.4	\$100,000 to \$500,000.....	51	1,972	12.4	10,714,373	15.2	5,375,828	13.7
\$500,000 and over.....	6	964	51.9	8,064,082	68.5	3,675,988	62.4	\$500,000 to \$1,000,000.....	21	2,389	15.0	14,056,679	20.0	5,815,274	14.8
								\$1,000,000 and over.....	12	10,541	66.2	40,898,336	58.2	25,839,806	65.8
BLOOMFIELD.....	59	5,150	100.0	25,245,436	100.0	12,306,144	100.0	IRVINGTON.....	89	1,956	100.0	12,175,332	100.0	5,407,842	100.0
Less than \$5,000.....	7	2	(1)	13,998	0.1	8,636	0.1	Less than \$5,000.....	15	9	0.5	41,888	0.3	28,545	0.5
\$5,000 to \$20,000.....	13	17	0.3	150,954	0.6	65,461	0.5	\$5,000 to \$20,000.....	21	66	3.4	227,231	1.9	124,678	2.3
\$20,000 to \$100,000.....	13	147	2.9	604,170	2.4	321,549	2.6	\$20,000 to \$100,000.....	33	394	20.1	1,830,222	15.0	862,872	15.8
\$100,000 to \$500,000.....	15	454	8.8	3,246,648	12.9	1,443,574	11.7	\$100,000 to \$500,000.....	15	1,035	53.0	3,617,096	29.7	2,176,244	39.8
\$500,000 to \$1,000,000.....	4	531	10.3	2,958,746	11.7	1,416,621	11.5	\$500,000 and over.....	5	451	23.1	6,458,895	53.0	2,276,603	41.6
\$1,000,000 and over.....	7	3,999	77.7	18,270,914	72.4	9,056,303	73.6								
BRIDGETON.....	87	2,329	100.0	10,958,787	100.0	4,361,592	100.0	JERSEY CITY.....	896	36,981	100.0	374,182,924	100.0	110,761,704	100.0
Less than \$5,000.....	19	23	1.0	58,402	0.5	32,648	0.7	Less than \$5,000.....	134	92	0.2	367,023	0.1	246,530	0.2
\$5,000 to \$20,000.....	23	157	6.7	276,735	2.5	169,442	3.9	\$5,000 to \$20,000.....	266	873	2.4	3,070,761	0.8	1,780,505	1.6
\$20,000 to \$100,000.....	30	681	29.2	1,405,010	12.8	681,746	15.6	\$20,000 to \$100,000.....	260	2,600	7.0	11,974,141	3.2	5,442,033	4.9
\$100,000 to \$500,000.....	6	492	21.1	1,880,661	17.2	872,611	20.0	\$100,000 to \$500,000.....	139	5,398	14.6	31,591,940	8.4	14,393,082	13.0
\$500,000 and over.....	0	976	41.9	7,337,979	67.0	2,005,145	59.7	\$500,000 to \$1,000,000.....	35	5,123	13.9	25,400,870	6.8	11,810,263	10.7
								\$1,000,000 and over.....	62	22,895	61.9	301,778,189	80.7	77,082,691	69.6
CAMDEN.....	336	40,906	100.0	218,165,277	100.0	105,061,647	100.0	KEARNY.....	49	14,800	100.0	80,832,074	100.0	38,132,137	100.0
Less than \$5,000.....	60	33	0.1	131,969	0.1	72,890	0.1	Less than \$5,000.....	5	1	(1)	11,978	(1)	7,034	(1)
\$5,000 to \$20,000.....	72	215	0.5	805,128	0.4	396,067	0.4	\$5,000 to \$20,000.....	10	33	0.2	130,777	0.2	63,307	0.2
\$20,000 to \$100,000.....	92	849	2.1	4,022,128	1.8	1,925,769	1.8	\$20,000 to \$100,000.....	18	189	1.3	841,309	1.0	412,263	1.1
\$100,000 to \$500,000.....	65	3,354	8.2	16,526,520	7.6	8,093,376	7.7	\$100,000 to \$500,000.....	6	331	2.2	1,295,356	1.6	695,295	1.8
\$500,000 to \$1,000,000.....	19	2,404	5.9	12,838,461	5.9	5,802,307	5.5	\$500,000 and over.....	10	14,306	96.3	78,552,654	97.2	36,954,238	96.9
\$1,000,000 and over.....	28	34,051	83.2	183,841,071	84.3	88,771,238	84.5								
CLIFTON.....	49	3,253	100.0	29,430,811	100.0	9,985,140	100.0	LONG BRANCH...	65	841	100.0	3,012,724	100.0	1,682,687	100.0
Less than \$5,000.....	6	6	0.2	18,077	0.1	11,408	0.1	Less than \$5,000.....	18	28	3.3	40,268	1.3	31,074	1.8
\$5,000 to \$20,000.....	11	26	0.8	116,191	0.4	73,522	0.7	\$5,000 to \$20,000.....	24	78	9.3	238,666	7.9	131,125	7.8
\$20,000 to \$100,000.....	13	96	3.0	568,478	1.9	357,655	3.6	\$20,000 to \$100,000.....	18	261	31.0	817,015	27.1	460,627	27.7
\$100,000 to \$500,000.....	3	292	9.0	1,694,415	5.7	740,195	7.4	\$100,000 and over.....	5	474	56.4	1,915,977	63.6	1,033,861	62.6
\$500,000 to \$1,000,000.....	3	635	19.5	2,364,589	8.0	1,325,333	13.3								
\$1,000,000 and over.....	8	2,198	67.6	24,699,061	83.9	7,487,027	74.9								
EAST ORANGE...	76	2,683	100.0	11,084,224	100.0	7,000,332	100.0	MILLVILLE.....	44	3,857	100.0	10,416,362	100.0	5,948,509	100.0
Less than \$5,000.....	12	8	0.3	39,044	0.4	26,787	0.4	Less than \$5,000.....	11	8	0.2	28,614	0.3	19,601	0.3
\$5,000 to \$20,000.....	39	87	3.2	421,340	3.8	250,469	3.6	\$5,000 to \$20,000.....	15	59	1.5	175,212	1.7	17,278	0.3
\$20,000 to \$100,000.....	15	125	4.7	586,606	5.3	319,883	4.6	\$20,000 to \$100,000.....	10	169	4.4	398,232	3.8	206,027	3.5
\$100,000 to \$500,000.....	5	354	13.2	1,148,835	10.4	610,202	8.7	\$100,000 to \$500,000.....	4	393	10.2	1,144,697	11.0	733,643	12.3
\$500,000 and over.....	5	2,109	78.6	8,888,339	80.2	5,793,000	82.8	\$500,000 and over.....	4	3,228	83.7	8,669,707	83.2	4,971,360	83.6
ELIZABETH.....	226	18,386	100.0	70,440,515	100.0	36,808,707	100.0	MONTCLAIR.....	34	281	100.0	2,282,413	100.0	849,272	100.0
Less than \$5,000.....	41	27	0.1	112,043	0.1	74,410	0.2	Less than \$5,000.....	8	10	3.6	21,130	0.9	10,785	1.3
\$5,000 to \$20,000.....	67	807	1.7	740,395	1.0	412,902	1.1	\$5,000 to \$20,000.....	12	19	6.8	144,601	6.3	83,932	7.5
\$20,000 to \$100,000.....	62	710	3.9	2,677,072	3.5	1,416,570	3.8	\$20,000 and over.....	14	252	89.7	2,116,682	92.7	774,555	91.2
\$100,000 to \$500,000.....	35	2,070	11.3	9,465,838	12.4	5,106,557	13.9								
\$500,000 to \$1,000,000.....	7	582	3.2	4,706,909	6.2	1,615,114	4.4								
\$1,000,000 and over.....	14	14,690	79.9	58,738,258	78.8	28,183,154	76.6								
ENGLEWOOD.....	29	256	100.0	1,119,264	100.0	595,778	100.0	MORRISTOWN.....	56	248	100.0	1,352,152	100.0	585,056	100.0
Less than \$5,000.....	7	3	1.2	20,945	1.9	17,080	2.9	Less than \$5,000.....	16	9	3.6	45,439	3.4	28,002	4.8
\$5,000 to \$20,000.....	13	41	16.0	134,009	12.0	78,151	13.1	\$5,000 to \$20,000.....	23	60	24.2	246,236	18.2	138,649	23.7
\$20,000 to \$100,000.....	6	45	17.6	251,031	22.4	140,064	24.5	\$20,000 and over.....	17	179	72.2	1,060,477	78.4	418,405	71.5
\$100,000 to \$500,000.....	3	167	65.2	713,279	63.7	354,474	59.5								
GARFIELD.....	56	5,025	100.0	40,233,553	10										

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

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
NEWARK.....	2,155	86,707	100.0	\$577,608,564	100.0	\$239,646,896	100.0	RAHWAY.....	36	1,697	100.0	\$11,747,584	100.0	\$4,166,947	100.0
Less than \$5,000.....	301	180	0.2	834,000	0.1	559,904	0.2	Less than \$5,000.....	4	3	0.2	9,145	0.1	6,678	0.2
\$5,000 to \$20,000.....	576	1,631	1.9	6,427,022	1.1	3,618,236	1.5	\$5,000 to \$20,000.....	8	20	1.2	84,182	0.7	52,380	1.3
\$20,000 to \$100,000.....	656	7,055	8.8	30,046,159	5.2	16,790,228	7.0	\$20,000 to \$100,000.....	12	103	6.1	474,263	4.0	260,574	6.3
\$100,000 to \$500,000.....	390	10,179	18.7	85,902,088	14.9	43,740,363	18.3	\$100,000 to \$500,000.....	3	120	7.1	732,887	6.2	241,831	5.8
\$500,000 to \$1,000,000.....	116	12,542	14.5	79,493,772	13.8	35,709,422	14.9	\$500,000 to \$1,000,000.....	5	451	26.6	3,406,182	29.0	1,328,644	31.9
\$1,000,000 and over.....	113	48,511	55.9	374,815,523	64.9	139,138,743	58.1	\$1,000,000 and over.....	4	1,000	58.9	7,040,925	59.9	2,276,837	54.6
ORANGE.....	81	2,712	100.0	13,092,066	100.0	7,786,212	100.0	TRENTON.....	389	24,547	100.0	122,477,987	100.0	62,016,537	100.0
Less than \$5,000.....	18	10	0.4	54,772	0.4	31,230	0.4	Less than \$5,000.....	72	33	0.1	163,876	0.1	102,119	0.2
\$5,000 to \$20,000.....	30	92	3.4	397,427	3.0	225,976	2.9	\$5,000 to \$20,000.....	118	364	1.5	1,340,432	1.1	661,758	1.1
\$20,000 to \$100,000.....	18	204	7.5	741,732	5.7	412,115	5.7	\$20,000 to \$100,000.....	90	1,055	4.3	4,812,151	3.9	2,333,965	3.8
\$100,000 to \$500,000.....	5	254	9.4	1,077,333	8.2	618,004	7.9	\$100,000 to \$500,000.....	59	4,098	16.7	14,633,953	11.9	7,925,136	12.8
\$500,000 to \$1,000,000.....	6	797	29.4	4,384,908	33.5	2,117,961	27.6	\$500,000 to \$1,000,000.....	25	4,806	19.9	16,860,388	13.8	10,614,520	17.1
\$1,000,000 and over.....	4	1,355	50.0	6,436,804	49.2	4,320,926	55.5	\$1,000,000 and over.....	19	14,101	57.4	84,667,187	69.1	40,379,039	65.1
PASSAIC.....	234	18,203	100.0	129,073,484	100.0	52,150,801	100.0	UNION.....	116	1,506	100.0	8,195,484	100.0	4,612,287	100.0
Less than \$5,000.....	50	26	0.1	130,273	0.1	85,446	0.2	Less than \$5,000.....	30	22	1.5	77,215	0.9	54,472	1.2
\$5,000 to \$20,000.....	66	170	0.9	773,971	0.6	383,648	0.7	\$5,000 to \$20,000.....	36	114	7.6	387,802	4.7	226,810	4.9
\$20,000 to \$100,000.....	64	1,107	6.1	2,822,794	2.2	1,614,434	3.1	\$20,000 to \$100,000.....	42	551	36.6	1,950,882	23.8	1,111,168	24.1
\$100,000 to \$500,000.....	27	994	5.5	6,199,525	4.8	2,738,627	5.3	\$100,000 to \$500,000.....	5	204	19.5	1,442,422	17.6	874,810	21.1
\$500,000 to \$1,000,000.....	4	266	1.5	2,727,049	2.1	1,195,775	2.3	\$500,000 and over.....	3	525	34.9	4,337,163	52.9	2,245,027	48.7
\$1,000,000 and over.....	23	15,640	85.9	116,359,872	90.1	40,141,871	88.5								
PATERSON.....	1,044	37,217	100.0	216,659,174	100.0	101,697,761	100.0	WEST HOBOKEN.....	307	3,565	100.0	16,652,844	100.0	8,803,695	100.0
Less than \$5,000.....	122	90	0.3	334,223	0.1	240,684	0.2	Less than \$5,000.....	55	32	0.9	125,627	0.8	93,611	1.1
\$5,000 to \$20,000.....	258	1,053	2.8	2,075,504	1.4	2,084,021	2.0	\$5,000 to \$20,000.....	126	446	12.5	1,358,174	8.2	917,666	10.4
\$20,000 to \$100,000.....	273	3,847	10.3	12,917,009	6.0	7,588,533	7.5	\$20,000 to \$100,000.....	104	1,006	28.2	4,075,697	24.5	2,274,763	25.8
\$100,000 to \$500,000.....	270	10,213	27.4	61,021,115	28.2	25,953,494	25.5	\$100,000 to \$500,000.....	16	542	15.2	3,537,403	21.2	1,683,297	19.1
\$500,000 to \$1,000,000.....	69	7,188	19.3	46,525,930	21.5	21,415,321	21.1	\$500,000 to \$1,000,000.....	3	320	9.0	2,060,982	12.4	1,367,804	15.5
\$1,000,000 and over.....	52	14,826	39.8	92,885,303	42.9	44,406,708	43.7	\$1,000,000 and over.....	3	1,219	34.2	5,495,061	33.0	2,466,549	28.0
PERTH AMBOY.....	124	9,197	100.0	230,658,263	100.0	31,351,080	100.0	WEST NEW YORK.....	102	3,208	100.0	28,377,866	100.0	8,293,590	100.0
Less than \$5,000.....	17	9	0.1	48,320	(1)	29,614	0.1	Less than \$5,000.....	21	12	0.4	57,141	0.2	37,105	0.4
\$5,000 to \$20,000.....	39	81	0.9	422,601	0.2	237,220	0.8	\$5,000 to \$20,000.....	60	262	7.9	657,334	2.3	441,410	5.3
\$20,000 to \$100,000.....	32	470	5.1	1,433,229	0.6	769,793	2.5	\$20,000 to \$100,000.....	79	868	27.1	3,460,578	12.2	1,890,529	22.8
\$100,000 to \$500,000.....	18	1,028	11.2	4,600,210	2.0	2,428,565	7.7	\$100,000 to \$500,000.....	23	1,079	33.6	5,270,057	18.6	2,837,563	34.2
\$500,000 to \$1,000,000.....	5	736	8.0	3,282,661	1.4	1,362,442	4.3	\$500,000 to \$1,000,000.....	5	583	18.3	3,345,267	11.8	1,332,074	16.1
\$1,000,000 and over.....	13	6,873	74.7	220,971,152	95.8	20,523,546	84.6	\$1,000,000 and over.....	4	409	12.7	15,577,580	54.9	1,754,909	21.2
PHILLIPSBURG.....	53	5,403	100.0	29,407,670	100.0	15,400,886	100.0	ALL OTHER CITIES ²	47	6,334	100.0	27,844,036	100.0	16,116,681	100.0
Less than \$5,000.....	9	3	0.1	21,920	0.1	12,609	0.1	Less than \$5,000.....	7	4	0.1	21,008	0.1	15,836	0.1
\$5,000 to \$20,000.....	13	30	0.6	131,142	0.4	48,436	0.3	\$5,000 to \$20,000.....	15	41	0.6	162,257	0.6	96,784	0.6
\$20,000 to \$100,000.....	9	114	2.1	398,682	1.4	194,694	1.3	\$20,000 to \$100,000.....	16	148	2.3	692,424	2.5	391,736	2.4
\$100,000 to \$500,000.....	10	623	11.5	2,138,543	7.3	1,079,908	7.0	\$100,000 to \$500,000.....	8	112	1.8	439,742	1.6	216,581	1.3
\$500,000 to \$1,000,000.....	5	646	12.0	3,455,145	11.7	1,360,212	8.8	\$500,000 and over.....	6	6,029	95.2	26,527,705	95.3	15,395,744	95.5
\$1,000,000 and over.....	7	3,987	73.8	23,262,238	79.1	12,705,107	82.5								
PLAINFIELD.....	94	3,421	100.0	17,540,331	100.0	7,718,148	100.0								
Less than \$5,000.....	23	6	0.2	55,345	0.3	36,740	0.5								
\$5,000 to \$20,000.....	35	138	4.0	370,874	2.1	244,093	3.2								
\$20,000 to \$100,000.....	22	262	7.7	948,777	5.4	518,848	6.7								
\$100,000 to \$500,000.....	6	320	9.4	1,237,340	7.1	780,696	10.1								
\$500,000 and over.....	8	2,695	78.8	14,927,995	85.1	6,137,771	79.5								

¹ Less than one-tenth of 1 per cent.² All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
					In establishments owned by—			Per cent of total.			Of establishments owned by—			Per cent of total.								
		Indi-vid-u-als.	Cor-pora-tions.	All oth-ers.	Total.	Indi-vid-u-als.	Cor-pora-tions.	All oth-ers.	Indi-vid-u-als.	Cor-pora-tions.	All oth-ers.	Total.	Individ-u-als.	Corpora-tions.	All others.	Indi-vid-u-als.	Cor-pora-tions.	All oth-ers.				
All industries.....	1919	5,376,394	1,737	508,680	27,375	454,800	26,451	5.4	89.4	5.2	\$3,672,064,987	\$152,512,567	\$3,367,501,291	\$152,051,129	4.2	91.7	4.1					
	1914	5,152,316	1,424	373,095	30,800	313,171	29,628	8.2	83.8	7.9	1,406,633,414	75,080,243	1,250,439,769	81,107,402	5.3	88.9	5.8					
	1909	4,888,250	1,369	326,223	33,306	257,252	35,065	10.2	78.9	10.9	1,145,529,076	83,854,860	971,904,531	89,769,685	7.3	84.8	7.8					
Automobile bodies and parts	1919	61	30	19	3,100	242	2,841	77	7.7	89.9	2.4	15,110,688	1,028,683	13,719,332	362,773	6.8	90.8	2.4				
	1914	15	21	9	1,989	35	1,803	86	1.8	93.9	4.3	5,355,290	91,366	5,089,055	174,869	1.7	95.0	3.3				
Boots and shoes, not including rubber boots and shoes.	1919	6	22	6	2,835	217	2,400	218	7.7	84.7	7.7	12,864,068	1,376,647	10,600,137	887,284	10.7	82.4	6.9				
	1914	9	21	12	3,834	168	2,769	897	4.4	72.2	23.4	8,238,710	202,513	6,140,774	1,805,423	3.6	74.5	21.9				
Brass, bronze, and copper products.	1919	28	25	14	2,185	200	1,875	110	9.2	85.8	5.0	14,412,108	1,275,436	12,330,628	806,042	8.8	85.6	5.6				
	1914	25	22	14	1,236	101	961	114	13.0	77.8	9.2	4,680,427	605,657	3,753,647	327,123	12.9	80.1	7.0				
Bread and other bakery products.	1919	1,060	51	143	5,911	2,816	2,628	467	47.6	44.5	7.9	55,763,446	25,777,748	25,501,087	4,484,611	46.2	45.7	8.0				
	1914	1,134	49	95	5,712	3,753	1,480	473	65.7	26.0	8.3	22,310,018	14,592,050	5,935,786	1,782,173	65.4	26.6	8.0				
Canning and preserving, fruits and vegetables.	1919	14	29	10	2,685	168	2,398	119	6.3	89.3	4.4	24,618,704	645,939	23,820,009	152,756	2.6	96.8	0.6				
	1914	20	25	7	2,686	303	2,181	142	13.5	81.2	5.3	11,300,906	754,481	10,442,901	169,524	6.6	91.9	1.5				

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISH- MENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.			Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Individ- uals.	Corpora- tions.	All others.	Indi- vid- uals.	Corpora- tions.	All oth- ers.				
Chemicals.....	1919	4	72	2	12,472	1 43	12,429	.....	0.3	99.7	.....	\$84,033,941	1 \$394,321	\$83,639,620	.....	0.5	99.5	.....	.....	.....	.....
	1914	4	58	2	6,276	1 21	6,255	.....	0.3	99.7	.....	31,686,866	1 125,248	31,561,617	.....	0.4	99.6	.....	.....	.....	.....
Clothing, men's.....	1919	61	31	72	4,801	1,074	1,868	1,859	22.4	38.9	38.7	15,949,559	3,196,748	8,543,285	\$4,209,526	20.0	53.6	26.4	.....	.....	.....
	1914	59	14	45	4,715	2,627	10,436	1,652	55.7	9.2	35.0	5,953,706	2,297,132	1,138,641	2,517,933	38.6	19.1	42.3	.....	.....	.....
Clothing, women's.....	1919	114	46	95	5,696	1,339	1,812	2,545	23.5	31.8	44.7	17,900,421	4,302,269	5,708,813	7,889,339	24.0	31.9	44.1	.....	.....	.....
	1914	76	30	77	5,423	1,184	1,953	2,286	21.8	36.0	42.2	6,768,076	1,129,445	2,714,158	2,924,473	16.7	40.1	43.2	.....	.....	.....
Confectionery and ice cream.....	1919	155	48	42	2,955	454	2,302	199	15.4	77.9	6.7	16,898,953	3,103,543	11,923,416	1,871,994	18.4	70.6	11.1	.....	.....	.....
	1914	87	29	25	1,810	268	1,537	255	14.8	71.1	14.1	6,079,244	881,773	4,116,577	1,080,894	14.5	67.7	17.8	.....	.....	.....
Cotton goods.....	1919	6	27	.....	9,261	117	9,144	.....	1.3	98.7	.....	58,705,655	487,095	58,218,560	.....	0.8	99.2	.....	.....	.....	.....
	1914	3	16	2	7,144	1 68	7,076	.....	1.0	99.0	.....	16,317,490	1 131,578	16,185,912	.....	0.8	99.2	.....	.....	.....	.....
Dyeing and finishing tex- tiles, exclusive of that done in textile mills.	1919	22	95	15	14,492	313	13,968	221	2.2	96.3	1.5	79,305,174	1,136,132	76,365,621	1,803,421	1.4	98.3	2.3	.....	.....	.....
	1914	20	65	13	11,683	366	10,836	476	3.3	92.6	4.1	602,955	602,955	6,570,945	807,512	1.2	95.0	2.9	.....	.....	.....
Electrical machinery, ap- paratus, and supplies.	1919	7	91	7	26,135	40	26,035	60	0.2	99.6	0.2	120,341,356	186,386	119,546,759	608,211	0.2	99.3	0.5	.....	.....	.....
	1914	12	58	6	14,405	169	14,144	92	1.2	98.2	0.6	40,740,810	615,547	39,706,778	418,485	1.5	97.5	1.0	.....	.....	.....
Food preparations, not else- where specified.	1919	55	24	21	1,359	170	1,113	76	12.5	81.9	5.6	33,612,181	1,815,540	30,827,176	969,465	5.4	91.7	2.9	.....	.....	.....
	1914	30	15	18	812	178	632	42	9.6	85.2	5.2	6,078,907	527,265	5,551,642	103,402	5.6	92.7	1.7	.....	.....	.....
Foundry and machine-shop products. ¹	1919	205	260	64	28,410	1,911	25,285	1,214	6.7	89.0	4.3	140,450,937	8,578,366	127,507,572	4,364,999	6.1	90.8	3.1	.....	.....	.....
	1914	196	205	71	18,099	2,084	14,869	1,146	11.5	82.2	6.3	41,869,838	3,601,831	36,235,444	2,032,563	8.6	86.5	4.9	.....	.....	.....
Hats, fur-felt.....	1919	8	16	7	3,308	40	2,452	811	1.2	74.2	24.6	16,625,357	258,900	12,257,517	4,108,940	1.6	73.7	24.7	.....	.....	.....
	1914	14	23	4	4,401	.....	3,626	* 775	.....	82.4	17.6	7,969,344	.....	6,861,258	* 1,108,086	.....	86.1	13.9	.....	.....	.....
Jewelry.....	1919	45	83	46	3,234	284	1,921	1,029	8.8	59.4	31.8	27,889,565	1,875,661	18,049,906	7,963,998	6.7	64.7	28.6	.....	.....	.....
	1914	48	82	45	3,408	366	1,987	1,055	10.7	58.3	31.0	11,347,455	1,230,296	6,567,884	3,549,275	10.8	57.9	31.3	.....	.....	.....
Knit goods.....	1919	29	43	18	4,853	170	4,371	412	3.5	88.0	8.5	23,853,075	687,367	19,940,979	3,224,729	2.9	83.6	13.5	.....	.....	.....
	1914	24	29	9	4,025	444	3,391	190	11.0	84.2	4.7	7,849,556	788,840	6,680,566	385,150	10.0	85.1	4.9	.....	.....	.....
Leather, tanned, curried, and finished.	1919	16	51	0	5,499	316	4,829	354	5.7	87.8	6.4	78,012,101	3,914,744	68,789,265	5,308,092	5.0	88.2	6.8	.....	.....	.....
	1914	23	48	13	5,108	470	3,784	854	9.2	74.1	16.7	31,651,831	2,489,572	23,120,483	6,041,776	7.9	73.0	19.1	.....	.....	.....
Millinery and lace goods, not elsewhere specified.	1919	343	72	95	6,254	2,231	2,966	1,057	35.7	47.4	16.9	24,506,009	7,011,244	13,965,882	3,528,883	28.6	57.0	14.4	.....	.....	.....
	1914	172	53	51	5,573	1,572	3,277	724	28.2	58.8	13.0	10,485,723	2,751,706	6,239,995	1,494,022	26.2	59.5	14.2	.....	.....	.....
Paints.....	1919	6	25	2	1,332	1 69	1,263	.....	5.2	94.8	.....	18,500,897	1 172,242	17,328,655	.....	6.3	93.7	.....	.....	.....	.....
	1914	8	20	3	1,333	1 100	1,233	.....	7.5	92.5	.....	10,853,242	1 835,884	10,017,358	.....	7.7	92.3	.....	.....	.....	.....
Paper and wood pulp.....	1919	5	27	1	3,108	1 152	2,956	.....	4.9	95.1	.....	20,360,692	1 699,803	19,660,889	.....	3.4	96.6	.....	.....	.....	.....
	1914	3	27	3	2,027	1 148	2,779	.....	5.1	94.9	.....	10,931,431	1 459,357	10,472,074	.....	4.2	95.8	.....	.....	.....	.....
Pottery.....	1919	7	42	4	5,717	204	5,207	306	3.6	91.1	5.4	16,225,650	472,222	15,127,922	625,506	2.9	93.2	3.9	.....	.....	.....
	1914	4	42	4	5,225	99	4,882	244	1.9	93.4	4.7	7,867,709	107,712	7,409,112	260,885	2.5	94.2	3.3	.....	.....	.....
Printing and publishing, newspapers and period- icals.	1919	144	112	39	2,352	357	1,927	68	15.2	81.9	2.9	12,399,856	1,430,592	10,507,690	461,568	11.5	84.7	3.7	.....	.....	.....
	1914	173	111	36	2,470	506	1,848	116	20.5	74.8	4.7	7,413,284	1,229,581	5,790,940	392,763	16.6	78.1	5.3	.....	.....	.....
Rubber tires, tubes, and rubber goods, not else- where specified.	1919	8	57	.....	12,353	99	12,254	.....	0.8	99.2	.....	84,129,058	788,360	83,340,692	.....	0.9	99.1	.....	.....	.....	.....
	1914	4	47	2	6,316	1 113	6,203	.....	1.8	98.2	.....	25,458,216	1 241,384	25,216,832	.....	0.9	99.1	.....	.....	.....	.....
Shirts.....	1919	13	18	15	2,884	376	1,603	905	13.0	55.6	31.4	12,249,537	585,822	8,703,336	2,960,379	4.8	71.1	24.2	.....	.....	.....
	1914	13	12	9	3,502	516	2,093	893	14.7	59.8	25.5	5,593,667	381,187	4,494,614	717,856	6.8	80.4	12.8	.....	.....	.....
Silk goods, including throw- sters.	1919	167	310	209	32,326	3,596	22,933	5,797	11.1	70.9	17.9	215,050,500	24,525,311	154,408,889	36,116,360	11.4	71.8	16.8	.....	.....	.....
	1914	96	183	89	28,263	2,447	20,017	5,799	8.7	70.8	20.5	75,706,449	4,973,964	53,986,999	16,745,486	6.6	71.3	22.1	.....	.....	.....
Slaughtering and meat packing.	1919	17	22	7	3,566	104	3,292	170	2.9	92.3	4.8	110,221,328	5,247,614	95,315,118	9,658,598	4.8	86.5	8.8	.....	.....	.....
	1914	26	21	9	2,033	106	1,775	152	5.2	87.3	7.5	38,809,339	2,630,551	30,215,417	5,963,371	6.8	77.9	15.4	.....	.....	.....
Soap.....	1919	2	12	2	2,889	.....	2,826	* 68	.....	97.8	2.2	37,381,759	.....	36,717,126	* 664,633	.....	98.2	1.8	.....	.....	.....
	1914	2	12	2	2,057	.....	1,995	* 62	.....	97.0	3.0	16,692,406	.....	16,403,263	* 289,000	.....	98.3	1.7	.....	.....	.....
Structural ironwork, not made in steel works or rolling mills.	1919	33	30	10	2,115	176	1,905	34	8.3	90.1	1.6	13,633,110	823,491	12,580,784	223,835	6.0	92.3	1.7	.....	.....	.....
	1914	48	25	9	2,603	233	2,309	61	9.0	88.7	2.3	8,095,520	503,552	7,348,422	183,540	7.0	90.8	2.3	.....	.....	.....
Tobacco manufactures.....	1919	256	47	15	10,161	592	9,446	123	5.8	93.0	1.2	56,718,203	2,171,197	54,302,716	244,290	3.8	95.7	0.4	.....	.....	.....
	1914	333	41	20	15,830	611	14,875	344	3.9	94.0	2.2	39,695,997	1,370,801	37,735,233	589,963	3.5	95.1	1.5	.....	.....	.....
Varnishes.....	1919	6	23	1	662	1 18	644	.....	2.7	97.3	.....	13,314,471	1 463,645	12,850,826	.....	3.4	96.5	.....	.....	.....	.....
	1914	4	23	2	404	1 19	385	.....	4.7	95.3	.....	5,233,475	1 247,990	4,985,485	.....	4.7	95.3	.....	.....	.....	.....
Woolen and worsted goods.....	1919	1	22	3	14,490	.....	13,397	* 1,093	.....	92.5	7.5	100,325,294	.....	93,302,953	* 7,022,341	.....	93.0	7.0	.....	.....	.....
	1914	2	19	5	14,280	.....	11,912	* 2,368	.....	83.4	16.6	35,738,853	.....	29,025,263	* 6,713,590	.....	81.2	18.8	.....	.....	.....
Total for cities ⁴	1919	3,730	2,963	1,291	402,485	20,621	359,808	22,056	5.1	89.4	5.5	2,804,962,661	122,418,857	2,554,429,038	123,114,766	4.4	91.1	4.6	.....	.....	.....
	1914	3,464	2,343	1,062	283,219	21,818	237,951	23,450	7.7	84.0	8.3	1,090,474,035	55,023,476	96								

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

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISH- MENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.			Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Individ- uals.	Corpora- tions.	All others.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.				
BLOOMFIELD.....	1919 1914	20 27	29 24	10 6	5,150 3,177	59 2,583	4,630 1,594	461 1	1.1 81.3	89.9 18.7	9.0	\$25,245,436 8,357,620	\$477,294 1,063,663	\$22,307,209 3,659,931	\$2,460,933 1,447,464	1.9 21.6	88.4 74.2	9.7 4.3	1.9 21.6	88.4 74.2	9.7 4.3	
BRIDGETON.....	1919 1914	40 44	33 28	14 11	2,329 2,479	285 447	1,835 1,883	209 149	12.2 18.0	78.8 76.0	9.0 6.0	10,958,787 4,935,711	1,503,992 1,063,663	9,168,916 3,659,931	285,879 212,117	13.7 21.6	83.7 74.2	2.6 4.3	13.7 21.6	83.7 74.2	2.6 4.3	
CAMDEN.....	1919 1914	138 178	152 130	46 37	40,906 22,541	673 1,040	39,164 20,517	1,089 978	1.6 4.6	95.7 91.0	2.6 4.0	218,165,277 71,823,005	3,981,085 2,372,508	207,216,815 60,372,290	6,967,377 3,079,107	1.8 3.3	95.0 92.4	3.2 4.3	1.8 3.3	95.0 92.4	3.2 4.3	
CLIFTON.....	1919	21	23	5	3,253	48	2,960	245	1.5	91.0	7.5	29,430,811	403,500	26,870,426	2,156,885	1.4	91.3	7.3	1.4	91.3	7.3	
EAST ORANGE.....	1919 1914	44 29	25 12	7 10	2,683 1,949	101 106	2,541 1,754	41 89	3.8 5.4	94.7 90.0	1.5 4.6	11,084,224 5,406,985	585,687 350,902	10,365,557 4,841,680	132,980 214,403	5.3 6.5	93.5 89.5	1.2 4.0	5.3 6.5	93.5 89.5	1.2 4.0	
ELIZABETH.....	1919 1914	93 94	92 74	41 16	18,386 12,870	293 531	17,497 11,927	506 412	1.6 4.1	95.2 92.7	3.2 3.2	76,440,515 31,228,181	1,488,324 1,081,324	72,624,881 28,277,858	2,329,310 1,868,999	1.9 3.5	95.0 90.6	3.0 6.0	1.9 3.5	95.0 90.6	3.0 6.0	
ENGLEWOOD.....	1919 1914	18 15	7 4	4 —	250 91	30 42	206 49	20 —	11.7 46.2	80.5 53.8	7.8 —	1,119,264 321,161	171,944 (?)	887,727 (?)	59,593 —	15.4 —	79.3 —	5.3 —	15.4 —	79.3 —	5.3 —	
GARFIELD.....	1919 1914	32 20	20 14	4 5	5,025 5,869	149 69	4,871 5,755	5 45	3.0 1.2	96.9 98.1	0.1 0.8	40,233,553 16,113,492	393,295 151,184	39,790,670 15,887,856	49,588 74,452	1.0 0.9	98.9 98.6	0.1 0.5	1.0 0.9	98.9 98.6	0.1 0.5	
GLOUCESTER.....	1919 1914	6 13	10 9	5 1	6,225 1,945	8 —	6,210 1,923	7 122	0.1 —	99.8 98.9	0.1 1.1	19,994,017 4,710,951	54,811 —	19,814,414 4,593,886	124,792 117,065	0.3 —	99.1 97.5	0.6 2.5	0.3 —	99.1 97.5	0.6 2.5	
HACKENSACK.....	1919 1914	25 27	17 12	3 —	698 766	94 —	567 640	37 126	13.5 —	81.2 83.6	5.3 16.4	3,707,795 2,252,503	371,295 —	3,167,335 1,858,756	169,165 139,747	10.0 —	85.4 82.5	4.6 17.5	10.0 —	85.4 82.5	4.6 17.5	
HARRISON.....	1919 1914	29 20	25 24	9 8	13,026 7,404	258 214	12,543 7,022	225 168	2.0 2.9	96.3 94.8	1.7 2.3	61,766,542 17,960,500	1,494,729 447,080	59,152,667 17,119,123	1,119,146 394,297	2.4 2.5	95.8 95.3	1.8 2.2	2.4 2.5	95.8 95.3	1.8 2.2	
HOBOKEN.....	1919 1914	136 111	96 95	48 52	15,933 9,200	697 445	14,637 8,104	599 712	4.4 4.8	91.9 87.2	3.8 8.0	70,811,540 23,461,298	5,184,186 1,675,104	61,904,434 20,158,155	3,222,920 1,628,039	7.3 7.1	88.0 85.9	4.6 6.9	7.3 7.1	88.0 85.9	4.6 6.9	
IRVINGTON.....	1919 1914	32 33	51 26	6 15	1,956 921	113 214	1,817 593	26 114	5.8 23.2	92.9 64.4	1.8 12.4	12,175,332 7,349,713	734,076 445,057	11,323,513 6,664,506	117,743 240,150	6.0 6.1	93.0 90.7	1.0 3.3	6.0 6.1	93.0 90.7	1.0 3.3	
JERSEY CITY.....	1919 1914	449 405	305 254	142 111	36,981 31,021	2,370 2,693	32,866 26,021	1,745 1,707	6.4 8.7	88.9 85.8	4.7 5.5	374,182,921 164,628,008	14,528,725 8,050,681	345,834,428 149,107,178	13,819,771 7,370,749	3.9 4.9	92.4 90.6	3.7 4.5	3.9 4.9	92.4 90.6	3.7 4.5	
KEARNY.....	1919 1914	19 31	27 16	4 —	14,860 5,094	107 100	14,751 4,980	2 8	0.7 2.0	99.3 97.9	(?) 0.1	80,832,074 15,410,840	475,593 306,634	80,325,180 15,094,006	31,301 18,600	0.6 2.0	99.4 97.9	(?) 0.1	0.6 2.0	99.4 97.9	(?) 0.1	
LONG BRANCH.....	1919 1914	38 17	15 8	12 8	841 410	120 —	490 213	225 107	14.3 —	59.0 82.0	26.8 48.0	3,012,724 1,055,428	466,278 —	1,531,122 451,769	1,015,324 1,003,659	15.5 —	50.8 42.8	33.7 57.2	15.5 —	50.8 42.8	33.7 57.2	
MILLVILLE.....	1919 1914	24 28	12 11	8 11	3,857 3,198	86 62	3,738 3,066	33 70	2.2 1.9	96.9 95.9	0.9 2.2	10,416,862 4,644,412	340,976 104,329	9,970,131 4,841,752	105,255 108,331	3.3 4.2	95.7 93.5	1.0 2.3	3.3 4.2	95.7 93.5	1.0 2.3	
MONTCLAIR.....	1919 1914	22 25	10 7	5 —	281 382	52 77	203 267	26 38	18.5 20.2	72.2 69.9	9.3 9.9	2,282,413 1,431,768	565,772 (?)	1,581,386 (?)	135,255 —	24.8 —	69.3 —	5.9 —	24.8 —	69.3 —	5.9 —	
MORRISTOWN.....	1919 1914	34 14	13 11	6 —	218 218	70 66	90 90	88 62	28.2 20.3	36.3 41.3	35.5 28.4	1,352,152 684,266	454,685 249,162	362,375 291,519	535,092 143,585	33.6 36.4	26.8 42.6	39.6 21.0	33.6 36.4	26.8 42.6	39.6 21.0	
NEW BRUNSWICK.....	1919 1914	70 57	51 43	17 18	7,673 6,448	256 241	7,154 5,991	203 216	3.3 3.7	93.2 92.9	3.4 3.3	42,624,947 14,814,018	990,233 496,890	41,084,056 14,006,391	550,658 310,728	2.3 3.4	96.4 94.5	1.3 2.1	2.3 3.4	96.4 94.5	1.3 2.1	
NEWARK.....	1919 1914	914 1,102	922 801	319 372	86,707 63,081	4,995 7,016	75,893 48,911	5,819 7,157	5.8 11.1	87.5 77.5	6.7 11.3	577,608,564 210,601,047	31,112,440 17,740,192	510,010,087 171,237,604	36,456,037 21,623,251	5.4 8.4	88.3 81.3	6.3 10.3	5.4 8.4	88.3 81.3	6.3 10.3	
ORANGE.....	1919 1914	41 46	30 18	10 8	2,712 2,126	149 209	2,179 1,765	384 152	5.5 9.8	80.3 83.0	14.2 7.1	13,092,066 4,558,321	1,270,052 884,761	9,415,569 3,243,273	2,408,445 430,287	9.7 10.4	71.9 71.2	18.4 9.4	9.7 10.4	71.9 71.2	18.4 9.4	
PASSAIC.....	1919 1914	119 99	81 62	34 —	18,203 17,142	636 761	17,222 14,060	345 2,318	3.5 4.5	94.6 82.0	1.9 13.5	129,073,484 53,267,859	2,793,399 1,412,115	124,951,034 7,045,504	1,329,051 1,045,504	2.2 2.7	96.8 84.1	1.0 13.2	2.2 2.7	96.8 84.1	1.0 13.2	
PATERSON.....	1919 1914	391 337	402 271	251 127	37,217 30,925	4,324 3,624	28,919 21,571	5,974 5,730	11.6 11.7	72.3 69.8	16.1 18.5	216,659,174 78,428,639	28,244,381 7,488,558	151,425,901 56,798,084	30,988,892 14,141,997	13.0 9.5	69.9 72.4	17.1 18.0	13.0 9.5	69.9 72.4	17.1 18.0	
PERTH AMBOY.....	1919 1914	91 67	48 48	15 13	9,197 9,202	466 301	8,483 8,790	248 111	5.1 3.3	92.2 95.5	2.7 1.2	230,658,263 148,959,944	2,227,709 826,482	227,973,628 147,695,716	456,928 437,746	1.0 0.6	98.8 99.1	0.2 0.3	1.0 0.6	98.8 99.1	0.2 0.3	
PHILLIPSBURG.....	1919 1914	18 14	27 20	8 6	5,403 4,350	39 148	5,343 4,194	21 17	0.7 3.4	98.9 96.2	0.4 0.4	29,407,670 11,828,677	298,466 582,495	28,922,035 10,663,846	187,169 82,336	1.0 5.1	98.3 94.1	0.6 0.7	1.0 5.1	98.3 94.1	0.6 0.7	
PLAINFIELD.....	1919 1914	50 37	20 29	15 12	3,421 1,832	189 319	3,001 1,143	231 370	5.5 17.4	87.7 62.4	6.8 20.2	17,540,331 5,008,897	728,782 713,025	15,919,600 7,045,504	891,949 580,897	4.2 14.2	90.8 71.2	5.1 11.6	4.2 14.2	90.8 71.2	5.1 11.6	
RAHWAY.....	1919	13	16	7	1,697	99	1,540	58	5.8	90.7	3.4	11,747,584	720,493	10,825,443	201,648	6.1	92.2	1.7	6.1	92.2	1.7	
TRENTON.....	1919 1914	194 208	152 132	43 54	24,517 19,828	850 1,163	23,172 17,936	525 729	3.5 5.9	94.4 90.5	2.1 3.7	122,477,987 54,821,906	4,915,599 3,132,335	115,085,207 50,387,962	2,477,181 1,301,609	4.0 5.7	94.0 91.9	2.0 2.4	4.0 5.7	94.0 91.9	2.0 2.4	
UNION.....	1919 1914	71 47	28 14	17 —	1,506 1,479	330 182	625 1,099	551 198	12.9 21.3	41.5 74.3	36.6 13.4	8,195,484 4,465,201	2,097,131 495,865	5,718,592 3,465,945	379,761 346,345	25.6 11.1	69.8 81.1	4.6 7.8	25.6 11.1	69.8 81.1	4.6 7.8	
WEST HOBOKEN.....	1919 1914	192 117	45 30	70 42	3,565 3,454	855 758	2,207 2,140	503 556	24.0 21.9	61.9 62.0	14.1 16.1	16,652,844 6,601,166	4,145,445 1,584,215	10,271,846 3,867,824	2,235,553 1,149,127	24.9 24.0	61.7 58.6	13.4 17.4	24.9 24.0	61.7 58.6	13.4 17.4	
WEST NEW YORK.....	1919 1914	109 53	45 29	38 16	3,208 2,335	862 257	1,766 1,837	580 241	26.9 11.0	55.0 78.7	18.1 10.3	28,377,866 13,980,606	3,822,352 535,694	19,453,801 12,804,606	5,096,713 630,663	13.5 3.8	63.6 91.7	18.0 4.4	13.5 3.8	63.6 91.7	18.0 4.4	
ALL OTHER CITIES ¹	1919	29	14	4	6,334	85	6,184	65	1.3	97.6	1.0	27,844,036	555,913	27,183,334	104,786	2.0	97.6	0.4	2.0	97.6	0.4	

¹ Includes the group "Individuals."² Figures can not be shown without disclosing individual operations.³ Less than one-tenth of 1 per cent.⁴ All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

MANUFACTURES—NEW JERSEY.

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

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.								THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER. ¹	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places.....	1919		39		18		16		5			
	1914		33		19		9		5			
	1909		32		18		11		3			
Population ²	1920	3,155,900	2,070,129	65.6	267,130	8.5	718,899	22.8	1,084,100	34.4	1,085,771	34.4
	1915	2,815,063	1,837,804	65.3	317,540	11.3	493,636	17.5	1,026,628	36.5	977,859	34.7
	1910	2,537,167	1,635,863	64.5	271,936	10.7	623,079	24.6	740,848	29.2	901,304	35.5
Number of establishments.....	1919	11,057	7,984	72.2	885	8.0	2,279	20.6	4,820	43.6	3,073	27.8
	1914	9,742	6,869	70.5	1,045	10.7	1,305	13.4	4,519	46.4	2,873	29.5
	1909	8,817	5,954	67.5	838	9.5	1,812	20.6	3,304	37.5	2,863	32.5
Average number of wage earners.....	1919	508,686	402,485	79.1	54,844	10.8	121,283	23.8	226,358	44.5	109,201	20.9
	1914	373,605	283,219	75.8	48,719	13.0	67,101	18.0	167,399	44.8	90,386	24.2
	1909	320,223	249,834	76.6	40,845	12.5	91,669	28.1	117,320	36.0	76,889	23.4
Value of products.....	1919	\$3,672,064,987	\$2,804,962,661	76.4	\$268,331,196	7.3	\$1,027,537,539	28.0	\$1,509,093,928	41.1	\$867,102,326	23.6
	1914	1,406,633,414	1,090,474,035	77.5	135,580,866	9.6	374,689,064	26.6	580,204,105	41.2	316,159,379	22.5
	1909	1,145,529,076	896,490,813	78.3	102,081,119	8.9	394,489,798	34.4	399,025,896	34.9	249,032,203	21.7
Value added by manufacture.....	1919	1,401,591,708	1,101,333,889	78.6	137,026,357	9.8	345,122,987	24.6	619,184,545	44.2	300,257,819	21.4
	1914	523,168,820	403,982,399	77.2	60,955,320	11.7	94,710,715	18.1	248,316,364	47.5	119,186,421	22.8
	1909	425,495,677	329,712,587	77.5	48,057,304	11.3	120,408,974	28.1	161,246,309	37.0	95,783,090	22.5

¹ Includes West Orange in 1914, to avoid disclosure of individual operations.² Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN CITIES OF 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1910.

CITY AND INDUSTRY.	VALUE OF PRODUCTS.				CITY AND INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.			Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
ATLANTIC CITY.					CAMDEN—Continued.				
Bread and other bakery products.....	\$1,406,302	2.5	\$990,448	238.2	Foundry and machine-shop products.....	\$3,177,342	2.5	\$579,201	22.3
Confectionery and ice cream.....	1,098,493	6.5	937,895	584.0	Bread and other bakery products.....	2,622,671	4.7	1,747,071	199.5
Ice, manufactured.....	290,814	6.4	144,659	99.0	Shipbuilding, wooden, including boat building.....	2,325,733	28.4	(²)	.....
Printing, job.....	282,048	2.0	167,228	145.6	Soap.....	2,169,653	5.8	859,443	65.6
Foundry and machine-shop products.....	223,468	0.2	118,879	113.7	Boots and shoes.....	1,658,988	12.9	688,909	71.0
Gas, illuminating and heating.....					Tobacco, cigars.....	1,558,457	4.8	(²)	.....
Lumber, planing-mill products, not includ- ing planing mills connected with saw- mills.....	(²)	(²)	(²)	(²)	Chemicals.....	1,420,691	1.7	(²)	.....
Printing and publishing, newspapers and periodicals.....					Paints.....	1,399,201	7.0	(²)	.....
Slaughtering and meat packing.....					Bone and lamp black.....				
BAYONNE.					Canning and preserving, vegetables.....				
Chemicals.....	6,178,189	7.4	(²)	.....	Cars and general shop construction and re- pairs by steam-railroad companies.....				
Bread and other bakery products.....	868,628	1.0	497,451	134.0	Chocolate and cocoa products.....				
Clothing, women's.....	621,118	3.5	(²)	.....	Cleansing and polishing preparations.....				
Boxes, wooden packing, except cigar boxes.					Coffee, roasting and grinding.....				
Cooperage, hogsheds and barrels.....					Coke, not including gas-house coke.....				
Dyeing and finishing textiles, exclusive of that done in textile mills.....					Cork, cutting.....				
Electrical machinery, apparatus, and supplies.....					Drug grinding.....				
Food preparations, not elsewhere specified.					Dyeing and finishing textiles, exclusive of that done in textile mills.....				
Foundry and machine-shop products.....					Gas, illuminating and heating.....	(²)	(²)	(²)	(²)
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....					Iron and steel forgings, not made in steel works or rolling mills.....				
Oil, essential.....					Knit goods.....				
Oil, vegetable.....	(²)	(²)	(²)	(²)	Millinery and lace goods, not elsewhere specified.....				
Petroleum, refining.....					Oilcloth and linoleum, floor.....				
Shipbuilding, wooden, including boat building.....					Pens, steel.....				
Silk goods.....					Phonographs and graphophones.....				
Smelting and refining, metals, not else- where specified.....					Shipbuilding, steel.....				
Soap.....					Steam fittings and steam and hot-water heating apparatus.....				
Sulphuric, nitric, and mixed acids.....					Wool scouring.....				
Suspenders, garters, and elastic woven goods.....					EAST ORANGE.				
Tinware, not elsewhere specified.....					Electrical machinery, apparatus, and supplies.....	6,787,060	5.0	3,909,549	143.5
CAMDEN.					Bread and other bakery products.....	305,870	0.5	28,082	10.1
Leather, tanned, curried, and finished.....	24,993,370	32.0	17,265,012	223.3	Druggists' preparations.....				
Worsted goods.....	5,445,023	5.7	2,735,775	101.0	Foundry and machine-shop products.....	(²)	(²)	(²)	(²)
					Knit goods.....				

¹ A minus sign (—) denotes decrease.² Figures can not be shown without disclosing individual operations.

CITY AND INDUSTRY.	VALUE OF PRODUCTS.				CITY AND INDUSTRY.	VALUE OF PRODUCTS.				
	Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.			Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.		
			Amount.	Per cent.				Amount.	Per cent.	
ELIZABETH.					NEWARK—Continued.					
Oil, animal and composite.....	\$4,207,166	13.6	\$1,106,704	35.7	Clothing, men's.....	\$6,271,372	39.3	(2)	.....
Electrical machinery, apparatus, and sup- plies.....	3,345,518	2.8	(2)	.....	Clothing, women's.....	5,668,915	31.7	\$3,232,748	132.7
Foundry and machine-shop products.....	2,851,555	2.0	821,898	40.5	Stamped ware, not elsewhere specified.....	5,475,330	30.4	(2)	.....
Chemicals.....	1,680,055	2.0	931,723	124.5	Boots and shoes.....	5,331,339	41.4	(2)	.....
Bread and other bakery products.....	1,064,899	1.9	560,823	111.3	Tobacco, cigars and cigarettes.....	5,329,343	16.5	(2)	.....
Boot and shoe cut stock.....					Coffee, roasting and grinding.....					
Cars and general shop construction and re- pairs by steam-railroad companies.....					Cotton goods.....					
Furniture.....					Gas, illuminating and heating.....					
Liquors, malt.....	(2)	(2)	(2)	(2)	Gold and silver, reducing and refining, not from the ore.....	(2)	(2)	(2)	(2)	
Paper and wood pulp.....					Shipbuilding, steel, new vessels.....					
Sewing machines.....					Smelting and refining, copper.....					
Shipbuilding, steel.....					Upholstering materials, imitation leather and leatheroid.....					
Shirts.....										
Wire.....										
HOBOKEN.					PASSAIC.					
Foundry and machine-shop products.....	4,500,887	3.5	2,328,858	107.2	Worsted goods.....	51,274,660	53.9	(2)	.....
Bread and other bakery products.....	3,700,032	6.6	2,096,428	130.7	Cotton goods.....	20,656,890	9.6	(2)	.....
Furniture.....	2,947,994	27.4	1,563,695	113.0	Furnishing goods, men's.....	5,443,314	58.8	(2)	.....
Food preparations, not elsewhere specified.....	1,691,058	5.0	(2)	.....	Silk goods, including throwsters.....	4,965,919	8.5	(2)	.....
Baking powders.....					Foundry and machine-shop products.....	3,958,740	3.1	2,764,124	231.4	
Electrical machinery, apparatus, and sup- plies.....					Dyeing and finishing textiles, exclusive of that done in textile mills.....	3,739,265	4.7	(2)	.....
Instruments, professional and scientific.....	(2)	(2)	(2)	(2)	Millinery and lace goods, not elsewhere specified.....	1,033,648	4.2	108,605	11.8	
Leather, tanned, curried, and finished.....					Belting and hose, rubber.....					
Pencils, lead.....					Blacking, stains, and dressings.....					
Shipbuilding, steel, repair work only.....					Cars, steam-railroad, not including opera- tions of railroad companies.....					
Tin foil.....					Coal-tar products.....					
JERSEY CITY.					Electrical machinery, apparatus, and sup- plies.....	(2)	(2)	(2)	(2)	
Slaughtering and meat packing.....	78,236,075	71.0	53,001,039	210.0	Paper goods, not elsewhere specified.....					
Bread and other bakery products.....	12,201,220	21.9	9,618,678	372.5	Rubber tires, tubes, and rubber goods, not elsewhere specified.....					
Foundry and machine-shop products.....	10,486,063	7.8	7,413,652	241.3	Slaughtering and meat packing.....					
Tobacco, cigars and cigarettes.....	8,799,933	27.2	(2)	.....	Tinware, not elsewhere specified.....				
Cars and general shop construction and re- pairs by steam-railroad companies.....	7,729,037	26.2	6,160,412	395.6	Upholstering materials, imitation leather and leatheroid.....					
Electrical machinery, apparatus, and sup- plies.....	7,395,196	6.1	4,837,873	189.2						
Chemicals.....	7,023,242	8.4	4,683,349	200.2						
Millinery and lace goods, not elsewhere specified.....	3,898,898	15.9	3,104,325	390.7						
Confectionery and ice cream.....	3,695,997	21.9	2,110,156	133.1						
Food preparations, not elsewhere specified.....	3,653,788	10.9	(2)	.....					
Silk goods.....	3,377,846	1.6	1,002,998	42.2						
Brass and bronze products.....	3,350,864	23.3	1,249,468	59.5						
Paints.....	2,177,431	11.8	(2)	.....					
Bags, other than paper, not including bags made in textile mills.....										
Belting and hose, woven, other than rubber.....										
Chocolate and cocoa products.....										

⁶ Includes "iron and steel, tempering and welding" and "machine tools."

MANUFACTURES—NEW JERSEY.

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

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
	1919	1914	1909	Amount.			Per cent distribution.		
				1919	1914	1909	1919	1914	1909
Primary power, total.....	48,383	23,936	13,044	1,146,744	793,063	612,293	100.0	100.0	100.0
Owned.....	7,203	7,586	8,039	834,792	689,101	570,391	72.8	86.9	93.2
Steam ¹	5,593	5,868	6,378	781,434	642,608	529,848	68.1	81.0	86.6
Engines.....	5,133	(2)	(2)	573,463	(2)	(2)	50.0	.....	.....
Turbines.....	460	(2)	(2)	207,971	(2)	(2)	18.1	.....	.....
Internal-combustion engines.....	1,303	1,328	1,116	40,830	30,592	20,867	3.0	3.9	3.4
Turbines.....	304	390	545	12,528	15,901	19,070	1.1	2.0	3.2
Water.....	270	360	504	12,396	15,436	18,558	1.1	1.9	3.0
Water wheels and turbines.....	34	30	33	132	465	1,118	(2)	0.1	0.2
Water motors.....									
Rented.....	41,180	16,350	5,005	311,952	103,962	41,902	27.2	13.1	6.8
Electric.....	41,180	16,350	5,005	305,762	94,605	33,157	26.7	11.9	5.4
Other.....				6,190	9,357	8,745	0.5	1.2	1.4
Electric.....	77,762	37,793	17,145	724,153	352,206	182,475	100.0	100.0	100.0
Rented.....	41,180	16,350	5,005	305,762	94,605	33,157	42.2	26.9	18.2
Generated by establishments reporting.....	36,582	21,443	12,140	418,391	257,601	149,318	57.8	73.1	81.8

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

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....	3,581,497	6,701,052	693,592	6,527,011	96,370	1,969,277
Per cent of increase ²	4,085,925 —12.3	3,936,555 70.2	444,749 56.0	1,629,268 806.5	(1) (1)	1,231,745 59.9
Aluminum manufactures.....	363	14,967	730	10,131	10	2,110
Ammunition.....	6,100	14,989	.....	4,014	.....	878
Automobile bodies and parts.....	3,721	15,688	30	12,285	589	9,880
Belting and hose, rubber.....	25,200	19,035	.....	.....	1,020	1,245
Boots and shoes, not including rubber boots and shoes.....	4,578	6,656	.....	.....	3	3,038
Brass, bronze, and copper products.....	7,584	17,596	5,450	31,235	125	7,697
Bread and other bakery products.....	102,342	15,159	5,200	143	1,280	46,002
Brick and tile, terra-cotta, and fire-clay products.....	20,258	199,878	3,700	8,397	262	12
Cars and general shop construction and repairs by steam-railroad companies.....	75,040	77,239	.....	10,697	99	17
Cement.....	22,014	333,791	.....	.....	152	.....
Chemicals.....	283,265	221,877	8,180	61,805	5,699	16,987
Coal-tar products.....	45,472	265,140	195	76,647	205	22,951
Confectionery and ice cream.....	6,399	19,236	263	571	579	21,074
Cordage and twine.....	23,222	2,725	.....	.....	.....	.....
Cotton goods.....	64,638	50,164	51	4,180	71	3,157
Dyeing and finishing textiles, exclusive of that done in textile mills.....	279,258	179,487	194	15,941	1,112	85,018
Electrical machinery, apparatus, and supplies.....	52,844	120,300	721	26,058	9,317	224,893
Engines, steam, gas, and water.....	1,252	18,707	321	2,015	1,197	8,829
Explosives.....	10,582	242,113	.....	972	.....	.....
Fertilizers.....	5,545	47,276	527	987	195	.....
Files.....	5,334	20,807	204	13,020	.....	4,276
Flour-mill and gristmill products.....	1,032	19,330	.....	221	843	4,017
Food preparations, not elsewhere specified.....	36,965	11,196	1,024	2,890	443	19,386
Foundry and machine-shop products.....	37,134	196,643	51,072	73,657	2,903	40,576
Gas and electric fixtures.....	2,998	10,337	192	454	110	47,612
Gas, illuminating and heating.....	151,379	100,905	107,560	1,023,324	5,554	.....
Glass.....	2,556	168,002	2,296	134,943	289	45,245
Grease and tallow, not including lubricating greases.....	7,390	9,448	.....	.....	40	6
Hats, fur-felt.....	14,954	13,998	1,089	3,600	1	1,991
Ice, manufactured.....	53,119	92,057	414	3,379	46	.....
Iron and steel, steel works and rolling mills.....	35,634	392,985	3,357	430,771	293	1,800
Iron and steel, cast-iron pipe.....	16,751	21,067	32,255	10	50	.....
Iron and steel, forgings, not made in steel works or rolling mills.....	954	22,657	10,222	54,979	60	645
Iron and steel, wrought pipe.....	9,260	6,609	432	7,040	225	2,640
Leather, tanned, curried, and finished.....	15,033	76,704	2,302	49	12	130
Liquors, malt.....	61,672	27,310	1,203	.....	2,101	140
Locomotives, not made by railroad companies.....	9,978	6,543	700	15,528	.....	.....
Lumber, planing-mill products, not including planing mills connected with saw-mills.....	4,410	5,004	339	5,052	1,914	5,009
Machine tools.....	1,887	10,585	1,855	1,025	52	80
Minerals and earths, ground or otherwise treated.....	4,678	18,339	.....	.....	96	60
Oil, not elsewhere specified.....	30,333	20,094	119	2,901	255	210
Oilcloth and linoleum, floor.....	17,459	75,254	1,263	.....	.....	.....

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

MANUFACTURES—NEW JERSEY.

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
Paints.....	1,708	48,291	1,664	3,380	64	68,707
Paper and wood pulp.....	129,058	120,959	522	51,235	112	.....
Patent medicines and compounds.....	18,338	23,864	.....	352	2	721
Paving materials.....	19,648	35,600	58	9,744	250	.....
Petroleum, refining.....	632,960	174,163	127,258	3,680,753	7,275	17,198
Phonographs and graphophones.....	28,708	57,678	.....	1,573	84	9,519
Pottery.....	28,078	145,964	100	5,139	177	479
Roofing materials.....	16,169	6,698	386	191	220	45,610
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	43,853	183,375	825	33,321	2,235	539
Shipbuilding, steel.....	19,475	157,243	14,286	109,847	30,058	23,188
Shipbuilding, wooden, including boat building.....	2,508	8,016	14	112	341	927
Silk goods, including throwsters.....	62,853	22,131	383	562	694	2,947
Slaughtering and meat packing.....	52,474	41,685	3,087	200	300	2,448
Smelting and refining, copper.....	126,271	291,325	57,879	118,304	248	708,453
Soap.....	77,733	6,651	.....	.....	.....	72
Sugar, refining, not including beet sugar.....	18,176	154,193	180	132,157	.....	.....
Sulphuric, nitric, and mixed acids.....	39,168	14,752	35	34,355	.....	.....
Upholstering materials, not elsewhere specified.....	5,536	4,667	130	1,953	.....	.....
Varnishes.....	5,117	6,251	1,931	1,707	36	66
Wire.....	2,350	193,189	2,005	33,956	262	2,934
Wirework, including wire rope and cable, not elsewhere specified.....	1,143	8,706	315	1,467	651	3,646
Woolen goods.....	18,092	300	.....	1,080	.....	.....
Worsted goods.....	99,302	100,572	.....	121	253	1,982
All other industries.....	571,892	1,686,682	239,065	265,660	15,006	452,421
Total for cities.....	2,381,423	3,535,389	541,716	4,389,576	80,722	1,665,055
ASBURY PARK.....	1,014	1,767	.....	.....	.....	40
ATLANTIC CITY.....	18,000	13,857	17	57,468	24	10,141
BAYONNE.....	524,363	149,069	154,289	1,763,194	11,918	65,718
BELLEVEILLE.....	2,590	15,340	1,201	19,723	2	847
BLOOMFIELD.....	23,020	22,622	318	11,829	481	14,087
BRIDGETON.....	462	39,001	2,157	30,187	434	4,540
CAMDEN.....	120,928	624,467	31,896	158,098	3,080	46,584
CLIFTON.....	31,683	19,282	468	215	512	4,439
EAST ORANGE.....	9,877	3,464	549	191	397	29,673
ELIZABETH.....	134,284	259,766	14,109	137,153	672	63,514
ENGLEWOOD.....	4,465	1,776	.....	.....	.....	2,314
GARFIELD.....	87,126	13,550	.....	21,394	.....	4,661
GLOUCESTER.....	691	42,963	1,633	3,005	294	68,065
HACKENSACK.....	6,715	1,001	.....	.....	12	.....
HARRISON.....	41,040	181,938	8,195	122,035	132	121,668
HOBOKEN.....	26,189	56,845	3,744	7,002	972	17,339
IRVINGTON.....	11,851	14,788	12,191	2,069	60	9,315
JERSEY CITY.....	297,903	283,405	64,572	827,675	10,635	97,675
KEARNY.....	66,130	85,490	11,092	19,646	28,028	4,155
LONG BRANCH.....	5,585	4,407	300	23,458	4	1,510
MILLVILLE.....	1,140	85,115	166	32,055	294	8,972
MONTCLAIR.....	6,625	125	6	.....	8,100	2,089
MORRISTOWN.....	4,527	30	12	.....	20	792
NEW BRUNSWICK.....	11,721	69,666	241	2,541	907	20,377
NEWARK.....	333,808	444,843	158,507	452,637	6,797	268,314
ORANGE.....	16,469	7,128	461	.....	68	260
PASSAIC.....	141,964	109,299	1,752	47,835	416	11,883
PATERSON.....	244,248	65,186	4,063	166,339	1,333	30,305
PERTH AMBOY.....	82,809	342,222	80,178	99,766	62	713,645
PHILLIPSBURG.....	18,400	62,688	11,268	30,789	55	824
PLAINFIELD.....	1,704	24,610	1,893	14,674	3,140	3,180
RAILWAY.....	711	13,647	77	15,108	4	1,889
TRENTON.....	50,467	387,177	25,724	318,147	1,042	16,866
UNION.....	15,425	1,617	.....	136	16	3,606
WEST HOBOKEN.....	5,018	12,550	3	6	2	5,043
WEST NEW YORK.....	28,734	7,503	100	3,176	416	2,985
ALL OTHER CITIES ¹	3,097	87,205	414	2,045	384	8,340

¹ All other cities comprise Roosevelt, Summit, and West Orange.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for 15 of these industries in New Jersey are here presented.

Textiles (Table 19).—The following table shows for New Jersey the total value of products of all textiles combined, and the different important branches of manufacture, with value of products for each in 1919, 1914, and 1909:

TABLE 19.—TEXTILES: 1919, 1914, AND 1909.

INDUSTRY.	VALUE OF PRODUCTS.		
	1919	1914	1909
Total ¹	\$467, 195, 941	\$165, 841, 774	\$143, 347, 053
Silk goods, including throwsters.....	215, 050, 560	75, 706, 449	65, 429, 550
Wool manufactures.....	108, 214, 461	38, 493, 312	35, 883, 854
Woolen, worsted, and felt goods, and wool-felt hats.....	102, 302, 296	36, 268, 561	33, 938, 637
Carpets and rugs, other than rag.....	5, 912, 168	2, 224, 751	1, 945, 217
Cotton manufactures, including cotton goods, cotton lace, and cotton small wares.....	60, 475, 426	16, 782, 164	13, 728, 874
Oilcloth and linoleum.....	25, 634, 730	11, 384, 311	10, 142, 596
Knit goods.....	23, 853, 075	7, 849, 556	3, 810, 241
Cordage and twine, jute goods, and linen goods.....	17, 442, 320	7, 656, 638	5, 526, 721
Hats, fur-felt.....	16, 625, 357	7, 969, 344	8, 825, 217

¹ Exclusive of wool shoddy, to avoid disclosing individual operations; 2 establishments, 1919; 3 establishments, 1914; and 5 establishments, 1909.

In 1919 there were 917 textile establishments in New Jersey, giving employment to an average of 71,447 wage earners for the year. The manufacture of textiles was of primary importance among the industries of the state, as measured by value of products, and New Jersey ranked fourth among the states in the value of textile products, reporting 9 per cent of the total. Separate statistics covering each of the important branches of textile manufactures for the state are shown in detail on the following pages.

Machinery used in textile mills (Table 20).—The different kinds of machines, the use of which is considered by the textile industries as best indicating the trend of manufacturing, are shown in detail for several branches of textile manufactures in New Jersey for 1919, 1914, and 1909.

The increase of 26.1 per cent in looms used in cotton manufactures, in spite of the 4.4 per cent decrease in spindles during the ten-year period 1909 to 1919, is due chiefly to developments in the manufacture of tire duck, for which New Jersey purchases large quantities of yarns for weaving. There was a general increase in the total number of spindles and of machines used in the woolen, worsted, and felt goods, and wool-felt hat industries; for the decade the producing spindles increased 28.4 per cent,

looms 15.1 per cent, sets of woolen cards 22.9 per cent, and wool-combing machines 38.9 per cent in number. The silk-goods industry, including throwsters, made increases during the same period in both spindles and looms, amounting to 21.7 and 32.6 per cent, respectively. For the knit-goods industry the number of knitting machines showed a notable increase for the ten-year period presented in the table—228.3 per cent—and the few spindles and cards that were used at prior censuses became obsolete.

TABLE 20.—MACHINERY USED IN TEXTILE MILLS: 1919, 1914, AND 1909.

MACHINE.	Cen- sus year.	Total.	Cotton goods, cotton lace, and cotton small wares.	Woolen, worsted, and felt goods, and wool- felt hats.	Silk goods, includ- ing throw- sters.	Knit goods.
Producing spindles (not including twisting and doubling spindles).	1919 1914 1909	982, 591 945, 070 894, 520	402, 263 443, 938 420, 784	296, 207 280, 502 230, 714	284, 121 213, 327 233, 440	..... 7, 303 9, 582
Looms.....	1919 1914 1909	¹ 48, 345 36, 290 37, 287	4, 265 2, 800 3, 381	5, 745 5, 709 4, 991	¹ 38, 335 27, 781 28, 915	...............
Knitting machines.....	1919 1914 1909	² 4, 898 3, 496 1, 492	..... ..... .....	..... ..... .....	..... ..... .....	² 4, 898 3, 496 1, 492
Woolen cards (sets).....	1919 1914 1909	161 190 163	..... ..... .....	161 169 131	..... ..... .....	..... 21 32
Wool-combing machines.	1919 1914 1909	368 349 205	..... ..... .....	368 349 265	...............	...............

¹ Includes 3,654 looms idle entire year.

² Includes 275 knitting machines idle entire year.

Silk manufactures (Table 21).—The statistics presented for this industry were compiled from returns received from textile mills engaged in the manufacture of cloth and other finished textile products, and from independent establishments doing throwing and winding, either on their own account or for others on a commission basis.

At the census of 1919 New Jersey ranked second among the states in the value of silk textile manufactures. With 686 establishments, over one-half the total for the United States, the silk mills in this state gave employment to an average of 32,326 wage earners in 1919.

Raw silk was the principal item of cost among the materials used, and in 1919 formed 52.4 per cent of the total. From 1909 to 1919 the quantity of raw silk used increased 30.3 per cent, while thrown silk yarns, the material second in importance in cost, showed an increase of 206.4 per cent in quantity.

The following table relates to the quantity and cost of the principal materials and the quantity and value of the most important products of the industry in New Jersey in 1919, 1914, and 1909:

TABLE 21.—SILK MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$123,441,248	\$40,882,865	\$33,265,177
Silk:			
Raw—			
Pounds.....	7,966,034	6,891,603	6,112,647
Cost.....	\$64,680,504	\$26,613,777	\$23,705,609
Spun—			
Pounds.....	724,068	501,912	244,617
Cost.....	\$4,149,060	\$1,198,296	\$628,027
Artificial—			
Pounds.....	555,728	487,887	103,148
Cost.....	\$2,935,363	\$923,675	\$197,208
Organzine, tram, and hard crêpe twist—			
Pounds.....	3,504,601	1,471,594	1,143,754
Cost.....	\$37,364,340	\$6,154,447	\$4,899,843
Yarns, other than silk:			
Cotton (not mercerized)—			
Pounds.....	1,877,056	2,975,046	1,889,158
Cost.....	\$1,824,310	\$1,087,780	\$781,061
Mercerized cotton—			
Pounds.....	761,122	352,340	490,307
Cost.....	\$1,123,817	\$313,104	\$390,198
Woolen or worsted—			
Pounds.....	52,782	390,383	69,169
Cost.....	\$179,042	\$450,763	\$106,333
Other—			
Pounds.....	129,749	169,767	122,303
Cost.....	\$349,061	\$139,822	\$170,009
Fuel and rent of power, cost.....	\$1,084,470	\$629,687	\$537,514
All other materials, cost.....	\$9,750,381	\$3,371,514	\$1,849,875
PRODUCTS.			
Total value.....	\$215,050,560	\$75,706,449	\$65,429,550
Broad silks:			
Yards.....	108,547,532	60,163,010	64,788,199
Value.....	\$147,569,327	\$48,020,187	\$43,167,205
All silk—			
Yards.....	99,483,146	52,019,169	52,403,047
Value.....	\$133,227,850	\$36,905,379	\$35,553,705
In the gray—			
Yards.....	38,060,437	(1)	(1)
Value.....	\$43,682,733	(1)	(1)
Piece-dyed and printed—			
Yards.....	36,980,499	² 21,243,002	² 4,763,872
Value.....	\$50,970,277	² \$14,648,800	² \$3,200,166
Yarn-dyed, including warp-printed—			
Yards.....	24,442,210	² 30,895,567	² 47,639,175
Value.....	\$38,674,840	² \$22,256,480	² \$32,353,539
Silk-mixed—			
Yards.....	9,064,886	17,113,841	12,385,152
Value.....	\$14,341,477	\$11,114,808	\$7,613,500
In the gray—			
Yards.....	434,643	(1)	(1)
Value.....	\$738,285	(1)	(1)
Piece-dyed and printed—			
Yards.....	3,016,693	² 8,269,269	² 3,684,320
Value.....	\$6,108,087	² \$5,171,512	² \$1,834,553
Yarn-dyed, including warp-printed—			
Yards.....	4,712,850	² 8,844,572	² 8,800,823
Value.....	\$7,499,205	² \$5,943,296	² \$6,778,647
Organzine, tram, and hard crêpe twist:			
Pounds.....	1,813,315	874,053	266,458
Value.....	\$15,912,324	\$3,058,454	\$1,240,406
Ribbons, value.....	\$30,342,220	\$17,924,186	\$14,071,005
Laces, nets, veils, veillings, etc., value.....	\$2,031,122	\$650,694	\$531,923
Braids and bindings, value.....	\$822,355	(3)	(3)
All other products, value.....	\$9,864,558	\$4,301,360	\$3,082,438
Amount received for contract work, value.....	\$8,508,654	\$1,061,628	\$2,436,573
Silk thrown on commission, pounds.....	2,252,631	1,790,504	2,661,205
Into organzine, pounds.....	693,900	693,593	813,906
Into tram, pounds.....	1,063,788	1,097,001	1,847,299
Into hard crêpe twist, pounds.....	494,943	(1)	(1)

¹ Not reported separately.² Includes some gray goods.³ Included in "All other products."

Broad silks were the principal product of the silk mills in New Jersey, and in 1919 constituted 68.6 per cent of the total value of products for this industry in the state. The total quantity of broad silks increased 67.5 per cent from 1909 to 1919, due to the increase of 89.8 per cent in all-silk broad goods, since

the quantity of silk-mixed broad goods decreased 26.8 per cent during this period. Ribbons was the item second in importance for the industry in New Jersey, according to value, although this product represented only 14.1 per cent of the total value of all products. There has been a continued increase in the quantity of yarns thrown for sale from purchased raw silk, which amounted to 580.5 per cent for the decade; the quantity of yarns thrown on commission, however, shows a slight decrease for the same period—15.4 per cent.

Wool manufactures (Table 22).—The following table shows in detail for New Jersey the quantity and cost of the materials used in wool manufactures, together with the quantity and value of the principal products for the census years 1919, 1914, and 1909.

Wool manufactures comprise a group of industries using wool as a basic material in the manufacture of woollen, worsted, and felt goods, carpets and rugs, and wool-felt hats.

Raw wool formed 52.9 per cent of the total cost of all materials. In 1919 the raw wool consumed in the mills of New Jersey was largely for the production of fabrics to be used in the manufacture of clothing. During the ten years shown in the table there was a notable tendency toward the use of foreign wools rather than domestic; the quantity of foreign wool used increased 73.5 per cent, while domestic decreased 9.4 per cent. Purchased yarns, which consisted principally of worsted, formed an important part of the materials, although the quantity of worsted yarn purchased and used in 1919 was less than in either 1909 or 1914. Woollen yarn made an appreciable gain in quantity, 230.9 per cent, during the decade.

In the group of wool manufactures referred to, the worsted-goods industry reported products (see Table 42) to the value of \$95,115,024, or 87.9 per cent of the value of products for the entire group for the state in 1919. Woven goods, not including carpets and rugs, represented the principal product of wool manufactures, with worsted fabrics leading at each census shown in the table. The trend of the industry is toward the manufacture of woollens instead of worsteds. In 1909 the production in square yards of woollens was approximately one-fifth that of worsteds, increasing to nearly one-fourth in 1914 and more than one-half in 1919.

Worsted yarn, for sale, was second in importance among the products of wool manufactures, and for the year 1919 represented 22.6 per cent of the total value of products. The quantity for this item was less in 1919 than at either of the two previous census years, showing a decrease of 19.8 per cent for the decade.

TABLE 22.—WOOL MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$58,918,190	\$24,422,336	\$21,930,394
Wool:			
In condition purchased—			
Pounds.....	52,137,136	50,400,202	44,922,157
Cost.....	\$31,187,153	\$11,833,474	\$11,820,250
Domestic—			
Pounds.....	28,173,174	32,602,750	31,109,309
Cost.....	\$15,418,034	\$7,002,031	\$6,890,485
Foreign—			
Pounds.....	23,963,962	17,797,452	13,812,848
Cost.....	\$15,769,119	\$4,831,443	\$4,929,765
Equivalent in scoured condition,			
pounds.....	27,918,168	28,471,130	22,914,674
Mohair, camel, alpaca, and vicuna hair:			
Pounds.....	324,900	47,841	35,722
Cost.....	\$384,198	\$31,478	\$13,250
Other animal hair:			
Pounds.....	4,568,077	1,563,001	2,694,355
Cost.....	\$376,196	\$89,533	\$78,647
Rags, clippings, etc.:			
Pounds.....	1,397,173	1,061,037	1,051,906
Cost.....	\$207,510	\$48,576	\$42,276
Waste and nolls of wool, mohair, etc.:			
Pounds.....	2,109,377	6,160,433	1,586,752
Cost.....	\$1,430,083	\$1,227,346	\$557,593
Tops:			
Pounds.....	604,455	869,122	578,579
Cost.....	\$1,110,273	\$523,280	\$358,117
Yarns, purchased:			
Woolen—			
Pounds.....	2,542,841	1,114,365	768,495
Cost.....	\$2,922,393	\$423,068	\$274,219
Worsted—			
Pounds.....	5,229,676	7,066,772	6,240,943
Cost.....	\$14,044,023	\$5,988,147	\$6,011,147
Cotton—			
Pounds.....	2,087,080	1,200,908	1,702,805
Cost.....	\$926,702	\$250,600	\$345,482
Silk and spun-silk—			
Pounds.....	40,964	22,721	6,122
Cost.....	\$256,640	\$101,938	\$31,284
All other yarns—			
Pounds.....	1,896,117	2,159,581	1,407,129
Cost.....	\$399,496	\$237,655	\$115,564
Chemicals and dyestuffs, cost.....	\$1,577,125	\$543,470	\$515,607
Fuel and rent of power, cost.....	\$1,219,570	\$489,376	\$417,028
All other materials, cost.....	\$2,870,228	\$2,583,489	\$1,343,930
PRODUCTS.			
Total value.....	\$108,214,464	\$38,493,312	\$35,883,854
Woven goods: ¹			
Pounds.....	14,637,997	(²)	(²)
Square yards.....	32,112,960	40,061,503	30,009,089
Value.....	\$68,837,052	\$22,873,299	\$20,284,049
All-wool woven goods—			
Pounds.....	12,342,366	(²)	(²)
Square yards.....	29,575,885	36,464,187	26,793,087
Value.....	\$65,854,653	\$21,434,793	\$18,921,354
Woolen suitings, overcoatings,			
and dress goods—			
Pounds.....	5,153,407	(²)	(²)
Square yards.....	9,983,938	7,078,897	4,841,944
Value.....	\$27,202,096	\$3,077,452	\$4,222,487
Worsted suitings, overcoatings,			
and dress goods—			
Pounds.....	7,188,959	(²)	(²)
Square yards.....	19,591,047	29,361,290	21,886,943
Value.....	\$38,652,557	\$17,724,341	\$14,650,635
All other—			
Pounds.....	(²)	(²)	(²)
Square yards.....	(²)	24,000	64,200
Value.....	(²)	\$33,000	\$48,232
Union or cotton-mixed woven			
goods—			
Pounds.....	204,316	(²)	(²)
Square yards.....	363,854	(²)	238,417
Value.....	\$408,600	(²)	\$108,962
Cotton-warp woven goods—			
Pounds.....	2,091,315	(²)	(²)
Square yards.....	2,173,221	3,627,321	2,977,585
Value.....	\$2,573,739	\$1,438,506	\$1,233,733
Carpets and rugs:			
Pounds.....	5,223,101	(²)	(²)
Square yards.....	1,618,956	1,793,020	2,194,549
Value.....	\$5,689,123	\$2,224,751	\$1,892,986
Felt goods:			
Pounds.....	4,235,575	(²)	(²)
Square yards.....	6,171,697	(²)	(²)
Value.....	\$1,949,033	(²)	(²)
Wool-felt hats:			
Dozens.....	10,050	(²)	(²)
Value.....	\$17,670	(²)	(²)
Worsted yarn, for sale:			
Pounds.....	8,991,223	12,718,906	11,204,625
Value.....	\$24,428,314	\$11,189,911	\$11,565,331
Worsted tops and slubbing:			
Pounds.....	128,953	350,123	47,495
Value.....	\$255,121	\$229,410	\$28,298
Nolls:			
Pounds.....	2,100,275	2,216,080	1,628,352
Value.....	\$1,813,265	\$668,074	\$538,740
Waste:			
Pounds.....	4,066,697	4,066,348	2,111,639
Value.....	\$1,613,308	\$629,869	\$523,799
All other products, value.....	\$3,611,578	\$677,998	\$995,651

¹ Exclusive of carpets and rugs and felt goods. ² Not reported in 1914 and 1909.

Cotton manufactures (Table 23).—Cotton manufactures embraces a group of industries using cotton as a basic material in the manufacture of cotton goods, cotton lace, and cotton small wares.

The quantity and cost of the principal materials and the quantity and value of the chief products of the three industries combined are shown for New Jersey in the following table for 1919, 1914, and 1909:

TABLE 23.—COTTON MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$41,431,994	\$10,115,534	\$8,564,733
Cotton:			
Pounds.....	17,250,747	21,722,741	18,400,527
Cost.....	\$7,168,440	\$3,830,841	\$3,113,446
Cotton yarn, purchased:			
Pounds.....	28,046,931	12,240,169	10,451,910
Cost.....	\$23,834,892	\$4,675,353	\$4,206,668
Starch, cost.....	\$61,264	\$54,134	\$33,040
Chemicals and dyestuffs, cost.....	\$82,875	\$182,037	\$111,385
Fuel and rent of power, cost.....	\$775,352	\$288,766	\$199,252
All other materials, cost.....	\$9,509,171	\$1,084,403	\$900,042
PRODUCTS.			
Total value.....	\$60,475,426	\$16,782,164	\$13,728,874
Woven goods (over 12 inches in width):			
Pounds.....	33,828,485	(¹)	(¹)
Square yards.....	55,136,045	41,313,074	40,196,417
Value.....	\$41,229,203	\$6,758,451	\$5,319,995
Tire duck: ²			
Pounds.....	24,966,174	(¹)	(¹)
Square yards.....	22,441,049	9,641,288	5,747,008
Value.....	\$33,318,980	\$4,401,880	\$2,318,134
Toweling and terry weaves—			
Pounds.....	3,262,534	(¹)	(¹)
Square yards.....	8,852,451	835,862	10,103,237
Value.....	\$2,326,624	\$239,882	\$630,614
Other woven goods (over 12 inches			
in width)—			
Pounds.....	5,509,777	(¹)	(¹)
Square yards.....	23,842,545	30,836,824	24,346,202
Value.....	\$5,583,599	\$2,116,080	\$2,371,247
Cotton lace and net goods, value.....	\$942,777	\$384,041	(³)
Cotton small wares, value.....	\$754,082	(³)	(³)
Yarns, for sale:			
Pounds.....	2,834,375	3,723,938	4,926,844
Value.....	\$4,370,701	\$1,400,207	\$1,810,075
Cotton waste, for sale:			
Pounds.....	5,208,997	4,086,501	3,569,041
Value.....	\$509,348	\$337,725	\$211,347
All other products, value.....	\$12,669,315	\$7,881,680	\$6,387,457

¹ Not reported in 1914 and 1909.² Figures for 1914 and 1909 include all types of duck.³ Not reported separately.

The increased production of tire duck has influenced the purchase of large quantities of cotton yarn. More than one-half of the total cost of materials in 1919 was expended for cotton yarn, and for the 10 years, 1909 to 1919, an increase of 174.1 per cent in quantity is shown for this material.

In 1919 a large share of the value of products, or 68.2 per cent, consisted of woven goods, 80.8 per cent of which was the value of tire duck. Yarns, for sale, showed a decrease of 42.5 per cent from 1909 to 1919 in the number of pounds produced, and cotton waste, for sale, increased 48.5 per cent in quantity during the same period.

Knit goods (Table 24).—The following table gives the quantity and cost of materials and the quantity and value of products for the knit-goods industry for New Jersey for the census years 1919, 1914, and 1909.

TABLE 24.—KNIT GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$15,349,898	\$3,335,422	\$1,825,878
Yarn, purchased:			
Pounds.....	5,795,480	3,346,092	2,999,970
Cost.....	\$12,494,521	\$2,493,302	\$1,354,208
Cotton—			
Pounds.....	4,134,884	2,393,184	2,264,614
Cost.....	\$4,774,526	\$928,819	\$620,882
Woolen—			
Pounds.....	70,109	195,572	154,248
Cost.....	\$137,290	\$134,473	\$113,150
Worsted—			
Pounds.....	391,736	441,467	338,566
Cost.....	\$1,091,747	\$378,122	\$350,746
Merino—			
Pounds.....	1 67,318	43,341	35,139
Cost.....	\$119,390	\$20,333	\$20,316
Silk and spun-silk—			
Pounds.....	354,448	232,019	57,403
Cost.....	\$3,268,261	\$954,690	\$231,114
All other—			
Pounds.....	777,005	40,509	150,000
Cost.....	\$3,103,307	\$76,865	\$12,000
Chemicals, cost.....	\$11,608	\$301,703	\$102,941
Fuel and rent of power, cost.....	\$130,318	\$76,203	\$39,254
All other materials, cost.....	\$2,713,453	\$404,214	\$329,475
PRODUCTS.			
Total value.....	\$23,853,075	\$7,849,556	\$3,810,241
Hose and half hose:			
Dozen pairs.....	2,812,652	855,252	850,932
Value.....	\$16,700,728	\$3,676,773	\$1,603,231
Cotton—			
Dozen pairs.....	1,175,459	364,407	752,452
Value.....	\$2,758,786	\$468,880	\$735,731
Silk and silk-mixed—			
Dozen pairs.....	1,584,846	487,565	(2)
Value.....	\$13,704,487	\$3,193,123	(2)
All other—			
Dozen pairs.....	52,347	3,190	98,480
Value.....	\$246,455	\$14,770	\$867,500
Underwear:			
Dozens.....	155,560	248,045	187,357
Value.....	\$1,233,653	\$778,363	\$333,371
Sweaters, cardigan jackets, and jerseys:			
Dozens.....	34,234	68,098	70,772
Value.....	\$2,051,686	\$1,278,955	\$987,559
All other products, value.....	\$3,858,008	\$2,115,465	\$386,080

¹ Includes 42,000 pounds of woolen and 25,318 pounds of worsted merino yarn.

² Included in "All other products," to avoid disclosure of individual operations.

There has been considerable progress made in the knit-goods industry in New Jersey since 1909. The number of establishments increased from 37 in 1909 to 62 in 1914 and to 90 in 1919. Purchased yarn was the principal material used in the manufacture of knit goods, and in 1919 formed 81.4 per cent of the total cost of materials. The quantity of such yarns showed an increase of 93.2 per cent during the ten-year period 1909 to 1919.

Over two-thirds of the total value of products in 1919 consisted of hosiery, 82 per cent of which was composed of silk, and silk mixed with wool or other yarns. In 1919 the production of cotton hosiery ranked second in number of dozen pairs, although the value was only 16.5 per cent of the total value for all kinds of hosiery. Small amounts of underwear and of fancy knit goods—sweaters, jerseys, etc.—were a part of the products of the industry and in 1919 formed 5.2 and 8.6 per cent, respectively, of the total value of products.

Hats, fur-felt (Table 25).—The following table gives the quantity and cost of the principal materials used and the quantity and value of fur-felt hats produced by the fur-felt hat industry of New Jersey during the census years 1919, 1914, and 1909:

TABLE 25.—HATS, FUR-FELT: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$8,235,166	\$3,708,042	\$4,111,568
Hatters' fur:			
Pounds.....	1,169,623	1,327,918	1,817,020
Cost.....	\$5,290,035	\$1,690,520	\$2,115,407
Fur-felt hat bodies and hats in the rough:			
Dozens.....	24,994	58,256	29,156
Cost.....	\$232,695	\$186,901	\$153,215
Chemicals and dyestuffs, cost.....	\$201,322	\$104,889	\$122,909
All other materials, cost.....	\$2,511,114	\$1,725,732	\$1,720,037
PRODUCTS.			
Total value.....	\$16,625,357	\$7,969,344	\$8,825,217
Fur-felt hats:			
Dozens.....	460,671	496,423	579,596
Value.....	\$15,829,690	\$7,149,716	\$8,121,205
All other products, including contract work, value.....	\$795,727	\$819,628	\$704,012

In 1919 New Jersey ranked fourth among the states in the production of fur-felt hats, the value of this product being 20.1 per cent of the total value for the fur-felt hat industry of the United States.

The principal material of the industry, hatters' fur, and the product, fur-felt hats, have diminished in quantity at each succeeding census from 1909, the decreases for the decade being 35.6 and 20.5 per cent, respectively.

Shipbuilding, including boat building (Tables 26 and 27).—This classification includes the building and repairing of steel and wooden vessels and small craft, and the manufacture of masts, spars, oars, and rigging. The number and tonnage of all vessels launched in 1919, 1916, and 1914 are shown, by classes, in the following table:

TABLE 26.—SHIPBUILDING—NUMBER AND GROSS TONNAGE: 1919, 1916, AND 1914.

	1919		1916		1914	
	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.
Vessels of 5 gross tons and over, launched during the year.....	180	608,843	75	33,752	85	57,864
Steel.....	156	603,039	11	26,047	10	45,256
Steam.....	156	603,039	5	20,321	6	41,182
Unrigged.....			6	5,726	4	4,074
Wooden.....	24	5,804	64	7,705	55	12,608
Steam.....	4	504	1	10		
Motor.....	16	785	43	997	20	267
Sail, with auxiliary power.....			2	25	2	1,150
Sail, without auxiliary power.....			4	1,488	2	40
Unrigged.....	4	4,515	14	5,185	31	11,151
Power boats of less than 5 gross tons.....	130		187		477	

While there was a slight increase in the number of vessels launched during the two-year period from 1914 to 1916, there was a decrease in the gross tonnage. The three-year period from 1916 to 1919 presents an entirely new condition. It shows such an abnormal increase in number of vessels and gross tonnage launched as to render comparisons of little value.

The 608,843 gross tonnage launched in 1919 was 575,091 greater than was launched in 1916 and 550,979 greater than that reported for 1914. There were launched at Newark in 1919, 107 steel vessels aggregating 450,574 gross tons, which is the largest tonnage launched at any one place in the United States for that year. At Camden and Elizabeth there were launched 41 steel vessels aggregating 98,457 gross tonnage, as compared with 11 vessels and 26,047 gross tonnage in 1916. At Gloucester 8 steel vessels were launched with an average tonnage of 6,751 each. Over 86 per cent of the entire number of vessels launched during 1919 were of iron and steel, propelled by steam, and, for the most part equipped with oil burners. One hundred and sixteen of these vessels were for freight service; 20 were ocean-going tugs, most of them built for the Emergency Fleet Corporation. There were also launched 4 oil tankers and 13 destroyers, the latter built for the Navy Department, and 3 freight and passenger steamers, each of 13,500 gross tonnage.

The value of work done upon vessels of all kinds during 1919, 1916, and 1914 is shown in the following table:

TABLE 27.—SHIPBUILDING—VALUE OF WORK DONE: 1919, 1916, AND 1914.

	1919	1916	1914
Total value of work.....	\$238,014,650	\$20,311,529	\$11,860,965
Work done during the year on new vessels of 5 gross tons and over.....	200,834,390	9,203,470	7,005,783
Steel.....	199,913,612	8,514,536	6,636,648
Wood.....	920,778	688,934	369,135
Boats of less than 5 tons.....	400,150	301,100	471,917
Power boats of all kinds.....	318,188	278,782	443,020
Sailboats, rowboats, etc.....	81,962	22,318	28,898
Repair work.....	33,033,984	8,313,981	4,206,315
Steel.....	26,285,869	3,568,853	2,550,920
Wood.....	6,748,065	4,745,128	1,646,395
Masts, spars, etc.....	51,155	19,751	17,739
All other products.....	3,095,030	2,473,227	159,211

The chemical industries (Table 28).—This table gives the statistics for chemicals for 1919, 1914, and 1909. The production comprises all products reported by 131 establishments engaged primarily in the manufacture of chemicals, including 48 establishments producing products chiefly of coal-tar origin, and 5 establishments making sulphuric, nitric, and mixed acids as their chief products, aggregating in value \$131,578,413; and also chemicals to the value of \$10,816,201 manufactured by establishments included under other industry classifications.

In 1914 there were 70 establishments in the industrial group, and in 1909, 56 establishments. There was an increase of 278 per cent in the value of all products for the period 1914 to 1919 and 42 per cent for the period 1909 to 1914.

Development of the coal-tar industry is a matter of special interest. In 1909 the production of coal-tar

products amounted to \$852,059; in 1914 there were 5 establishments reporting products to the value of \$1,563,937; whereas in 1919 there were 48 establishments manufacturing coal-tar chemicals as their products of chief value, which reported products aggregating \$44,740,496.

The classified industry, "coal-tar products," for the United States embraces 182 establishments with products valued at \$135,482,161, and New Jersey ranked second in the industry with 26 per cent of the number of establishments and 33 per cent of the total value of products, being exceeded only by New York, with 46 establishments and products valued at \$45,792,118.

TABLE 28.—CHEMICALS: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value.....	\$142,394,014	\$37,688,949	\$20,516,105
The classified industries:			
Chemicals.....	84,033,941	31,686,865	22,824,140
Coal-tar products.....	44,740,496	5,071,299	2,127,637
Sulphuric, nitric, and mixed acids.....	2,803,976		
Subsidiary chemical products from other industries.....	10,816,201	930,785	1,564,328
Acids.....	14,313,922	7,614,721	5,256,039
Plastics.....	25,280,510	7,622,394	4,634,200
Sodas, sodium and compounds.....	12,125,276	4,024,004	1,472,620
Compressed and liquefied gases.....	2,470,725	527,196	424,525
Bleaching materials.....	1,541,857	317,373	75,941
Other chemicals.....	74,344,963	14,670,055	13,121,983
All other products.....	12,317,322	1,983,206	1,530,797

Electrical machinery, apparatus, and supplies (Table 29).—This table gives the value of the various kinds of electrical machinery, apparatus, and supplies for New Jersey. Certain classes, although of greater value than some of those shown, could not be reported separately without disclosing individual operations; among these were electrical measuring instruments and switchboards. The state ranked fourth in the industry, the value of products being 12.1 per cent of that for the United States. In the production of incandescent lamps it led the other states, the output being 34.7 per cent of the total for the United States.

TABLE 29.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES: 1919.

	Amount.
Products, total value ¹	\$120,341,356
Incandescent lamps.....	20,020,125
Batteries.....	15,101,919
Motors.....	13,145,807
Insulated cables.....	8,695,437
Insulated wire.....	8,020,101
Magnetolignition apparatus.....	7,780,531
Transformers and feeder potential regulators.....	4,063,306
Conduits, interior.....	1,991,172
Telegraph apparatus.....	1,738,460
Circuit fittings.....	1,690,497
Wiring supplies.....	1,275,193
Insulators.....	1,107,204
Generating apparatus and parts.....	384,702
Household and industrial apparatus and devices.....	370,046
Fuses, cut-outs, and fuse plugs.....	303,557
Therapeutic apparatus.....	148,446
All other electrical machinery, apparatus, and supplies.....	15,692,230
All other products.....	15,410,865
Amount received for custom work and repairing.....	3,371,728

¹ In addition, electrical machinery, apparatus, and supplies to the value of \$716,634 were reported by establishments engaged primarily in other industries.

Slaughtering and meat packing (Table 30).—This table presents for the last three census years, 1919, 1914, and 1909, the number and cost of the most important kinds of animals slaughtered; the cost of dressed meat purchased for curing, cottonseed oil for making lard compounds and substitutes, whole milk and butter for making oleomargarine, curing materials, seasoning, refrigeration, containers, fuel, rent of power, mill supplies, freight, and contract work; and the quantity and value of the leading products that can be presented without disclosing individual operations. The item "All other products" includes beef, pickled and other cured, canned beef and pork, canned sausage, lard compounds and substitutes, oleo oil, other oils, oleo stearin, oleomargarine, glue, hog and cattle hair, wool, stock feed, and manufactured bone.

The growth of the industry in the period from 1914 to 1919 is attributable to the increase in the number of beeves and calves slaughtered and in the curing and rendering activities of the industry, as there was a decrease in the number of hogs and sheep and lambs slaughtered. The number of beeves and calves increased 105,646, or 99.3 per cent, and the production of fresh beef and veal, 47,830,256 pounds, or 155.5 per cent. Fresh pork, the leading product in 1919 and 1914, declined 15,997,508 pounds, while the cured pork increased 24,319,929 pounds and lard 12,968,067 pounds.

The cost of materials and value of products for all classes show abnormal increases, due to conditions which affected the values of all commodities during the World War.

TABLE 30.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$100,404,261	\$35,310,279	\$32,823,047
Animals slaughtered, cost.....	\$80,341,045	\$23,232,941	\$18,792,539
Beeves—			
Number.....	110,066	37,903	53,234
Cost.....	\$18,413,023	\$3,430,821	\$3,068,621
Calves—			
Number.....	101,975	68,492	95,604
Cost.....	\$2,022,156	\$1,059,927	\$1,145,785
Sheep and lambs—			
Number.....	425,059	426,063	423,724
Cost.....	\$4,958,062	\$2,436,594	\$2,283,093
Hogs—			
Number.....	1,242,798	1,297,313	1,210,849
Cost.....	\$34,347,204	\$16,305,599	\$11,094,440
All other materials, cost.....	\$40,063,216	\$12,077,338	\$14,031,108
PRODUCTS.			
Total value.....	\$110,221,328	\$38,809,339	\$36,445,701
Fresh meat, value.....	\$47,180,373	\$19,740,541	\$16,888,043
Beef—			
Pounds.....	69,290,250	24,107,901	35,415,243
Value.....	\$15,520,362	\$3,114,712	\$3,475,755
Veal—			
Pounds.....	9,293,800	6,645,893	8,702,274
Value.....	\$2,041,792	\$1,106,954	\$1,131,257
Mutton and lamb—			
Pounds.....	14,294,769	15,500,648	16,228,067
Value.....	\$3,873,149	\$2,297,990	\$2,085,232
Pork—			
Pounds.....	90,263,835	106,261,343	96,508,328
Value.....	\$24,246,219	\$12,925,302	\$10,115,850
Edible offal and other fresh meat—			
Pounds.....	8,313,362	4,825,446	1,538,626
Value.....	\$898,851	\$301,583	\$79,949

TABLE 30.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS—continued.			
Pork, pickled and other cured:			
Pounds.....	58,214,045	33,894,116	49,690,559
Value.....	\$18,454,674	\$5,038,813	\$6,314,238
Sausage:			
Pounds.....	20,668,764	13,525,150	15,344,144
Value.....	\$5,386,351	\$2,087,241	\$1,727,255
Lard:			
Pounds.....	28,190,529	15,222,462	49,017,209
Value.....	\$3,925,431	\$1,730,516	\$4,747,104
Tallow, oleo stock, and stearin:			
Pounds.....	6,443,137	7,134,066	8,785,195
Value.....	\$663,993	\$512,950	\$504,836
Grease and soap stock:			
Pounds.....	1,610,525	2,789,385	(¹)
Value.....	\$176,492	\$160,168	(¹)
Casings:			
Pounds.....	1,077,138	358,554	(¹)
Value.....	\$234,109	\$43,075	(¹)
Fertilizers and fertilizer materials:			
Tons.....	18,645	15,393	8,742
Value.....	\$777,211	\$441,388	\$256,815
Hides and pelts:			
Cattle—			
Number.....	110,066	47,573	
Pounds.....	7,950,463	3,250,480	
Value.....	\$2,603,481	\$530,481	131,027
Calf—			
Number.....	87,615	41,301	5,102,392
Pounds.....	1,216,613	497,632	\$696,928
Value.....	\$734,990	\$98,475	
Sheep—			
Number.....	416,847	426,063	423,624
Value.....	\$1,015,352	\$439,390	\$370,036
All other products, value.....	\$23,768,871	\$7,990,295	\$4,094,446

¹ Not reported separately.

Rubber goods (Table 31).—This table presents details of the various classes of rubber goods manufactured in New Jersey in 1919 and 1914.

TABLE 31.—RUBBER GOODS: 1919 AND 1914.

	1919	1914
Products, total value ¹	\$97,950,777	\$35,798,739
Tires:		
Pneumatic—		
Automobile—		
Casings—		
Number.....	2,080,937	806,856
Value.....	\$32,789,813	\$9,600,776
Inner tubes—		
Number.....	3,312,073	1,618,098
Value.....	\$10,324,950	\$4,403,444
Motorcycle and bicycle—		
Casings—		
Number.....	10,635	(²)
Value.....	\$96,625	(²)
Inner tubes—		
Number.....	8,902	(²)
Value.....	\$16,262	(²)
Solid—		
Truck—		
Number.....	1,774	
Value.....	\$89,014	
Boots and shoes, ³ value.....	\$3,799,382	
Rubberized fabrics:		
Yards.....	2,067,154	(²)
Value.....	\$387,140	(²)
Belting, value.....	\$9,802,959	\$3,207,681
Hose, value.....	\$9,373,425	\$9,066,506
Packing, value.....	\$3,024,484	\$1,823,588
Druggists' and stationers' sundries, value.....	\$1,877,099	\$665,308
Hard rubber goods, value.....	\$14,125,684	(²)
Reclaimed rubber:		
Pounds.....	13,155,292	8,762,669
Value.....	\$4,400,897	\$1,448,665
All other manufactures of rubber, value.....	\$7,743,148	\$6,342,743
All other products, value.....	\$99,895	\$2,240,054

¹ In addition, rubber goods to the value of \$479,115 were reported in 1919 by establishments engaged primarily in other industries.² Excludes statistics for 2 establishments, to avoid disclosure of individual operations.³ Not reported separately.⁴ Included in automobile casings and inner tubes.⁵ Includes heels and soles manufactured and sold as such.

New Jersey ranked third in the United States in value of products of the industry as a whole, and held first place among the states in production of rubber

belting. An increase of \$60,191,718, or 159.4 per cent, in the value of products was shown during the five-year period. Automobile tires showed an increase of \$29,110,543, or 207.9 per cent, and belting showed an increase of \$6,595,278, or 205.6 per cent.

Leather, tanned, curried, and finished (Table 32).—The following table shows, for 1919, 1914, and 1909, the quantity and cost of materials used and the quantity and value of products for this industry.

TABLE 32.—LEATHER, TANNED, CURRIED, AND FINISHED: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$52,586,521	\$22,080,631	\$20,198,470
Cattle hides:			
Number.....	1,289,141	699,054	771,193
Cost.....	\$20,326,491	\$7,809,311	\$8,254,076
Goat and kid skins:			
Number.....	6,152,040	4,910,279	531,142
Cost.....	\$8,650,880	\$2,792,897	\$3,607,128
All other raw stock, cost.....	\$10,482,232	\$5,979,940	\$3,127,086
Fuel and rent of power, cost.....	\$751,058	\$316,918	\$293,894
All other materials, cost.....	\$12,375,860	\$5,181,565	\$4,914,776
PRODUCTS.			
Total value.....	\$78,012,101	\$31,651,831	\$28,480,955
Leather, value.....	\$74,773,610	\$29,946,242	\$27,192,143
Sole.....			
Sides.....	485,018	339,811	120,600
Value.....	\$9,916,703	\$3,083,632	\$1,015,495
Upholstery (automobile, furniture, and carriage), value.....	\$18,873,843	\$8,344,416	\$3,836,740
Patent, value.....	\$4,641,869	\$2,897,178	\$2,060,181
Cattle.....			
Sides.....	518,091	332,427	523,494
Value.....	\$4,079,926	\$1,499,516	\$2,060,181
All other.....	\$661,943	\$1,897,662	(1)
Cattle side upper (other than patent).....			
Sides.....	507,239	(2)	
Value.....	\$5,297,045	(3)	
Goat and kid.....			
Skins.....	6,001,101	2,617,222	6,340,036
Value.....	\$16,889,356	\$2,349,951	\$5,025,936
Cabretta.....			
Skins.....	1,858,727	(1)	(1)
Value.....	\$4,047,642	(1)	(1)
All other, value.....	\$18,107,152	\$13,280,065	\$10,253,791
All other products, value.....	\$1,298,950	\$1,001,091	\$471,654
Work on materials for others, value.....	\$1,039,541	\$704,498	\$707,158

¹ Not reported separately.

² Included in "All other leather" to avoid disclosure of individual operations.

³ Includes "Calf and kip" skins to avoid disclosure.

From 1914 to 1919 the total cost of materials increased \$30,505,890, or 138.2 per cent. Cattle hides, forming 38.6 per cent of the total cost, were the principal materials used. The number of hides treated increased by 590,087, or 84.4 per cent, and their cost by \$12,517,180, or 160.3 per cent. The cost of goat and kid skins and all other raw stock, consisting of horse and buffalo hides, calf, kip, sheep, cabretta, kangaroo, wallaby, deer, elk, pig and hog skins, skivers, fleshers, etc., also shows a large increase.

The total value of the leather produced in 1919 was 146.5 per cent greater than in 1914. Upper leather made from goat, kid, and cabretta skins was the leading product. Upholstery leather for automobiles, furniture, and carriages was next in importance. Sole leather, principally oak tanned, patent, and cattle side upper were other important leathers produced in

New Jersey. All other leather includes fancy, horse, bookbinders', kangaroo, wallaby, case, bag, and strap, and lace leather, also finished splits, skivers, fleshers, etc.

Paint and varnish (Table 33).—This table presents the statistics for the paint and varnish industries for 1919, 1914, and 1909. They represent 63 establishments in 1919, 33 engaged primarily in the manufacture of paints and 30 in the manufacture of varnishes, as compared with 60 (31 paint and 29 varnish) in 1914, and 63 in 1909. In addition, there was a large production of these products by establishments engaged primarily in the manufacture of other commodities. The detail figures for specific products represent total production irrespective of the industry classification.

TABLE 33.—PAINT AND VARNISH: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value.....	\$37,481,784	\$16,740,215	\$13,586,123
The classified industries:			
Paints.....	\$18,500,897	\$10,853,242	\$7,485,599
Varnishes.....	\$13,314,471	\$5,233,475	\$5,281,330
Subsidiary products from other industries.....	\$5,666,416	\$653,498	\$819,194
Colors (pigments):			
Pounds.....	103,446,804	60,272,751	65,004,052
Value.....	\$9,752,475	\$3,654,750	\$3,495,680
Paints, value.....	\$12,750,270	\$4,811,082	\$3,841,335
In paste form, ground in oil—			
Pounds.....	26,917,033	24,489,045	20,691,247
Value.....	\$3,316,469	\$2,007,194	\$1,250,762
In oil, ready mixed for use—			
Gallons.....	5,072,462	2,967,518	2,805,787
Value.....	\$9,442,801	\$2,803,888	\$2,500,573
Varnishes:			
Gallons.....	4,273,638	3,391,118	3,514,701
Value.....	\$7,213,833	\$4,403,910	\$4,120,788
Drying japans and dryers:			
Gallons.....	748,101	503,142	
Value.....	\$851,106	\$364,207	
Baking japans and lacquers:			
Gallons.....	1,612,072	458,539	
Value.....	\$1,938,558	\$720,235	\$640,003
All other varnishes and japans, value.....	\$1,095,542	\$66,893	\$285,985
Fillers, liquid, paste, and putty, value.....	\$401,490	\$122,706	\$130,049
All other products, value.....	\$2,560,510	\$2,506,432	\$1,066,283

Brick, tile, pottery, and other clay products (Table 34).—This table presents the statistics for the clay-working industries—brick and tile, terra-cotta, and fire-clay products, and pottery—for 1919. The detailed figures for quantities and values are taken from the reports of the United States Geological Survey and represent sales during the year.

Pottery is the predominating group, the specified pottery products as listed constituting 57.6 per cent of the value of all products. In 1914 the value of all products for the industry was \$16,693,447; in 1909, \$17,212,000; and in 1904, \$13,547,000. Although the value of all products in 1919 was 57.8 per cent greater than in 1914, this increase was due to increase in unit values, and not to a commodity increase, for the average number of wage earners in this industrial group in 1919, viz, 9,261, was a decrease of 28.8 per cent from the average number reported in 1914.

TABLE 34.—BRICK, TILE, POTTERY, AND OTHER CLAY PRODUCTS: 1919.

PRODUCT.	Number or amount.
Total.....	\$26,352,826
The classified industries:	
Brick and tile, terra-cotta, and fire-clay products.....	\$10,127,176
Pottery.....	\$16,225,650
Brick:	
Common or building—	
Thousands.....	204,550
Value.....	\$2,390,276
Enameled and fancy—	
Thousands.....	8,630
Value.....	\$436,203
Face—	
Thousands.....	24,611
Value.....	\$605,764
Fire—	
Thousands.....	28,716
Value.....	\$2,018,624
Draintile:	
Net tons.....	1,703
Value.....	\$15,108
Retorts, gas (clay):	
Number.....	239
Value.....	\$7,170
Stove lining.....	\$9,830
Terra cotta, architectural.....	\$1,104,715
Tile:	
Building, hollow—	
Net tons.....	173,933
Value.....	\$1,623,628
Ceramic—	
Square feet.....	2,224,840
Value.....	\$542,538
Faience—	
Square feet.....	321,102
Value.....	\$174,338
Flooring—	
Square feet.....	1,457,894
Value.....	\$308,352
Wall—	
Square feet.....	1,988,206
Value.....	\$652,205
Pottery:	
Red earthenware.....	\$34,235
Red and brown, white-lined cooking ware.....	\$1,600
Stoneware and yellow and Rockingham ware.....	\$357,152
White ware, semiporcelain, and semivitreous porcelain ware.....	\$1,642,947
China, bone china, delft, and belleek ware.....	\$1,870,542
Sanitary ware, including bathtubs, laundry tubs, etc.....	\$7,931,371
Porcelain electrical supplies.....	\$3,447,830
All other clay products, value.....	\$799,469
All other products, value.....	\$478,869

Fertilizers (Table 35).—This table shows the quantities and values of the chief products of the fertilizer industry in New Jersey in 1919, 1914, and 1909.

TABLE 35.—FERTILIZERS: 1919, 1914, AND 1909.

	1919	1914	1909
Total value of products.....	\$15,758,105	\$11,197,600	\$7,671,859
Fertilizers: ¹			
Tons (2,000 pounds).....	369,904	464,378	343,703
Value.....	\$14,202,309	\$9,995,521	\$6,506,830
Complete and ammoniated fertilizers—			
Tons.....	246,275	345,147	254,316
Value.....	\$11,544,033	\$8,506,569	\$5,548,191
Superphosphates—			
Tons.....	72,514	82,471	72,323
Value.....	\$1,410,772	\$938,890	\$661,124
Other fertilizers—			
Tons.....	51,115	36,760	17,064
Value.....	\$1,246,604	\$550,062	\$299,515
All other products, value.....	\$1,555,796	\$1,202,169	\$1,165,029

¹ In addition, there were produced 35,648 tons of fertilizers, valued at \$1,023,136 by establishments engaged primarily in other lines of manufacture.

There was a decrease in quantity production in 1919 as compared with 1914, accompanied by a large increase in values, the average ton value for the product of the state being \$38 in 1919 as compared with \$22 in 1914 and \$19 in 1909.

Printing and publishing (Table 36).—This table shows the number and aggregate circulation per issue of the newspapers and periodicals published in New Jersey as reported in 1919, 1914, and 1909.

The increase in aggregate circulation of all publications was 242,556, or 16.1 per cent, for the five-year period from 1914 to 1919, and 680,237, or 63.5 per cent, for the decade.

Of the circulation of daily newspapers, 485,851, or 83.5 per cent, was reported for those published in the afternoon, an increase of 122,639, or 33.8 per cent, for the five-year period and of 158,363, or 48.4 per cent, for the decade.

An increase of 62,718, or 74.7 per cent, in the circulation of the Sunday papers is reported for the five-year period from 1914 to 1919, 2 being added. During the ten years 1909 to 1919 the circulation increased 76,043, or 107.6 per cent.

The foreign-language publications numbered 26, with an aggregate circulation of 59,195 per issue. In German there were 7—1 morning newspaper, 1 Sunday, 3 weeklies, 1 semimonthly, and 1 quarterly. Six publications were in Hungarian, 3 in Italian, 2 in Polish, and 2 in Dutch; all were weeklies. In Slovak there were 2, 1 weekly and 1 semiweekly; in Ukrainian, 1 triweekly; in Yiddish, 1 weekly; in German-English 1 weekly; and in Italian-English, 1 weekly.

TABLE 36.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total.....	323	350	348	1,751,693	1,509,137	1,071,456
Daily.....	40	46	54	581,851	451,681	437,144
Sunday.....	9	7	6	140,713	83,995	70,670
Semiweekly ¹	5	3	5	35,399	5,475	8,774
Weekly.....	230	246	247	353,006	301,044	383,231
Monthly ²	33	39	28	623,493	543,247	161,662
Quarterly ³	6	9	8	11,231	33,695	9,975

¹ Includes in 1919 and 1909, 1 triweekly.

² Includes in 1919, 7, in 1914, 6, and in 1909, 2, semimonthlies.

³ Includes in 1919, 1 bimonthly; in 1914, 1 bimonthly and 2 semiannual publications; and in 1909, 1 bimonthly and 1 "All other."

Laundries (Table 37).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 37, however, summarizes the statistics for such laundries in the state of New Jersey for 1919 and 1914.

TABLE 37.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1914-1919.
	1919	1914	
Number of establishments.....	131	142	-7.7
Persons engaged.....	4,061	4,024	0.9
Proprietors and firm members.....	110	124	-11.3
Salaried employees.....	370	258	43.4
Wage earners (average number).....	3,581	3,642	-1.7
Primary horsepower.....	6,237	5,103	22.6
Capital.....	\$4,632,446	\$2,876,920	61.0
Salaries and wages.....	3,532,735	1,938,376	82.3
Salaries.....	669,273	289,618	131.1
Wages.....	2,863,462	1,648,758	73.7
Paid for contract work.....	7,190	.....	.....
Rent and taxes.....	225,654	99,793	126.1
Cost of materials.....	1,392,522	655,556	112.4
Amount received for work done.....	7,091,621	3,590,739	97.5

¹ A minus sign (-) denotes decrease.

Dyeing and cleaning (Table 38).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 38.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	39
Persons engaged.....	536
Proprietors and firm members.....	34
Salaried employees.....	47
Wage earners (average number).....	455
Primary horsepower.....	608
Capital.....	\$559,997
Salaries and wages.....	636,765
Salaries.....	87,646
Wages.....	549,119
Paid for contract work.....	22,084
Rent and taxes.....	45,328
Cost of materials.....	369,990
Amount received for work done.....	1,408,447

Custom sawmills and custom gristmills (Tables 39 and 40).—Statistics for custom sawmills and custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914.

Tables 39 and 40, however, summarize the statistics for such mills in 1919 and 1909. The value of products for custom sawmills represents the amount charged for the work performed, and that for custom gristmills, the selling value of the grain milled.

TABLE 39.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	13	7	.....
Persons engaged.....	23	13	.....
Proprietors and firm members.....	17	7	.....
Wage earners (average number).....	6	6	.....
Primary horsepower.....	268	213	25.8
Capital.....	\$37,001	\$22,625	63.5
Wages.....	4,979	2,065	141.1
Rent and taxes.....	469	156	200.6
Cost of materials.....	1,078	440	145.0
Amount received for work done.....	14,881	5,422	174.5

¹ Percentages are omitted where base is less than 100.

TABLE 40.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	24	39	.....
Persons engaged.....	28	65	.....
Proprietors and firm members.....	24	41	.....
Salaried employees.....	.....	1	.....
Wage earners (average number).....	4	23	.....
Primary horsepower.....	826	1,232	-33.0
Capital.....	\$104,388	\$134,226	-22.2
Salaries and wages.....	3,446	9,387	-63.3
Salaries.....	.....	364	.....
Wages.....	3,446	9,023	-61.8
Rent and taxes.....	1,658	2,365	-29.9
Cost of materials ²	182,031	243,662	-25.3
Value of products ²	220,739	287,050	-23.1

¹ A minus sign (-) denotes decrease. Percentages are omitted where base is less than 100.² Includes estimate of all grain ground.

GENERAL TABLES.

Table 41 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for selected industries in the state and in the cities having 50,000 inhabitants or more, and for the cities in the state having from 10,000 to 50,000 inhabitants, for which comparative figures are available, similar data for all industries combined.

Table 42 presents, for 1919, for the state as a whole and for cities having 50,000 inhabitants or more, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and for the cities in the state having from 10,000 to 50,000 inhabitants, the statistics for all industries combined.

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
					Expressed in thousands of dollars.								Expressed in thousands of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
All industries.....	1919	11,057	508,686	1,146,744	600,658	2,270,473	3,672,065	Chemicals.....	1919	78	12,472	36,807	14,904	45,174	84,034
	1914	9,742	373,005	793,063	211,136	883,465	1,406,633		1914	64	6,276	18,563	4,124	17,051	31,637
	1909	8,817	326,223	612,293	109,710	720,033	1,145,529		1909	50	6,046	13,880	2,895	12,257	22,824
Agricultural implements...	1919	10	219	591	239	700	1,365	Chewing gum.....	1919	8	112	461	120	843	1,332
	1914	9	270	518	178	445	931		1914	6	173	318	70	462	999
	1909	10	224	724	112	327	755	Chocolate and cocoa prod- ucts.	1919	8	489	1,946	502	9,277	10,813
Artificial stone products...	1919	76	295	700	339	445	1,155		1914	6	322	1,342	148	1,579	2,162
	1914	83	349	703	213	295	722		1909	4	290	660	117	1,427	1,843
	1909	97	488	436	250	294	859	Cleansing and polishing preparations.	1919	19	237	321	227	1,213	2,521
Artists' materials.....	1919	8	294	1,454	341	1,307	2,381		1914	24	65	112	38	198	423
	1914	7	214	1,437	139	1,093	1,499	Clothing, men's, including shirts.	1919	210	7,685	1,617	7,342	14,539	28,199
	1909	6	188	572	88	580	874		1914	152	8,217	1,537	3,120	5,229	11,547
Automobiles, including bodies and parts.	1919	116	5,519	9,185	7,658	37,085	54,671		1909	150	6,994	1,351	2,935	5,076	9,855
	1914	53	2,520	3,177	1,832	3,766	8,237	Clothing, women's.....	1919	255	5,696	1,393	4,417	9,316	17,900
	1909	24	1,024	1,311	615	892	2,008		1914	183	5,423	1,300	2,004	2,952	6,768
Belting, leather.....	1919	10	82	104	90	715	1,002		1909	99	4,216	959	1,355	2,855	5,927
	1914	8	57	86	43	206	466	Coffee, roasting and grind- ing.	1919	17	192	359	240	4,651	7,218
	1909	8	46	50	31	119	204		1914	17	106	534	63	3,225	3,451
Boots and shoes, not in- cluding rubber boots and shoes.	1919	34	2,835	2,057	2,459	7,811	12,864		1909	16	84	1,435	46	2,334	2,649
	1914	42	3,834	1,814	1,935	4,767	8,239	Condensed milk.....	1919	6	77	423	99	1,822	2,197
	1909	40	4,084	1,344	1,893	4,352	7,524		1914	4	48	383	33	511	597
Boxes, paper and other, not elsewhere specified.	1919	51	2,059	2,198	2,071	3,745	8,202	Confectionery and ice cream.	1919	245	2,955	4,280	2,294	10,177	10,899
	1914	51	2,176	1,635	804	1,102	2,650		1914	141	1,810	3,359	822	3,920	6,079
	1909	46	2,142	1,224	704	1,186	2,675	Cooperage and wooden goods, not elsewhere specified.	1919	59	1,041	1,627	1,348	6,392	8,828
Brass, bronze, and copper products.	1919	67	2,185	11,656	2,595	8,409	14,412		1914	48	917	1,561	611	2,748	3,849
	1914	61	1,236	5,798	760	3,175	4,686		1909	43	1,046	1,613	522	2,328	3,230
	1909	66	1,265	4,431	719	3,355	5,131	Copper, tin, and sheet-iron products. ²	1919	189	5,357	4,769	5,853	14,434	24,500
Bread and other bakery products.	1919	1,263	5,911	13,307	8,440	36,912	55,763		1914	196	5,233	4,389	2,880	6,846	12,500
	1914	1,278	5,712	4,590	3,958	12,958	22,310		1909	175	5,002	3,579	2,780	6,172	11,114
	1909	1,217	4,936	2,184	3,300	12,105	20,086	Cordage and twine and jute goods. ³	1919	9	3,034	8,776	2,885	11,222	17,442
Brick, tile, pottery, and other clay products.	1919	120	9,261	23,639	10,591	6,359	26,353		1914	14	3,151	9,076	1,163	5,536	7,657
	1914	140	13,011	22,827	7,597	4,674	16,693		1909	12	3,025	6,442	954	3,896	5,527
	1909	104	13,220	23,236	7,286	4,395	17,212	Cork, cutting.....	1919	6	532	2,317	601	1,859	3,260
Brushes.....	1919	25	918	742	887	2,482	4,263		1914	6	570	2,011	310	1,101	1,594
	1914	22	822	1,024	411	888	1,814		1909	10	418	855	180	410	791
	1909	25	854	682	336	710	1,564	Corsets.....	1919	21	2,152	555	1,652	4,418	9,293
Buttons.....	1919	70	2,570	2,528	2,402	3,000	7,021		1914	13	2,592	987	1,008	2,307	4,737
	1914	60	1,773	1,912	856	1,077	2,509		1909	11	1,845	480	628	1,305	3,336
	1909	64	2,261	1,232	913	1,183	2,750	Cotton goods, including cotton small wares.	1919	45	9,672	22,780	8,477	41,432	60,475
Canning and preserving ¹ ..	1919	97	3,232	5,136	2,654	18,208	29,822		1914	30	7,394	20,987	3,287	10,116	16,782
	1914	96	3,154	3,783	1,252	8,035	13,765		1909	26	6,638	17,283	2,577	8,565	13,729
	1909	84	1,818	2,698	546	2,208	3,664	Cutlery and tools, not elsewhere specified.	1919	108	3,445	5,216	3,978	2,398	10,180
Carpets and rugs, other than rag.	1919	5	917	1,191	850	3,219	5,912		1914	70	2,693	3,636	1,366	1,406	4,282
	1914	4	872	1,095	440	1,365	2,225		1909	70	2,208	2,540	1,069	849	2,735
	1909	9	884	970	375	898	1,945	Dyeing and finishing tex- tiles, exclusive of that done in textile mills.	1919	132	14,492	28,703	14,932	44,222	79,305
Carriages and wagons, in- cluding repairs.	1919	118	322	632	407	580	1,402		1914	98	11,683	22,876	5,926	13,706	27,987
	1914	255	1,046	1,239	747	877	2,301		1909	67	10,129	19,989	5,016	6,353	15,796
	1909	242	1,386	1,084	903	1,117	2,849	Dyestuffs and extracts— natural.	1919	17	385	2,312	498	3,549	5,924
Cars and general shop con- struction and repairs by electric-railroad compa- nies.	1919	15	1,333	3,887	1,755	1,578	3,489		1914	18	343	1,625	216	3,044	4,969
	1914	17	1,228	3,853	809	749	1,614		1909	13	279	1,006	179	1,969	3,130
	1909	15	826	2,276	471	614	1,158	Electrical machinery, ap- paratus, and supplies.	1919	105	26,135	51,664	27,306	58,983	120,341
Cars and general shop con- struction and repairs by steam-railroad companies.	1919	36	10,321	19,056	15,199	11,786	29,467		1914	76	14,405	22,860	7,867	20,549	40,741
	1914	30	6,835	11,203	4,910	4,552	10,345		1909	69	11,099	11,326	5,615	14,426	28,365
	1909	23	6,604	7,640	4,175	4,634	9,819								

¹ Includes "pickles, preserves, and sauces".² Includes "stamped ware, not elsewhere specified" and "tinware, not elsewhere specified."³ Includes "linen goods" in 1914 and 1909; and "nets and seines" in 1914.

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Wages.	Cost of materials.	Value of products.	INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.								Expressed in thousands of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Fancy articles, not elsewhere specified. ¹	1919	73	1,960	2,256	1,775	3,119	7,000	Jewelry.....	1919	174	3,234	1,648	4,419	14,658	27,890
	1914	58	1,122	803	588	777	2,082		1914	175	3,408	1,915	2,221	5,525	11,347
	1909	31	1,112	730	455	828	1,841		1909	150	4,008	1,231	2,537	6,294	13,272
Fertilizers.....	1919	19	1,740	6,639	2,093	11,811	15,758	Knit goods.....	1919	90	4,853	3,016	4,470	15,350	23,853
	1914	23	1,530	5,829	814	7,587	11,198		1914	62	4,025	2,516	2,244	3,335	7,850
	1909	22	1,208	2,459	541	5,685	7,672		1909	37	2,506	1,477	903	1,826	3,810
Flour-mill and gristmill products.	1919	150	232	6,631	220	5,036	6,040	Leather goods ⁴	1919	95	1,683	873	1,890	4,506	8,663
	1914	196	341	8,870	188	3,590	4,320		1914	99	1,069	1,423	950	2,152	4,183
	1909	238	453	10,763	225	4,561	5,538		1909	99	1,813	990	920	2,140	4,005
Food preparations, not elsewhere specified.	1919	100	1,359	5,361	1,305	29,463	33,612	Leather, tanned, curried, and finished.	1919	73	5,499	13,239	7,297	52,587	78,012
	1914	63	812	2,309	426	7,335	9,479		1914	84	5,108	12,306	3,260	22,081	31,652
	1909	47	838	1,721	359	2,952	5,380		1909	86	5,560	9,243	3,473	20,198	28,431
Foundry and machine-shop products. ²	1919	1,182	43,260	88,749	54,718	98,543	219,069	Liquors, malt.....	1919	20	1,780	13,636	2,624	5,532	20,148
	1914	908	31,057	59,968	20,311	32,575	74,127		1914	29	2,588	17,036	2,398	5,585	20,482
	1909	591	27,815	41,191	16,922	29,940	65,398		1909	33	2,125	14,082	1,856	4,881	20,184
Furnishing goods, men's ³ ..	1919	36	3,096	1,317	1,887	5,629	10,619	Lumber and timber products. ⁵	1919	368	4,105	16,800	4,615	13,407	22,002
	1914	28	4,144	1,448	1,528	3,889	6,793		1914	382	4,892	17,455	2,867	7,399	12,483
	1909	21	2,458	973	774	2,732	4,131		1909	416	4,857	15,760	2,631	8,010	13,511
Furniture.....	1919	78	2,136	3,344	2,691	5,256	10,751	Marble and stone work....	1919	114	636	2,480	898	1,096	2,940
	1914	66	2,287	3,587	1,384	2,458	5,463		1914	132	1,080	2,767	1,010	1,175	2,847
	1909	46	1,660	2,155	912	1,610	3,416		1909	131	1,479	2,756	1,329	1,378	3,901
Furs, dressed.....	1919	18	1,551	1,297	2,134	1,156	5,113	Mattresses and spring beds, not elsewhere specified.	1919	35	259	526	308	1,135	1,875
	1914	6	278	383	157	67	350		1914	25	181	215	95	432	691
Gas and electric fixtures and lamps.	1919	17	1,903	1,570	1,454	4,161	7,086		1909	23	496	288	236	808	1,323
	1914	32	2,206	1,304	1,008	3,526	5,476	Millinery and lace goods, not elsewhere specified.	1919	510	6,254	2,371	5,320	11,613	24,506
	1909	28	1,884	1,124	824	3,350	5,771		1914	276	5,573	1,709	2,559	3,914	10,486
Gas, illuminating and heating.	1919	38	2,083	14,757	2,375	7,375	20,317		1909	170	4,120	1,380	1,688	3,185	6,895
	1914	43	2,205	10,397	761	4,075	14,020	Mineral and soda waters...	1919	179	459	791	502	1,424	2,763
	1909	47	1,917	6,717	853	2,855	9,837		1914	189	667	938	430	965	2,053
Glass.....	1919	21	5,942	4,684	6,067	4,445	13,695		1909	174	608	879	368	785	1,836
	1914	19	5,784	2,897	3,770	2,551	7,598	Minerals and earths, ground or otherwise treated.	1919	17	430	4,298	550	1,164	2,428
	1909	23	5,651	3,081	3,340	1,999	6,961		1914	14	292	3,245	171	566	1,049
Glass, cutting, staining, and ornamenting.	1919	45	634	471	596	828	1,907		1909	12	212	1,835	122	415	785
	1914	41	672	339	343	649	1,601	Models and patterns, not including paper patterns.	1919	46	463	607	614	420	1,421
	1909	42	556	244	209	313	883		1914	40	313	421	258	112	562
Gold and silver, reducing and refining, not from the ore.	1919	14	312	1,697	381	16,546	18,391		1909	36	251	341	228	92	445
	1914	14	179	720	147	9,001	10,078	Musical instruments, pianos and materials. ⁶	1919	17	1,471	2,195	1,353	2,056	5,027
	1909	8	112	406	86	3,911	4,436		1914	24	1,960	2,102	1,096	1,738	3,503
Grease and tallow, not including lubricating greases.	1919	67	299	1,156	390	4,416	5,402		1909	18	1,393	1,121	721	1,076	2,229
	1914	38	218	631	129	821	1,185	Needles, pins, and hooks and eyes.	1919	10	418	571	351	480	1,204
	1909	44	199	542	118	832	1,148		1914	7	515	320	215	201	597
Hat and cap materials.....	1919	9	471	938	457	2,100	3,684		1909	7	557	524	230	184	620
	1914	13	360	704	148	793	1,148	Oil, not elsewhere specified.	1919	30	1,245	2,039	1,374	22,319	30,835
	1909	14	433	877	149	915	1,385		1914	20	426	3,475	209	6,822	9,280
Hats and caps, other than felt, straw, and wool.	1919	21	288	45	303	628	1,127		1909	23	419	1,824	250	6,106	7,851
	1914	17	246	82	172	287	608	Oilcloth and linoleum.....	1919	14	2,393	9,704	2,043	15,295	25,535
	1909	7	170	51	86	173	365		1914	10	2,190	8,223	1,287	7,660	11,384
Hats, fur-felt.....	1919	31	3,303	4,447	4,264	8,235	16,625		1909	10	2,123	7,819	1,187	6,638	10,143
	1914	41	4,401	4,722	2,603	3,708	7,969	Paint and varnish.....	1919	63	1,904	7,321	2,304	20,810	31,815
	1909	53	4,657	5,046	2,969	4,112	8,825		1914	60	1,737	7,505	1,071	9,941	10,087
Ice, manufactured.....	1919	75	838	14,454	1,033	1,343	4,551		1909	63	1,493	5,924	844	8,226	12,787
	1914	71	621	13,658	434	527	1,556	Paper and wood pulp.....	1919	33	3,108	32,948	3,722	11,995	20,361
	1909	59	456	10,121	317	386	1,497		1914	33	2,927	29,695	1,709	7,181	10,931
Ink, printing.....	1919	9	337	1,171	450	1,328	2,499		1909	37	2,223	22,960	1,181	4,760	7,554
	1914	9	278	1,346	207	951	2,095	Paper goods, not elsewhere specified.	1919	29	1,036	2,543	1,115	6,038	9,719
Iron and steel, steel works and rolling mills.	1919	16	13,811	81,600	17,085	34,327	74,832		1914	24	907	2,362	475	2,915	4,674
	1914	15	4,639	36,971	2,969	5,185	10,420		1909	19	563	2,132	276	1,097	2,640
	1909	16	4,671	29,699	2,823	6,635	12,014	Patent medicines and compounds and druggists' preparations. ⁷	1919	112	2,420	3,207	1,652	10,441	18,715
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1919	7	404	800	479	1,126	2,157		1914	129	1,271	2,223	616	3,147	7,673
	1914	3	168	400	95	162	254		1909	111	1,005	1,478	432	2,089	5,410
Iron and steel forgings, not made in steel works or rolling mills.	1919	16	827	3,338	1,246	3,076	5,603	Paving materials.....	1919	46	1,200	7,872	1,496	4,231	7,324
	1914	10	240	702	160	211	488		1914	29	1,264	8,755	727	2,541	4,434
Iron and steel, wrought pipe.	1919	5	739	2,473	1,150	2,891	5,391	Petroleum, refining.....	1919	9	10,178	30,040	18,024	222,886	280,995
	1914	3	359	777	208	461	1,028		1914	8	5,178	26,498	4,001	79,392	90,877

¹ Includes "ivory, shell, and bone work, not including combs and hairpins," in all years; and "combs and hairpins, not made from metal or rubber," in 1914 and 1909.² Includes "automobile repairing," "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "hardware, saddlery"; "iron and steel, cast-iron pipe"; "iron and steel, tempering and welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts."³ Includes "suspenders, garters, and elastic woven goods."⁴ Includes "saddlery and harness" and "trunks and valises."⁵ Includes "boxes, wooden packing, except cigar boxes" and "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "window and door screens and weather strips," in 1914 and 1909.⁶ Includes "musical instruments, organs," in 1914 and 1909.⁷ Includes "perfumery and cosmetics."

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
					Expressed in thousands of dollars.								Expressed in thousands of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Printing and publishing ¹ ..	1919	772	5,356	6,280	6,283	8,651	24,218	Stoves and hot-air furnaces.	1919	8	964	1,372	1,544	2,127	4,823
	1914	732	5,433	7,124	4,036	4,251	14,083		1914	5	882	1,012	851	643	2,265
	1909	684	5,451	5,036	3,624	3,472	12,333		1909	5	648	1,070	578	539	1,607
Roofing materials.....	1919	15	660	2,357	740	4,072	6,553	Sulphuric, nitric, and	1919	5	561	1,151	875	1,596	2,804
	1914	15	392	1,120	243	1,146	2,173	mixed acids.	1914	6	909	3,409	697	2,160	5,071
	1909	13	263	898	147	1,138	2,285		1909	6	434	1,575	281	1,002	2,128
Rubber tires, tubes, and rubber goods, not else- where specified.	1919	65	12,353	40,097	14,300	46,336	84,129	Tobacco manufactures.....	1919	318	10,161	4,519	7,826	26,599	56,718
	1914	53	6,316	22,214	3,081	15,172	25,458		1914	394	15,830	4,005	5,393	17,404	39,096
	1909	36	4,255	12,906	2,300	13,032	19,543		1909	462	9,466	3,302	3,156	10,706	24,177
Scales and balances.....	1919	9	426	351	463	462	1,428	Toys and games.....	1919	27	1,186	883	1,112	1,522	3,587
	1914	11	244	241	158	142	573		1914	13	440	121	164	227	641
	1909	11	170	144	90	99	430		1909	15	142	70	57	94	226
Shipbuilding, including boat building.	1919	93	52,397	52,712	79,963	125,553	238,015	Typewriters and supplies..	1919	7	436	744	442	1,188	2,800
	1914	85	6,324	11,944	4,657	5,636	11,861		1914	8	428	803	269	511	1,236
	1909	97	4,869	9,904	3,300	4,249	8,841		1909	8	272	512	202	278	740
Signs and advertising nov- elties.	1919	17	558	453	509	879	2,544	Upholstering materials, not elsewhere specified.	1919	9	519	1,261	552	5,972	8,803
	1914	25	841	582	534	711	2,147		1914	9	313	1,278	167	1,214	1,811
	1909	17	1,044	588	574	608	2,090		1909	12	296	915	138	1,088	1,646
Silk goods, including throwsters.	1919	686	32,326	29,095	32,832	123,441	215,051	Wall paper, not made in paper mills.	1919	5	534	1,192	577	1,748	3,334
	1914	368	28,263	21,218	14,800	40,883	75,706		1914	9	963	1,639	594	1,759	3,424
	1909	348	30,285	22,376	13,917	33,205	65,430		1909	8	782	1,442	369	1,500	2,872
Silversmithing and silver- ware.	1919	13	810	1,110	1,037	1,736	3,832	Window shades and fix- tures.	1919	10	284	556	308	1,464	2,501
	1914	25	1,182	1,525	881	1,252	2,884		1914	19	441	388	249	626	1,006
	1909								1909	14	515	440	282	578	1,155
Slaughtering and meat packing. ²	1919	84	3,767	10,245	4,940	103,637	114,280	Wirework, including wire rope and cable, not else- where specified.	1919	33	1,330	2,288	1,468	3,984	7,253
	1914	90	2,197	7,079	1,589	30,320	40,108		1914	29	1,045	1,633	605	1,511	2,654
	1909	84	1,817	3,610	1,286	33,740	37,583		1909	25	1,126	1,066	627	1,508	2,745
Smelting and refining, copper.	1919	4	4,066	49,683	5,346	231,413	244,269	Woolen, worsted, and felt goods, and wool hats.	1919	35	14,782	30,014	14,459	55,099	102,302
	1914	4	3,344	42,735	2,247	153,863	159,109		1914	32	14,464	25,124	6,385	23,058	36,269
	1909	4	2,322	22,320	1,335	118,936	125,051		1909	33	12,652	20,254	4,964	21,033	33,939
Soap.....	1919	16	2,889	3,942	3,082	27,347	37,382	All other industries.....	1919	1,030	74,645	217,530	93,508	372,444	500,326
	1914	16	2,057	4,276	1,200	10,700	16,692		1914	844	52,449	137,474	31,308	145,763	227,379
	1909	21	1,599	2,761	796	7,084	13,674		1909	953	53,185	153,027	28,679	201,836	280,388

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

ATLANTIC CITY... All industries.	1919	154	958	1,875	1,289	3,083	6,359		BAYONNE..... All industries.	1919	152	14,094	41,694	22,652	166,849	260,602	
	1914	107	918	2,521	614	1,412	2,971			1914	121	10,150	33,323	6,774	77,709	98,234	
	1909	95	786	1,768	527	1,161	2,340			1909	97	7,519	28,094	4,775	58,932	73,641	
Bread and other bakery products.	1919	34	154	235	259	875	1,406		Bread and other bakery products.	1919	20	111	103	208	549	869	
	1914	23	117	169	66	267	416			1914	19	91	70	75	240	371	
	1909	27	118	69	81	286	468			1909	17	75	29	58	207	340	
Confectionery and ice cream.	1919	21	149	271	111	694	1,098		Clothing, women's.....	1919	12	267	49	236	258	621	
	1914	5	26	143	18	83	161			1914	8	74	22	28	32	78	
Copper, tin, and sheet-iron work.	1919	4	24	.....	42	24	83		Foundry and machine- shop products. ⁴	1919	17	1,799	7,165	2,872	15,585	21,979	
	1914	6	19	.....	12	18	35			1914	7	690	3,466	490	1,545	3,201	
	1909	4	47	.....	30	38	80			1909	7	916	1,722	636	1,642	4,155	
Foundry and machine- shop products. ³	1919	19	110	99	165	123	372		All other industries.....	1919	103	12,817	34,377	10,630	180,457	237,133	
	1914	11	53	50	37	36	105			1914	87	9,295	29,765	6,181	75,892	94,584	
	1909	6	40	55	32	16	69			1909	73	6,528	26,343	4,081	57,083	69,146	
Ice, manufactured.....	1919	3	56	650	60	57	291		CAMDEN..... All industries.	1919	336	40,906	61,085	53,630	113,104	218,165	
	1914	4	60	905	34	45	146			1914	345	22,541	39,670	12,978	30,094	71,824	
	1909	4	54	585	40	44	146			1909	365	16,527	29,056	8,607	27,384	49,138	
Shipbuilding, wooden, in- cluding boat building.	1919	3	8	30	11	11	24		Boots and shoes. ⁵	1919	7	374	257	367	1,037	1,659	
	1914	4	11	15	11	18	28			1914	12	472	208	286	589	970	
	1909	4	9	15	13	4	21			1909	10	422	99	215	497	845	
Tobacco, cigars.....	1919	3	2	.....	2	7	13		Bread and other bakery products.	1919	38	296	270	316	1,764	2,623	
	1914	3	2	.....	1	2	6			1914	53	254	172	153	555	876	
	1909	5	2	.....	2	2	7			1909	60	272	94	154	453	762	
All other industries.....	1919	67	455	590	639	1,292	3,072		Confectionery and ice cream.	1919	9	95	176	70	235	358	
	1914	51	630	1,239	435	943	2,074			1914	14	340	355	108	400	722	
	1909	45	516	1,044	329	771	1,549										

¹ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."² Includes "sausage, not made in slaughtering and meat-packing establishments."³ Includes "automobile repairing."⁴ Includes "automobile repairing" and "structural ironwork, not made in steel works or rolling mills."⁵ Includes "boot and shoe cut stock" and "boot and shoe findings" in 1914 and 1909.

MANUFACTURES—NEW JERSEY.

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
CAMDEN—Contd.								HOBOKEN.....							
Copper, tin, and sheet-iron products. ¹	1919	9	72	66	97	132	344	All industries.	1919	280	15,933	20,844	21,492	31,028	70,312
	1914	16	139	137	88	108	278		1914	258	9,290	14,429	5,668	10,706	23,461
	1909	10	72	21	48	96	189		1909	241	7,883	10,613	4,419	8,966	19,016
Foundry and machine-shop products. ²	1919	30	984	1,505	1,258	2,166	5,209	Bread and other bakery products.	1919	43	526	784	855	2,254	3,700
	1914	21	1,168	1,522	678	1,418	2,598		1914	36	432	645	340	787	1,601
	1909	25	1,529	1,408	910	2,407	3,948		1909	36	421	255	321	873	1,410
Leather, tanned, curried, and finished.	1919	6	1,924	2,838	2,186	14,901	24,998	Clothing, women's.....	1919	12	208	34	187	281	593
	1914	5	1,354	3,970	755	5,305	7,733		1914	20	452	61	177	276	655
	1909	7	1,111	1,320	612	4,270	5,920	Foundry and machine-shop products. ⁷	1919	29	1,132	2,077	1,648	1,523	4,689
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6	129	514	133	365	750		1914	24	873	1,353	690	743	2,172
	1914	7	174	692	101	265	428		1909	23	855	1,101	558	582	1,808
	1909	4	128	411	79	236	362	Furniture.....	1919	9	609	1,303	728	1,184	2,948
Mineral and carbonated waters.	1919	10	22	26	20	49	97		1914	6	567	1,507	361	547	1,364
	1914	9	43	54	26	55	128		1909	5	616	625	334	557	1,314
	1909	12	36	28	20	66	158	Lumber, planing-mill products, not including planing mills connected with sawmills. ⁸	1919	5	77	314	95	149	337
Printing and publishing. ³	1919	40	181	313	102	223	667		1914	7	121	257	83	135	264
	1914	40	198	246	132	121	399	Mineral and carbonated waters.	1909	7	128	293	100	227	442
	1909	35	191	139	105	90	350		1919	4	12	9	14	48	74
Soap.....	1919	4	200	643	195	1,416	2,170		1914	5	18	23	13	17	50
	1914	4	207	319	102	762	1,310	Printing and publishing. ⁹	1909	6	18	16	15	17	64
	1909	5	188	270	79	723	1,265		1919	15	250	183	277	590	1,675
Worsted goods.....	1919	5	1,050	3,335	736	3,742	5,445		1914	18	189	287	138	205	802
	1914	4	1,084	3,015	335	1,989	2,709		1909	17	234	235	165	186	577
	1909	4	1,149	2,900	355	2,704	3,608	All other industries.....	1919	163	13,119	16,140	17,688	24,999	56,296
All other industries.	1919	172	35,578	51,136	48,080	87,074	173,845		1914	142	6,638	10,296	3,866	7,996	16,530
	1914	160	17,108	28,980	10,264	24,527	53,673		1909	147	5,611	8,088	2,956	6,524	13,401
	1909	193	11,429	22,366	6,030	15,842	31,731	JERSEY CITY.....							
EAST ORANGE.....								All industries.							
All industries. ⁴								All industries.							
	1919	76	2,683	3,700	2,896	4,084	11,084		1919	896	36,981	78,897	42,613	263,421	374,183
	1914	51	1,949	3,379	1,130	2,380	5,407	Boxes, paper and other, not elsewhere specified.	1914	770	31,021	49,086	17,651	111,782	164,529
	1909	42	1,386	1,087	858	1,768	3,725		1909	745	25,454	35,917	13,216	89,317	128,775
ELIZABETH.....	1919	226	18,386	36,630	24,228	39,632	76,441		1919	7	632	674	495	716	1,474
All industries.	1914	184	12,870	25,520	8,198	16,307	31,228	Brass and bronze products.	1914	7	451	629	178	234	551
	1909	163	12,737	20,124	7,513	16,429	29,147		1909	5	557	194	166	238	527
Bread and other bakery products.	1919	35	92	131	170	684	1,065		1919	8	278	599	336	2,543	3,351
	1914	39	118	92	94	318	504		1914	10	322	586	215	1,666	2,101
	1909	31	111	38	69	182	347		1909	9	340	550	185	1,577	2,180
Chemicals.....	1919	5	169	1,139	239	742	1,680	Bread and other bakery products.	1919	120	1,155	7,226	1,457	8,998	12,201
	1914	8	191	903	140	368	748		1914	100	633	618	456	1,394	2,583
	1909	5	93	286	58	144	307		1909	113	534	221	387	1,531	2,485
Foundry and machine-shop products. ⁵	1919	38	833	1,940	1,041	1,175	3,024	Carriages and wagons, including repairs.	1919	13	48	119	71	63	205
	1914	24	876	1,755	630	803	2,030		1914	22	125	183	100	86	254
	1909	18	916	1,571	604	996	1,877		1909	27	114	136	88	88	255
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6	59	345	86	376	631	Cars and general shop construction and repairs by steam-railroad companies.	1919	5	2,487	7,352	3,868	3,310	7,729
	1914	7	80	771	59	142	248		1914	3	1,088	605	774	615	1,560
Oil, animal and composite.	1919	6	183	269	212	3,084	4,207		1909	4	1,818	927	1,044	1,273	2,539
	1914	6	117	461	98	2,106	3,100	Chemicals.....	1919	8	561	1,660	766	4,144	7,023
	1909	5	43	425	29	797	1,005		1914	5	334	1,491	244	1,464	2,340
Printing and publishing. ⁶	1919	17	134	167	162	258	709		1909	5	195	657	125	1,067	1,626
	1914	14	388	931	376	355	1,063	Clothing, women's.....	1919	25	435	82	350	667	1,226
	1909	9	479	661	406	166	867		1914	31	517	75	235	147	523
All other industries.....	1919	119	16,916	32,630	22,318	33,313	65,125	Confectionery and ice cream.	1919	26	586	770	471	2,244	3,696
	1914	86	11,100	20,607	6,801	12,215	23,535		1914	10	479	697	214	1,176	1,586
	1909	95	11,095	17,143	6,347	14,144	24,744	Cooperage.....	1919	14	234	260	316	1,305	1,921
									1914	6	213	305	131	444	710
									1909	6	202	205	99	351	547

¹ Includes "stamped and enameled ware, not elsewhere specified," in 1914 and 1909.² Includes "automobile repairing"; "plumbers' supplies, not elsewhere specified"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts," in all years; and "gas machines and gas and water meters" and "iron and steel, cast-iron pipe" in 1914 and 1909.³ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."⁴ Comparative statistics by industries for 1914 and 1909 not available.⁵ Includes "automobile repairing"; "gas and water meters"; "iron and steel, tempering and welding"; "machine tools"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts," in all years; and "engines, steam, gas, and water" and "steam fittings and steam and hot-water heating apparatus" in 1919.⁶ Includes "lithographing."⁷ Includes "structural ironwork, not made in steel works or rolling mills," in all years; "automobile repairing" in 1919; and "steam fittings and steam and hot-water heating apparatus" in 1909.⁸ Includes "boxes, wooden packing, except cigar boxes" in 1914 and 1909.⁹ Includes "bookbinding and blank-book making."

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
					Expressed in thousands of dollars.								Expressed in thousands of dollars.		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
JERSEY CITY—Contd.								NEWARK—Contd.							
Copper, tin, and sheet-iron work.	1919	19	148	335	212	522	951	Boxes, paper and other, not elsewhere specified.	1919	14	770	450	494	922	2,251
	1914	23	520	504	336	696	1,475		1914	17	723	331	248	356	802
	1909	28	340	478	241	732	1,284		1909	13	620	301	187	261	648
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	9	174	420	206	427	861	Brass, bronze, and copper products.	1919	20	401	732	471	1,078	3,160
	1914	8	100	183	49	238	330		1914	20	132	208	84	225	432
	1909	7	48	59	27	27	100		1909	22	241	264	139	321	611
Electrical machinery, apparatus, and supplies.	1919	14	1,285	944	1,278	3,150	7,395	Bread and other bakery products.	1919	214	1,459	2,133	1,990	8,685	13,840
	1914	10	865	873	490	1,406	2,557		1914	222	1,284	1,114	923	3,050	5,429
	1909	10	585	522	293	599	1,253		1909	205	1,026	566	738	2,711	4,627
Foundry and machine-shop products. ¹	1919	88	2,204	4,329	3,089	6,925	13,989	Buttons.....	1919	30	1,794	1,729	1,728	2,231	4,995
	1914	85	1,564	2,768	1,104	2,153	4,650		1914	29	1,208	1,512	502	767	1,799
	1909	49	1,790	2,830	1,236	1,941	4,700		1909	29	1,429	726	590	804	1,804
Furniture ²	1919	8	300	526	346	1,030	1,856	Chemicals.....	1919	11	2,475	3,705	2,634	6,738	14,953
	1914	9	517	632	263	560	1,297		1914	12	1,502	4,418	856	3,086	6,077
	1909	8	439	721	214	625	999		1909	9	1,564	4,455	823	2,404	4,805
Knit goods.....	1919	19	304	155	277	778	1,433	Cleansing and polishing preparations.	1919	7	25	88	26	412	679
	1914	13	313	154	213	223	632		1914	8	27	70	20	122	265
	1909	5	168	48	65	233	378	Clothing, women's.....	1919	38	1,277	397	1,076	3,106	5,669
Lumber and timber products. ³	1919	16	708	1,706	735	1,880	3,406		1914	44	1,690	405	622	1,105	2,436
	1914	16	903	1,508	475	1,032	1,828		1909	30	2,320	382	767	1,569	3,349
	1909	20	586	1,053	329	936	1,619	Confectionery and ice cream	1919	26	1,165	469	795	2,610	4,750
Marble and stone work....	1919	9	47	86	63	91	209		1914	14	319	354	159	806	1,201
	1914	8	48	60	42	75	156	Copper, tin, and sheet-iron products. ⁷	1919	44	2,182	1,234	2,244	2,519	6,636
Millinery and lace goods, not elsewhere specified.	1919	43	589	112	411	2,881	3,899		1914	54	2,375	1,516	1,324	1,733	4,241
	1914	26	436	151	201	324	795		1909	43	2,663	1,257	1,424	1,800	4,166
	1909	34	625	269	209	504	1,085	Corsets.....	1919	14	1,939	491	1,496	4,130	8,358
Mineral and carbonated waters.	1919	11	50	51	48	134	216		1914	10	2,521	948	976	2,242	4,622
	1914	14	67	70	47	71	170		1909	9	1,804	464	613	1,259	3,263
	1909	16	59	60	37	53	168	Cutlery and tools, not elsewhere specified.	1919	64	2,219	2,834	2,595	1,367	6,442
Models and patterns, not including paper patterns.	1919	7	136	272	175	58	313		1914	43	1,967	2,462	981	1,074	3,057
	1914	6	51	37	56	8	84		1909	39	1,576	1,616	756	646	2,081
Paper and wood pulp.....	1919	4	282	2,394	278	690	1,149	Electrical machinery, apparatus, and supplies.	1919	31	8,586	16,805	9,268	12,599	32,135
	1914	3	141	1,038	88	297	470		1914	19	4,302	3,365	2,338	3,505	8,920
	1909	4	157	1,250	90	242	462		1909	21	2,820	2,508	1,516	1,482	5,017
Patent medicines and compounds. ⁴	1919	12	106	171	83	457	934	Fancy articles, not elsewhere specified. ⁸	1919	40	1,306	1,857	1,210	2,232	5,080
	1914	15	105	284	75	421	934		1914	37	535	339	282	361	1,033
	1909	13	76	185	40	141	479		1909	14	283	251	137	155	439
Printing and publishing ⁵ ..	1919	51	512	615	789	784	2,306	Food preparations, not elsewhere specified.	1919	28	197	750	164	1,143	1,906
	1914	45	594	848	397	697	1,711		1914	21	122	494	69	362	610
	1909	48	466	642	295	457	1,193		1909	10	84	86	32	214	373
Shipbuilding, wooden, including boat building.	1919	6	340	345	529	608	1,580	Foundry and machine-shop products. ⁹	1919	213	7,835	13,866	9,938	12,714	33,725
	1914	4	136	205	108	98	268		1914	308	6,791	10,780	4,499	6,237	15,003
	1909	168	6,667	8,923	4,228	6,661	15,482	Hats, fur-felt.....	1919	18	1,619	1,882	2,399	4,308	8,395
Silk goods.....	1919	5	652	1,106	625	1,738	3,378		1914	26	2,162	2,210	1,252	1,767	3,901
	1914	5	717	1,060	532	1,115	2,375		1909	35	2,158	2,553	1,419	2,074	4,433
	1909	7	1,048	780	550	1,002	2,071	Jewelry.....	1919	165	3,143	1,610	4,330	14,464	27,484
Slaughtering and meat packing. ⁶	1919	12	1,992	5,289	2,714	71,169	78,236		1914	167	3,344	1,882	2,179	5,482	11,215
	1914	16	1,179	3,303	804	23,158	25,235		1909	145	3,849	1,214	2,511	6,240	13,152
	1909	20	856	945	593	20,537	22,314	Knit goods.....	1919	15	281	102	305	604	1,098
Steam packing.....	1919	5	207	750	282	691	1,361		1914	11	203	57	118	246	492
	1914	4	31	78	18	113	263		1909	7	148	21	47	113	224
	1909	4	43	107	20	105	246	Leather goods ¹⁰	1919	37	1,057	435	1,289	3,268	6,066
All other industries.....	1919	323	20,529	40,549	22,343	145,409	211,855		1914	48	699	400	447	1,059	2,018
	1914	257	18,572	30,241	9,806	71,871	107,181	Leather, tanned, curried, and finished.	1919	55	3,126	9,419	4,513	34,047	48,276
	1909	272	14,408	23,101	6,823	55,061	80,265		1914	64	3,086	7,214	2,092	14,310	20,118
	1909	63	3,794	6,786	2,504	13,416	18,858	Liquors, malt.....	1919	7	1,040	8,563	1,533	3,348	15,332
NEWARK	1919	2,155	86,707	130,791	104,322	337,962	577,609		1914	13	1,580	11,740	1,445	3,267	12,072
All industries.	1914	2,275	63,084	100,466	36,647	113,438	210,601		1909	14	1,229	8,319	1,071	2,799	12,361
	1909	1,857	59,885	78,203	33,071	114,627	201,888								
Boots and shoes.....	1919	9	968	811	980	3,084	5,331								
	1914	10	1,242	474	743	1,718	2,993								
	1909	9	1,402	415	683	1,618	2,773								

¹ Includes "automobile repairing"; "engines, steam, gas, and water"; "iron and steel, tempering and welding"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts," in all years; "hardware" in 1919; and "gas machines and gas and water meters" in 1914.

² Includes "refrigerators" in 1914 and 1909.

³ Includes "boxes, wooden packing, except cigar boxes" and "lumber, planing-mill products, not including planing mills connected with sawmills."

⁴ Includes "perfumery and cosmetics" in 1914 and 1909 and "druggists' preparations" in 1909.

⁵ Includes "bookbinding and blank-book making" in all years and "engraving, steel and copper plate, including plate printing" in 1919.

⁶ Includes "sausage, not made in slaughtering and meat-packing establishments" in 1914 and 1909.

⁷ Includes "stamped ware, not elsewhere specified," in all years and "tinware, not elsewhere specified," in 1914 and 1909.

⁸ Includes "combs and hairpins, not made from metal or rubber" and "ivory, shell, and bone work, not including combs and hairpins."

⁹ Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "hardware, saddlery"; "iron and steel, cast-iron pipe"; "iron and steel, tempering and welding"; "machine tools"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; and "plumbers' supplies, not elsewhere specified" in 1914 and 1909.

¹⁰ Includes "saddlery and harness" and "trunks and valises."

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mater- ials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mater- ials.	Value of prod- ucts.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
NEWARK—Contd.								PATERSON.....							
Lumber and timber prod- ucts. ¹	1919	36	400	1,650	457	1,310	2,404	All Industries.	1919	1,044	37,217	45,895	38,597	114,961	216,659
	1914	38	460	1,397	312	753	1,354		1914	735	30,925	34,017	16,195	40,630	78,429
	1909	26	731	1,413	346	1,076	1,916		1909	702	31,981	34,989	15,205	34,736	69,263
Marble and stone work.....	1919	19	108	899	159	204	620	Boxes, set-up paper boxes..	1919	6	123	66	114	267	547
	1914	28	225	1,049	216	274	687		1914	6	174	75	74	171	307
	1909	23	271	696	250	322	834		1909	8	156	119	66	144	276
Mattresses and spring beds, not elsewhere specified.	1919	9	83	143	121	545	827	Bread and other bakery products.	1919	76	291	318	456	1,749	2,718
	1914	6	48	92	28	118	196		1914	88	287	184	190	709	1,185
	1909	7	270	113	131	437	664		1909	86	238	95	155	692	1,011
Millinery and lace goods, not elsewhere specified.	1919	9	277	130	179	990	1,470	Card cutting and designing.	1919	5	22	7	33	93	192
	1914	8	242	93	94	212	411		1914	7	36	11	21	41	100
	1909	9	241	98	104	201	404		1909	8	32	32	18	21	75
Mineral and soda waters...	1919	19	93	182	130	339	721	Clothing, men's, including shirts.	1919	12	1,496	374	1,025	6,491	9,429
	1914	28	120	128	88	129	348		1914	13	2,077	452	927	2,511	4,995
									1909	12	1,856	411	828	2,016	3,445
Paint and varnish.....	1919	19	1,056	3,152	1,266	11,628	17,977	Confectionery and ice cream.	1919	15	56	231	64	493	721
	1914	19	739	2,861	476	4,029	7,761		1914	16	49	70	32	100	181
	1909	25	613	2,548	385	4,268	6,733	Copper, tin, and sheet-iron work.	1919	11	75	66	80	179	344
Paper goods, not elsewhere specified.	1919	8	150	252	135	1,261	1,898		1914	8	63	66	48	163	253
	1914	7	184	239	82	470	723		1909	7	62	21	38	112	195
	1909	4	47	45	21	136	184	Cotton goods, including cotton small wares.	1919	5	229	208	151	442	850
Pickles and sauces.....	1919	10	52	169	57	594	892		1914	7	156	242	72	118	229
	1914	14	32	33	15	50	105		1909	6	224	365	78	204	380
Printing and publishing ² ..	1919	143	1,722	1,562	2,096	3,537	8,523	Dyeing and finishing tex- tiles, exclusive of that done in textile mills.	1919	52	4,606	8,690	4,743	7,428	20,022
	1914	137	1,513	1,645	1,245	1,385	4,598		1914	38	3,472	4,846	1,901	3,185	7,527
	1909	118	1,668	1,307	1,184	1,247	3,998		1909	24	3,650	7,739	1,832	2,769	6,250
Rubber tires, tubes, and rubber goods, not else- where specified.	1919	8	256	901	223	500	1,123	Foundry and machine- shop products. ⁶	1919	79	2,576	3,512	2,768	3,405	8,671
	1914	7	191	823	108	338	622		1914	53	2,268	3,187	1,213	1,652	3,944
	1909	4	145	470	75	477	691		1909	47	2,246	1,880	1,178	1,535	3,797
Slaughtering and meat packing. ³	1919	14	567	1,345	573	12,817	13,992	Lumber and timber products. ⁷	1919	8	162	530	176	565	1,054
	1914	15	301	1,076	206	4,261	4,832		1914	9	162	407	98	291	490
	1909	13	288	687	188	3,760	4,297		1909	8	163	301	99	234	420
Tobacco manufactures.....	1919	74	1,552	643	1,222	2,486	5,329	Mineral and carbonated waters.	1919	10	31	24	27	80	151
	1914	97	2,430	183	830	1,518	3,560		1914	16	50	31	32	40	106
	1909	101	1,525	175	556	1,003	2,771		1909	17	54	24	31	47	120
Wirework, including wire rope and cable, not else- where specified.	1919	7	230	310	271	1,022	1,587	Printing and publishing ⁸ ..	1919	35	210	393	270	389	1,095
	1914	6	193	260	120	117	356		1914	32	304	526	237	221	696
									1909	42	312	471	183	169	610
All other industries.....	1919	680	35,297	58,031	45,955	174,121	263,085	Silk goods, including throwsters.	1919	574	21,836	15,048	22,852	76,544	139,497
	1914	668	18,586	38,494	10,578	47,244	70,303		1914	291	10,992	11,013	8,082	23,225	44,672
	1909	596	17,722	29,039	9,264	54,294	78,664		1909	276	18,828	13,361	8,872	19,593	39,994
PASSAIC.....								All other industries.....							
All Industries.	1919	234	18,203	42,759	18,472	76,914	129,073		1919	156	5,495	16,428	5,820	16,836	31,368
	1914	195	17,142	31,701	8,049	30,940	53,268		1914	151	4,835	12,907	2,398	8,213	13,789
	1909	167	14,654	23,095	6,101	23,763	40,733		1909	161	4,160	10,110	1,827	7,220	12,090
Bread and other bakery products.	1919	37	75	126	144	522	762	TRENTON.....	1919	389	24,547	61,648	27,858	60,461	122,478
	1914	41	125	61	86	271	441	All Industries.	1914	394	19,828	36,219	11,134	29,943	54,822
	1909	41	134	80	92	320	552		1909	340	18,543	29,839	9,726	27,073	49,115
Foundry and machine- shop products. ⁴	1919	21	493	1,293	633	1,802	4,165	Bread and other bakery products.....	1919	52	271	301	398	1,713	2,586
	1914	13	387	783	264	593	1,195		1914	56	363	301	225	867	1,325
	1909	13	201	468	132	318	692		1909	48	349	221	187	832	1,279
Millinery and lace goods, not elsewhere specified.	1919	34	656	205	454	278	1,034	Brick, tile, pottery, and other clay products.	1919	35	4,460	4,119	5,208	2,778	12,324
	1914	14	365	41	139	582	925		1914	36	4,911	3,210	3,195	1,952	7,011
	1909	6	247	58	70	359	575		1909	34	5,030	3,113	3,143	2,035	6,996
Printing and publishing ⁶ ..	1919	22	139	194	160	132	448	Confectionery and ice cream.	1919	16	326	388	193	895	1,498
	1914	20	131	263	93	71	280		1914	13	245	390	68	448	746
	1909	18	134	232	97	76	289	Copper, tin, and sheet-iron work.	1919	16	42	40	56	73	167
All other industries.....	1919	120	16,840	40,941	17,081	74,180	122,664		1914	15	52	20	38	57	127
	1914	107	16,134	30,553	7,467	29,423	50,427		1909	9	47	20	35	96	182
	1909	89	13,938	22,307	5,710	22,690	38,625								

¹ Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."

² Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

³ Includes "sausage, not made in slaughtering and meat-packing establishments."

⁴ Includes "structural ironwork, not made in steel works or rolling mills" in all years, and "automobile repairing" and "plumbers' supplies, not elsewhere specified" in 1919.

⁵ Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing."

⁶ Includes "automobile repairing"; "iron and steel, welding"; "machine tools"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; and "steam fittings and steam and hot-water heating apparatus" in 1919.

⁷ Includes "lumber, planing-mill products, not including planing mills connected with sawmills."

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

MANUFACTURES—NEW JERSEY.

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TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
					Expressed in thousands of dollars.								Expressed in thousands of dollars.		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
TRENTON—Contd.								TRENTON—Contd.							
Foundry and machine-shop products. ¹	1919	45	2,332	5,397	3,089	5,139	9,857	Rubber tires, tubes, and rubber goods, not else- where specified.	1919	15	3,942	11,156	4,420	17,585	30,393
	1914	43	2,159	3,610	1,439	2,264	4,616		1914	11	1,839	4,150	1,076	5,361	8,068
	1909	28	1,098	3,327	1,096	1,785	3,838		1909	8	936	2,614	501	3,681	4,909
Ice, manufactured.....	1919	4	37	883	51	87	232	Slaughtering and meat packing. ³	1919	9	26	72	37	540	648
	1914	5	37	1,140	24	38	104		1914	14	35	112	29	291	398
	1909	3	40	1,140	20	38	141		1909	9	47	104	30	541	636
Mineral and carbonated waters.	1919	6	53	62	43	105	232	All other industries.....	1919	160	12,741	38,921	13,953	31,130	63,094
	1914	7	47	35	34	136	216		1914	160	9,796	22,993	4,764	18,347	31,427
	1909	6	15	35	10	32	74		1909	160	9,748	19,010	4,472	18,445	30,262
Printing and publishing ² .	1919	31	317	309	410	416	1,447								
	1914	34	344	258	242	182	784								
	1909	35	324	255	223	188	738								
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
ASBURY PARK.....	1919	60	393	839	387	686	1,565	MONTCLAIR.....	1919	34	281	932	317	1,433	2,282
	1914	44	312	670	202	332	766		1914	42	382	1,132	227	993	1,432
	1909	27	264	392	175	294	602		1909	23	252	918	139	669	1,026
BLOOMFIELD.....	1919	59	5,150	10,197	5,077	12,939	25,245	MORRISTOWN.....	1919	56	248	778	252	767	1,352
	1914	57	3,177	8,353	1,644	3,360	8,358		1914	31	218	873	164	367	634
	1909	45	2,957	6,031	1,301	2,301	5,895		1909	31	201	766	130	309	724
BRIDGETON.....	1919	87	2,329	4,170	2,039	6,597	10,959	NEW BRUNSWICK.....	1919	138	7,673	17,706	8,235	18,181	42,625
	1914	83	2,479	2,918	1,411	2,453	4,936		1914	113	6,448	9,619	2,955	6,567	14,814
	1909	74	2,387	2,105	1,183	1,997	4,070		1909	93	5,264	6,337	2,020	4,549	10,005
ENGLEWOOD.....	1919	29	256	508	263	523	1,119	ORANGE.....	1919	81	2,712	3,214	2,518	5,306	13,092
	1914	19	91	296	51	111	321		1914	72	2,126	2,906	1,278	1,939	4,558
	1909								1909	82	1,770	2,812	1,133	1,442	3,459
GARFIELD.....	1919	56	5,025	11,884	5,313	20,509	40,234	PERTH AMBOY.....	1919	124	9,197	53,026	10,312	199,307	230,658
	1914	39	5,869	8,574	2,639	11,365	16,113		1914	128	9,202	48,968	4,905	135,745	148,960
	1909	25	2,530	5,416	1,080	5,975	8,894		1909	83	7,082	29,787	3,460	104,077	118,598
GLOUCESTER.....	1919	21	6,225	10,924	7,710	9,182	19,991	PHILLIPSBURG.....	1919	53	5,403	12,374	5,393	14,007	29,408
	1914	23	1,945	3,068	739	3,213	4,711		1914	40	4,359	9,795	2,487	5,576	11,329
HACKENSACK.....	1919	45	698	1,361	740	2,118	3,708		1909	39	3,432	7,061	1,732	4,770	9,150
	1914	43	766	1,343	421	1,052	2,253	PLAINFIELD.....	1919	94	3,421	6,415	3,028	9,822	17,540
	1909	46	738	1,021	360	899	1,978		1914	78	1,832	4,064	1,176	2,761	5,009
HARRISON.....	1919	63	13,026	41,833	16,004	29,417	61,767		1909	60	1,758	3,912	968	1,530	3,649
	1914	52	7,404	15,931	4,003	7,358	17,961	UNION.....	1919	116	1,506	3,042	1,488	3,583	8,195
	1909	55	6,893	8,381	3,889	5,641	13,770		1914	75	1,479	2,998	867	2,090	4,465
IRVINGTON.....	1919	89	1,956	4,496	2,578	6,707	12,175		1909	83	1,855	1,829	1,005	2,478	5,883
	1914	74	921	2,700	537	5,923	7,350	WEST HOBOKEN.....	1919	307	3,565	3,151	3,482	7,849	16,653
	1909	51	540	967	278	2,343	3,018		1914	189	3,454	2,299	1,910	2,830	6,601
KEARNY.....	1919	49	14,860	26,074	19,119	42,700	80,832		1909	137	2,782	1,477	1,425	2,488	5,577
	1914	51	5,094	10,409	3,196	8,755	15,420	WEST NEW YORK.....	1919	192	3,208	3,806	3,295	20,084	28,378
	1909	34	4,001	7,235	2,204	7,971	12,380		1914	98	2,335	2,465	1,402	10,045	13,961
LONG BRANCH.....	1919	65	841	1,413	740	1,330	3,013		1909	66	1,508	1,443	729	7,409	9,274
	1914	33	410	1,079	206	449	1,055								
	1909	34	415	922	225	684	1,117								
MILLVILLE.....	1919	44	3,857	5,561	3,822	4,468	10,416								
	1914	50	3,193	3,420	1,813	1,856	4,644								
	1909	39	2,761	3,681	1,424	1,599	4,182								

¹ Includes "automobile repairing", "hardware", "plumbers' supplies, not elsewhere specified", and "structural ironwork, not made in steel works or rolling mills."
² Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing" in 1914 and 1909.
³ Includes "sausage, not made in slaughtering and meat-packing establishments."

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

	All industries	11,057	602,170	9,340	22,074	41,066	20,995	508,686	De	537,639	Mh	482,240	(3)	(3)	(3)	(3)	(3)	Dollars.
1																		2,815,577,127
2	Agricultural implements	10	303	10	26	22	26	219	Ja	284	Oc	175	206	206	-----	-----	-----	2,396,138
3	Aluminum manufactures	5	1,289	-----	51	55	40	1,163	De	1,709	Ja	808	1,729	1,689	140	-----	-----	10,165,364
4	Ammunition	5	1,280	-----	54	142	105	979	Ja	2,154	Jy	622	1,056	942	110	3	1	6,898,164
5	Artificial flowers	14	112	12	7	-----	-----	90	Ja	99	Je	78	91	33	52	3	3	298,372
6	Artificial stone products	76	427	70	35	15	12	285	Se	393	Ja	180	333	333	-----	-----	-----	1,328,819
7	Artists' materials	8	357	1	20	26	16	294	De	314	Ja	270	315	273	42	-----	-----	1,561,237
8	Asbestos products, not including steam packing	6	158	-----	20	10	10	118	De	129	Ap	110	129	126	3	-----	-----	341,622
9	Automobile bodies and parts	110	3,782	101	124	221	176	3,100	De	3,717	Fe	2,461	3,746	3,532	214	-----	-----	8,923,205
10	Automobiles	6	2,643	-----	91	299	94	2,359	Ja	2,793	Ap	2,035	2,656	2,695	61	-----	-----	11,578,691
11	Automobile repairing	493	2,393	492	90	84	100	1,627	Jy	1,747	Ja	1,473	1,693	1,605	6	22	-----	4,328,592
12	Awnings, tents, and sails	59	283	57	22	6	8	190	Je	249	De	146	223	120	102	1	-----	510,569
13	Bags, other than paper, not including bags made in textile mills	14	875	12	13	16	10	824	Ja	1,060	Mh	576	906	424	429	32	21	5,488,719
14	Baskets, and rattan and willow ware	24	186	28	5	-----	1	152	Au	198	No	106	167	160	3	4	-----	363,544
15	Belting and hose, rubber	5	2,481	-----	36	632	152	1,661	De	2,276	Mh	533	2,276	2,135	137	4	-----	18,785,515
16	Belting and hose, woven, other than rubber	5	563	-----	30	82	31	420	No	443	My	401	440	208	227	2	3	4,734,127
17	Belting, leather	10	130	10	7	22	9	82	My	85	Ap	81	81	64	16	1	-----	630,402
18	Blacking, stains, and dressings	11	382	4	13	55	9	301	No	358	Mh	96	355	188	118	37	12	2,215,161
19	Bookbinding and blank-book making	34	445	38	14	52	26	315	De	341	Ja	276	341	212	127	2	-----	615,485
20	Boot and shoe findings	5	74	2	10	3	2	57	Jy	66	Ja	38	59	26	33	-----	-----	230,816
21	Boots and shoes, not including rubber boots and shoes	34	3,165	20	132	95	83	2,835	De	2,017	Ja	2,075	3,062	1,792	1,185	43	42	7,120,905
22	Boxes, cigar	5	97	4	5	3	1	84	De	95	My	71	95	42	53	-----	-----	54,323
23	Boxes, paper and other, not elsewhere specified	51	3,008	25	139	107	78	2,659	-----	-----	-----	-----	2,834	1,091	1,598	33	112	4,594,371
24	Shipping containers, corrugated and fiber	4	542	1	18	28	16	479	Ja	594	Fe	410	477	238	232	1	6	1,623,969
25	Set-up paper boxes	39	1,750	20	88	27	29	1,586	De	1,717	Ja	1,477	1,717	438	1,154	28	97	1,642,516
26	All other	8	716	4	33	52	33	594	De	630	Au	517	640	415	212	4	9	1,327,886
27	Boxes, wooden packing, except cigar boxes	36	1,335	34	44	33	27	1,197	Fe	1,233	Je	1,153	1,213	1,181	13	10	-----	3,750,217
28	Brass, bronze, and copper products	67	2,611	57	123	165	81	2,185	-----	-----	-----	-----	2,388	2,305	71	10	2	12,542,950
29	Brass and bronze products	61	2,138	53	97	108	56	1,824	Ja	2,244	Se	1,624	1,988	1,945	35	5	-----	10,475,479
30	All other	6	473	4	26	57	25	361	De	402	Ja	331	403	360	30	5	2	2,067,471
31	Bread and other bakery products	1,263	8,513	1,387	158	689	368	5,911	-----	-----	-----	-----	0,297	5,402	819	67	9	25,866,949
32	Biscuit and crackers	4	134	3	4	10	5	112	De	165	Je	87	165	85	52	26	2	298,039
33	Bakery products, other than biscuit and crackers	1,259	8,379	1,384	154	679	363	5,799	Au	0,067	Ja	5,491	6,132	5,317	707	41	7	25,658,310
34	Brick and tile, terra-cotta, and fire-clay products	67	3,963	25	198	130	66	3,544	-----	-----	-----	-----	4,358	4,075	266	9	8	18,720,086
35	Building brick	32	1,550	21	60	41	8	1,411	Se	1,692	Fe	874	1,485	1,482	1	2	-----	6,128,903
36	Fire brick	5	273	1	15	5	4	248	Au	319	Ja	176	316	316	-----	-----	-----	1,143,264
37	Terra-cotta products	23	1,860	-----	88	71	46	1,655	No	2,400	Mh	765	2,340	2,080	245	7	8	9,293,222
38	All other	7	280	3	26	13	8	230	Ja	323	Je	192	217	197	20	-----	-----	2,155,597
39	Brooms, from broom corn	11	167	13	7	6	3	138	De	165	Ja	124	165	125	40	-----	-----	225,837
40	Brushes	25	1,075	25	35	55	42	918	De	985	Ja	860	987	651	306	13	14	3,277,990
41	Butter	5	10	4	1	-----	-----	5	(c)	5	(c)	5	6	6	-----	-----	-----	53,282
42	Buttons	70	2,789	60	94	43	22	2,570	No	2,764	Ja	2,340	2,725	1,823	865	16	21	3,933,849
43	Canning and preserving, fish	3	19	3	1	1	1	13	No	17	Je	9	15	15	-----	-----	-----	267,996
44	Canning and preserving, fruits and vegetables	53	3,307	42	108	243	169	2,685	-----	-----	-----	-----	4,751	2,504	2,246	-----	1	21,088,071
45	Canned vegetables	35	2,869	33	142	239	161	2,294	Se	3,894	Ap	1,188	3,758	2,218	1,540	-----	-----	19,672,604
46	Canned fruits	18	438	9	26	4	8	391	Oc	1,072	Fe	44	993	286	706	-----	1	1,415,767
47	Card cutting and designing	5	35	4	7	1	1	22	Fe	1,275	My	20	21	21	-----	-----	-----	109,970
48	Carpets and rugs, other than rag	5	979	3	18	26	15	917	De	1,077	Ja	776	1,077	734	319	14	10	5,801,563
49	Carpets, rag	15	106	17	-----	-----	4	85	No	106	Ja	61	99	65	34	-----	-----	128,664
50	Carriages and sleds, children's	6	130	3	10	3	2	112	De	142	Ja	88	143	122	17	4	-----	163,547
51	Carriages and wagons, including repairs	118	491	143	14	7	5	322	-----	-----	-----	-----	329	327	1	1	-----	1,253,300
52	Carriages and wagons	41	241	50	8	7	3	173	Au	183	Ja	160	174	174	-----	-----	-----	778,539
53	Repair work only	77	250	93	6	-----	2	149	Je	153	Ja	146	155	153	-----	1	1	474,761
54	Cars and general shop construction and repairs by electric-railroad companies	15	1,366	-----	10	11	3	1,333	Ja	1,533	Je	1,178	1,324	1,323	1	-----	-----	3,094,024
55	Cars and general shop construction and repairs by steam-railroad companies	36	11,252	-----	508	276	147	10,321	De	10,902	Ap	9,455	10,869	10,800	68	1	-----	12,367,108
56	Cheese	8	15	7	-----	-----	8	-----	Au	11	Ja	7	6	6	-----	-----	-----	162,832
57	Chemicals	78	15,962	9	667	1,165	749	12,472	De	13,127	Ap	11,277	13,099	12,085	990	14	10	90,993,211
58	Chewing gum	8	155	-----	28	8	7	112	My	182	De	89	88	60	28	-----	-----	996,224
59	China decorating, not including that done in potteries	8	101	6	3	4	3	85	-----	-----	-----	-----	98	36	57	-----	5	182,471
60	Decalcomania work on china	3	36	2	2	2	-----	30	De	35	Ja	27	35	9	24	-----	2	102,656
61	All other	5	65	4	1	2	3	55	No	64	Ja	46	63	27	33	-----	3	79,815
62	Chocolate and cocoa products	8	599	8	25	18	29	480	Oc	535	Mv	435	532	379	138	11	4	2,612,298

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

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

COMBINED AND SPECIFIED INDUSTRIES: 1919.

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

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
89,134,009	81,940,258	600,658,345	27,716,816	10,327,057	120,286,240	2,194,512,449	75,960,830	3,672,064,987	1,401,591,708	1,146,744	573,463	207,971	40,830	12,528	311,952	418,391	1	
68,379	69,192	239,414	1,211,774	1,104	36,263	671,165	29,026	1,364,819	664,628	591	120	3,613	356	100	15	3,725	2	
95,952	100,089	3,506,642	30,153	4,499	531,333	4,169,172	137,973	7,060,276	2,753,131	4,655	229	2,000	700	250	813	1,260	3	
198,796	288,832	969,031	667	7,996	202,383	1,852,362	92,320	3,945,431	2,001,749	3,843	700	2,000	250	300	1,143	1,260	4	
13,550	2,139	93,320	23,085	5,981	2,331	129,822	3,827	334,972	201,323	42	211	250	155	240	42	170	5	
68,027	33,878	338,586	29,856	2,459	24,595	426,060	19,045	1,154,639	709,534	700	211	250	155	240	189	170	6	
111,371	72,769	340,565	29,856	2,459	120,322	1,273,790	33,146	2,380,597	1,073,661	1,454	211	250	155	240	259	170	7	
68,453	10,108	212,130	29,856	2,459	316,950	13,185	13,185	849,785	519,650	271	140	250	155	240	131	170	8	
490,446	341,862	4,150,935	6,330	120,269	490,614	6,234,843	167,765	15,110,688	8,708,080	5,939	660	3,500	585	1,214	2,341	2,341	9	
285,923	567,091	3,506,642	12,866	242,635	1,525,833	30,529,043	153,369	39,560,664	8,878,255	3,245	300	3,500	585	1,214	2,341	2,341	10	
169,428	161,378	2,144,100	117	23,085	47,386	2,204,678	107,622	6,129,747	3,817,447	2,083	105	388	10	1,590	6	1,590	11	
35,008	14,871	100,269	4,584	223,991	5,981	427,798	6,401	892,482	458,283	112	10	10	10	10	92	170	12	
78,440	36,902	539,594	2,370	4,770	223,991	12,724,755	19,079	14,606,734	1,952,900	351	275	3	3	73	375	375	13	
14,104	780	133,455	307,431	5,011,354	4,770	262,320	3,045	524,079	258,714	464	338	100	26	60	40	1,430	14	
289,237	906,058	1,901,149	117,292	2,189,026	307,431	2,189,026	37,233	3,706,636	5,618,577	9,679	3,495	100	400	100	5,578	1,430	15	
102,013	165,415	300,384	6,030	7,146	6,030	706,573	8,904	1,001,526	280,049	803	750	100	400	100	113	260	16	
67,023	48,504	90,336	3,078	11,132	48,504	974,547	24,506	1,754,846	755,793	104	7	7	2	2	97	17	17	
52,163	90,169	242,004	15,321	6,323	52,163	440,981	14,992	1,180,032	718,059	352	330	2	2	2	22	42	18	
42,199	97,828	206,631	12,026	1,897	42,199	156,361	3,991	360,097	199,745	192	20	2	2	2	170	19	19	
21,831	9,155	40,665	39,457	30,801	24,663	156,361	3,991	360,097	199,745	72	62	74	74	74	10	20	20	
419,265	353,542	2,459,177	4,036	9,024	175,837	7,733,971	77,020	12,864,068	5,053,077	2,057	1,389	74	74	74	594	409	21	
20,101	6,195	65,016	14,027	87,610	9,024	105,807	2,324	247,961	139,830	67	5	5	5	5	62	22	22	
454,898	310,760	2,070,890	2,449	2,184	94,397	3,657,008	88,331	8,201,921	4,456,582	2,198	535	155	50	50	1,458	23	23	
55,540	76,088	411,474	31,231	790,750	31,231	790,750	19,197	1,611,365	795,418	655	75	120	120	120	480	24	24	
257,324	69,030	1,003,051	6,478	62,042	31,133	1,579,234	35,851	3,758,086	2,143,001	550	120	35	35	35	395	25	25	
142,034	165,642	655,705	5,100	22,784	32,033	1,281,024	33,283	2,832,470	1,518,163	993	340	15	15	15	603	26	26	
204,141	99,497	1,512,937	2,873	5,385	140,126	6,252,467	24,706	8,756,166	2,478,993	1,501	702	15	15	15	678	27	27	
506,241	276,725	2,595,454	48,260	30,721	363,314	7,977,372	491,621	14,412,106	5,943,113	11,056	4,730	10	253	253	6,063	497	28	
399,292	104,212	2,163,406	48,260	20,421	210,771	6,634,410	402,374	11,924,177	4,887,393	8,655	1,930	10	153	153	6,502	29	29	
106,949	112,513	431,988	0,693	539,828	152,543	1,342,902	89,247	2,487,929	1,055,720	3,001	2,800	100	100	100	101	407	30	
527,409	1,012,064	8,440,239	0,693	539,828	380,318	35,882,904	1,029,184	55,763,446	18,851,358	13,307	1,954	404	283	18	10,618	1,615	31	
10,594	16,251	85,407	0,693	539,828	3,530	375,456	10,593	187,843	187,843	121	121	404	283	18	10,547	1,015	32	
516,815	990,413	8,354,832	0,693	539,828	377,628	35,507,448	1,018,591	55,189,554	18,663,515	13,186	1,934	404	283	18	10,547	1,015	33	
533,370	282,958	3,850,313	49,013	269,447	269,447	1,631,337	1,146,904	10,127,176	7,348,935	17,523	12,897	80	458	458	4,088	2,179	34	
183,060	61,794	1,561,822	30,427	143,534	143,534	670,069	551,136	4,203,950	2,982,745	8,282	5,957	362	362	362	1,963	183	35	
33,689	12,819	216,193	4,961	66,113	42,448	161,480	70,214	851,193	619,499	888	670	73	73	73	245	290	36	
245,880	105,098	1,814,186	4,961	66,113	66,113	651,483	474,906	4,408,686	3,282,297	6,924	6,195	80	195	195	649	1,706	37	
70,741	43,247	267,162	4,961	66,113	66,113	651,483	474,906	4,408,686	3,282,297	1,429	1,175	23	23	23	1,231	38	38	
23,660	11,090	123,448	4,961	66,113	66,113	651,483	474,906	4,408,686	3,282,297	83	25	10	10	10	48	3	39	
169,202	245,466	880,864	2,803	12,972	31,474	2,429,653	51,926	4,263,473	1,781,894	742	330	48	48	48	364	171	40	
900	5,620	5,620	488	115,028	276	115,028	3,687	160,395	31,080	103	88	88	88	88	15	41	41	
346,212	80,340	2,402,061	16,059	87,466	123,853	2,898,651	100,888	7,021,472	4,021,933	2,528	1,260	225	225	225	1,043	55	42	
1,600	2,652	16,561	106	21,852	49,808	284,544	1,041	328,873	43,288	19	19	32	32	32	698	1,567	43	
805,932	579,921	2,103,020	106	21,852	649,303	14,080,501	134,972	24,618,704	9,803,231	3,586	2,827	32	29	29	698	1,567	44	
748,987	568,909	2,002,264	106	18,934	622,692	13,687,049	121,455	23,257,939	9,449,435	3,026	2,331	32	24	24	671	1,566	45	
56,945	11,012	190,755	2,918	20,611	20,611	993,452	13,517	1,360,765	353,796	560	496	32	5	5	27	1	46	
17,308	2,020	33,192	4,039	4,039	510	91,901	962	191,998	99,135	7	695	25	40	40	7	207	47	
129,756	76,709	850,312	2,095	1,200	75,057	3,169,061	49,870	5,912,168	2,693,237	1,191	695	25	40	40	496	207	48	
1,987	64,930	64,930	2,840	1,584	1,584	84,985	2,868	197,935	110,082	79	25	40	40	40	14	49	49	
26,221	5,017	82,140	5,004	2,223	133,301	3,368	3,368	308,075	172,006	59	41	201	25	25	18	50	50	
29,415	15,300	466,884	13,067	14,880	553,784	20,214	20,214	1,401,847	821,849	632	44	201	25	25	362	51	51	
20,679	13,720	209,399	5,061	2,840	6,884	360,384	12,199	787,516	414,933	316	24	133	63	25	154	52	52	
8,736	1,580	197,485	7,902	10,827	7,996	183,400	14,015	614,331	406,916	316	20	133	63	25	208	53	53	
49,625	21,173	1,754,803	15,000	15,041	15,041	1,530,849	41,239	3,489,418	1,911,330	3,887	3,887	20	133	25	3,887	54	54	
1,156,203	538,067	15,198,882	154,392	11,176,053	609,859	29,467,415	17,681,503	17,681,503	17,681,503	19,056	12,370	2,760	103	103	3,823	8,216	55	
3,122,104	2,753,623	14,903,510	804,679	55,900	3,060,252	42,109,006	3,003,988	84,033,941	38,860,317	54	54	0,923	1,088	1,088	7,595	16,867	56	
111,322	12,830	119,725	2,282	13,076	26,075	818,899	24,303	1,332,041	489,199	36,807	18,201	0,923	1,088	1,088	211	15	57	
22,130	5,319	67,684	120	3,541	53,079	3,094	3,094	124,174	68,001	15	250	250	250	250	15	59	59	
20,000	2,702	25,110	2,162	631	24,217	3,2												

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
139,977	152,080	226,852	658	12,200	101,877	1,197,312	15,808	2,521,087	1,307,967	321	188				133	103
27,580	43,360	36,653		0,444	26,445	360,269	4,828	678,663	1,307,566	88	12				76	2
112,397	108,711	190,199		5,756	75,432	831,043	10,980	1,842,424	1,000,401	233	176				57	103
682,269	323,797	5,470,830	753,068	173,249	71,321	6,276,145	85,945	15,949,599	9,587,489	946	43				854	3
603,807	301,323	1,604,738	648,757	113,503	61,046	6,043,848	35,066	10,215,208	4,136,294	502	8				445	5
480,143	131,599	1,090,964	635,537	91,669	38,889	3,875,719	21,763	6,759,520	2,802,038	156	49				156	6
123,664	169,724	513,774	13,220	21,834	22,157	2,168,129	13,303	3,455,053	1,274,256	346	8				289	7
78,462	22,474	3,860,092	104,311	59,746	10,275	232,297	50,879	5,734,351	5,451,175	444	35				409	8
62,089	16,594	3,430,560	104,311	48,507	7,095	203,311	43,425	4,371,803	4,122,067	380	29				309	9
8,134	5,880	288,495		7,146	2,941	16,750	5,098	1,192,945	1,170,101	26	6				74	10
8,239		147,037		4,093	239	9,230	1,450	169,603	158,917	3					25	11
		4,204		492	8	785	288	10,015	8,942						3	12
423,296	462,188	4,417,131	340,263	176,044	120,222	9,221,638	94,655	17,900,421	8,584,128	1,393	150				1,087	43
295,771	421,535	2,468,777	308,598	102,941	115,677	8,900,727	52,242	14,915,995	5,963,026	791	150				510	43
25,466	76,423	502,751	75,210	14,252	1,934	1,558,246	6,116	2,512,653	948,291	68					68	15
40,613	52,881	441,722	89,917	23,262	5,278	2,100,322	9,825	3,054,791	944,644	156					131	16
130,751	199,181	991,058	46,330	41,518	23,866	3,894,332	18,370	6,725,603	2,812,901	308	150				130	25
21,294	10,547	110,870		1,302	1,567	101,011	4,152	274,121	168,958	48					33	18
77,647	82,503	413,376	97,141	22,607	83,032	1,240,816	13,779	2,348,827	1,088,232	211					148	19
127,525	40,653	1,948,354	31,605	73,103	4,545	320,911	42,413	2,984,426	2,621,102	602					577	20
17,127	7,401	521,766	2,719	16,777	1,337	93,754	11,784	800,422	694,884	152					131	21
75,889	32,074	950,335	16,114	36,324	2,018	182,094	19,036	1,457,553	1,255,823	289					289	22
13,900		192,981	865	5,630	622	7,509	5,179	280,729	208,041	64					64	23
8,955		150,460	10,467	7,420	325	28,030	3,539	229,887	198,318	52					48	24
11,654	578	126,812	1,500	6,952	243	9,521	2,275	215,835	204,036	45					45	25
2,796,262	1,848,202	10,812,866	235,025	493,347	1,113,444	22,783,812	1,477,061	44,740,496	20,479,023	26,977	8,093	10,080			8,772	8,491
134,248	1,020,486	230,806	50	31,924	121,026	4,625,582	25,414	7,217,007	2,506,011	359	125				159	26
6,000	11,288	124,806		4,720	8,011	264,009	6,117	543,433	273,307	215					62	28
15,137	10,448	98,525		50	10,337	1,793,091	28,429	2,196,550	375,030	423	224				199	5
437,999	570,908	2,294,250	5,229	200,211	420,783	9,879,369	297,560	16,898,953	6,722,024	4,280	1,234				2,275	329
251,742	398,557	1,532,007	1,107	115,944	294,278	5,214,261	119,695	9,498,606	4,164,650	1,497	692				690	31
186,257	172,351	762,243	4,122	84,267	126,505	4,665,108	177,865	7,400,347	2,557,374	2,788	542	110			1,685	130
143,702	63,087	1,300,602	103	44,682	225,520	6,263,293	32,540	8,626,571	2,330,738	1,466	1,211				245	166
110,740	82,869	1,142,440	103	36,960	208,662	5,628,194	28,671	7,591,698	1,934,893	1,297	1,106				191	134
32,962	10,228	1,158,162		7,722	16,867	635,099	3,869	1,034,573	395,905	169	105				54	32
245,439	92,173	1,235,434	22,476	48,871	34,945	2,103,631	28,986	4,711,084	2,378,467	836					683	36
441,197	215,581	1,794,974		538,068	9,610,371	178,949	14,540,263	4,750,943	2,781,150	6,376	4,717	625			1,034	2,328
63,702	15,008			8,559	148,927	476,938	5,330	733,427	251,150	42	12				80	38
74,403	74,237	601,382		8,415	142,897	1,719,774	139,475	3,259,262	1,400,013	2,317	240				2,077	10
415,289	742,504	1,652,354	36,096	75,417	382,237	4,390,987	27,373	9,292,523	4,874,103	555	266				213	200
224,492	287,396	837,720	31,467	51,716	75,232	1,328,784	13,550	4,315,049	1,972,715	253	165				71	200
100,797	455,108	814,634	4,629	23,701	307,005	2,062,203	13,823	4,977,474	2,901,448	302	100				142	42
894,775	200,706	8,115,852	18,990	14,601	1,906,511	39,856,021	756,202	58,705,655	18,093,342	22,373	12,352	4,687	111	710	4,513	9,333
51,602	44,980	21,470	39,928	2,345	30,542	409,116	10,610	998,722	378,990	149					134	8
58,265	9,355	149,663	25,508	21,518	391,505	8,444	771,049	771,049	371,100	258	150				43	45
367,320	322,977	2,086,414	2,353	25,908	200,276	1,197,581	146,816	5,598,041	4,253,644	2,672	1,120				1,387	63
150,404	172,358	1,040,092	2,353	6,890	148,927	365,896	77,932	2,479,161	2,035,353	924	610				224	47
216,916	150,619	1,046,322		19,016	51,349	831,685	68,884	3,118,880	2,218,311	1,748	510				1,163	63
2,350	780	15,242	3,198	972	1,475	52,035	1,654	98,853	45,164	54					54	49
183,970	237,088	502,737		4,669	74,282	3,012,482	78,662	5,334,918	2,243,774	1,436	565				863	314
3,145,522	1,206,251	14,931,758	598,713	125,875	2,363,181	41,712,221	2,509,779	79,305,174	35,083,174	28,703	22,009	3,294	226	50	3,064	12,548
314,940	103,775	497,624		15,238	88,119	3,443,082	105,885	5,924,057	2,375,090	2,312	435	1,150			727	1,049
4,793,270	5,907,280	27,305,532	257,015	203,794	4,045,804	57,038,248	1,894,374	120,341,356	61,358,734	51,604	22,157	6,200	1,482	100	21,725	23,029
1,800	3,584	106,259	100	9,271	1,341	55,000	7,386	250,629	188,243	183					145	54
817,298	1,040,197	3,592,362	28,262	9,334	1,211,733	5,255,907	159,676	19,387,212	13,971,629	7,812	2,083	1,044			3,723	3,079
7,020	7,714	142,572	0,164	10,003	628	56,556	2,834	357,135	297,745	68					44	56
32,202	13,220	242,571	0,817	12,978	1,231	61,321	7,824	540,197	477,052	118					110	57
433,445	236,309	1,594,992	13,148	75,006	60,226	2,705,763	70,745	6,220,604	3,444,096	2,067	342				1,549	37
64,959	50,145	285,779		20,367	3,867	574,386	18,327	1,188,910	646,197	50					199	37
250,703	133,287	718,427	1,094	31,389	48,900	1,469,732	26,887	3,231,351	1,734,732	1,409	117				1,238	60
117,753	52,877	590,780	11,320	25,250	7,459	661,645	25,531	1,850,843	1,163,167	409	175				112	61
26,277	7,660	82,007		2,264	2,360	101,024	2,640	439,791	336,127	272	260				9	165
44,410	47,416	283,378		11,100	46,135	1,071,403	41,176	1,950,300	837,721	754	645				47	503
255,244	287,894	2,062,704	2,000	3,108	277,276	11,487,483	323,553	15,758,105	3,947,069	6,639	4,450				1,794	5,684
173,159	89,930	1,046,424	294	10,979	739,703	1,129,042	153,378	4,527,139	3,244,791	3,140	2,150				970	485
56,067	8,533	182,285		1,002	8,643	436,177	11,119	823,987	376,691	221	180				41	22
39,596	36,679	51,305	1,167	4,200	9,815	949,142	6,096	776,096	320,258	176	154				15	67
52,609	32,508	219,895	2,205	18,024	25,663	4,992,500	43,188	6,040,151	1,004,463	631	562	30	1,147	4,367	525	18

³ Same number reported for one or more other months.</

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Pro- pri- etors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—			Male.	Fe- male.	Male.		Fe- male.
								Maximum month.	Minimum month.						

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

1	Food preparations, not elsewhere specified.	100	1,829	107	108	185	70	1,359	-----	-----	1,464	1,072	352	14	26	Dollars. 7,447,352
2	Macaroni, vermicelli, and noodles	60	503	74	34	62	23	400	Ja 449	My 350	452	305	116	11	20	1,971,096
3	Meat products, not elsewhere specified.	10	306	6	21	49	15	215	Ja 404	Ap 132	236	132	104	-----	-----	820,692
4	All other for human consumption.	20	724	19	30	58	9	608	My 687	Au 546	637	503	125	3	6	3,576,198
5	For animals and fowls	10	206	8	23	16	23	136	Ja 140	Jy 128	139	132	7	-----	-----	1,079,366
6	Foundry and machine-shop products	446	30,552	287	1,187	2,892	1,153	25,033	-----	-----	28,020	24,800	1,080	126	14	119,153,538
7	Boiler shops	13	2,589	8	27	509	173	1,852	Ja 2,798	Jy 1,515	1,704	1,700	4	-----	-----	26,586,982
8	Foundries	59	4,313	35	145	182	65	3,886	De 4,164	My 3,715	4,103	4,107	46	3	7	9,624,637
9	Machine shops	353	20,605	234	885	1,976	827	16,683	Ap 17,130	Jy 16,080	17,244	16,150	956	122	7	72,487,318
10	Machine shop and foundry combined.	21	3,065	10	130	225	88	2,612	Ja 2,926	Mh 2,419	2,909	2,834	74	1	-----	10,454,601
11	Tur goods	27	157	27	7	6	8	109	No 149	Ap 91	141	65	72	-----	-----	400,383
12	Furnishing goods, men's	29	3,086	33	63	86	2,841	-----	-----	-----	3,104	309	2,610	18	137	6,197,003
13	Neckwear	5	73	5	1	5	1	61	No 76	Ap 51	67	6	61	-----	-----	23,909
14	All other	24	3,013	28	62	58	85	2,780	No 3,137	Mh 1,788	3,037	303	2,579	18	137	6,173,091
15	Furniture	78	2,579	66	113	152	112	2,136	-----	-----	2,419	2,365	46	8	-----	9,416,814
16	Wood, other than rattan and willow.	37	765	31	26	6	28	671	No 742	Ja 587	736	710	26	-----	-----	2,313,275
17	Rattan and willow	12	234	10	6	6	4	208	De 240	No 168	213	221	15	7	-----	366,316
18	Metal	12	1,088	3	51	100	65	869	Ja 1,047	Ap 718	1,033	1,027	5	1	-----	5,379,393
19	Store and office fixtures	17	492	19	30	40	15	388	Se 410	Ja 339	407	407	-----	-----	-----	1,387,830
20	Furs, dressed	18	1,611	10	46	19	15	1,551	Se 1,714	De 1,322	1,710	1,389	312	6	3	2,322,547
21	Galvanizing	3	95	-----	6	3	2	84	Fe 107	No 62	62	60	2	-----	-----	222,275
22	Gas and electric fixtures	12	2,136	10	61	150	149	1,763	-----	-----	1,914	909	887	45	73	12,717,231
23	Electric fixtures	5	86	5	9	10	4	58	De 81	Ja 39	81	80	1	-----	-----	188,870
24	All other	7	2,050	5	55	140	145	1,705	De 1,833	Ja 1,025	1,833	829	886	45	73	12,528,352
25	Gas, illuminating and heating	38	3,859	-----	188	1,219	369	2,083	Ja 2,303	Ap 1,924	2,073	2,065	8	-----	-----	105,766,467
26	Gas machines and gas and water meters.	6	325	-----	21	45	24	235	Je 257	Oc 165	235	215	20	-----	-----	1,229,400
27	Glass	21	6,493	5	136	264	146	5,942	De 6,811	Au 4,488	6,960	5,997	882	75	12	12,508,430
28	Glass, cutting, staining, and ornamenting.	45	760	33	49	17	27	634	De 600	Au 490	709	512	161	23	13	1,145,805
29	Gold, leaf and foil	17	170	21	6	-----	-----	143	De 164	Ja 133	164	82	81	1	-----	140,836
30	Gold and silver, reducing and refining, not from the ore.	14	437	9	33	66	17	312	De 343	Mh 297	352	315	37	-----	-----	4,669,576
31	Grease and tallow, not including lubricating greases.	67	410	68	27	6	10	209	-----	-----	202	280	2	1	-----	1,871,130
32	Soap stock	54	276	58	14	3	6	195	Au 221	Je 177	185	183	1	1	-----	1,121,472
33	All other	13	134	10	13	3	4	104	Jy 111	Fe 95	107	106	1	-----	-----	749,658
34	Hair work	5	31	4	1	-----	-----	26	Se 28	Au 22	28	1	27	-----	-----	25,382
35	Hand stamps	4	17	-----	2	-----	-----	9	(*) 9	(*) 9	9	9	-----	-----	-----	14,425
36	Hardware	27	1,627	21	53	55	64	1,434	-----	-----	1,480	1,159	280	29	12	4,243,006
37	Locks	5	97	6	5	5	3	78	No 83	Fe 73	82	71	11	-----	-----	171,927
38	Builders' and vehicle hardware	10	202	8	8	11	5	170	No 183	Ap 162	179	160	14	5	-----	340,590
39	All other	12	1,328	7	40	39	56	1,186	De 1,231	Ja 1,155	1,219	928	255	24	12	3,685,389
40	Hardware, saddlery	7	155	6	11	3	4	131	Ja 146	My 126	133	130	2	1	-----	607,470
41	Hat and cap materials	9	508	8	16	8	5	471	Au 535	Ja 396	494	249	243	1	1	4,500,560
42	Hats and caps, other than felt, straw, and wool.	21	333	22	9	10	4	288	Ja 311	Se 272	276	114	162	-----	-----	413,663
43	Hats, fur-felt	31	3,596	25	130	103	35	3,303	No 3,588	My 3,026	3,509	2,768	825	6	-----	9,428,583
44	Hats, wool-felt	3	9	2	-----	-----	-----	7	Se 14	Ja 2	14	7	7	-----	-----	17,709
45	House-furnishing goods, not elsewhere specified.	16	370	7	25	32	22	284	-----	-----	310	188	116	2	4	1,531,947
46	Comforts and quilts	3	13	2	4	2	1	7	Au 8	Fe 6	8	5	3	-----	-----	54,019
47	Mops and dusters	3	35	1	4	2	6	22	No 25	Ja 17	26	22	3	1	-----	69,552
48	All other	10	322	4	20	28	15	255	Je 299	Fe 215	270	161	110	1	4	1,408,376
49	Ice, manufactured	75	1,033	28	116	32	19	838	Au 1,233	Fe 572	961	933	3	25	-----	6,335,620
50	Ink, printing	9	508	2	32	102	35	337	No 366	Mh 315	365	364	1	-----	-----	2,860,819
51	Instruments, professional and scientific.	19	1,854	8	46	82	70	1,642	-----	-----	1,548	1,263	233	20	23	4,581,630
52	Medical and surgical	8	721	2	21	49	44	605	My 640	No 562	565	393	125	26	21	1,264,519
53	All other	11	1,127	6	25	38	32	1,037	My 1,081	De 984	983	870	108	3	-----	3,317,111
54	Iron and steel, blast furnaces	3	534	-----	16	18	13	487	Ja 763	Oc 352	395	393	2	-----	-----	6,227,356
55	Iron and steel, steel works and rolling mills.	16	17,142	1	238	2,265	827	13,811	Ja 14,473	Jy 13,351	13,894	13,473	411	10	-----	97,510,778
56	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	7	474	2	16	32	20	404	Ja 457	No 353	428	334	86	7	1	1,967,372
57	Iron and steel, cast-iron pipe	8	2,248	-----	97	84	32	2,035	De 2,372	Mh 1,602	2,372	2,368	3	1	-----	8,637,290
58	Iron and steel, forgings, not made in steel works or rolling mills.	16	942	8	48	36	23	827	Ja 1,053	Jy 732	816	814	-----	-----	-----	3,670,447
59	Iron and steel, tempering and welding	13	54	11	10	5	1	27	-----	-----	31	31	-----	-----	-----	137,618
60	Treated iron and steel	3	14	3	4	2	-----	5	(4) 6	(4) 5	5	5	-----	-----	-----	64,692
61	Welding	10	40	8	6	3	1	22	De 26	Mh 18	26	26	-----	-----	-----	73,026
62	Iron and steel, wrought pipe	5	930	-----	77	76	38	739	Se 842	My 657	735	720	15	-----	-----	3,849,950
63	Ivory, shell, and bone work, not including combs and hairpins.	8	202	8	7	7	21	159	Au 176	Ja 126	173	145	22	2	4	275,273
64	Japanning	7	27	8	-----	-----	-----	19	De 24	Ja 15	24	19	3	2	-----	21,450
65	Jewelry	174	4,268	164	289	281	300	3,234	De 3,524	Ja 2,734	3,525	2,653	817	37	18	21,701,859
66	Jewelry and instrument cases	14	142	15	4	-----	1	122	Au 134	Ja 107	130	89	37	2	-----	188,968

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

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.						
349,583	331,767	1,305,430	1,385	62,068	183,517	29,089,024	373,712	33,612,181	4,149,445	5,361	2,678	900	427	50	1,308	1,435
111,941	121,031	353,892	.....	18,770	49,828	2,419,124	71,709	3,792,830	1,301,997	1,632	790	150	384	.....	308	1,050
60,825	82,121	174,129	.....	9,260	20,176	2,546,976	14,903	3,408,922	847,043	370	130	.....	.....	.....	240	.....
108,237	86,992	636,377	1,385	27,151	102,555	23,407,817	251,326	25,155,106	1,495,963	2,689	1,166	750	43	50	680	385
59,580	41,623	141,032	.....	6,887	10,958	715,107	35,774	1,255,323	504,442	670	590	.....	.....	.....	80	.....
4,819,756	5,494,500	31,949,781	140,350	286,802	4,038,725	57,189,787	2,204,718	128,534,115	69,130,610	51,857	22,540	11,899	3,438	295	13,085	36,404
244,903	1,216,522	2,808,237	.....	8,076	205,840	15,509,004	329,358	22,216,641	6,378,270	6,630	4,110	2,233	5	.....	282	10,072
601,951	258,780	5,234,752	3,735	55,190	255,221	4,733,853	430,233	13,288,357	8,124,271	7,764	3,459	423	521	.....	3,361	2,162
3,896,838	3,642,215	20,047,371	136,615	206,536	3,388,202	32,975,574	1,257,174	83,119,322	48,886,574	31,055	11,786	8,593	2,097	200	8,379	21,437
586,064	376,983	3,250,421	.....	17,000	129,462	3,971,356	187,953	9,909,795	5,750,486	6,408	3,185	650	815	95	1,663	2,733
18,903	15,453	142,767	2,514	18,515	7,798	323,638	4,563	653,209	325,008	45	.....	10	.....	.....	35	.....
221,435	289,766	1,646,722	213,816	33,379	197,521	4,931,122	34,743	9,262,744	4,296,879	1,038	695	.....	38	.....	305	607
9,648	3,650	43,312	22,011	3,275	64	75,534	1,780	176,922	99,608	24	.....	.....	.....	.....	24	.....
211,787	286,116	1,603,410	191,805	30,104	197,457	4,855,588	32,963	9,085,822	4,197,271	1,014	695	.....	38	.....	281	607
551,013	416,838	2,690,997	13,075	60,689	232,791	5,142,528	113,913	10,750,870	5,494,429	3,344	1,825	150	119	105	1,145	1,602
147,398	128,291	799,873	12,596	25,886	85,889	1,552,373	36,331	3,392,244	1,773,540	1,723	1,215	150	84	80	194	1,378
34,396	20,972	265,485	.....	11,519	29,840	289,400	3,336	912,591	619,555	41	.....	.....	4	.....	37	.....
277,636	191,061	1,156,455	.....	15,747	83,769	2,234,907	54,996	4,518,767	2,225,764	1,303	525	.....	14	.....	704	172
91,553	70,514	469,184	479	7,537	33,293	1,031,848	20,150	1,927,268	875,270	277	.....	.....	17	25	150	52
278,071	57,626	2,134,248	39,014	37,177	62,626	1,049,422	106,848	5,113,135	3,956,865	1,297	205	.....	.....	.....	1,092	.....
36,330	6,702	90,974	.....	300	4,982	112,915	8,019	308,384	187,450	60	.....	.....	.....	.....	60	.....
188,668	195,550	1,307,397	.....	62,991	185,393	3,934,651	111,481	6,592,918	2,546,786	1,303	1,235	.....	24	.....	44	1,135
18,933	10,890	65,241	.....	4,260	912	135,134	3,515	289,074	150,425	82	60	.....	10	.....	12	.....
169,735	184,660	1,242,156	.....	58,731	184,481	3,799,517	107,966	6,303,844	2,396,361	1,221	1,175	.....	14	.....	32	1,135
375,623	1,081,607	2,374,544	776	830	272,595	2,428,382	4,946,315	20,317,305	12,942,608	14,757	11,133	1,841	1,774	1	8	390
87,368	87,368	247,588	.....	2,580	20,727	388,452	48,616	1,464,796	1,027,728	932	90	.....	43	.....	799	.....
558,824	630,941	6,006,747	1,345	725	587,975	3,141,992	1,303,226	13,694,677	9,249,459	4,684	1,744	.....	1,230	.....	1,710	2,039
97,924	65,764	596,383	2,687	12,099	41,367	801,472	26,378	1,907,117	1,079,267	471	100	.....	73	.....	298	10
16,300	.....	128,795	8,051	1,246	5,916	189,063	4,404	448,856	254,489	59	15	.....	7	.....	37	.....
157,205	113,666	380,904	71,425	7,008	185,238	16,462,520	83,534	18,300,663	1,844,609	1,697	960	62	44	.....	631	162
139,240	13,870	389,674	.....	7,529	13,100	4,282,778	133,041	5,401,982	986,183	1,156	1,126	.....	.....	.....	30	210
35,802	7,916	244,579	.....	5,325	6,810	422,361	103,195	1,051,710	526,154	581	571	.....	.....	.....	10	60
103,438	5,954	145,095	.....	2,204	6,284	3,860,417	29,846	4,350,272	460,009	575	555	.....	.....	.....	20	150
2,080	.....	18,171	.....	1,056	333	9,639	176	37,973	28,158	.....	.....	.....	.....	.....	.....	.....
.....	3,780	7,870	4,080	1,536	44	7,800	230	32,488	24,458	4	.....	.....	.....	.....	4	.....
209,910	160,878	1,427,830	2,068	22,323	158,977	2,157,977	81,797	5,300,477	3,060,793	2,147	1,638	50	98	.....	361	680
14,276	10,008	84,582	.....	6,624	3,672	139,526	7,931	304,170	155,713	102	35	.....	15	.....	52	.....
18,669	10,179	173,403	.....	3,980	6,794	101,348	23,335	487,964	273,281	365	173	.....	30	.....	102	.....
176,965	143,691	1,169,815	2,068	11,719	148,511	1,827,103	50,441	4,508,343	2,630,799	1,680	1,430	50	63	.....	147	639
86,518	7,927	149,161	.....	2,930	155,362	138,630	11,038	662,140	612,478	329	170	.....	140	.....	19	10
77,694	22,006	456,813	.....	2,151	104,869	2,072,004	28,432	3,684,271	1,683,835	938	820	.....	.....	45	73	70
33,192	33,868	303,195	3,400	17,021	4,561	621,507	6,185	1,126,617	498,835	45	12	.....	4	.....	29	.....
498,096	407,921	4,263,918	600	41,116	396,218	7,997,198	237,968	16,025,357	8,390,191	4,447	3,058	.....	.....	.....	1,389	93
80,770	83,776	286,562	956	4,528	109	13,490	430	26,702	12,782	4	.....	.....	.....	.....	4	.....
.....	.....	.....	.....	.....	22,668	1,976,454	18,060	2,916,240	921,726	457	400	.....	5	.....	52	404
966	6,753	8,600	.....	864	722	74,785	514	136,744	61,445	4	.....	.....	.....	.....	4	.....
13,200	6,031	18,461	150	240	3,172	89,245	716	148,066	58,105	12	.....	.....	5	.....	7	.....
66,604	70,992	259,501	806	3,424	18,774	1,812,424	16,830	2,631,430	802,176	441	400	.....	.....	.....	41	401
248,141	48,955	1,032,529	5,870	2,300	196,270	440,000	903,241	4,550,965	3,207,724	14,454	12,145	790	679	90	750	722
168,214	186,774	450,136	.....	6,200	60,239	1,295,672	31,851	2,499,462	1,171,939	1,171	855	.....	.....	.....	310	463
187,905	280,304	1,788,594	.....	23,292	77,743	1,429,351	51,907	4,396,511	2,915,253	1,400	1,179	.....	11	25	185	300
106,666	178,519	533,659	.....	5,505	33,568	635,151	12,959	1,752,600	1,104,490	301	245	.....	11	25	20	.....
81,239	101,785	1,254,935	.....	17,787	44,175	794,200	38,948	2,643,911	1,810,763	1,099	934	.....	.....	.....	103	300
81,549	41,979	653,049	.....	.....	110,875	1,518,493	1,229,118	3,858,352	1,110,741	12,958	10,960	1,970	.....	.....	28	300
1,311,324	2,515,915	17,085,061	325,319	5,690	2,067,984	30,404,200	3,922,605	74,382,205	40,055,400	81,600	46,248	16,197	20	510	18,625	22,913
55,593	77,001	479,098	.....	870	25,779	1,079,658	46,587	2,157,493	1,031,248	800	375	.....	50	.....	375	357
238,403	171,945	2,655,154	.....	.....	101,546	4,259,465	477,688	9,029,706	4,292,643	3,714	2,447	750	.....	.....	517	4,637
294,815	108,518	1,246,330	4,375	409,283	2,683,786	302,224	302,224	5,603,377	2,527,367	3,338	1,129	.....	65	.....	2,144	400
16,065	7,190	40,953	1,200	5,900	3,741	35,186	7,359	146,219	103,724	82	15	.....	27	.....	40	.....
5,500	3,878	7,611	.....	1,020	2,452	562	4,367	27,044	22,115	45	15	.....	20	.....	10	.....
10,565	3,312	33,342	1,200	4,880	1,289	34,574	2,992	119,175	81,609	37	.....	.....	7	.....	30	.....
372,413	103,482	1,149,657	1,284	6,500	578,470	2,736,427	154,618	5,390,702	2,499,627	2,473	975	.....	30	.....	1,468	333
29,242	48,913	179,519	.....	5,759	1,200	337,984	4,820	779,183	436,379	189	135	.....	39	.....	15	.....
.....	.....	18,302	.....	884	205	9,379	1,972	40,767	29,416	8	.....	.....	.....	.....	8	.....
1,341,637	1,064,363	4,418,552	201,549	147,473	395,219	14										

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

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

																				Dollars.
1	Jute goods.....	3	729	.....	16	7	6	700	No	773	Fe	613	761	310	421	15	15	2,651,034		
2	Knit goods.....	90	5,202	73	153	69	54	4,853	No	5,184	Ja	4,545	5,164	1,100	3,706	30	238	12,757,149		
3	Lamps.....	5	178	5	16	12	5	140	De	162	My ^a	121	140	97	41	1	1	553,795		
4	Leather goods, not elsewhere specified	28	1,055	25	43	42	15	930	De	1,007	Fe	861	1,009	539	392	34	44	1,853,145		
5	Leather, tanned, curried, and finished	73	6,012	31	277	132	73	5,499	Se	5,920	Ja	4,856	5,907	5,279	624	4	.....	55,771,911		
6	Line.....	5	21	8	.....	1	.....	12	Ap	16	Fe	7	16	10	.....	.....	.....	41,965		
7	Liquors, malt.....	20	2,225	2	100	261	22	1,780	Au	1,002	Mh	1,690	1,698	1,693	3	.....	.....	36,335,759		
8	Liquors, vinous.....	9	35	8	5	2	1	19	Mh	33	No ^a	11	20	20	.....	.....	.....	381,031		
9	Lithographing.....	6	188	1	9	1	2	173	No	189	Ja	148	189	164	23	2	.....	276,339		
10	Looking-glass and picture frames.....	13	24	13	1	1	.....	9	Mh ^a	10	Au ^a	7	11	10	.....	1	.....	80,080		
11	Lumber and timber products.....	164	1,197	189	25	15	10	958	De	1,122	Ja	875	1,241	1,149	76	6	10	2,201,247		
12	Lumber, planing-mill products, not including planing mills connected with sawmills.	168	2,416	129	165	99	73	1,950	No	2,147	Fe	1,665	2,151	2,119	27	2	3	8,484,086		
13	Machine tools.....	14	2,186	4	113	255	136	1,678	De	1,850	Je	1,531	1,844	1,844	.....	.....	.....	7,343,687		
14	Marble and stone work.....	114	874	130	62	34	12	636	.....	.....	.....	.....	747	747	.....	.....	.....	2,753,046		
15	Monuments and tombstones.....	84	329	101	25	14	8	181	Oc	195	Fe	149	190	190	.....	.....	.....	1,022,893		
16	Other marble and stone work, except slate	27	522	26	35	15	4	442	De	598	Ja	298	545	545	.....	.....	.....	1,650,916		
17	Slate products, other than roofing slate.	3	23	3	2	5	.....	13	Ja	19	Je	10	12	12	.....	.....	.....	79,267		
18	Mattresses and spring beds, not elsewhere specified.	35	348	33	28	15	13	259	Jy	294	Ja	212	260	198	54	8	.....	1,212,876		
19	Millinery and lace goods, not elsewhere specified.	510	7,319	550	262	171	82	6,254	.....	.....	.....	.....	6,772	1,246	5,340	28	158	15,200,777		
20	Embroideries.....	451	4,838	505	186	107	45	3,995	De	4,252	Fe	3,676	4,318	1,038	3,192	24	64	9,320,448		
21	Trimmed hats, hat frames, dress and cloak trimmings, braids, and fringes.	14	340	15	16	5	1	303	De	380	Mh	169	382	27	343	3	9	111,569		
22	Women's neckwear.....	7	181	3	10	9	7	152	Ja	191	Ap	128	139	8	126	1	4	278,199		
23	All other.....	38	1,060	27	50	50	29	1,804	No	1,976	Mh	1,437	1,933	173	1,679	.....	81	5,490,561		
24	Mineral and soda waters.....	179	729	187	48	22	13	459	.....	.....	.....	.....	441	430	6	5	.....	1,993,294		
25	Mineral and carbonated waters.....	173	717	181	48	22	13	453	Jy	562	Ja	377	431	420	6	5	.....	1,974,239		
26	All other.....	6	12	6	.....	.....	.....	6	Se	10	Ja ^a	2	10	10	.....	.....	.....	19,055		
27	Minerals and earths, ground or otherwise treated.	17	505	7	40	17	11	430	Ja	480	Mh	370	454	453	.....	1	.....	2,643,248		
28	Mirrors, framed and unframed, not elsewhere specified.	8	100	6	10	1	1	82	Se	91	Ja	66	75	55	16	4	.....	248,260		
29	Models and patterns, not including paper patterns.	46	575	49	33	16	14	463	De	542	Ja	367	544	539	3	2	.....	882,082		
30	Musical instruments and materials, not elsewhere specified.	8	322	4	12	6	9	291	Jy	307	Ja	257	297	160	115	12	10	681,088		
31	Musical instruments, pianos.....	6	813	1	19	62	18	713	Ja	826	No	544	777	619	158	.....	.....	1,003,371		
32	Musical instruments, piano materials.	11	896	4	39	42	53	758	No	805	Ja	684	766	430	380	0	.....	1,857,785		
33	Needles, pins, and hooks and eyes.....	10	403	5	14	11	15	418	Ja	504	My	361	428	194	210	5	19	1,044,413		
34	Oil, essential.....	4	192	.....	13	15	7	157	De	184	Mh	138	184	161	20	3	.....	4,466,823		
35	Oil, not elsewhere specified.....	30	1,823	2	123	301	152	1,245	.....	.....	.....	.....	1,270	1,166	104	.....	.....	19,533,014		
36	Vegetable oils.....	4	657	.....	31	40	21	565	Se	617	Ja	512	569	507	02	.....	.....	8,105,380		
37	Animal oils.....	5	142	.....	9	22	13	98	De	102	Ja	90	102	102	.....	.....	.....	1,350,769		
38	Mineral and composite oils.....	21	1,024	2	83	239	118	582	Ja	614	My	563	599	557	42	.....	.....	10,076,865		
39	Oilcloth and linoleum, floor.....	10	2,419	1	71	143	68	2,136	De	2,660	Ja ^a	1,544	2,680	2,573	66	21	.....	21,287,275		
40	Oilcloth, enameled.....	4	320	4	24	25	10	257	De	318	Ja	219	318	313	3	2	.....	2,832,477		
41	Oleomargarine and other butter substitutes.	5	527	.....	23	73	22	409	Fe	463	Mh	364	434	312	122	.....	.....	2,181,770		
42	Optical goods.....	18	308	12	23	9	10	254	De	268	Ja	241	268	139	123	5	1	442,005		
43	Paints.....	33	1,881	10	143	241	155	1,332	No	1,446	Ap	1,230	1,429	1,339	86	2	2	15,175,523		
44	Paper and wood pulp.....	33	3,492	7	160	133	84	3,108	Oc	3,406	Ap	2,799	3,326	3,026	242	44	14	20,886,508		
45	Paper goods, not elsewhere specified.....	29	1,285	18	71	88	72	1,036	De	1,129	My	957	1,139	773	348	7	11	6,676,439		
46	Patent medicines and compounds.....	81	1,487	38	117	185	126	1,021	.....	.....	.....	.....	1,102	909	407	27	59	10,097,400		
47	Patent and proprietary medicines	43	1,082	27	56	123	76	800	Mh	864	Jy	696	861	896	379	27	50	7,350,537		
48	Patent and proprietary compounds, not elsewhere specified.	38	405	11	61	62	50	221	Oc ^a	234	Jy	206	241	213	28	.....	.....	2,746,863		
49	Paving materials.....	46	1,390	19	72	89	10	1,200	Se	1,437	Fe	804	1,352	1,351	1	.....	.....	6,289,128		
50	Pencils, lead.....	5	3,276	.....	22	261	151	2,842	Fe	2,905	Oc	2,747	2,770	1,135	1,459	20	147	14,787,404		
51	Pens, fountain and stylographic.....	4	52	7	.....	5	1	39	Mh	45	Au ^a	36	39	34	.....	1	.....	100,518		
52	Perfumery and cosmetics.....	15	513	3	35	35	405	.....	No	448	Fe	376	418	167	249	2	.....	3,563,388		
53	Petroleum, refining.....	9	11,991	.....	458	1,070	285	10,178	Oc	11,301	Mh	9,025	10,757	10,575	153	29	.....	203,292,144		
54	Phonographs and graphophones.....	15	13,663	.....	201	568	628	12,266	No	14,121	Ja	9,880	14,041	11,235	2,800	6	.....	44,615,018		
55	Photo-engraving.....	9	216	7	14	10	14	171	Je ^a	176	Fe	161	174	134	38	.....	2	261,687		
56	Photographic materials.....	18	1,182	1	59	131	39	952	.....	.....	.....	.....	1,153	827	393	3	.....	3,768,598		
57	Motion-picture projection films.....	10	877	.....	41	123	30	683	De	888	Ja	463	888	658	227	3	.....	2,787,634		
58	All other.....	8	305	.....	18	8	9	269	Je	279	Ja	258	265	169	96	.....	.....	980,964		
59	Pickles, preserves, and sauces.....	41	660	30	46	28	22	534	.....	.....	.....	.....	557	306	232	5	14	3,210,526		
60	Preserves.....	7	257	1	20	8	6	222	Ja	278	Ap	162	190	96	00	1	8	1,035,704		
61	Pickles and sauces.....	34	403	29	26	20	16	312	Se	595	Ap	194	367	210	142	4	11	2,174,822		
62	Plumbers' supplies, not elsewhere specified.	6	1,193	.....	22	67	28	1,076	Ja	1,386	My	972	1,169	1,122	46	1	.....	10,535,836		
63	Pottery.....	53	6,400	16	293	228	146	5,717	.....	.....	.....	.....	6,797	5,326	1,327	91	53	16,491,886		
64	China ware.....	47	6,258	12	281	220	145	5,600	De	6,043	Mh	4,826	6,797	5,277	1,255	91	53	16,057,474		
65	All other.....	6	142	4	12	8	1	117	Mh	132	Ja	93	121	49	72	.....	.....	434,112		

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
100,280	20,619	589,684			214,335	1,393,656	39,407	2,902,057	1,468,994	2,400	2,375			25	60	1	
654,073	267,669	4,476,305	261,371	66,415	664,445	15,219,580	130,318	23,853,075	8,503,177	3,016	1,260	125	16	80	1,535	1,027	
47,043	22,855	140,464		4,367	8,079	102,968	12,167	493,436	378,301	267	150				117	3	4
171,623	132,954	913,172	5,673	14,199	48,631	1,641,648	16,764	3,572,545	1,914,133	416	250		65		101	150	5
1,681,744	424,921	7,296,535	449,744	166,436	1,333,730	51,835,463	751,058	78,012,101	25,425,580	13,239	6,235	283			6,721	4,493	6
	1,020	11,097		100	694	1,747	7,912	26,682	17,023	65	40				25	2,795	7
982,989	557,999	2,023,527		50,218	8,670,523	4,932,088	599,709	26,148,011	20,616,214	13,636	12,858	200			578	8	8
20,500	6,807	22,426		480	36,743	58,840	926	265,632	205,866	48	40				8	10	
18,649	3,506	175,360	9,312	5,230	1,390	176,180	5,128	522,304	340,996	134					134	1	9
900	1,200	8,828	397	4,611	1,166	17,715	657	53,881	35,509	1					1		10
68,313	37,879	940,638	42,903	3,779	42,491	840,119	30,373	2,487,712	1,617,220	5,954	4,687	209	629	314	124	1,236	11
535,947	175,567	2,160,981	46,944	68,883	201,090	6,082,752	176,432	10,758,566	4,499,382	9,345	4,733	725	544	6	3,337	2,109	12
349,188	586,792	1,519,552	4,309	3,742	936,220	2,345,341	75,241	6,767,671	4,347,089	3,984	1,365	2,200			394	4,122	13
170,645	60,651	898,008	63,668	10,921	30,261	1,054,600	41,385	2,939,900	1,843,906	2,480	1,119		312		1,049	510	14
64,696	26,575	259,385	5,011	10,097	10,097	607,804	16,597	1,286,147	661,746	693	19		270		404		15
101,629	29,700	622,989	58,657	8,860	19,911	416,317	24,195	1,581,380	1,140,868	1,760	1,100		20		640	510	16
4,320	4,376	15,634		1,920	253	30,488	593	72,373	41,292	27			22		5		17
80,465	36,311	307,579		9,545	16,455	1,122,128	12,882	1,874,836	739,826	526	250		20		256		18
886,467	382,052	5,310,561	1,773,882	234,882	164,971	11,417,553	195,296	24,506,069	12,893,160	2,371	610		81	135	1,545	112	19
508,295	230,434	3,790,344	1,030,819	182,810	71,386	5,788,283	153,790	14,867,104	8,925,031	1,528	120		81	40	1,287	57	20
28,574	2,986	196,864	3,520	11,481	627	177,249	4,166	464,257	282,842	68				25	43		21
42,427	27,547	102,991	172,457	5,736	2,986	203,611	3,200	648,879	442,068	27					27		22
307,171	121,055	1,220,362	567,086	34,855	89,972	5,218,410	34,140	8,625,769	3,243,219	748	490			70	188	55	23
80,091	36,038	501,690	1,700	37,658	63,694	1,386,841	37,141	2,762,982	1,330,000	791	134		64	2	591	3	24
80,091	36,038	491,887	1,700	31,984	63,293	1,875,337	30,044	2,714,566	1,303,185	748	109		64	2	573	3	25
		9,803		5,674	401	11,504	1,097	48,416	1,35,815	43	25				18		26
181,765	37,250	549,045	3,058	11,090	114,099	1,036,538	128,785	2,428,190	1,263,807	4,298	2,897	750	83	220	348	827	27
29,191	1,400	75,806	534	2,940	2,704	156,796	7,882	306,657	141,979	119	25		17		77		28
121,351	48,602	614,444	19,214	17,999	9,644	399,510	20,756	1,420,642	1,000,376	607	8		59		540		29
44,597	19,236	263,851	1,429	4,422	36,767	408,977	12,850	987,216	565,389	317	45		13	5	254		30
54,304	102,980	723,249		21,208	34,945	1,142,084	40,790	2,205,253	1,022,379	1,440	1,305				135	875	31
195,505	82,453	629,329		13,108	151,786	850,097	22,829	2,822,142	1,949,216	755	585		6	5	159	157	32
48,288	26,921	350,530	47,069	6,981	16,004	400,435	19,847	1,203,961	723,679	571	216	268			87	480	33
43,684	38,631	214,214		16,000	87,361	2,183,691	44,439	3,088,225	860,005	411	406				5	340	34
616,870	817,759	1,374,452		34,421	583,294	21,938,959	380,045	30,834,636	8,515,632	2,039	1,583		5		451	684	35
95,827	77,401	571,517		3,775	183,559	11,190,032	214,056	15,807,911	4,397,223	817	695				122	583	36
58,638	58,175	136,289		1,260	10,985	2,156,433	27,001	2,506,330	324,296	230	87				143		37
462,045	682,163	606,616		29,386	388,750	8,680,494	138,388	12,518,995	3,794,113	992	801		5		186	101	38
400,951	285,178	2,685,789	8,298		1,224,144	12,244,798	539,193	21,688,731	8,904,743	8,844	5,480	1,300			2,064	3,108	39
61,229	28,138	287,132			125,905	2,467,203	43,683	3,846,005	1,335,119	860	160	75			625	200	40
87,727	130,905	401,026	14,465	17,743	134,466	6,654,080	52,277	9,058,774	2,452,417	1,095	626				460	245	41
60,680	25,793	240,150	1,515	22,348	7,033	415,083	5,100	951,670	531,487	105					105		42
560,789	540,806	1,502,511	81,880	23,857	456,406	11,612,339	444,654	18,500,897	6,443,904	5,522	3,794	75	50	29	1,574	2,126	43
880,025	350,393	3,722,101	30,903	6,065	671,622	10,366,830	1,628,525	20,360,692	8,365,337	32,048	22,771	1,007	1,655	2,423	5,092	3,658	44
400,725	218,133	1,114,833	75,379	31,556	510,941	5,852,126	185,442	9,718,659	3,681,091	2,543	1,930		5		458	1,575	45
440,742	394,971	820,990	8,464	34,303	171,827	6,028,284	131,965	8,648,141	3,387,892	1,705	1,197		93		415	467	46
272,163	254,489	628,900	7,700	19,882	130,404	3,453,947	93,580	5,937,815	2,380,788	906	787		12		107	422	47
168,579	140,482	201,090	7,764	14,421	41,423	1,574,337	38,385	2,610,826	998,104	799	410		81		308	45	48
166,561	200,463	1,495,790	86,769	96,128	97,011	3,914,284	316,394	7,323,655	3,092,977	7,872	6,968	125	162		617	1,723	49
315,881	767,018	2,392,668		29,497	972,629	4,631,789	146,406	10,790,651	6,012,456	3,857	2,390		18		1,449	1,636	50
	3,497	36,385		1,500	485	95,931	2,536	164,904	66,437	29					11		51
259,228	142,817	318,791		22,499	148,237	2,175,343	14,183	4,831,705	2,642,179	66	3				63		52
1,816,366	1,929,267	18,023,734	500	17,898,614	214,618,316	8,268,059	280,994,553	58,108,178	34,758,704	36,040	12,843	14,391	3,806		3,701	3,868	53
928,044	1,485,130	15,521,113	33,268	30,315	3,374,291	19,931,717	728,900	55,419,321	34,758,704	20,257	4,467	12,064	25		98	11,737	54
39,910	12,840	181,800		14,281	7,338	223,448	8,522	680,519	448,549	98					98		55
237,552	250,404	1,362,671		175,871	43,555	7,079,410	60,548	10,030,705	2,890,747	373	373				606	110	56
156,582	223,764	1,041,106		131,927	7,704	4,995,192	40,159	7,271,500	2,236,149	663	175				488	101	57
80,970	26,640	321,565		43,944	35,851	2,084,218	20,389	2,759,205	654,598	316	198				118	9	58
144,906	66,269	444,917	123	23,012	88,558	3,041,646	65,314	4,874,100	1,767								

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

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

																		Dollars.
1	Printing and publishing, book and job	421	3,132	427	172	85	109	2,339	Do	2,668	Ap	2,196	2,671	2,035	570	58	8	9,908,576
2	Printing and publishing, newspapers and periodicals.	295	3,708	211	274	555	316	2,352					2,404	2,118	251	34	1	8,378,261
3	Printing and publishing.	34	1,486	14	83	320	137	932	Ap	965	Se	897	924	857	57	10		3,246,134
4	Printing, publishing, and job printing.	205	2,081	154	169	214	157	1,387	De	1,440	Jy	1,353	1,446	1,248	173	24	1	5,041,208
5	Publishing without printing.	56	141	43	22	21	22	33	Se ^a	36	Ap ^a	29	34	13	21			90,919
6	Printing materials.	4	20	1	3			16	De	24	Ja ^a	10	24	24				84,884
7	Pumps, steam and other power.	6	3,025		134	307	176	2,408	Mh	2,624	Oc	2,187	2,371	2,279	73	19		14,317,063
8	Regalia, and society badges and emblems.	10	108	7	6	3	5	87	Se	94	Ja	70	79	36	43			190,412
9	Roofing materials.	15	912	4	71	135	42	660	Oc	775	Ap	563	820	797	21	2		4,457,776
10	Rubber tires, tubes, and rubber goods, not elsewhere specified.	65	15,263	8	468	1,610	824	12,353	De	13,368	Ja	11,321	13,328	11,518	1,661	110	39	57,638,272
11	Saddlery and harness.	46	92	53	2	1		36	Oc	39	My ^a	34	41	41				177,765
12	Sausage, not made in slaughtering and meat-packing establishments.	38	275	47	3	16	8	201	Oc	220	Ap	186	219	216	3			663,133
13	Scales and balances.	9	591	4	23	99	39	426	Au	475	Mh	392	459	382	61	10		1,188,656
14	Screws, machine.	6	100	3	11	2	3	81	Ja	89	Oc	76	82	64	18			194,037
15	Shipbuilding, steel.	13	53,273	3	861	1,001	557	50,251	Mh	52,467	No	47,492	48,313	47,926	387			242,523,813
16	Shipbuilding, wooden, including boat building.	80	2,380	73	85	53	23	2,146					2,179	2,169	10			5,744,321
17	New vessels.	9	788	5	25	17	5	736	Fe	949	Oc	655	681	681				2,116,847
18	Repair work only.	36	1,298	31	47	30	11	1,179	Se	1,275	Mh	1,039	1,261	1,261				2,412,313
19	Small boats, masts, spars, oars, and rigging.	35	294	37	13	6	7	231	Je	206	Fe	195	237	227	10			1,215,161
20	Shirts.	46	3,219	62	63	117	93	2,884	De	3,249	Ja	2,699	3,249	3,115	2,045	19	70	6,425,995
21	Signs and advertising novelties.	17	834	13	40	126	97	558					573	348	214	7	4	2,405,676
22	Electric and other signs.	9	52	8	3	3	2	36	Au	42	Fe	31	40	39		1		637,600
23	Advertising novelties.	8	782	5	37	123	95	522	Jy	576	Fe	448	533	309	214	6	4	1,768,076
24	Silk goods, including throwsters.	686	35,453	682	1,106	742	597	32,326	De	31,033	Fe	25,753	35,074	16,177	17,920	312	665	101,180,821
25	Finished products.	578	31,958	579	955	699	504	29,161	De	31,033	Fe	25,753	31,566	15,072	15,858	190	437	93,558,923
26	Throwsters and winders.	108	3,495	103	151	43	33	3,165	De	3,431	Fe	2,875	3,508	1,105	2,062	113	228	7,621,898
27	Silversmithing and silverware.	13	1,006	6	50	62	78	810	No	924	Ja	674	918	702	209	2	5	2,112,386
28	Slaughtering and meat packing.	46	4,509	32	114	594	203	3,666	Ja	3,914	No	2,599	3,663	3,307	295	1		20,674,400
29	Smelting and refining, copper.	4	4,661		137	357	101	4,066	Ja	4,926	De	3,624	3,624	3,584	40			67,694,831
30	Smelting and refining, not from the ore.	10	592	8	36	59	21	468	Ja	523	Au	447	468	468				4,040,548
31	Soap.	16	4,213	6	104	773	441	2,889	Au	3,150	Mh	2,662	2,896	1,970	853	61	3	24,971,427
32	Soda-water apparatus.	6	87	2	12	7	3	63	Jy	77	Ja	44	54	47	7			423,175
33	Sporting and athletic goods.	13	107	13	20	3	4	67	Au	91	Ja	42	56	25	29	2		348,718
34	Stamped ware, not elsewhere specified.	29	2,715	16	77	111	65	2,446	De	2,541	Ja	2,277	2,536	1,742	673	62	59	5,255,869
35	Stationery goods, not elsewhere specified.	9	230	6	15	39	10	160	Jy	172	Se	150	157	104	43	5	5	391,381
36	Statuary and art goods.	8	78	10	6	1		61	My	74	Ja	46	70	65	5			51,482
37	Steam fittings and steam and hot-water heating apparatus.	12	1,605	2	53	93	60	1,397	De	1,564	Se	1,069	1,563	1,475	82	4	2	5,982,894
38	Steam packing.	17	1,880	5	100	81	82	1,612	De	1,792	My	1,347	1,946	1,700	232	14		6,710,026
39	Stencils and brands.	3	22	3	3	4	1	11	Oc ^a	23	Ja ^a	7	23	10	12		1	18,852
40	Stereotyping and electrotyping.	4	61	4	2	4	1	50	De	58	Ja ^a	43	58	58				80,107
41	Stoves and hot-air furnaces.	8	1,139		48	89	38	994	De	1,195	Ja	442	1,195	1,189	0			3,054,360
42	Stoves, gas and oil.	13	654	8	27	66	30	523	De	608	Ja	390	591	571		20		3,169,608
43	Structural ironwork, not made in steel works or rolling mills.	73	2,584	54	130	248	37	2,115	Ja	2,199	Je	2,005	2,164	2,164				10,880,197
44	Sulphuric, nitric, and mixed acids.	5	621		24	30	6	561	Ja	600	Ap ^a	534	575	574		1		4,510,783
45	Surgical appliances.	12	2,217	11	20	257	141	1,788	Ja	2,018	Jy	1,666	1,748	713	1,023	3	9	10,318,467
46	Suspenders, garters, and elastic woven goods.	7	296	4	18	9	10	255	De	287	Ap	227	284	102	172	1	9	1,190,857
47	Textile machinery and parts.	56	1,901	52	83	73	21	1,672	De	1,886	Se	1,485	1,888	1,532	291	53	12	4,532,053
48	Tinware, not elsewhere specified.	9	2,324	1	73	107	93	1,990	De	2,176	Ap	1,698	2,261	1,840	418	1	2	7,589,678
49	Tobacco, chewing and smoking, and snuff.	10	2,107	4	52	227	106	1,718	Fe	1,822	Au	1,637	1,745	972	734	13	26	28,428,442
50	Tobacco, cigars and cigarettes.	308	9,565	287	492	216	127	8,443	De	10,121	Au	6,696	10,273	1,574	8,243	43	413	26,055,456
51	Tools, not elsewhere specified.	78	1,799	61	118	60	66	1,494					1,815	1,736	70	8	1	3,917,979
52	Machinists' tools.	34	636	27	56	16	19	518	No	648	Je	419	708	690	18			1,252,462
53	All other.	44	1,163	34	62	44	47	976	De	1,072	Mh	925	1,107	1,046	52	8	1	2,665,517
54	Toys and games.	27	1,321	20	50	34	31	1,186	Au	1,462	Ja	821	1,047	555	475	7	10	2,056,614
55	Trunks and valises.	21	849	15	42	51	24	717	De	836	Ja	631	837	717	120			2,494,174
56	Typewriters and supplies.	7	562		28	46	52	436	De	486	Ja	390	486	391	93	2		1,914,952
57	Upholstering materials, not elsewhere specified.	9	614	4	34	34	23	519	De	658	Ja	372	658	634	24			4,858,353
58	Varnishes.	30	1,038	8	87	205	70	662	Oc	750	Fe ^a	509	787	718	67	2		8,343,913
59	Vinegar and cider.	17	53	17	3	2		31	Oc	69	Ap	17	41	41				284,867
60	Wall paper, not made in paper mills.	5	644		32	62	16	534	De	639	Je	457	639	582	55	1	1	3,370,614
61	Waste, cotton.	5	257	3	12	19	32	191	Au	270	Fe	127	248	174	74			902,294
62	Window shades and fixtures.	19	349	16	20	15	14	284	De	351	Mh	212	352	290	53			1,109,651
63	Wire.	7	2,180		39	167	51	1,923	Oc	2,066	My	1,717	2,067	1,989	65	3		7,972,875
64	Wirework, including wire rope and cable, not elsewhere specified.	33	1,510	15	75	58	32	1,330	De	1,408	Oc	1,293	1,428	1,214	203	9	2	5,251,194

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

[illegible]

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Pro- pri- etors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—			Male.	Fe- male.	Male.		Fe- male.
								Maximum month.	Minimum month.						

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

															Dollars.
1	Wood, turned and carved.....	21	109	21	4	3	81	Ap ^a	84	Ja ^a	77	83	69	14	294,908
2	Wooden goods, not elsewhere specified.	14	93	11	7	2	73	Oc	77	Ja	68	80	47	33	88,372
3	Wool pulling.....	3	131	2	9	1	119	My	142	Ja	84	132	130	2	997,948
4	Woolen goods.....	6	1,344	4	30	4	1,271	Se	1,367	Ja	1,156	1,284	593	070	4,678,361
5	Worsted goods.....	20	14,318	7	249	717	126	De	16,309	Fe	2,556	16,590	7,476	8,224	87,014,806
6	All other industries*.....	222	39,001	109	1,701	3,445	2,009								146,570,945

*All other industries embrace—	Carriage and wagon materials.....	4	Emery and other abrasive wheels...	3	Glue, not elsewhere specified.....	2
Aeroplanes, seaplanes, and airships, and parts.....	Cars, steam-railroad, not including operations of railroad companies..	2	Enameling.....	2	Graphite, ground and refined.....	1
Artificial limbs.....	Cash registers and calculating machines.....	1	Engravers' materials.....	2	Hats, straw.....	3
Babbitt metal and solder.....	Cement.....	2	Envelopes.....	1	Hones and whetstones.....	2
Bags, paper, not including bags made in paper mills.....	Clocks.....	2	Explosives.....	10	Horseshoes, not made in steel works or rolling mills.....	1
Baking powders.....	Coke, not including gas-house coke.....	2	Ferroc alloys.....	1	Ink, writing.....	3
Billiard tables and accessories.....	Collars and cuffs, men's.....	3	Firearms.....	1	Iron and steel, doors and shutters.....	2
Bluing.....	Combs and hairpins, not made from metal or rubber.....	3	Flags and banners.....	1	Iron and steel, wire nails and spikes, not made in steel works or rolling mills.....	3
Bone and lamp black.....	Crucibles.....	4	Foundry supplies.....	2	Labels and tags.....	3
Boot and shoe cut stock.....	Dairymen's and poultrymen's supplies.....	2	Fuel, briquetted.....	1	Lapidary work.....	7
Boots and shoes, rubber.....	Drug grinding.....	5	Gloves and mittens, cloth, not including gloves made in textile mills.....	2	Lasts.....	4
Candles.....			Gloves and mittens, leather.....	2		
Cardboard not made in paper mills.....			Glucose and starch.....	2		

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

1	ATLANTIC CITY—All industries.....	154	1,314	150	55	93	58	958	Jy	1,107	Ja	804	1,026	952	73	1	8,244,874
2	Automobile repairing.....	11	58	11	7	3	44	Oc ^a	46	Jy	39	40	46	13	9	89,948	
3	Awnings, tents, and sails.....	5	22	7	7	3	15	Je ^a	23	Ja ^a	8	22	13	9	63,150		
4	Bread and other bakery products.....	34	198	35	6	3	154	Au	203	Ja	127	147	141	6	400,273		
5	Confectionery and ice cream.....	21	204	22	8	10	149					143	102	41	541,467		
6	Confectionery.....	16	111	18	5	5	77	Jy ^a	103	Ja	54	68	31	37	304,957		
7	Ice cream.....	5	93	4	3	5	72	De	74	My ^a	71	75	71	4	236,510		
8	Copper, tin, and sheet-iron work.....	4	30	6	7	3	24	(^a)	24	(^a)	24	24	24		84,200		
9	Foundry and machine-shop products.....	8	79	7	3	3	66	Jy	70	Fe	62	66	66		102,940		
10	Fur goods.....	6	29	7	2	2	22	Jy ^a	23	Ja ^a	20	23	20	3	124,900		
11	Ice, manufactured.....	3	61	2	2	1	56	Jy	85	Ja	45	81	81		515,684		
12	Mineral and soda waters.....	7	25	8			17					20	20		51,623		
13	Mineral and carbonated waters.....	4	18	5			13	Jy	22	Ja ^a	8	13	13		40,348		
14	Fruit beverages.....	3	7	3			4	Ap ^a	7	Ja ^a	0	7	7		5,275		
15	Printing, job.....	18	92	19	1	3	69	Jy	79	Ja	62	54	47	7	149,960		
16	Shipbuilding, wooden.....	3	11	3			8	Jy ^a	11	Ja	2	12	12		61,500		
17	Tobacco, cigars.....	3	5	3			2	(^a)	2	(^a)	2	2	2		2,790		
18	All other industries*.....	31	500	22	35	69	332					386	378	7	1	6,106,439	

*All other industries embrace—	Cars and general shop construction and repairs by steam-railroad companies.....	1	Corsets.....	1	Glass, cutting, staining, and ornamenting.....	1
Cars and general shop construction and repairs by electric-railroad companies.....	Clothing, women's.....	2	Electroplating.....	1	Grease and tallow, not including lubricating greases.....	1
	Coffee, roasting and grinding.....	1	Furniture, metal.....	1		
			Gas, illuminating and heating.....	1		

	BAYONNE—All industries.....	152	18,130	130	686	1,639	681	14,994	Ja	15,983	Ap	13,886	15,913	14,006	1,739	77	91	170,466,869
1	Automobile repairing.....	9	37	9	1	1	26	(^a)	26	(^a)	26	26	26	26	7			110,045
2	Bread and other bakery products.....	20	140	22	2	5	111	Oo	115	Jy	102	113	106	106				197,298
3	Chemicals.....	4	725	18	72	61	574	Ja	632	My	482	584	553	26	3	2		4,351,136
4	Clothing, women's.....	12	292	17	6	1	267					305	44	256	3	2		122,175
5	Regular factory products.....	4	53	5	1	1	46	Oc	55	Je	30	54	4	50				96,574
6	Contract work.....	8	239	12	5	1	221	De	250	Mh	150	251	40	206	3	2		25,601
7	Confectionery and ice cream.....	5	23	5	1	2	15	(^a)	15	(^a)	15	15	5	10				31,700
8	Copper, tin, and sheet-iron work.....	3	8	4	1	1	3	(^a)	3	(^a)	3	3	3					10,950
9	Lumber, planing-mill products, not including planing mills connected with sawmills.....	3	125	2	2	2	119	(^a)	119	(^a)	119	119	119					122,949
10	Millinery and lace goods, embroideries.....	3	29	8			21	No ^a	25	Jy ^a	17	25	9	16				69,581
11	Mineral and carbonated waters.....	4	18	6			12	(^a)	12	(^a)	12	12	11		1			28,350
12	Printing and publishing, book and job.....	8	29	10			18	De	24	Ja ^a	15	24	24					57,667
13	Shirts.....	4	201	5	1	1	194	(^a)	194	(^a)	194	194	14	180				44,466
14	All other industries*.....	77	10,503	42	658	1,560	609	13,634				14,493	13,092	1,244	70	87		171,314,592

*All other industries embrace—	Cars and general shop construction and repairs by steam-railroad companies.....	1	Dyestuffs and extracts—natural.....	1	Gas and electric fixtures.....	1
Belting, woven, other than rubber.....	Clothing, men's.....	1	Electrical machinery, apparatus, and supplies.....	2	Hats and caps, other than felt, straw, and wool.....	2
Boxes, set-up paper boxes.....	Coffins, burial cases, and undertakers' goods.....	1	Flavoring extracts.....	1	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	1
Boxes, wooden packing, except cigar boxes.....	Cooperage, hogsheds and barrels.....	1	Food preparations, not elsewhere specified.....	3	Iron and steel, doors and shutters.....	1
Brass, bronze, and copper products.....	Dyeing and finishing textiles, exclusive of that done in textile mills.....	2	Foundry and machine-shop products.....	6	Knit goods.....	2
Carrriages and wagons, including repairs.....						

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

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

MANUFACTURES—NEW JERSEY.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
8,706	2,464	87,801	600	4,612	3,116	168,309	9,092	348,835	171,434	387	222		111		54	1
13,177	3,603	47,664	-----	5,765	1,723	90,026	6,305	201,142	104,811	161	-----	-----	57	-----	104	2
41,935	4,144	150,440	-----	875	6,391	1,510,764	13,997	2,053,193	528,432	543	535	-----	-----	-----	8	3
223,626	101,023	1,165,897	-----	-----	147,168	2,960,281	95,596	5,210,270	2,154,393	2,795	2,155	40	550	50	-----	480
1,512,538	1,492,065	13,003,328	111,542	18,634	8,904,437	50,484,385	1,032,493	95,115,024	43,598,141	27,061	13,380	10,283	9	145	3,244	12,992
7,900,072	6,930,591	41,011,212	61,879	254,620	5,086,881	216,455,957	11,843,161	327,195,322	98,896,204	90,482	46,884	26,726	1,808	745	14,319	71,362

Lead, bar, pipe, and sheet.....	1	Ordnance and accessories.....	2	Smelting and refining, antimony....	1	Wall plaster and composition flooring.....	4
Liquors, distilled.....	2	Paper patterns.....	1	Smelting and refining, metals, not elsewhere specified.....	2	Washing machines and clothes wringers.....	2
Locomotives, not made by railroad companies.....	1	Pens, gold.....	3	Smelting and refining, tin.....	1	Watch materials, except watchcases.....	3
Lubricating greases.....	2	Pens, steel.....	2	Smelting and refining, zinc.....	1	Watchcases.....	3
Matches.....	1	Photographic apparatus.....	5	Springs, steel, car and carriage, not made in steel works or rolling mills.....	4	Watches.....	2
Mucilage, paste, and other adhesives, not elsewhere specified.....	5	Pipes, tobacco.....	4	Steel barrels, drums, and tanks.....	4	Windmills.....	1
Musical instruments, organs.....	2	Plated ware.....	2	Sugar, refining, not including beet sugar.....	2	Window and door screens and weather strips.....	7
Nets and selmes.....	1	Pocketbooks.....	4	Tin foil.....	2	Wood distillation.....	1
Oakum.....	1	Printing and publishing, music.....	2	Type founding.....	1	Wood preserving.....	3
Oil and cake, cottonseed.....	1	Pulp goods.....	2	Umbrellas and canes.....	5	Wool scouring.....	2
Oil, castor.....	1	Pumps, not including power pumps.....	1			Wool shoddy.....	2
Oil, linseed.....	2	Refrigerators.....	5				
		Saws.....	2				
		Sewing machines.....	2				

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

147,239	161,402	1,288,643	2,821	88,341	115,782	2,586,497	496,461	6,358,720	3,275,762	1,875	935		110		830	147	1
	4,935	61,326	600	6,260	232	45,345	2,287	148,938	100,806	25					25		2
		24,654		910	150	44,624	366	94,974	49,984	5					5		3
13,570	3,600	259,354	1,144	17,366	1,548	804,607	70,102	1,406,302	531,593	235					235		4
11,250	20,464	110,894		27,116	11,188	673,074	21,061	1,098,493	404,328	271			85		186		5
3,600	3,205	68,123		26,590	8,596	241,635	10,383	490,475	247,459	165			55		110		6
7,650	17,259	42,771		528	2,592	431,441	10,708	599,018	156,869	106			30		76		7
		42,466		840	135	23,990	223	83,030	58,817								8
5,351	1,417	103,819		2,420	387	71,327	3,453	223,468	148,688	74			15		59		9
		48,452		4,300	1,422	37,740	1,785	115,747	76,222	10					10		10
4,772	1,205	59,652			9,498	8,041	48,492	290,814	234,281	650	650					147	11
		27,718		6,070	493	42,717	1,932	107,313	62,664	29					29		12
		19,551		720	463	39,217	1,122	76,313	35,974	23					23		13
		8,167		5,350	30	8,500	810	31,900	26,690	6					6		14
4,200	1,856	65,187		9,547	378	84,168	3,369	282,048	194,511	76					76		15
		11,370			373	10,500	288	23,755	12,967	30					30		16
		1,912		540	764	6,838		12,730	5,892								17
108,096	128,015	471,833	1,077	12,972	89,214	733,026	343,073	2,471,108	1,395,000	470	285		10		175		18

Hand stamps.....	1	Lumber, planing-mill products, not including planing mills connected with sawmills.....	3	Mattresses and spring beds, not elsewhere specified.....	2	Printing and publishing, newspapers and periodicals.....	2
Japanning.....	1	Marble and stone work, except slate.....	2	Optical goods.....	1	Signs, electric.....	1
Jewelry.....	1			Paints.....	1	Slaughtering and meat packing.....	1
				Photo-engraving.....	1	Sporting and athletic goods.....	1

2,775,950	3,561,891	22,951,877	269,219	89,075	12,312,414	191,010,776	5,838,125	260,602,109	63,753,208	41,694	20,527	12,744	4,633		3,790	26,760	1
	2,288	34,416		3,240	904	49,412	2,333	110,985	59,240	29					29		2
	4,498	207,985		10,366	2,293	524,758	24,015	868,628	319,855	103					103		3
66,161	206,333	805,363		5,400	201,989	2,581,709	171,097	6,178,189	3,425,473	1,383	1,141		32		210	1,950	4
12,750	1,148	235,561	12,000	8,085	225	253,894	4,270	621,118	362,954	49					49		5
3,000	956	47,111	12,000	2,420	225	218,850	1,163	342,851	122,848	15					15		6
9,750	192	188,450		5,665		35,044	3,117	278,267	240,106	34					34		7
1,900	1,980	12,544		2,520	945	55,926	3,201	97,181	38,054	14					14		8
	1,200	5,876		900	12	7,771	122	21,302	13,469	2					2		9
3,028	1,980	72,418			8,230	215,776	3,646	322,857	103,435	272	250		22			1	10
		23,345		300	2,728	43,765	1,239	87,203	42,289	9					9		11
		11,410		450	194	23,555	657	52,138	27,926	13					13		12
	1,040	28,770	900	1,800	191	32,020	1,258	84,510	51,232	20					20		13
2,400	1,440	190,040		3,180	40	29,185	2,725	254,956	223,046	30			10		20		14
2,689,111	3,340,014	21,334,149	256,319	52,810	12,004,763	187,193,005	5,623,652	251,902,952	59,086,295	39,770	19,136	12,744	4,569		3,321	24,809	15

Mattresses and spring beds, not elsewhere specified.....	2	Petroleum, refining.....	3	Smelting and refining, metals, not elsewhere specified.....	1	Sulphuric, nitric, and mixed acids.....	1
Minerals and earths, ground or otherwise treated.....	2	Pickles and sauces.....	2	Soap.....	1	Surgical appliances.....	1
Models and patterns, not including paper patterns.....	1	Printing and publishing, newspapers and periodicals.....	5	Steam packing.....	1	Suspenders, garters, and elastic woven goods.....	2
Oil, essential.....	1	Shipbuilding, wooden, including boat building.....	5	Stoves, gas and oil.....	1	Tinware, not elsewhere specified.....	1
Oil, vegetable.....	2	Silk goods.....	2	Structural ironwork, not made in steel works or rolling mills.....	2	Tobacco, cigars.....	3
						Tools, not elsewhere specified.....	1

¹ Same number reported for one or more other months.

² None reported for one or more other months.

³ Same number reported throughout the year.

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Pro-pri-ors and firm mem-bers.	Sala-ried offi-cers, super-in-tend-ents, and man-agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Fe-male.	Aver-age num-ber.	Number, 15th day of—			Male.	Fe-male.	Male.		Fe-male.
								Maximum month.	Minimum month.						

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

																	Dollars.
1	CAMDEN—All industries.....	336	44,643	250	940	1,452	1,080	40,906	No 45,980	Ja 35,261	45,935	39,145	6,601	60	129	250,492,027	
2	Automobile repairing.....	6	43	5	1	5	2	30	Oc ^a 36	Ja ^a 20	36	36	159	4	6	58,768	
3	Boots and shoes.....	7	405	8	12	3	8	374	Je ^a 394	Ja 327	377	208	65	1	9	553,710	
4	Boxes, set-up paper boxes and cartons.	4	142	1	9	4	8	120	Fe 143	So 107	125	50	83	1	9	302,725	
5	Bread and other bakery products....	38	403	49	11	33	14	296	No ^a 333	Fe 276	333	289	42	2	.....	925,564
6	Chemicals.....	4	396	1	14	18	20	343	Fe 390	Je 300	346	336	10	.....	.....	1,500,418
7	Confectionery and ice cream.....	9	133	5	8	21	3	96	Se 133	My 70	113	30	83	.....	.....	213,911
8	Copper, tin, and sheet-iron work....	9	92	8	8	3	1	72	De 80	Je 66	80	80	.....	.....	.....	251,694
9	Foundry and machine-shop products.	18	872	7	65	62	12	726	De 809	My 657	812	799	8	5	.....	3,434,348
10	Furniture.....	3	197	1	8	19	12	157	De 190	Ap 135	193	182	11	.....	.....	515,607
11	Leather, tanned, curried, and finished.	6	2,053	.....	75	30	24	1,924	Oc 2,140	Ja 1,695	2,036	1,548	480	2	.....	22,176,660
12	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	153	1	11	4	8	129	Jy ^a 146	Fe 100	141	141	.....	.....	.....	339,625
13	Marble and stone work.....	5	28	4	4	5	.....	15	Ja 18	Jy 12	16	16	.....	.....	.....	108,434
14	Mineral and carbonated waters.....	10	36	10	1	2	1	22	Je ^a 25	Mh 18	18	17	1	.....	.....	109,253
15	Paints.....	4	211	1	12	20	14	164	Oc 180	My 154	168	164	4	.....	.....	1,417,765
16	Patent and proprietary medicines....	4	44	4	7	5	9	19	No 27	My ^a 16	28	8	20	.....	.....	115,270
17	Printing, job.....	25	113	28	6	1	1	77	De 84	Ja 69	83	60	17	6	.....	187,117
18	Printing and publishing, newspapers and periodicals.	12	125	11	6	17	6	85	.....	.....	91	79	9	3	.....	328,476
19	Printing, publishing, and job printing.	7	45	9	2	3	4	27	De 32	Ja ^a 25	32	26	3	3	.....	126,465
20	All other.....	5	80	2	4	14	2	58	(¹) 58	(¹) 58	59	53	6	.....	.....	202,011
21	Shipbuilding, wooden, including boat building.	11	712	6	25	14	2	665	.....	.....	625	625	.....	.....	.....	1,262,802
22	Repair work only.....	5	371	2	13	5	1	350	Se 364	Ja 343	353	353	.....	.....	.....	686,381
23	New vessels, small boats, masts, spars, oars and rigging.	6	341	4	12	9	1	315	Fe 423	Au 251	272	272	.....	.....	.....	576,421
24	Slaughtering and meat packing.....	4	38	.....	10	5	2	21	No ^a 34	Ja ^a 10	34	34	.....	.....	.....	410,709
25	Soap.....	4	203	1	22	19	21	200	Se 209	Fe ^a 194	196	146	50	.....	.....	2,315,832
26	Tobacco, cigars.....	11	579	9	24	19	9	518	Mh 613	Se 288	553	36	482	2	33	1,280,659	
27	Varnishes.....	4	29	3	4	7	2	13	My 14	Mh 12	13	13	.....	.....	.....	277,572
28	Worsted goods.....	5	1,089	5	21	7	6	1,050	De 1,130	Ja 912	1,130	861	763	2	4	4,093,658	
29	All other industries *.....	127	36,487	82	582	1,120	904	33,790	.....	.....	38,388	33,887	4,391	33	77	213,411,450

*All other industries embrace—
 Artificial stone products..... 3
 Asbestos products, not including steam packing..... 1
 Automobile bodies and parts..... 3
 Awnings, tents, and sails..... 2
 Blacking, stains, and dressings..... 1
 Bone and lamp black..... 1
 Bookbinding and blank-book making..... 1
 Boxes, wooden packing, except cigar boxes..... 1
 Brass and bronze products..... 1
 Brooms, from broom corn..... 2
 Buttons..... 1

Canning and preserving, vegetables 1
 Carpets, rag..... 1
 Carriages and wagons, including repairs..... 3
 Cars and general shop construction and repairs by electric-railroad companies..... 1
 Cars and general shop construction and repairs by steam-railroad companies..... 4
 Chocolate and cocoa products..... 1
 Cleansing and polishing preparations..... 2
 Clothing, women's, contract work..... 1
 Coffee, roasting and grinding..... 1

Coffins, burial cases, and undertakers' goods..... 1
 Coke, not including gas-house coke..... 1
 Cooperage, hogsheds and barrels..... 1
 Cork, cutting..... 1
 Cotton goods..... 1
 Drug grinding..... 1
 Druggists' preparations..... 1
 Dyeing and finishing textiles, exclusive of that done in textile mills..... 3
 Dyestuffs and extracts—natural..... 1
 Engraving, steel and copper plate, including plate printing..... 1
 Flour-mill and gristmill products..... 3

Food preparations, not elsewhere specified..... 3
 Gas and electric fixtures..... 2
 Gas, illuminating and heating..... 2
 Glass, cutting, staining, and ornamenting..... 1
 Glucose and starch..... 1
 Ice, manufactured..... 2
 Instruments, optical..... 1
 Iron and steel forgings, not made in steel works or rolling mills..... 1
 Iron and steel, wire nails and spikes, not made in steel works or rolling mills..... 1

1	EAST ORANGE—All industries.	76	3,596	59	168	432	254	2,683	Oc 2,850	Ap 2,489	2,807	1,973	816	7	11	10,760,761
2	Automobile repairing.....	21	76	17	4	3	1	51	Jy 55	Fe ^a 47	49	49	.....	.....	.....	102,358
3	Bread and other bakery products....	10	57	11	.....	.....	13	33	Oc 35	Jy 31	31	25	5	.....	1	94,737
4	Carriages and wagons, including repairs.	3	14	3	.....	.....	.....	11	(⁴) 11	(⁴) 11	11	11	.....	.....	.....	30,250
5	Electrical machinery, apparatus, and supplies.	3	2,276	.....	107	336	190	1,643	Oc 1,792	Ap 1,497	1,776	1,250	523	2	1	7,087,981
6	Patent medicines and compounds....	3	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,036
7	Printing and publishing, book and job.	6	31	5	2	2	3	22	No 36	Ja 16	31	29	2	.....	.....	59,904
8	Printing and publishing, newspapers and periodicals.	3	16	3	.....	3	1	9	(⁴) 9	(⁴) 9	9	8	.....	1	.....	25,738
9	All other industries *.....	27	1,119	18	53	88	46	914	.....	.....	900	601	286	4	9	3,351,757

*All other industries embrace—
 Artificial stone products..... 2
 Automobile bodies and parts..... 1

Awnings, tents, and sails..... 1
 Bags, other than paper, not including bags made in textile mills..... 1
 Clothing, women's..... 2

Copper, tin, and sheet-iron work.... 2
 Druggists' preparations..... 1
 Foundry and machine-shop products..... 4

Furs, dressed..... 1
 Hats, fur-felt..... 1

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

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

MANUFACTURES—NEW JERSEY.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
4,673,172	3,419,882	53,629,541	529,298	285,768	6,674,128	108,465,630	4,638,000	218,165,277	105,061,647	61,085	22,157	25,280	1,521	.....	12,127	40,326	1
43,108	4,140	41,467	250	2,585	1,116	43,526	2,664	105,651	59,461	22	93	42	.....	.....	22	.....	2
25,206	23,144	366,621	36,400	4,515	8,741	1,025,348	11,256	1,658,988	622,384	257	40	.....	.....	.....	122	.....	3
.....	9,813	96,524	3,411	2,954	6,408	159,848	5,603	449,520	284,075	119	.....	.....	.....	.....	79	.....	4
29,945	105,024	315,776	.....	21,902	12,114	1,711,780	52,037	2,622,671	858,854	276	.....	.....	.....	.....	276	.....	5
71,263	44,234	372,897	.....	5,172	45,857	775,352	138,174	1,420,591	507,065	1,639	1,575	.....	.....	.....	64	.....	6
19,150	17,742	70,015	.....	3,113	2,843	231,283	3,768	357,660	122,619	176	90	.....	.....	.....	45	60	7
47,976	6,354	97,460	.....	4,358	6,747	128,505	3,279	344,442	212,658	66	.....	.....	.....	.....	45	.....	8
191,873	106,976	942,313	0,781	6,696	69,500	1,261,001	71,131	3,177,342	1,845,210	1,203	195	784	.....	.....	224	2,936	9
25,681	30,428	177,119	10,984	3,898	6,497	288,869	10,363	662,166	362,934	219	125	.....	.....	.....	94	10	10
335,782	99,928	2,186,042	.....	494	599,472	14,706,614	194,624	24,998,370	10,097,132	2,838	2,555	283	.....	.....	.....	3,802	11
33,370	10,642	133,017	7,000	23,968	8,106	356,336	8,863	750,416	385,217	514	395	.....	.....	.....	119	478	12
8,996	4,376	18,599	.....	1,275	671	42,126	1,532	93,223	49,555	65	.....	.....	53	.....	12	.....	13
1,000	2,612	19,594	.....	1,310	4,293	47,178	1,346	97,485	48,961	20	.....	.....	4	.....	22	.....	14
42,504	47,092	159,458	.....	4,120	8,912	648,336	56,300	1,399,201	694,566	1,130	1,085	.....	25	.....	20	60	15
22,777	16,391	13,633	.....	824	1,871	134,790	1,014	268,908	135,104	3	.....	.....	.....	.....	3	.....	16
12,602	2,469	78,916	.....	6,534	696	78,670	5,779	226,007	141,558	120	.....	.....	6	.....	114	.....	17
28,020	27,415	93,725	0,469	2,164	7,286	116,867	6,046	383,315	260,402	171	55	.....	2	.....	114	.....	18
5,520	6,969	25,062	2,094	1,200	1,183	31,834	2,212	95,487	61,441	40	.....	.....	2	.....	38	.....	19
22,500	20,446	68,663	4,375	964	6,103	85,033	3,834	287,828	198,961	131	55	.....	.....	.....	76	.....	20
157,744	17,984	928,224	11,248	9,748	63,568	814,760	12,761	3,325,733	1,498,212	806	470	.....	56	.....	280	.....	21
89,462	5,417	446,815	.....	18	62,714	216,995	6,176	991,174	768,003	553	455	.....	.....	.....	98	.....	22
68,282	12,567	481,400	11,248	9,730	854	597,765	6,585	1,334,559	730,209	253	15	56	.....	.....	182	.....	23
17,896	5,470	29,631	.....	1,260	850,492	5,623	988,023	131,908	.....	58	.....	.....	.....	.....	58	.....	24
84,382	85,334	195,329	.....	55,633	1,894,946	21,247	2,109,653	753,460	643	561	.....	.....	.....	.....	82	310	25
54,295	35,956	362,457	.....	832	223,918	659,618	2,267	1,558,467	896,572	110	.....	.....	.....	.....	17	.....	26
11,026	7,085	17,878	.....	300	1,233	249,821	1,504	365,297	113,972	32	.....	.....	.....	.....	.....	.....	27
140,084	25,415	736,355	.....	16,000	103,187	3,607,049	74,549	5,445,023	1,703,425	3,335	2,775	5	.....	.....	555	450	28
3,268,502	2,683,858	46,176,491	446,755	163,006	5,434,199	79,072,515	3,946,280	166,297,129	83,278,334	47,267	12,018	24,997	482	.....	0,760	32,205	29

Knit goods.....	5	Mucilage, paste, and other adhesives, not elsewhere specified.....	1	Plumbers' supplies, not elsewhere specified.....	1	Stamped ware.....	1
Lamps.....	1	Musical instruments and materials, not elsewhere specified.....	1	Pocketbooks.....	1	Steam fittings and steam and hot-water heating apparatus.....	1
Leather goods, not elsewhere specified.....	2	Nets and seines.....	1	Pottery, chinaware.....	1	Steam packing.....	3
Liquors, malt.....	1	Oil, mineral.....	1	Printing materials.....	1	Stereotyping and electrotyping.....	1
Lithographing.....	1	Oilcloth and linoleum, floor.....	2	Regalia, and society badges and emblems.....	2	Stoves and ranges.....	1
Lubricating greases.....	1	Paper and wood pulp.....	1	Roofing materials.....	2	Structural ironwork, not made in steel works or rolling mills.....	3
Mattresses and spring beds, not elsewhere specified.....	1	Paper goods, not elsewhere specified.....	2	Sausage, not made in slaughtering and meat-packing establishments.....	2	Textile machinery and parts.....	1
Millinery and lace goods, not elsewhere specified.....	1	Pens, steel.....	2	Shipbuilding, steel.....	2	Tools, machinists'.....	1
Minerals and earths, ground or otherwise treated.....	1	Perfumery and cosmetics.....	3	Signs and advertising novelties.....	2	Window shades and fixtures.....	2
Models and patterns, not including paper patterns.....	2	Phonographs and graphophones.....	3	Silk goods, including throwsters.....	2	Wirework, not elsewhere specified.....	1
.....	.....	Photo-engraving.....	1	Soda-water apparatus.....	1	Wool pulling.....	1
.....	.....	Pipes, tobacco.....	1	.....	.....	Wool scouring.....	1

592,114	1,063,094	2,895,522	6,443	41,430	186,770	3,940,156	143,736	11,084,224	7,000,332	3,700	1,425	.....	535	.....	1,740	4,073	1
9,617	8,796	61,829	.....	17,730	2,141	102,556	4,040	269,571	162,975	43	.....	.....	11	.....	32	.....	2
.....	6,882	59,328	228	6,994	1,362	182,510	4,611	305,870	118,749	21	.....	.....	.....	.....	21	.....	3
.....	.....	19,900	150	900	734	16,980	554	45,050	27,516	10	.....	.....	8	.....	2	.....	4
385,043	899,116	1,828,249	.....	288	149,074	1,980,604	90,384	6,787,060	4,766,072	2,361	775	.....	270	.....	1,316	3,484	5
.....	.....	.....	.....	480	47	10,520	181	24,189	13,488	2	.....	.....	.....	.....	2	.....	6
9,460	4,835	28,697	.....	1,942	237	37,623	1,161	95,357	56,573	17	.....	.....	.....	.....	17	.....	7
.....	3,848	11,510	5,061	1,140	81	16,592	1,066	47,373	29,715	11	.....	.....	.....	.....	11	.....	8
187,994	144,917	886,009	1,004	11,956	33,094	1,642,771	41,739	3,509,754	1,825,244	1,235	650	.....	246	.....	339	580	9

Knit goods.....	2	Marble and stone work, except slate.....	1	Plumbers' supplies, not elsewhere specified.....	1	Wirework, woven-wire fencing.....	1
Lumber, planing-mill products, not including planing mills connected with sawmills.....	2	Millinery, trimmed hats and hat frames.....	1	Tobacco, cigars.....	1	Wooden goods, not elsewhere specified.....	1
.....	.....	.....	.....	Window shades and fixtures.....	1	.....	.....

¹ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num- ber of estab- lish- ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Prop- rietors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—			Male.	Fe- male.	Male.		Fe- male.
								Maximum month.	Minimum month.						

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

1	ELIZABETH—All industries....	226	20,367	184	470	912	415	18,386	Au	18,607	Je	18,086	18,898	15,738	3,130	11	19	Dollars. 77,503,896
2	Artificial stone products.....	5	19	1	3	.....	1	14	Oc	33	Fe	3	28	28	.....	.....	.....	36,295
3	Automobile repairing.....	10	40	10	4	.....	3	23	Se	30	Ja	17	28	28	.....	.....	.....	53,183
4	Bread and other bakery products.....	35	156	42	.....	22	92	92	Se	94	Ja	90	94	93	1	.....	.....	329,773
5	Carriages and wagons, including re- pairs.....	5	28	6	.....	3	.....	19	(*)	19	(*)	19	19	19	.....	.....	.....	91,997
6	Chemicals.....	5	240	.....	18	27	26	169	Se	193	My	150	188	180	8	.....	.....	2,027,893
7	Clothing, men's.....	6	104	14	1	4	.....	145	Ap	166	Ja	115	175	62	113	.....	.....	69,795
8	Electrical machinery, apparatus, and supplies.....	4	1,108	.....	38	50	25	995	De	1,171	Je	856	1,171	944	227	.....	.....	5,219,604
9	Food preparations, macaroni, vermi- celli, and noodles.....	4	4	3	.....	.....	1	Ja	5	(*)	0	0	5	2	3	.....	.....	16,406
10	Foundry and machine-shop products.....	16	902	10	39	81	27	745	.....	.....	.....	.....	757	752	4	1	.....	3,129,927
11	Machine shops.....	10	381	7	25	38	19	292	Ja	321	Se	290	290	287	2	1	.....	1,774,175
12	All other.....	6	521	3	14	43	8	453	My	504	Ja	372	467	465	2	.....	.....	1,355,752
13	Lumber, planing-mill products, not including planing mills connected with sawmills.....	6	83	3	7	7	7	69	Ap	64	Ja	55	60	60	.....	.....	.....	455,424
14	Marble and stone work, except slate.....	5	16	5	.....	1	1	9	My	11	Fe	8	10	10	.....	.....	.....	47,790
15	Mineral and carbonated waters.....	4	25	3	3	2	.....	17	My	20	Ja	14	14	14	.....	.....	.....	81,416
16	Models and patterns, not including paper patterns.....	4	15	8	.....	.....	.....	7	De	12	Ap	4	12	12	.....	.....	.....	21,792
17	Oil, animal and composite.....	6	254	.....	24	41	6	183	Ja	203	Ap	176	182	182	.....	.....	.....	3,948,886
18	Printing and publishing, book and job.....	11	61	12	4	2	3	43	Fe	44	Jy	41	45	40	5	.....	.....	117,170
19	Sausage, not made in slaughtering and meat-packing establishments.....	4	7	5	.....	1	.....	1	(*)	1	(*)	1	1	1	.....	.....	.....	47,795
20	All other industries*.....	96	17,242	62	329	693	294	15,864	.....	.....	.....	.....	16,100	13,311	2,769	10	19	61,800,250

*All other industries embrace—

Artists' materials..... 1
Automobile bodies and parts..... 1
Automobiles..... 1
Awnings, tents, and sails..... 2
Bags, other than paper, not includ-
ing bags made in textile mills..... 1
Belting, leather..... 1
Boot and shoe cut stock..... 1
Boxes, set-up paper boxes..... 1

Brass and bronze products..... 2
Cars and general shop construction
and repairs by steam-railroad com-
panies..... 1
Clothing, women's..... 4
Coal-tar products..... 3
Coffee, roasting and grinding..... 1
Collars and cuffs, men's..... 1
Cooperage, hogsheds and barrels..... 1
Copper, tin, and sheet-iron work..... 1

Cutlery and edge tools, scissors,
shears, and clippers..... 1
Electroplating..... 1
Engines, steam, gas, and water..... 1
Fancy articles, celluloid and metal
novelties..... 2
Fertilizers..... 1
Files..... 1
Furnishing goods, men's..... 1
Furniture..... 3

Gas, illuminating and heating..... 1
Gas and water meters..... 1
Grease and tallow, not including lu-
bricating greases..... 1
Ice, manufactured..... 1
Iron and steel, tempering and weld-
ing..... 2
Jewelry..... 1
Leather, tanned, curried, and fin-
ished..... 1

1	HOBOKEN—All industries.....	280	18,014	238	517	893	433	15,933	De	17,702	Je	14,232	18,518	15,211	3,147	57	103	46,402,423
2	Automobile repairing.....	4	15	6	1	.....	8	8	(*)	8	(*)	8	8	7	.....	1	.....	27,459
3	Brass, bronze, and copper products..	6	171	6	5	8	5	147	Jy	162	Mh	125	160	100	.....	.....	.....	437,444
4	Bread and other bakery products.....	43	607	45	12	12	12	526	Je	542	Oc	513	545	490	53	2	.....	1,623,877
5	Carriages and wagons, repair work only.....	6	23	8	2	.....	13	13	(*)	13	(*)	13	13	12	.....	1	.....	60,700
6	Chocolate and cocoa products.....	3	86	3	3	9	1	70	Fe	80	Je	60	62	43	17	.....	2	235,594
7	Clothing, women's.....	12	238	17	4	6	3	208	.....	.....	.....	.....	211	34	176	.....	1	187,176
8	Regular factory products.....	5	126	5	1	6	3	111	Je	123	De	97	97	12	85	.....	.....	158,889
9	Contract work.....	7	112	12	3	.....	.....	97	Se	143	Ja	68	114	22	91	.....	1	25,287
10	Confectionery and ice cream.....	8	130	8	5	7	2	108	Se	131	My	84	106	52	53	1	.....	347,439
11	Cooperage.....	8	114	6	6	3	7	92	Au	101	Mh	77	94	94	.....	.....	.....	580,783
12	Copper, tin, and sheet-iron work.....	7	86	3	8	3	1	71	Ap	147	Jy	45	65	64	.....	1	.....	132,451
13	Dyeing and finishing textiles, exclu- sive of that done in textile mills.....	3	165	3	10	7	3	142	My	155	Jy	125	147	119	27	1	.....	386,374
14	Food preparations, not elsewhere specified.....	8	168	5	12	12	1	138	Mh	235	No	72	131	113	18	.....	.....	342,562
15	Foundry and machine-shop products.....	20	1,275	8	81	86	15	1,085	Je	1,341	No	809	908	961	7	.....	.....	4,060,995
16	Furniture.....	9	690	5	26	33	17	609	No	664	Ja	516	601	640	14	7	.....	2,053,105
17	Lumber, planing-mill products, not including planing mills connected with sawmills.....	5	89	2	5	4	1	77	No	84	Fe	66	81	81	.....	.....	.....	239,778
18	Millinery and lace goods, not else- where specified.....	6	50	10	1	2	.....	37	Mh	61	Oc	16	27	2	23	.....	2	29,022
19	Mineral and carbonated waters.....	4	17	4	1	.....	.....	12	Ja	13	No	11	11	11	.....	.....	.....	33,550
20	Printing, job.....	10	26	13	.....	.....	1	12	Fe	13	Ja	11	11	11	.....	.....	.....	44,884
21	Structural ironwork, not made in steel works or rolling mills.....	5	49	4	2	2	2	39	No	43	Ap	36	38	38	.....	.....	.....	111,36
22	Tobacco, cigars.....	9	13	10	.....	.....	3	3	Ja	4	Ja	2	3	3	.....	.....	.....	12,161
23	All other industries*.....	104	14,002	72	333	699	362	12,536	.....	.....	.....	.....	15,176	12,276	2,759	43	98	35,268,531

*All other industries embrace—

Ammunition..... 1
Automobile bodies and parts..... 1
Awnings, tents, and sails..... 3
Baking powders..... 1
Baskets, and rattan and willow ware..... 1
Bookbinding and blank-book making..... 2
Boxes, set-up paper boxes..... 3
Boxes, wooden packing, except cigar
boxes..... 1
Buttons..... 2

Chemicals..... 1
Cleansing preparations..... 1
Clothing, men's..... 2
Coal-tar products..... 1
Corsets, waists..... 1
Dairymen's and poultrymen's sup-
plies..... 2
Druggists' preparations..... 1
Electrical machinery, apparatus,
and supplies..... 5
Fancy articles, not elsewhere specified..... 4

Feathers and plumes..... 1
Fireworks..... 1
Flavoring extracts..... 1
Fur goods..... 2
Furnishing goods, men's, neckwear..... 1
Furs, dressed..... 1
Gas, illuminating and heating..... 1
Glass, cutting, staining, and orna-
menting..... 1
Hair work..... 1
Hardware..... 1

Hats, fur-felt..... 1
Hats, straw..... 1
Ice, manufactured..... 1
Ink, printing..... 2
Instruments, professional and scien-
tific..... 1
Iron and steel forgings, not made in
steel works or rolling mills..... 1
Iron and steel, welding..... 1
Knit goods..... 1

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

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

MANUFACTURES—NEW JERSEY.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	36,630	16,363	13,318	400	.....	6,549	23,503	1
1,829,950	1,647,148	24,228,307	154,094	98,244	1,600,006	37,725,222	1,906,586	76,440,515	36,808,707								
1,300	300	18,961	.....	690	4,991	19,876	.....	47,210	27,334	.....	.....	.....	.....	.....	.....	.....	2
4,255	2,323	28,674	.....	5,700	715	30,336	817	73,482	47,329	19	.....	.....	.....	.....	.....	.....	3
.....	15,464	170,448	.....	10,060	3,000	659,284	25,090	1,064,899	380,525	131	2	.....	.....	.....	.....	.....	4
.....	3,200	17,615	.....	144	435	34,911	1,435	72,178	35,832	21	4	.....	.....	.....	.....	.....	5
56,445	72,621	238,791	.....	.....	45,475	635,657	106,409	1,680,055	937,989	1,139	423	.....	50	.....	666	200	6
2,000	3,610	147,282	.....	6,301	364	140,707	2,011	324,817	182,099	36	.....	.....	13	.....	23	.....	7
169,950	120,171	904,924	125,000	16,153	54,271	1,316,112	130,256	3,345,518	1,899,150	984	.....	.....	40	.....	944	.....	8
.....	.....	1,653	.....	776	22	21,579	1,251	29,542	6,712	36	.....	.....	15	.....	21	.....	9
141,106	112,043	939,483	1,000	7,338	30,870	1,034,566	62,328	2,720,511	1,623,617	1,728	1,246	.....	60	.....	422	948	10
81,745	64,450	378,443	1,000	170	16,423	477,859	32,382	1,332,105	821,864	1,022	656	.....	30	.....	336	333	11
59,361	47,593	581,040	.....	7,168	14,447	556,707	29,946	1,388,406	801,753	706	590	.....	30	.....	68	615	12
28,100	13,647	85,934	.....	300	9,151	370,361	5,174	631,113	255,578	345	255	.....	.....	.....	90	.....	13
.....	1,472	14,074	.....	180	485	25,115	587	50,332	24,630	18	.....	.....	8	.....	10	.....	14
4,000	3,000	14,900	.....	600	2,537	34,722	1,832	124,479	87,875	51	20	.....	11	.....	20	.....	15
.....	.....	11,993	.....	1,140	200	17,675	1,569	41,477	22,233	28	8	.....	4	.....	16	.....	16
80,374	76,213	212,389	.....	1,800	276,894	3,049,271	34,334	4,207,166	1,123,561	269	229	.....	.....	.....	40	.....	17
9,641	5,520	44,124	.....	2,866	428	70,988	2,442	191,002	117,572	47	.....	.....	.....	.....	47	.....	18
.....	1,200	1,680	.....	1,080	404	36,561	1,306	62,473	24,606	38	.....	.....	15	.....	23	.....	19
1,332,779	1,216,364	21,374,482	28,094	43,116	1,169,764	30,227,501	1,529,695	61,769,031	30,012,065	31,740	14,176	13,318	184	.....	4,062	22,355	20

Liquors, malt.....	2	Patent and proprietary compounds, not elsewhere specified.....	2	Shirts.....	3	Textile machinery and parts.....	1
Lithographing.....	1	Photo-engraving.....	1	Stationery goods, not elsewhere specified.....	1	Tobacco, cigars.....	6
Machine tools.....	3	Pottery, chinaware.....	1	Steam fittings and steam and hot-water heating apparatus.....	1	Tools, not elsewhere specified.....	3
Mattresses and spring beds, not elsewhere specified.....	1	Printing and publishing, newspapers and periodicals.....	5	Stoves, gas and oil.....	1	Toys and games.....	1
Millinery, trimmed hats and hat frames.....	2	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	1	Structural ironwork, not made in steel works or rolling mills.....	3	Umbrellas and canes.....	1
Minerals and earths, ground or otherwise treated.....	2	Saddlery and harness.....	1	Sulphuric, nitric, and mixed acids.....	2	Washing machines and clothes wringers.....	1
Paper and wood pulp.....	1	Sewing machines.....	1	Surgical appliances.....	1	Wire.....	1
		Shipbuilding, steel.....	2			Wooden goods, not elsewhere specified.....	1

2,423,079	1,921,863	21,401,070	345,092	406,007	1,534,008	30,163,906	803,992	70,311,540	39,283,642	20,844	8,778	2,785	153	.....	9,128	5,771	1
1,800	.....	11,235	.....	1,424	122	30,358	631	65,119	25,130	18	.....	.....	.....	.....	18	.....	2
34,860	14,943	149,737	750	1,700	4,893	517,957	19,985	852,957	315,015	133	.....	.....	.....	.....	133	.....	3
33,903	26,212	854,064	.....	31,528	67,437	2,183,084	70,917	3,700,032	1,446,031	784	470	12	.....	.....	302	410	4
3,120	.....	18,125	.....	840	901	25,010	1,313	71,049	44,726	32	.....	12	.....	.....	20	.....	5
17,330	8,593	72,290	.....	3,270	2,669	737,317	12,373	886,238	136,548	357	.....	.....	.....	.....	357	.....	6
4,550	15,417	187,083	5,520	12,874	344	277,387	4,000	592,746	311,359	34	.....	.....	.....	.....	34	.....	7
380	15,417	100,484	4,820	9,564	15	272,027	1,819	446,454	172,608	17	.....	.....	.....	.....	17	.....	8
4,170	.....	86,599	700	3,310	329	5,360	2,181	146,292	138,751	17	.....	.....	.....	.....	17	.....	9
17,680	20,695	109,848	1,040	6,014	22,079	510,811	9,240	741,238	221,187	96	75	.....	.....	.....	21	10	10
26,487	11,024	143,449	.....	5,000	15,746	558,203	1,477	912,057	352,377	110	100	.....	.....	.....	10	32	11
14,713	10,764	93,823	.....	5,302	951	120,478	1,827	265,879	143,574	110	.....	.....	.....	.....	110	.....	12
79,992	20,937	132,814	.....	8,200	13,661	94,139	12,991	536,837	429,707	255	255	.....	.....	.....	.....	.....	13
19,437	19,109	82,657	.....	9,762	2,167	1,365,615	9,919	1,691,058	315,524	194	80	.....	47	.....	67	.....	14
327,515	130,354	1,595,983	10,422	18,126	123,150	1,394,445	59,284	4,500,887	3,057,158	2,013	855	.....	29	.....	1,129	325	15
241,158	82,750	728,157	.....	11,885	135,839	1,153,615	30,470	2,947,994	1,763,909	1,303	1,065	150	.....	.....	88	1,615	16
30,510	6,981	95,091	15,022	10,097	2,120	139,432	9,193	337,036	188,411	314	180	.....	.....	.....	134	.....	17
1,300	2,617	29,742	4,125	3,304	225	78,836	617	143,633	64,130	4	.....	.....	.....	.....	4	.....	18
2,080	.....	14,007	.....	342	701	47,661	605	74,381	26,115	9	.....	.....	.....	.....	9	.....	19
.....	520	17,514	716	3,052	135	21,850	1,034	68,055	45,171	24	.....	.....	.....	.....	24	.....	20
2,760	4,168	40,821	2,721	166	1,075	37,551	1,745	122,899	83,603	46	.....	.....	8	.....	38	.....	21
.....	.....	1,571	.....	703	2,116	8,283	204	19,160	10,673	.....	.....	.....	.....	.....	.....	.....	22
1,563,824	1,540,773	17,112,765	304,776	272,919	1,188,177	20,862,824	616,167	51,732,285	30,303,294	15,008	5,698	2,635	45	.....	6,630	3,479	23

Leather goods, not elsewhere specified.....	2	Patent and proprietary compounds, not elsewhere specified.....	2	Shipbuilding, wooden, repair work only.....	1	Statuary and art goods.....	1
Leather, tanned, curried, and finished.....	1	Pencils, lead.....	1	Silk goods.....	3	Surgical appliances.....	1
Looking-glass and picture frames.....	1	Perfumery and cosmetics.....	2	Slaughtering and meat packing.....	1	Tin foil.....	1
Marble and stone work, except slate.....	2	Printing and publishing, newspapers and periodicals.....	3	Smelting and refining, not from the ore.....	1	Tinware, not elsewhere specified.....	1
Mattresses and spring beds, not elsewhere specified.....	1	Printing materials.....	1	Soap.....	2	Toys and games.....	1
Models and patterns, not including paper patterns.....	2	Saddlery and harness.....	1	Soda-water apparatus.....	2	Trunks and valises.....	1
Paints.....	2	Sausage, not made in slaughtering and meat-packing establishments.....	4	Sporting and athletic goods.....	1	Varnishes.....	1
Paper and wood pulp.....	1	Shipbuilding, steel, repair work only.....	2	Stationery goods, not elsewhere specified.....	1	Window shades and fixtures.....	2
						Wood, turned and carved.....	2

¹ Same number reported for one or more other months.

² None reported for one or more other months.

³ Same number reported throughout the year.

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

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

1	JERSEY CITY—All industries.	806	45,947	764	1,704	4,443	1,995	36,981	De 38,223	Ap 35,671	39,606	28,591	10,167	370	478	Dollars. 264,086,115
2	Automobile bodies and parts.....	12	319	11	9	25	10	284	Aut 285	Op 234	272	272				790,065
3	Automobile repairing.....	26	114	30	6	5	3	70	Aut 77	Fe 60	76	76				130,247
4	Awnings, tents, and sails.....	8	53	4	13	2	5	29	Je 40	Fe 22	37	23	14			115,165
5	Bookbinding and blank-book making.....	6	23	9				14	Fe 15	De 13	14	7				17,250
6	Boxes, paper and other, not elsewhere specified.....	7	696	2	20	29	13	632	Ja 725	Fe 547	608	281	356	8	23	1,252,388
7	Brass and bronze products.....	8	322	4	17	17	6	278	Fe 355	Je 228	297	289	5	3		1,289,703
8	Bread and other bakery products.....	129	1,419	137	27	40	60	1,155	Op 1,262	My 1,050	1,230	866	361	1	2	10,860,831
9	Carriages and wagons, including repairs.....	13	65	10		1		48	Fe 51	Se 45	40	40				140,335
10	Cars and general shop construction and repairs by steam-railroad companies.....	5	2,734	137	71	39	2,487	Fe 2,614	Ap 2,330	2,545	2,539	6				2,565,205
11	Chemicals.....	8	663	2	39	42	19	561	Fe 621	Ap 464	638	575	63			3,996,438
12	China decorating.....	3	31	3				28	Op 34	Ja 22	34	16	15		3	42,936
13	Clothing, men's.....	5	72	7	1			63	Ap 70	Ja 53	68	44	17	7		160,767
14	Clothing, women's.....	25	507	32	19	18	3	435			507	36	471			392,225
15	Regular factory products.....	8	175	11	9	16	3	136	Fe 144	My 123	144	6	138			321,315
16	Contract work.....	17	332	21	10	2		299	Aut 359	Ap 263	363	30	333			70,910
17	Confectionery and ice cream.....	26	634	23	25	35	15	586			646	348	247	9	42	1,847,738
18	Confectionery.....	8	576	7	17	31	14	507	Fe 572	Je 429	569	288	230	9	42	1,619,504
19	Ice cream.....	18	108	16	8	4	1	79	Jy 107	Ja 53	77	60	17			228,294
20	Cooperage.....	14	271	10	16	6	5	234	No 254	Je 216	254	253		1		734,355
21	Copper, tin, and sheet-iron work.....	19	204	16	21	13	6	148	De 187	Je 108	188	184		3	1	608,967
22	Dyeing and finishing textiles, exclusive of that done in textile mills.....	9	219	6	12	18	9	174	No 199	Mh 144	197	154	43			440,839
23	Dyestuffs and extracts—natural.....	5	103	1	17	12	7	66	De 71	Jy 59	71	71				583,855
24	Electrical machinery, apparatus, and supplies.....	14	1,575	5	59	144	82	1,285	No 1,558	Mh 1,143	1,496	844	577	55	20	3,451,91
25	Fancy articles, not elsewhere specified.....	6	69	7	2		1	59	No 74	Ja 40	65	13	50			64,737
26	Food preparations, not elsewhere specified.....	11	519	15	30	58	20	396	Ja 445	My 361	434	294	111	11	18	1,785,329
27	Foundry and machine-shop products.....	43	2,033	26	126	212	103	1,566			1,825	1,721	101	2	1	7,948,610
28	Boiler shops and foundries.....	6	198	5	11	9	8	165	De 224	Ap 137	224	224				343,271
29	Machine shops, and machine shop and foundry combined.....	37	1,835	21	115	203	95	1,401	Ja 1,016	Jy 1,065	1,601	1,497	101	2	1	7,605,339
30	Furniture.....	8	386	7	13	46	20	300	No 323	Ap 283	313	306	6	1		1,395,151
31	Gold, leaf and foil.....	3	38	7				31	De 35	Mh 28	35	17	18			25,360
32	Hats and caps, other than felt, straw, and wool.....	6	29	7				22	(*) 22	(*) 22	23	14	9			11,595
33	House-furnishing goods, not elsewhere specified.....	5	34	3	7		1	23	Jy 36	Mh 11	35	7	26		2	80,888
34	Iron and steel forgings, not made in steel works or rolling mills.....	3	71	3	6	8	1	53	Ja 85	Jy 37	63	63				351,816
35	Knit goods.....	19	372	26	8	22	12	304	No 345	Ja 232	352	138	206		8	1,041,780
36	Lumber, planing-mill products, not including planing mills connected with sawmills.....	12	176	4	14	8	5	145	Se 172	Fe 109	180	180				674,131
37	Marble and stone work, except slate.....	0	69	12	5	1	4	47	Op 55	Mh 31	56	56				98,647
38	Mattresses and spring beds, not elsewhere specified.....	6	44	4	8	3		29	Ap 33	Ja 26	28	25	3			141,561
39	Millinery and lace goods, not elsewhere specified.....	43	697	55	20	29	4	589			647	75	553	1	18	1,299,046
40	Embroideries.....	31	377	43	9	8	2	315	My 385	Aut 246	333	59	260	1	13	356,345
41	All other.....	12	320	12	11	21	2	274	My 283	Ja 239	314	16	293		5	942,701
42	Mineral and carbonated waters.....	11	76	14	4	6	2	50	Jy 62	Ja 41	45	45				141,588
43	Models and patterns, not including paper patterns.....	7	161	8	9	3	5	136	Aut 152	Ja 111	150	148	1	1		402,045
44	Paints.....	8	267	1	23	43	15	185	Se 200	Ja 163	198	162	36			1,676,476
45	Paper and wood pulp.....	4	317		20	8	7	282	Mh 301	Je 254	292	191	69	20	12	1,654,415
46	Patent medicines and compounds.....	12	198	4	25	44	19	106	Mh 118	Jy 91	111	60	46			497,516
47	Printing and publishing, book and job.....	37	492	40	17	13	15	407	De 556	Aut 207	559	464	85	10		1,676,654
48	Shipbuilding, wooden, including boat building.....	6	379	2	19	11	7	340	De 398	Mh 281	398	398				880,102
49	Signs and advertising novelties.....	4	12	4				8	(*) 8	(*) 8	8	7	1			6,350
50	Silk goods.....	5	711	3	11	36	9	652	De 734	Mh 353	734	330	393	8	3	2,190,590
51	Slaughtering and meat packing.....	12	2,579	7	53	380	147	1,992	Ja 2,146	No 1,174	2,047	1,844	202	1		13,737,769
52	Steam packing.....	5	263	1	22	11	22	207	Se 316	Jy 130	213	185	28			1,845,247
53	Structural ironwork, not made in steel works or rolling mills.....	9	240	5	14	13	1	207	Op 239	Je 172	169	169				770,088

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

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

MANUFACTURES—NEW JERSEY.

947

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
7,789,554	8,131,740	42,013,091	1,169,170	786,642	15,371,401	257,905,399	5,515,821	374,182,924	110,761,704	78,897	42,349	5,857	3,452	.....	27,239	20,870	1
36,827	47,540	346,526	600	11,883	27,780	424,261	20,252	1,087,413	642,900	534	25	.....	87	.....	422	8	2
11,225	8,108	95,000	60	19,518	1,024	109,779	0,035	318,129	202,315	143	.....	.....	22	.....	121	3	3
18,518	7,871	30,302	.....	5,666	1,828	111,267	1,503	202,148	89,378	34	10	.....	10	.....	14	4	4
.....	.....	13,198	1,054	1,932	6	6,520	474	31,878	24,884	4	.....	.....	.....	.....	4	5	5
75,128	74,096	495,399	5,049	17,297	22,047	697,041	18,982	1,473,640	757,617	674	175	.....	17	.....	482	6	6
75,389	28,873	335,747	.....	554	82,973	2,482,792	60,569	3,350,804	807,503	599	25	10	20	.....	544	7	7
130,386	80,205	1,455,693	.....	101,776	43,810	8,850,394	147,440	12,201,220	3,203,380	7,226	305	400	.....	.....	0,521	590	8
.....	1,872	71,067	4,836	2,072	2,256	58,825	3,932	204,827	142,070	119	.....	.....	70	.....	49	9	9
328,546	131,817	3,868,189	.....	43,695	3,097,784	212,399	7,729,037	4,418,854	7,352	4,217	2,035	83	.....	1,017	1,949	10	10
272,682	78,960	766,068	.....	18,629	253,340	3,885,110	259,036	7,023,242	2,879,096	1,600	765	.....	.....	.....	895	167	11
.....	.....	26,510	.....	902	260	11,721	2,253	47,534	33,500	6	.....	.....	.....	.....	6	12	12
3,380	260	87,276	61,379	1,680	930	145,351	2,825	323,242	175,066	22	.....	.....	.....	.....	22	13	13
35,061	28,715	350,266	13,260	18,040	624	659,723	6,998	1,226,295	559,574	82	.....	.....	.....	.....	82	14	14
23,112	26,295	116,270	9,681	7,618	170	595,303	2,650	804,892	268,939	22	.....	.....	.....	.....	22	15	15
12,549	2,420	233,996	3,579	10,422	454	64,420	4,348	361,403	292,635	60	.....	.....	.....	.....	60	16	16
66,994	99,787	471,255	.....	27,429	111,497	2,203,326	40,925	3,685,997	1,451,746	770	315	.....	79	.....	376	122	17
45,803	94,123	399,493	.....	17,132	107,059	1,824,401	28,833	3,053,118	1,199,879	610	315	.....	60	.....	235	122	18
21,191	5,664	71,762	.....	10,297	4,438	378,925	12,087	642,879	251,867	160	.....	.....	19	.....	141	19	19
65,497	14,833	315,510	.....	14,447	39,386	1,295,867	9,440	1,921,253	615,946	260	111	.....	.....	.....	149	20	20
58,508	25,491	212,399	10,320	9,374	11,221	516,205	5,427	951,185	429,553	335	.....	.....	67	.....	208	21	21
32,028	21,840	205,662	.....	7,010	11,489	396,248	30,309	861,215	434,658	420	333	.....	13	.....	74	22	22
79,057	34,458	67,001	.....	3,573	23,400	685,631	20,745	1,000,619	294,243	393	.....	250	.....	.....	143	23	23
223,801	253,027	1,277,701	.....	12,454	161,134	3,095,941	53,667	7,395,196	4,245,688	944	612	.....	66	.....	266	429	24
3,830	832	54,562	5,879	4,602	17	122,179	452	245,183	122,552	7	.....	.....	.....	.....	7	25	25
130,491	121,766	371,212	.....	6,942	78,498	2,343,611	60,303	3,653,788	1,249,874	1,302	925	150	78	.....	149	1,050	26
560,417	342,107	2,192,711	27,679	57,186	303,834	5,505,131	89,748	10,433,621	4,838,742	3,107	1,079	.....	481	.....	1,547	746	27
35,214	16,166	265,955	.....	12,922	4,798	230,160	17,128	694,528	447,234	229	94	.....	105	.....	30	28	28
525,203	325,941	1,927,516	27,679	44,264	299,036	5,274,965	72,620	9,739,093	4,391,508	2,878	985	.....	376	.....	1,517	746	29
67,485	77,219	346,328	.....	12,640	38,344	1,017,092	12,571	1,856,360	826,697	526	400	.....	.....	.....	126	25	30
.....	.....	28,755	780	125	33,912	33,912	485	83,695	49,298	8	.....	.....	3	.....	5	31	31
.....	.....	20,900	3,400	2,244	200	25,502	1,787	71,532	44,243	19	12	.....	.....	.....	7	32	32
8,100	860	15,296	.....	2,608	247	57,610	1,145	100,131	41,376	35	.....	.....	.....	.....	35	33	33
33,980	12,823	77,588	.....	1,500	7,706	57,099	17,950	215,904	140,855	500	210	.....	.....	.....	290	34	34
40,040	61,160	276,545	27,740	6,820	14,574	761,651	16,374	1,433,224	655,199	155	65	.....	10	.....	80	35	35
48,190	13,974	191,193	11,517	5,651	20,818	512,149	12,244	983,689	459,296	741	485	.....	87	.....	109	400	36
7,602	4,047	62,974	.....	1,838	906	88,790	2,143	208,779	117,856	86	.....	.....	.....	.....	83	37	37
22,095	3,308	47,112	.....	2,185	3,034	107,998	1,229	214,074	104,847	39	.....	.....	20	.....	19	38	38
100,713	49,944	411,427	103,239	13,434	30,979	2,867,823	13,041	3,898,898	1,017,434	112	.....	.....	6	.....	106	39	39
16,069	7,384	216,698	52,088	8,018	4,692	307,053	7,569	764,831	450,209	79	.....	.....	6	.....	73	40	40
84,044	42,560	194,729	51,151	5,416	20,287	2,500,770	6,072	3,134,067	567,225	33	.....	.....	.....	.....	33	41	41
5,720	8,926	47,885	1,700	5,600	13,147	131,945	2,532	245,803	111,325	51	.....	.....	.....	.....	51	42	42
35,490	13,162	174,677	2,240	5,859	3,680	54,512	3,081	313,104	255,561	272	.....	.....	.....	.....	272	43	43
132,157	99,503	218,415	6,807	7,600	48,008	1,336,421	14,559	2,177,431	826,451	655	400	.....	25	.....	230	44	44
73,469	20,793	277,599	.....	65	20,273	541,803	148,552	1,148,921	458,566	2,394	1,950	.....	.....	.....	444	233	45
53,385	71,894	83,064	.....	6,886	13,620	447,066	9,992	933,901	476,843	171	55	.....	72	.....	44	15	46
80,394	43,646	646,788	12,324	14,168	580,095	28,129	1,595,031	986,807	.....	416	250	.....	45	.....	121	200	47
95,292	28,093	528,954	16,560	15,870	33,743	598,695	9,008	1,579,818	972,115	345	220	.....	15	.....	110	48	48
177,719	102,439	625,241	410,602	3,700	127,723	1,704,313	33,872	3,377,840	1,639,061	1,106	1,060	.....	.....	.....	7	254	49
230,775	696,574	2,713,879	250,902	54,194	178,350	70,903,987	265,237	78,236,075	7,066,851	5,289	3,611	847	.....	.....	831	1,454	50
97,879	34,999	282,495	.....	6,000	25,022	678,353	12,602	1,360,975	669,990	750	665	.....	.....	.....	85	51	51
42,180	20,212	259,645	.....	3,928	12,691	492,823	26,441	983,133	463,869	439	150	.....	155	.....	134	280	52

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

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.									WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.
		Total.	Pro-pri-ors and firm mem-bers.	Sala-ried offi-cers, super-in-tend-ents, and man-agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Fe-male.	Aver-age num-ber.	Number, 15th day of—			Male.	Fe-male.	Male.	Fe-male.	
								Maximum month.	Minimum month.						

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

JERSEY CITY—Continued.																	Dollars.	
1	Tobacco, cigars and cigarettes.....	34	1,527	29	66	55	24	1,353	Do	1,690	Au	823	1,797	427	1,268	9	93	8,759,741
2	Toys and games.....	4	49	6				43	Je	53	Ja	18	39	13	26			28,614
3	Wirework, not elsewhere specified.....	3	13	2	1			10	Jy ^a	12	No ^a	8	15	2	9	4		11,220
4	Wood, turned and carved.....	3	47	6			2	39	(1)	39	(1)	39	40	26	14			144,279
5	All other industries *.....	216	24,005	138	803	2,954	1,267	18,843					19,451	14,287	4,724	215	225	185,798,170

*All other industries embrace—																	
Artificial flowers.....	1																
Artificial stone products.....	1																
Artists' materials, crayons.....	1																
Dabbitt and type metal.....	3																
Bags, other than paper, not including bags made in textile mills.....	3																
Baking powders.....	1																
Belt and hose, woven, other than rubber.....	1																
Billiard tables and accessories.....	2																
Blacking, stains, and dressings.....	3																
Boot and shoe cut stock.....	1																
Boots and shoes.....	1																
Boxes, wooden packing, except cigar boxes.....	3																
Brooms, from broom corn.....	1																
Brushes.....	1																
Buttons.....	1																
Canning and preserving, fish.....	1																
Canning and preserving, vegetables.....	1																
Carriages and sleds, children's.....	1																
Cars and general shop construction and repairs by electric-railroad companies.....	1																
Chocolate and cocoa products.....	2																
Cleansing and polishing preparations.....	2																
Coal-tar products.....	3																
Coffee, roasting and grinding.....	1																
Coffins, burial cases, and undertakers' goods.....	1																
Collars and cuffs, men's.....	1																
Cordage and twine.....	1																
Cordials and flavoring sirups.....	2																
Cork, cutting.....	1																
Corsets, brassieres.....	1																
Cotton goods.....	1																
Crucibles, graphite.....	1																
Cutlery and edge tools, razors, scissors, shears, and clippers.....	2																
Dental goods.....	2																
Drug grinding.....	2																
Druggists' preparations.....	2																
Electroplating.....	1																
Emery and other abrasive wheels.....	1																
Engines, steam, gas, and water.....	2																
Engravers' materials.....	1																
Engraving, steel and copper plate, including plate printing.....	3																
Fertilizers.....	1																
Fireworks.....	2																
Flavoring extracts.....	3																
Fur goods.....	2																
Furnishing goods, men's.....	1																
Furs, dressed.....	1																
Galvanizing.....	2																
Gas and electric fixtures.....	3																
Gas, illuminating and heating.....	3																
Glass, cutting, staining, and ornamenting.....	3																
Gloves and mittens, leather.....	1																
Glue, not elsewhere specified.....	2																
Grease and tallow, not including lubricating greases.....	1																
Hair work.....	2																
Hardware.....	2																
Ice, manufactured.....	1																
Ink, printing.....	1																
Instruments, professional and scientific.....	2																
Iron and steel, steel works and rolling mills.....	2																
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	1																
Iron and steel, tempering and welding.....	2																
Iron and steel, wrought pipe.....	1																
Ivory, shell, and bone work, not including combs and hairpins.....	1																
Jewelry and instrument cases.....	6																

NEWARK—All industries															2,155	104,044	1,646	4,206	7,271	4,124	86,707	Oc	90,541	Fe	81,528	90,811	67,450	22,330	536	495	422,509,320																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1	Automobile bodies and parts.....	28	916	26	46	35	39	770	De	839	Fe	706	859	711	148	

MANUFACTURES—NEW JERSEY.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.						
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Owned.					Rent- ed. ²
											Steam en- gines (not tur- bines).	Steam tur- bines.	Internal- com- bus- tion en- gines.	Water pow- er. ¹		

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
124,905	69,613	1,116,185	2,924	9,831	2,911,020	4,010,510	26,544	8,799,933	4,762,879	1,010	40				970		1
1,868	18,218	4,709	2,408	156	20,693	715	38,669	60,077	11						5		2
1,100	6,140		983	59	7,723	290	21,518	12,518	5						5		3
	2,080	32,575	660	1,874	105,576	4,301	162,119	52,242	146	125	16				5		4
4,102,519	5,291,979	20,985,165	183,550	255,199	10,629,879	134,050,381	3,796,330	198,719,017	60,872,306	37,616	23,754	2,165	1,899		9,798	12,022	5

Lamps.	1	Paper goods, not elsewhere specified.	1	Scales and balances.	4	Suspenders, garters, and elastic wo-	
Leather goods, not elsewhere speci-	3	Paving materials.	1	Sewers, machine.	1	ven goods.	3
fied.		Pencils, lead.	3	Shipbuilding, steel, repair work only.	1	Textile machinery and parts.	3
Leather, tanned, curried, and fin-	3	Pens, fountain and stylographic.	1	Smelting and refining, not from the	1	Tinware, not elsewhere specified.	1
ished.		Petroleum, refining.	1	ore.	2	Tobacco, chewing, and snuff.	2
Liquors, malt.	1	Photographic apparatus.	1	Soap.	5	Tools, not elsewhere specified.	2
Looking-glass and picture frames.	1	Photographic materials, motion-pic-	1	Soda-water apparatus.	1	Type founding.	1
Lumber and timber products.	1	ture projection films.	2	Sporting and athletic goods.	2	Umbrellas and canes.	1
Minerals and earths, ground or other-	1	Pickles, preserves, and sauces.	2	Springs, steel, carriage and wagon,	1	Upholstering materials, not else-	
wise treated.		Pocketbooks.	1	not made in steel works or rolling		where specified.	1
Mucilage, paste, and other adhesives,	1	Printing and publishing, newspapers	5	mills.	1	Varnishes.	3
not elsewhere specified.		and periodicals.		Stamped ware.	1	Vinegar.	1
Musical instruments and materials,	1	Pulp goods.	1	Statuary and art goods.	3	Wall paper, not made in paper mills.	1
not elsewhere specified.		Regalia, and society badges and em-	2	Steam fittings and steam and hot-	1	Waste, cotton.	1
Musical instruments, piano mate-	1	blems.	2	water heating apparatus.	1	Watches.	1
rials.		Roofing materials.	2	Stoves and ranges.	2	Windmills.	1
Oakum.	1	Rubber tires, tubes, and rubber	2	Stoves, gas and oil.	1	Window shades and fixtures.	4
Oil, castor.	1	goods, not elsewhere specified.	2	Sugar, refining, not including beet	1	Wooden goods, not elsewhere speci-	2
Oil, animal and composite.	3	Saddlery and harness.	1	sugar.	1	fied.	
Oleomargarine and other butter sub-	3	Sausage, not made in slaughtering	1	Surgical appliances.	1	Wool pulling.	1
stitutes.		and meat-packing establishments.					

18,032,717	16,641,604	104,321,765	1,997,002	2,989,550	17,176,160	329,990,950	7,970,712	577,608,564	239,646,896	139,791	70,913	3,664	4,015	23	61,176	36,836	1
138,991	99,475	970,031	1,343	31,068	40,529	1,442,561	45,125	3,357,946	1,870,260	766	535		131		100	35	2
70,735	77,676	715,402	7,100	79,482	14,288	675,917	23,699	1,822,419	1,122,903	419	100				319		3
10,590	2,715	27,936		8,070	1,871	66,746	1,593	137,726	69,387	21					21		4
3,170	520	95,422	219	8,444	726	49,588	2,977	217,045	164,480	29			2		27		5
160,003	205,585	980,486	88	22,451	81,038	3,055,834	27,678	5,331,339	2,247,827	811	525	12			274	135	6
157,476	69,166	493,925	637	33,101	44,094	905,289	16,325	2,256,851	1,329,237	450	100	123			227		7
142,602	112,096	470,584	12,090	8,312	135,644	1,918,968	59,288	3,159,527	1,181,271	732	335	87			310	267	8
222,807	591,494	1,989,530	937	110,238	162,086	8,473,570	211,199	13,839,848	5,155,073	2,133	1,123	129	18		863	611	9
131,350	160,856	671,425	2,803	0,787	20,759	1,936,396	37,839	3,171,993	1,197,758	527	200	23			304	135	10
241,954	59,390	1,728,338	4,654	71,701	85,774	2,163,560	67,728	4,994,502	2,763,208	1,729	1,110	27			562	55	11
1,040		39,289	7,842	972	1,222	33,239	2,426	112,362	76,697	34		12			22		12
426,819	604,432	2,633,803		7,352	296,995	6,401,308	336,403	14,953,344	8,215,633	3,705	2,115	1,492	1		97	4,627	13
29,750	36,212	25,832	058	2,900	39,670	408,514	3,549	6,779,365	267,302	88	65				23		14
220,096	42,782	3,332,691	429,119	114,802	30,275	1,446,600	41,869	6,271,372	4,782,903	294		6			288		15
192,840	26,968	496,028	333,977	81,860	24,547	1,311,105	9,983	2,697,932	1,376,844	77					77		16
27,256	15,814	2,846,666	95,142	32,942	5,728	135,495	31,886	3,573,440	3,406,059	217		6			211		17
		4,204		492	8	785	288	10,015	8,942	3					3		18
142,690	217,157	1,076,396	115,626	55,835	81,849	3,092,518	13,917	5,668,915	2,562,480	397	150	48			190	43	19
115,893	185,471	788,411	92,324	40,467	80,412	2,977,808	9,705	5,083,033	2,068,520	294	150	48			106	43	20
26,806	31,686	287,985	23,302	15,368	1,437	114,710	4,212	582,882	463,960	103					103		21
507,294	250,416	2,634,906	465,468	252,300	6,971,891	492,222	11,596,070	4,131,957	8,511	3,650					4,861	600	22
164,310	214,263	794,739	2,500	51,266	144,318	2,551,141	58,728	4,750,087	2,140,188	469	125	25			319		23
131,026	197,897	670,937	2,500	33,516	120,082	1,671,093	47,026	3,433,353	1,715,234	298	125				173		24
33,284	16,266	123,802	2,500	12,750	24,236	880,048	11,702	1,316,704	424,954	171		25			140		25
11,731	2,090	39,399	103	4,967	3,551	274,080	3,734	375,627	97,813	30		10			20		26
38,625	34,017	296,896	10,714	9,368	6,889	582,450	7,411	1,160,420	570,559	141		36			105		27
359,348	723,658	1,496,122	33,877	67,512	343,537	4,108,959	21,513	8,357,826	4,227,354	491	250	60			181	208	28
250,201	228,944	1,457,014	2,353	11,056	170,579	607,167	104,105	3,550,301	2,839,029	1,487	725	135			627	63	29
1,150,422	1,405,650	9,208,276	3,100	72,173	2,113,791	12,375,732	223,023	32,134,906	19,536,151	16,865	12,225	600	7		4,033	12,730	30
1,800	3,584	78,463	100	7,443	971	48,854	3,937	190,628	138,137	118			20		98		31
108,065	49,834	371,044		9,334	211,789	476,753	18,965	1,368,386	872,608	535	450		55		30	309	32
7,620	3,112	123,205	5,176	7,929	338	27,758	2,073	274,240	244,409	32					32		33
5,637	11,267	135,247	3,177	7,780	774	29,648	5,105	310,108	275,355	70					70		34
357,631	247,372	1,112,122	6,535	54,891	52,345	1,945,549	51,157	4,517,075	2,520,369	1,752	220		152		1,380		35
7,551	21,307	21,067	926	1,080	3,540	116,256	1,119	224,831	107,456	19		7			12		36
70,731	77,784	164,207		14,592	14,229	1,108,311	34,309	1,905,846	703,226	750	375	47			328		37
788,361	615,119	4,581,196	17,670	113,590	678,854	4,335,855	259,928	13,979,230	9,383,453	4,853	2,450		237		3,166	781	38
478,782	494,740	2,745,497	13,935	69,550	503,627	2,417,598	123,872	8,903,531	6,362,581	2,818	850		232		1,736	80	39
309,579	120,379	1,835,689	3,735	44,034	175,227	1,918,257	136,556	5,075,685	3,020,872	2,035	1,600		5		490	701	40
	3,600	36,280	500	8,740	1,777	58,068	816	138,567	79,688	15					15		41
44,865	16,346	211,925	479	19,642	5,659	582,232	11,609	1,063,394	469,553	234	40				172		42
25,080	14,758	151,405		15,285	4,625	487,984	10,641	855,503	356,878	173	40				133		43
19,785	1,588	60,520	479	4,357	1,034	94,248	968	207,891	112,675	61		17	5		39		44

¹ Same number reported for one or more other months.

² Same number reported throughout the year.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

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

NEWARK—Continued.																		Dollars.
1	Furs, dressed.....	9	1,067	4	26	14	8	1,015	My	1,116	De	894	1,215	1,015	197	2	1	1,847,137
2	Glass, cutting, staining, and ornamenting.....	12	88	11	7	2	4	64	Ap	72	Se	57	61	35	26	.....	.....	100,920
3	Grease and tallow, not including lubricating greases.....	5	49	5	2	.....	2	40	Je	45	Mh	37	39	38	1	.....	.....	242,009
4	Hardware.....	16	1,438	10	42	40	59	1,287	De	1,327	Je	1,257	1,313	1,014	263	24	12	3,793,323
5	Hardware, saddlery.....	7	155	6	11	3	4	131	Ja	146	Je	126	133	130	2	1	.....	607,470
6	Hat and cap materials.....	6	454	4	15	7	4	424	Au	479	Ja	358	410	215	225	.....	.....	4,526,851
7	Hats and caps, other than felt, straw, and wool.....	5	10	6	.....	.....	.....	4	(?)	4	(?)	4	4	4	.....	.....	.....	13,431
8	Hats, fur-felt.....	18	1,759	16	59	50	15	1,619	No	1,841	Ja	1,347	1,813	1,386	424	3	.....	4,418,304
9	Instruments, professional and scientific.....	7	184	2	16	9	5	152	My	175	Fe	114	168	156	5	2	5	1,390,817
10	Iron and steel, tempering and welding.....	3	14	2	4	1	1	6	(?)	6	(?)	6	6	6	.....	.....	.....	35,796
11	Jewelry.....	165	4,144	151	280	277	203	3,143	De	3,431	Ja	2,600	3,420	2,500	787	34	18	21,145,949
12	Jewelry and instrument cases.....	7	109	7	4	.....	1	97	Ap	106	Ja	90	103	77	22	2	2	177,668
13	Knit goods.....	15	337	14	27	11	4	281	Oc	327	Se	222	317	102	214	1	.....	760,915
14	Leather goods, not elsewhere specified.....	13	428	12	20	11	8	377	De	424	Ap	328	424	319	105	.....	.....	516,704
15	Leather, tanned, curried, and finished.....	55	3,471	22	182	95	46	3,126	De	3,415	Ja	2,757	3,365	3,252	111	2	.....	29,730,060
16	Liquors, malt.....	7	1,315	.....	87	172	16	1,040	Au	1,111	Mh	980	995	995	.....	.....	.....	16,137,568
17	Lithographing.....	3	17	1	5	.....	1	10	Oc	16	Ja	6	16	15	.....	.....	.....	35,154
18	Looking-glass and picture frames.....	3	12	3	1	1	.....	7	Jy	8	Ja	6	9	8	.....	.....	.....	42,000
19	Lumber, planing-mill products, not including planing mills connected with sawmills.....	28	364	24	26	11	10	293	No	337	Ja	237	330	329	1	.....	.....	1,236,033
20	Machine tools.....	5	955	2	79	84	29	761	De	904	Mh	652	902	902	.....	.....	.....	2,066,375
21	Marble and stone work.....	19	149	14	20	6	1	108	De	109	Mh	51	173	173	.....	.....	.....	615,267
22	Mattresses and spring beds, not elsewhere specified.....	9	112	9	8	4	8	83	No	92	Ja	77	88	76	12	.....	.....	446,169
23	Millinery and lace goods, not elsewhere specified.....	9	326	6	11	26	6	277	My	304	Ja	250	262	37	105	1	29	932,511
24	Mineral and soda waters.....	19	130	22	11	2	2	93	Jy	107	Fe	81	90	84	3	3	.....	392,004
25	Mirrors, framed and unframed, not elsewhere specified.....	3	16	3	3	1	.....	9	De	10	Jy	8	10	9	1	.....	.....	30,228
26	Models and patterns, not including paper patterns.....	13	93	9	7	.....	3	74	No	85	Ja	67	81	81	.....	.....	.....	118,717
27	Oil, not elsewhere specified.....	8	280	2	21	68	21	168	Se	105	Fe	147	173	173	.....	.....	.....	1,829,643
28	Optical goods.....	10	275	4	17	7	8	239	De	253	Ja	227	254	126	123	5	.....	481,168
29	Paints.....	7	1,029	2	87	147	107	686	De	773	Ap	623	736	712	24	.....	.....	9,458,672
30	Paper goods, not elsewhere specified.....	8	221	5	20	28	18	150	De	164	Je	134	164	111	53	.....	.....	1,047,673
31	Patent medicines and compounds.....	19	82	10	11	17	10	34	Ja	37	My	32	40	24	16	.....	.....	153,683
32	Perfumery and cosmetics.....	7	217	.....	25	30	21	141	Mh	164	Fe	125	142	52	90	.....	.....	1,950,784
33	Photographs and graphophones.....	3	1,027	72	15	37	903	Oc	1,120	Ja	635	628	383	239	6	.....	.....	1,509,737
34	Photo-engraving.....	3	58	2	5	1	4	46	Ja	50	Ja	39	51	49	2	.....	.....	46,553
35	Pickles and sauces.....	10	75	10	7	1	5	52	Se	60	Fe	42	58	41	17	.....	.....	346,829
36	Printing and publishing, book and job.....	98	1,253	92	93	52	52	964	.....	.....	.....	.....	1,065	760	318	12	5	5,623,881
37	Job printing.....	95	1,223	92	89	51	51	940	De	1,067	Ja	897	1,071	737	317	12	5	5,535,876
38	All other.....	3	30	.....	4	1	1	24	(?)	24	(?)	24	24	23	1	.....	.....	88,005
39	Printing and publishing, newspapers and periodicals.....	22	904	9	54	208	73	560	.....	.....	.....	.....	545	498	38	9	.....	1,559,040
40	Printing, publishing, and job printing.....	11	880	4	48	203	65	560	Ap	598	Au	521	545	498	38	9	.....	1,547,880
41	Publishing without printing.....	11	24	5	6	5	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,210
42	Regalia, and society badges and emblems.....	4	69	3	5	1	3	57	Se	64	Ja	43	54	24	30	.....	.....	70,228
43	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	8	303	2	19	19	7	256	No	278	Ja	243	280	127	140	6	7	1,009,827
44	Saddlery and harness.....	9	17	8	2	.....	.....	7	Oc	10	No	5	10	10	.....	.....	.....	47,505
45	Sausage, not made in slaughtering and meat-packing establishments.....	7	51	7	.....	2	5	37	No	40	Ap	35	40	40	.....	.....	.....	123,482
46	Screws, machine.....	3	21	3	2	1	1	14	Se	21	Fe	5	18	17	1	.....	.....	43,071
47	Silversmithing and silverware.....	13	1,006	6	50	62	78	810	No	924	Ja	674	918	702	209	2	5	2,112,386
48	Slaughtering and meat packing.....	7	662	6	11	92	23	530	Ja	611	Au	484	595	532	63	.....	.....	1,619,836
49	Stamped ware, not elsewhere specified.....	20	2,184	12	60	99	60	1,953	Au	2,039	Ja	1,772	2,012	1,320	576	53	57	4,227,892
50	Steam fittings and steam and hot-water heating apparatus.....	3	152	1	12	10	9	120	Ja	136	My	115	122	101	21	.....	.....	753,664
51	Stencils and brands.....	3	22	3	3	4	1	11	Oc	23	Ja	7	23	10	12	.....	.....	18,852
52	Structural ironwork, not made in steel works or rolling mills.....	19	638	19	20	60	4	526	Oc	683	My	423	673	673	.....	.....	.....	2,186,011
53	Tobacco, cigars and cigarettes.....	74	1,801	68	88	53	40	1,552	.....	.....	.....	.....	2,142	330	1,753	10	49	6,012,809
54	Cigars.....	69	1,797	64	88	53	40	1,552	De	2,096	Au	914	2,142	330	1,753	10	49	6,006,909
55	Cigarettes.....	5	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,900
56	Tools, not elsewhere specified.....	46	1,074	29	84	32	48	881	.....	.....	.....	.....	1,058	1,010	41	6	1	2,651,072
57	Machinists' tools.....	19	260	10	38	4	10	198	No	232	My	160	283	279	4	.....	.....	587,054
58	All other.....	27	814	19	46	28	38	683	De	741	Fe	660	775	731	37	6	1	2,064,018
59	Toys and games.....	10	788	4	28	25	16	715	Au	888	Ja	490	543	266	268	4	5	1,209,037
60	Trunks and valises.....	15	794	8	39	50	24	673	De	709	Ja	618	711	623	88	.....	.....	2,267,860
61	Varnishes.....	12	628	2	51	149	56	370	De	432	Ja	319	432	390	42	.....	.....	4,759,785

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

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars. 170,711 9,277	Dollars. 33,027 5,725	Dollars. 1,481,327 70,420	Dollars. 8,102 841	Dollars. 16,034 4,135	Dollars. 52,350 1,326	Dollars. 688,303 48,159	Dollars. 77,034 4,605	Dollars. 3,735,122 203,025	Dollars. 2,969,785 150,261	754 36				754 36	1 2
19,570	1,640	56,529		1,075	755	627,236	9,587	786,900	150,077	160	160				3
177,646 89,518 75,629	151,218 7,927 19,396	1,260,954 149,161 411,432 5,096	2,068	16,295 2,930 1,551 1,322	139,434 155,362 104,065 219	1,932,333 138,630 1,987,636 23,423	58,529 11,038 24,947 565	4,760,107 602,146 3,506,670 45,500	2,769,245 512,478 1,494,087 21,512	1,837 329 738 6	1,525 170 695	50 140		168 19 43 6	630 10 70 6
221,347 47,096	125,330 24,409	2,399,279 201,197	600	29,076 9,772	298,073 2,500	4,185,704 79,082	121,949 8,440	8,394,988 384,147	4,087,335 296,625	1,882 188	1,443 120			439 68	71 8 9
5,005	1,866	8,922		300	350	11,198	1,451	32,304	19,655	9				9	10
1,311,993 19,000 120,551 68,605	1,042,257 2,000 24,743 24,947	4,330,483 92,306 304,543 393,676	255,037	145,724 4,347 15,509 2,049	391,405 2,422 103,903 5,739	14,380,442 157,644 686,933 573,087	83,647 2,227 6,729 8,344	27,484,352 342,702 1,698,401 1,321,045	13,020,263 182,831 1,004,739 739,614	1,610 51 102 127	310	144 26		1,156 25 102 67	388 12 13 14
1,244,378	313,383	4,512,904	434,256	165,642	671,717	33,559,154	488,248	48,276,048	14,228,646	9,419	2,890			6,529	390
565,332 10,049 900 75,237	381,565 931 1,200 26,720	1,532,937 11,183 6,800 316,956		50,218 2,369 1,175 4,595	4,972,962 3,029,809 403 909 35,056	3,029,809 10,361 5,208 772,999	317,897 468 438 20,165	15,332,121 49,168 21,800 1,522,047	11,984,415 38,279 16,154 728,883	8,563 20 1 1,507	8,503			60 20 1 697	1,861 21 18 19
269,061 53,043 24,076	158,434 9,684 11,435	1,082,658 158,550 121,194		600 33,154 4,410	120,062 7,555 4,399	874,372 193,205 538,318	27,738 10,720 6,186	3,033,382 620,134 827,380	2,131,272 416,149 282,876	1,533 899 143	1,240 500	90		293 309 143	1,030 220 22
64,140	39,483	170,119	52,051	14,805	24,451	986,169	4,103	1,470,342	480,070	130	80			50	45
29,715 5,430	7,420 724	130,218 12,951		3,839 800	11,941 336	330,868 35,589	8,293 1,470	721,153 73,000	381,092 32,935	182 14	25	17		140 14	24 25
19,905	2,183	109,927	15,474	6,040	3,225	44,295	3,128	247,472	200,049	106		16		90	26
130,836 54,140 275,537 120,340 33,562 173,658 202,331 11,008 19,940 314,173	121,685 20,113 335,845 68,774 43,794 125,199 43,484 6,455 5,780 115,430	238,331 216,386 822,889 134,507 22,306 114,453 809,896 77,673 50,782 1,012,859		4,375 14,828 6,535 16,101 7,002 18,390 17,400 3,491 7,540 70,656	26,924 5,241 337,985 12,332 3,851 77,414 10,763 2,054 589,293 1,714,127	2,993,166 380,672 7,095,503 1,247,445 122,871 539,470 1,058,479 40,168 589,293 1,714,127	64,364 4,073 299,700 13,502 956 4,321 37,044 2,654 4,985 42,730	4,192,162 823,599 10,660,128 1,897,656 201,899 1,738,750 2,942,674 1,840,451 115,315 297,577 4,055,961	1,134,632 439,154 3,264,925 638,709 201,899 1,194,959 1,840,451 115,315 297,577 2,299,098	523 93 2,342 252 25 50 756 15 169 800	289	5		220 93 1,088 202 25 50 456 15 155 773	27 28 29 30 31 32 33 34 35 36
293,141 21,032 239,210	113,616 1,820 423,184	990,117 22,742 837,833	66,202 2,861 31,223	68,945 1,711 38,077	68,477 493 103,372	1,679,153 34,974 1,644,473	41,736 1,000 37,047	3,961,391 94,570 3,991,258	2,240,502 58,596 2,200,138	857 3 583	60 407	27		770 3 176	37 34 39
234,234	414,823	837,833	5,610	36,902	103,353	1,030,738	37,047	3,830,165	2,155,780	583	407			176	500
4,976 26,480	8,361 4,930		25,613 47	1,775 2,647	19 1,306	7,735 60,435		61,093 165,087	53,358 103,792			23		22	41 42
78,445	27,425	222,747	460	4,348	25,864	481,668	26,974	1,123,251	614,609	901	715			186	102
2,000		6,029		2,220	565	20,364	354	43,778	23,060	4				4	44
	8,644	57,180	4,212	360	3,135	591,640	9,807	718,754	117,247	202				202	45
3,120 166,211 54,558 257,353	1,270 190,807 145,711 179,685	14,014 1,036,862 515,512 1,947,179		2,715 44,121 47,189 15,516	300 21,402 65,708 177,488	22,383 1,707,840 12,149,691 1,823,961	340 28,653 66,265 104,810	45,676 3,831,837 13,273,678 5,475,390	22,953 2,095,344 1,037,720 3,546,619	23 1,110 1,143 1,093	800 380 855	98 450 85		23 212 313 163	46 546 198 49
42,909	23,243	141,033		1,400	42,588	459,557	11,916	873,237	401,764	368	175	28		165	50
1,583 108,846	1,943 100,999	7,104 729,831		1,349 6,643	19 90,908	5,979 1,778,693	495 36,899	22,333 3,256,221	15,859 1,440,719	11 1,306				11 486	51 1,689
242,661 242,661	118,954 118,954	1,221,828 1,221,828	49,570 49,570	51,878 50,234	712,004 711,312	2,470,071 2,463,411	15,967 15,842	5,329,343 5,312,761	2,843,305 2,833,508	643 641	185 185	15 15		443 441	67 54
224,336 118,183 106,163 104,995 236,347 343,957	91,662 9,969 81,693 79,888 190,721 431,112	1,138,366 213,608 924,758 681,079 888,296 443,418	15,913 8,515 7,398 20,925 711 14,896	45,121 14,367 30,754 22,405 39,337 4,646	163,793 3,037 160,756 29,677 42,605 106,895	612,523 44,767 567,756 839,037 2,651,930 4,182,478	43,684 10,367 33,317 26,304 13,601 50,461	2,891,241 479,025 2,412,216 2,250,216 4,701,655 7,316,977	2,235,034 423,891 1,811,143 1,384,875 2,086,124 3,084,038	1,347 406 941 315 804 810	537 537 105 150 450	230 101 129		580 305 275 210 154 360	562 57 58 59 60 61

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

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

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

NEWARK—Continued.															Dollars.
1	Window shades and fixtures.....	7	22	8	1	1	12	De	14	Mh ^a	11	14	11	3	36,400
2	Wirework, including wire rope and cable, not elsewhere specified.	7	273	4	18	9	12	Mh	241	Au	221	231	223	7	831,477
3	Wood, turned and carved.....	6	20	5	1	1	13	Ap	15	Ja ^a	12	12	12		46,918
4	All other industries*	300	30,311	165	891	2,522	1,150					23,874	20,097	3,625	145,573,445

*All other industries embrace—															
Aluminum ware.....	2														
Artificial flowers.....	2														
Artificial stone products.....	2														
Artists' materials, crayons.....	1														
Automobiles.....	1														
Babbitt metal and solder.....	3														
Bags, other than paper, not including bags made in textile mills.....	2														
Baking powders.....	1														
Baskets, and rattan and willow ware	1														
Belting, leather.....	6														
Belting, woven, other than rubber.	2														
Blackening, stains, and dressings.	2														
Bluing.....	1														
Boot and shoe findings.....	3														
Boxes, cigar.....	2														
Boxes, wooden packing, except cigar boxes.....	3														
Brooms, from broom corn.....	1														
Canning and preserving, fish.....	1														
Carpets, rag.....	2														
Carriage and wagon materials.....	1														
Carriages and sleds, children's.....	2														
Cars and general shop construction and repairs by electric-railroad companies.....	1														
Cars and general shop construction and repairs by steam-railroad companies.....	1														
Cheese.....	1														
Chewing gum.....	7														
Chocolate and cocoa products.....	2														
Coffee, roasting and grinding.....	7														
Coffins, burial cases, and undertakers' goods.....	4														
Combs and hairpins, not made from metal or rubber.....	2														
Cordials and flavoring sirups.....	2														
Cork, cutting.....	3														
Cotton goods.....	2														
Dental goods.....	2														
Drug grinding.....	1														
Druggists' preparations.....	3														
Dyeing and finishing textiles, exclusive of that done in textile mills.....	3														
Dyestuffs and extracts—natural.....	3														
Enameling.....	2														
Engravers' materials.....	1														
Envelopes.....	1														
Feathers and plumes.....	1														
Felt goods.....	2														
Fertilizers.....	2														
Files.....	6														
Flour-mill and gristmill products.....	1														
Foundry supplies.....	1														
Furnishing goods, men's.....	4														
Galvanizing.....	1														
Gas and electric fixtures.....	2														
Gas, illuminating and heating.....	1														
Gas machines and gas and water meters.....	3														
Gloves and mittens, cloth, not including gloves made in textile mills	2														
Gold, leaf and foil.....	3														
Gold and silver, reducing and refining, not from the ore.....	13														
Hand stamps.....	2														
Hats, straw.....	1														
Hats, wool-felt.....	1														
House-furnishing goods, not elsewhere specified.....	5														
Ice, manufactured.....	3														
Ink, printing.....	3														
Ink, writing.....	1														
Iron and steel bolts, nuts, washers, and rivets, not made in rolling mills.	2														
Iron and steel, cast-iron pipe.....	2														
Iron and steel forgings, not made in steel works or rolling mills.....	4														
Iron and steel, wire nails and spikes, not made in steel works or rolling mills.....	1														

1	PASSAIC—All industries.....	234	20,801	193	560	1,392	457	18,203	De	21,312	Mh	7,704	21,396	12,551	7,887	351	607	115,979,603
2	Automobile bodies and parts.....	3	5	3				2	(4)	2	(4)	2	2	2				9,571
3	Automobile repairing.....	5	16	6	2			8	(4)	8	(4)	8	9					12,633
4	Boxes, set-up paper boxes.....	3	88					77	Au	84	Mh	70	78	26	47	2	3	99,723
5	Bread and other bakery products.....	37	122	42	7	1	5	75	De	80	Ja	72	78	78				325,292
6	Clothing, women's.....	10	102	14		1	3	84	Se	55	Ja	17	107	25	82			117,269
7	Regular factory products.....	4	49	7				38	Ap	54	Jy	39	54	18	36			89,902
8	Contract work.....	6	53	7				46	Se	41	Fe	33	37	7	40			27,367
9	Copper, tin, and sheet-iron work.....	5	51	5	7	2		37	Se	54	Ja	17	54	18	36			59,787
10	Cotton goods.....	6	1,743	58	17	12	8	1,656	De	1,821	Fe	1,263	1,821	994	817	5	5	15,911,592
11	Dyeing and finishing textiles, exclusive of that done in textile mills.....	6	588	1	20	22	12	537	De	615	Mh	452	615	507	97	6	5	2,025,719
12	Foundry and machine-shop products.....	11	696	5	48	146	39	458	My	470	De	442	483	477		6		2,317,923
13	Furnishing goods, men's.....	9	1,447	6	36	42	28	1,335	Ja	1,067	Mh	421	1,333	104	1,028	18	123	3,813,795
14	Millinery and lace goods, not elsewhere specified.....	34	715	30	24	1	4	656					743	40	676	3	24	370,490
15	Embroideries.....	20	52	21				31	Oe	36	Ja	22	36	12	23	1		47,962
16	All other.....	14	663	9	24	1	4	625	No	790	Mh	218	707	28	653	2	24	322,537
17	Mineral and carbonated waters.....	4	12	3	1		1	7	(4)	7	(4)	7	7	7				26,061
18	Printing and publishing, book and job.....	13	45	14	2		2	27	De	29	Ap	25	29	26	3			94,360
19	Silk goods, including throwsters.....	7	533	8	22	8	5	490	Fe	522	Mh	392	498	82	204	41	81	1,237,614
20	Tobacco, cigars.....	11	19	11				8	De	11	Ja	6	11	11				11,083
21	Worsted goods.....	7	8,586	114	459	86	7,927	Je	9,909	Fe	801		9,804	4,947	4,295	215	347	53,175,225
22	All other industries*	63	6,043	45	225	693	261	4,819					5,741	5,122	548	52	19	35,771,357

*All other industries embrace—																		
Awnings, tents, and sails.....	1																	
Belting and hose, rubber.....	1																	
Blackening, stains, and dressings.....	1																	
Bookbinding and blank-book making.....	2																	
Carriages and wagons.....	1																	
Cars, steam-railroad, not including operations of railroad companies.....	1																	
Chemicals.....	1																	
Clothing, men's.....	2																	
Coal-tar products.....	3																	
Confectionery, ice cream.....	1																	
Cordials and flavoring sirups.....	1																	
Dyestuffs and extracts—natural.....	1																	
Electrical machinery, apparatus, and supplies.....	1																	
Engraving and die-sinking.....	2																	
Engraving, steel and copper plate, including plate printing.....	2																	
Food preparations, macaroni, vermicelli, and noodles.....	3																	
Furniture, wood, other than rattan and willow.....	1																	
Instruments, medical and surgical.....	2																	
Knit goods.....	2																	
Liquors, malt.....	1																	
Marble and stone work, except slate.....	1																	
Mattresses and spring beds, not elsewhere specified.....	2																	

1	PATERSON—All industries.....	1,044	42,089	1,007	1,473	1,557	835	37,217	De	30,539	Fe	33,883	41,816	25,403	15,
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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.						
2,000	500	8,926	2,385	315	63,845	422	92,612	28,345	565,023	310	100			210	5	1
72,669	29,782	271,020	2,220	127,710	1,005,159	16,650	1,586,832	565,023								2
2,206	384	13,047	600	900	802	10,648	1,113	39,196	27,435	32			27	5		3
3,817,978	5,102,011	33,161,809	130,954	449,037	2,737,667	147,452,061	3,503,075	215,565,392	64,610,256	45,294	18,067	1,072	1,342	24,813	5,920	4

Iron and steel, wrought pipe.....	2	Oleomargarine and other butter substitutes.....	1	Silk goods, including throwsters ...	2	Tinware, not elsewhere specified....	1
Ivory, shell, and bone work, not including combs and hairpins.....	5	Paper and wood pulp.....	3	Smelting and refining, copper.....	1	Typewriters and supplies.....	4
Japanning.....	5	Pens, fountain and stylographic.....	1	Smelting and refining, not from the ore.....	1	Umbrellas and canes.....	3
Labels and tags.....	1	Pens, gold.....	2	Soap.....	1	Upholstering materials, imitation leather and leatheroid.....	5
Lamps, automobile.....	1	Photographic apparatus.....	4	Soda-water apparatus.....	5	Wall plaster and composition flooring	1
Lapidary work.....	7	Plated ware.....	1	Sporting and athletic goods.....	2	Waste, cotton.....	1
Lasts.....	3	Pocketbooks.....	1	Springs, steel, car and carriage, not made in steel works or rolling mills	3	Watch materials, except watchcases.	1
Minerals and earths, ground or otherwise treated.....	2	Pottery, earthen and stone ware.....	2	Stationery goods, not elsewhere specified.....	4	Watchcases.....	2
Mucilage, paste, and other adhesives, not elsewhere specified.....	2	Pumps, steam and other power.....	3	Statuary and art goods.....	2	Window and door screens and weather strips.....	5
Musical instruments and materials, not elsewhere specified.....	1	Refrigerators.....	3	Steel barrels, drums, and tanks.....	1	Wire.....	2
Musical instruments, pianos.....	1	Roofing materials.....	1	Stereotyping and electrotyping.....	3	Wood distillation.....	1
Musical instruments, piano materials	1	Saws.....	1	Stoves and hot-air furnaces.....	2	Wood preserving.....	1
Needles, pins, and hooks and eyes..	3	Scales and balances.....	2	Stoves, gas and oil.....	3	Wooden goods, not elsewhere specified.....	2
Oil, essential.....	1	Sewing machines.....	1	Surgical appliances.....	2	Wool pulling.....	1
Oilcloth, enameled.....	3	Shipbuilding, steel, new vessels.....	1	Suspenders, garters, and elastic woven goods.....	1	Wool scouring.....	1
		Shipbuilding, wooden, masts, spars, oars, and rigging.....	1	Textile machinery and parts.....	1	Wool shoddy.....	1
		Shirts.....	4				
		Signs and advertising novelties.....	6				

2,633,864	3,126,142	18,472,056	550,249	147,288	8,177,222	75,230,885	1,076,798	129,073,484	52,159,801	42,759	17,727	7,820	950	254	16,008	15,318	1
		2,180		705	125	7,024	271	12,551	5,256	11					11		2
3,300		10,067		3,504	103	15,905	613	44,694	28,176	12					12		3
34,039	10,852	57,564		5,949	1,061	107,556	1,829	259,018	149,633	37					37		4
	2,773	144,063		13,873	3,408	501,268	20,397	762,231	240,566	126			6		120		5
	9,273	89,712		6,905	425	205,808	2,422	340,527	132,297	40					40		6
	9,273	45,398		4,325	355	195,103	1,581	267,323	70,689	17					17		7
		44,314		2,580	70	10,705	891	73,204	61,608	23					23		8
19,290	2,500	60,704		3,876	445	47,724	966	142,307	93,017	23					23		9
207,729	36,098	1,659,635		2,520	618,347	15,484,228	185,696	20,656,860	4,986,936	4,805	1,382	1,337	5	2,081	1,569	10	
187,948	35,298	568,947	9,937	8,146	147,208	2,132,165	135,402	3,739,265	1,471,698	2,125	1,718	25	10	372	615	11	
214,060	368,457	589,562		8,910	110,716	1,661,339	27,958	3,958,740	2,269,443	1,232	1,020		4	208	360	12	
130,363	200,083	885,577	121,332	12,542	165,843	2,871,433	17,850	5,443,314	2,554,031	737	695			42	583	13	
63,444	10,861	453,803	67,674	23,586	3,348	266,240	12,010	1,033,648	755,398	205				95	110	14	
		32,728		5,409	371	15,956	1,086	83,136	66,094							15	
63,444	10,861	421,075	67,674	18,177	2,977	250,284	10,924	950,512	689,304	205				95	110	16	
1,566	700	10,702		705	2,188	52,044	597	75,886	23,245	12					12	17	
5,330	974	27,760		5,251	394	46,274	1,544	108,709	60,891	21					21	18	
102,265	14,140	363,053	238,304	13,137	27,688	3,937,250	38,664	4,965,919	990,005	706	430			30	246	223	19
		7,042		2,044	4,691	21,507	408	42,090	21,075	1					1		20
625,261	1,115,061	8,140,990	110,210	2,454	6,000,541	27,024,917	596,063	51,274,660	23,653,680	14,662	5,825	6,158		2,679	7,599	21	
1,038,360	1,319,063	5,400,615	2,892	33,181	1,090,001	20,854,203	634,108	36,212,165	14,723,854	18,004	6,657	300	925	129	9,993	4,369	22

Models and patterns, not including paper patterns.....	1	Plumbers' supplies, not elsewhere specified.....	1	Signs, other than electric.....	1	Tinware, not elsewhere specified....	1
Paper goods, not elsewhere specified	3	Printing and publishing, newspapers and periodicals.....	5	Slaughtering and meat packing....	1	Tobacco, smoking.....	1
Patent and proprietary compounds, not elsewhere specified.....	1	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	2	Stamped ware, not elsewhere specified.....	1	Trunks and valises.....	1
Perfumery and cosmetics.....	1	Saddlery and harness.....	1	Stationery goods, not elsewhere specified.....	1	Upholstering materials, imitation leather and leatheroid.....	1
Pickles and sauces.....	1	Scales and balances.....	1	Structural ironwork, not made in steel works or rolling mills.....	4	Wall plaster and composition flooring.....	1

6,674,299	3,211,481	38,597,467	12,703,496	1,706,703	5,498,786	112,234,964	2,726,449	216,659,174	101,697,761	45,895	27,564	1,389	631	42	16,269	15,446	1
		18,713		420	1,198	11,713	759	40,691	28,519	10					10		2
2,500		49,168		7,974	1,317	75,376	3,832	191,464	112,256	57	5				52		3
4,316	4,580	2,350		745	45	1,074	133	10,500	9,293	2					2		4
				11,221	2,164	261,988	4,693	546,629	279,948	66					66		5
26,568	7,490	114,005		26,500	25,163	1,704,782	44,246	2,717,830	968,802	318					318		6
30,833	32,665	456,206		4,039	510	91,901	902	191,998	93,135	7					7		7
17,308	2,020	33,192		434	266	7,450	512	34,400	26,438	12					12		8
		12,161															
30,220	26,242	178,171		8,020	8,826	701,766	2,583	1,111,934	407,585	25					25		9

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

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

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

PATERSON—Continued.																Dollars.		
1	Clothing, women's.....	5	58	6	2		50	Je	16	Fe	11	57	10	47		17,411		
2	Confectionery and ice cream.....	15	91	18	3	5	58					60	45	12	1	432,432		
3	Confectionery.....	5	22	5			17	(*)	17	(*)	17	17	12	5		37,037		
4	Ice cream.....	10	69	13	3	5	39	Jy	43	Mh	30	43	33	7	1	305,335		
5	Copper, tin, and sheet-iron work.....	11	101	14	9	1	75	Au	88	Mh	61	86	86			220,341		
6	Dyeing and finishing textiles, exclusive of that done in textile mills.....	52	5,207	29	222	240	110	4,606	Jy	5,161	Se	3,326	5,007	4,358	594	29	15,481,371	
7	Food preparations, breadstuffs, macaroni, vermicelli, and noodles.....	5	31	11			2	18	No	21	Jy	14	21	18	3		149,592	
8	Foundry and machine-shop products.....	23	579	15	35	35	9	485				479	473	5	1	1,631,274		
9	Foundries.....	5	57	6	3	1	47	De	59	Mh	32	61	60		1	91,857		
10	Machine shops.....	13	181	8	18	17	3	135	Jy	162	Oc	100	135	134	1		678,846	
11	All other.....	5	341	1	14	17	6	303	Mh	340	No	227	283	279	4		860,571	
12	Hats and caps, other than felt, straw, and wool.....	5	12	5			7	(*)	7	(*)	7	7	7	7		14,330		
13	Jute goods.....	3	729		16	7	6	700	No	773	Fe	613	761	310	421	15	2,651,034	
14	Lumber, planing-mill products, not including planing mills connected with sawmills.....	8	202	4	20	11	5	162	Oc	180	Ja	142	178	178			703,254	
15	Marble and stone work, monuments and tombstones.....	6	13	9			4	My	6	Ja	1	6	6			16,600		
16	Mineral and carbonated waters.....	10	35	1	3		31	Jy	35	Fe	28	30	30			92,753		
17	Printing and publishing, book and job.....	22	94	21	6	5	4	58	Je	59	Ja	56	59	53	4	2	190,343	
18	Printing and publishing, newspapers and periodicals.....	9	222	4	21	31	7	159	Fe	179	Oc	150	157	144	12	1	608,188	
19	Shirts.....	9	1,549	11	20	104	86	1,328	De	1,391	Ja	1,275	1,397	380	949	18	50	5,324,142
20	Silk goods, including throwsters.....	574	24,088	603	813	468	368	21,836				23,661	11,558	11,697	153	253	69,118,327	
21	Finished products.....	489	21,849	518	728	456	355	19,792	De	21,340	Fe	17,221	21,389	10,722	10,366	112	189	66,420,989
22	Throwsters and winders.....	85	2,239	85	85	12	13	2,044	No	2,232	Fe	1,776	2,272	836	1,331	41	64	2,697,338
23	Structural ironwork, not made in steel works or rolling mills.....	4	187		13	28	146	Ja	169	No	117	110	119				973,234	
24	Textile machinery and parts.....	34	1,375	39	66	65	15	1,190	Jy	1,377	Se	972	1,343	1,179	120	38	6	3,370,814
25	Tobacco, cigars.....	21	82	20	1	3	58	No	61	Ap	55	61	61	54	5	2	77,351	
26	All other industries*.....	111	6,546	81	181	531	174	5,579				7,633	5,912	1,587	63	71	35,480,886	

*All other industries embrace—
 Asbestos products, not including steam packing..... 2
 Automobile bodies and parts..... 5
 Awnings, tents, and sails..... 2
 Baskets, and rattan and willow ware..... 1
 Belting and hose, woven, other than rubber..... 1
 Belting, leather..... 1
 Boxes, cigar..... 1
 Brass and bronze products..... 3
 Brooms, from broom corn..... 1

Brushes..... 1
 Buttons..... 1
 Carpets, rag..... 1
 Carriages and sleds, children's..... 1
 Coal-tar products..... 1
 Coffee, roasting and grinding..... 1
 Coffins, burial cases, and undertakers' goods..... 2
 Collars and cuffs, men's..... 1
 Cooperage..... 1
 Cordage and twine..... 2
 Cotton goods..... 3
 Cotton small wares..... 2
 Dyestuffs and extracts—natural..... 1
 Electroplating..... 2
 Engraving and diesinking..... 1
 Engraving, steel and copper plate, including plateprinting..... 1
 Fertilizers..... 1
 Files..... 1
 Fur goods..... 3
 Furniture, wood, other than rattan and willow..... 2
 Furs, dressed..... 2

Gas and electric fixtures..... 1
 Gas, illuminating and heating..... 1
 Glass, cutting, staining, and ornamenting..... 2
 Hat and cap materials..... 1
 Hats, fur-felt..... 1
 Hats, wool-felt..... 1
 Instruments, professional and scientific..... 1

1	TRENTON—All industries.....	389	28,443	296	942	1,798	860	24,547	De	20,159	My	23,036	20,257	19,616	6,079	214	348	107,820,886
2	Automobile repairing.....	19	78	19	.....	1	3	55	Je ⁴	61	Fe ⁴	48	59	58	.....	1	.....	48,609
3	Awnings, tents, and sails.....	4	10	2	.....	.....	.....	8	Je ⁴	15	Fe ⁴	4	12	6	6	.....	.....	9,395
4	Bread and other bakery products.....	52	385	57	15	24	18	271	De	305	Je	247	306	273	6	27	.....	1,015,889
5	Brick and tile, terra-cotta, and fire-clay products.....	6	299	3	12	7	2	275	Au	343	Fe	181	316	249	65	2	.....	636,727
6	Clothing, men's.....	5	498	5	12	48	18	415	De	442	Ap	391	442	86	356	.....	.....	948,357
7	Confectionery and ice cream.....	16	410	17	14	32	21	326	Jy	362	Ja	264	349	82	253	1	13	748,064
8	Cooperage, hogsheds and barrels.....	4	22	4	1	.....	1	16	Ja	22	Au ⁴	10	17	17	.....	.....	.....	26,060
9	Copper, tin, and sheet-iron work.....	16	66	17	4	.....	3	42	No ⁴	44	Ja ⁴	40	44	44	.....	.....	.....	96,574
10	Electrical machinery, apparatus, and supplies.....	6	1,033	.....	65	13	45	910	Fe	1,033	Ap ⁴	795	958	385	562	5	6	3,030,989
11	Food preparations, not elsewhere specified.....	6	38	5	3	6	1	23	De	43	Au ⁴	6	43	41	2	.....	.....	106,282
12	Foundry and machine-shop products.....	20	1,080	12	62	26	18	962	.....	.....	.....	.....	1,063	1,054	4	5	.....	2,809,123
13	Machine shops.....	14	429	8	24	6	8	383	No	435	My	345	438	433	.....	5	.....	725,485
14	All other.....	6	651	4	38	20	10	579	De	625	Ja	527	625	621	4	.....	.....	2,143,638
15	Furniture.....	5	136	3	12	10	1	110	Se	126	Ja	85	112	112	.....	.....	.....	288,095
16	Ice, manufactured.....	4	49	3	7	1	1	37	Au	54	Ja ⁴	25	47	47	.....	.....	.....	244,339
17	Lumber, planing-mill products, not including planing mills connected with sawmills.....	3	33	6	1	3	1	22	Je ⁴	24	Ja	19	22	22	.....	.....	.....	87,742
18	Marble and stone work.....	4	18	1	6	.....	.....	11	Au	15	Ja ⁴	6	16	10	.....	.....	.....	77,318
19	Mineral and carbonated waters.....	6	72	3	8	5	3	53	Au	67	Fe ⁴	46	47	45	2	.....	.....	218,034
20	Models and patterns, not including paper patterns.....	3	14	2	1	.....	1	10	De	12	Ja	8	12	12	.....	.....	.....	21,335
21	Optical goods.....	3	15	2	5	.....	1	7	My ⁴	8	Ja ⁴	6	6	6	.....	.....	.....	29,598
22	Patent medicines and compounds.....	4	5	4	.....	.....	.....	1	(⁸)	1	(⁸)	1	1	1	1	.....	.....	3,831

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

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

COMBINED AND SEPARATE LINE CHARTS:

[illegible]

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

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES															
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
5,509		38,131		3,314	175	20,312	1,450	81,599	59,837	20					20
8,080	11,145	64,013	350	21,220	2,571	481,026	11,502	721,356	228,828	231					231
		19,608		8,180	293	64,482	1,284	109,356	43,590	28					28
8,080	11,145	44,405	350	13,040	2,278	416,544	10,218	612,000	185,238	203					203
18,190	3,097	88,620		1,977	1,683	175,667	3,324	344,264	165,273	66					37
1,292,454	585,110	4,742,654	113,321	76,187	926,157	6,689,005	738,730	20,022,112	12,504,377	8,690	7,058	419	135	1,078	1,675
	1,488	22,352		1,188	1,711	165,308	6,545	322,341	150,488	174	125		30	19	7
130,504	56,984	547,478		8,202	61,983	737,614	45,798	1,801,697	1,018,285	1,079	645		43	391	378
3,632	360	63,371		1,315	394	41,769	8,384	148,900	98,747	29				29	9
21,645	21,645	132,604		6,047	25,401	199,172	14,649	576,724	362,903	273	120		43	110	220
56,994		351,513		840	36,188	496,673	22,765	1,076,073	556,635	777	525			252	158
69,878	34,979	10,690		2,840	115	28,250	815	59,140	30,075	5				5	12
100,280	20,619	580,684			214,335	1,393,656	39,407	2,902,057	1,468,994	2,400	2,375		19	25	60
112,906	18,980	175,779		851	34,610	555,982	9,423	1,053,828	488,423	530	495			16	14
		5,450		515	242	25,900	808	43,900		30				5	15
4,416	141	27,248		2,450	2,187	78,257	1,546	150,740	17,192					24	16
16,300	9,465	78,651	1,192	6,889	48,329	141,692	4,734	317,384	170,958	78				78	17
64,612	42,625	180,394	1,852	5,308	16,167	230,873	10,927	766,796	524,996	313	80			233	18
118,753	154,680	840,525	588,668	21,660	130,015	5,764,629	21,571	8,316,587	2,530,387	349	305			44	144
3,587,843	1,484,158	22,862,239	11,807,383	1,316,103	2,039,694	75,964,557	579,342	130,497,179	62,953,280	15,048	4,775	800	83	37	9,353
3,381,621	1,457,723	20,973,480	11,788,295	1,155,539	1,995,026	74,599,759	472,608	134,671,516	59,599,131	12,022	4,400	800	60	37	1,332
206,222	26,435	1,578,759	79,088	169,554	44,668	1,364,798	106,736	4,825,663	3,354,129	3,026	375		23	6,728	21
31,415	38,396	144,133		3,120	16,088	202,336	21,038	585,713	302,339	340	175		12	162	23
237,957	95,774	1,154,617	17,106	59,100	69,192	1,492,611	50,850	3,870,836	2,333,375	1,219	365		160	5	680
725	3,750	59,913		2,890	21,832	88,389	750	204,264	115,125	4				4	24
832,520	612,057	6,095,921	114,224	113,636	1,802,211	15,082,850	1,120,169	30,745,635	14,542,616	14,759	11,161	170	86	3,372	11,882
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[illegible]

³ Same number reported throughout the year.
⁴ Same number reported for one or more other months.

MANUFACTURES—NEW JERSEY.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

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

TRENTON—Continued.																	Dollars.	
1	Pottery.....	29	4,652	7	197	168	95	4,185	De	4,928	Mh	3,699	4,893	3,715	1,054	74	50	11,835,526
2	Printing and publishing, book and job.....	22	170	18	8	3	8	133	De	139	Fe	128	139	115	20	4	.....	448,522
3	Printing and publishing, newspapers and periodicals.....	9	251	10	7	35	15	184	(*)	184	(*)	184	184	171	12	1	.....	268,289
4	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	15	5,065	4	148	652	319	3,942	Mh	4,212	Jy	3,751	3,919	3,444	422	45	8	18,361,907
5	Sausage, not made in slaughtering and meat-packing establishments.....	3	8	3	.....	2	.....	3	Se ⁴	8	Ap ⁵	0	8	8	.....	.....	.....	24,960
6	Slaughtering and meat packing.....	6	39	8	2	5	1	23	(*)	23	(*)	23	25	25	.....	.....	.....	124,714
7	Tobacco, cigars.....	14	1,645	8	51	35	23	1,528	No	1,097	My	1,130	1,674	83	1,382	17	192	3,089,634
8	All other industries *.....	105	12,352	73	301	722	261	10,995	.....	.....	.....	.....	11,543	9,500	1,932	32	79	63,106,373

* All other industries embrace—	2	Bookbinding and blank-book making.....	2	Cars and general shop construction and repairs by electric-railroad companies.....	2	Crucibles, graphite.....	1
Agricultural implements.....	2	Boxes, set-up paper boxes and cartons.....	2	Cars and general shop construction and repairs by steam-railroad companies.....	1	Dyeing and finishing textiles, exclusive of that done in textile mills.....	1
Artificial stone products.....	1	Boxes, wooden packing, except cigar boxes.....	3	Chemicals.....	2	Electroplating.....	2
Asbestos products, not including steam packing.....	6	Brass and bronze products.....	3	China decorating, not including that done in potteries.....	5	Engraving and diesinking.....	3
Automobile bodies and parts.....	3	Brooms, from broom corn.....	1	Clothing, women's.....	2	Fancy articles, not elsewhere specified.....	1
Bags, other than paper, not including bags made in textile mills.....	1	Brushes.....	2	Coffee, roasting and grinding.....	2	Feathers and plumes.....	1
Belt and hose, rubber.....	1	Butter.....	1	Cordials and flavoring sirups.....	1	Fertilizers.....	1
Blacking, stains, and dressings.....	1	Carriages and wagons, repair work only.....	1	.....	.....	Flour-mill and gristmill products.....	2
Bluing.....	1	.....	.....	.....	.....	Fuel, briquetted.....	1
.....	.....	.....	.....	.....	.....	Furnishing goods, men's.....	1

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

1 ASBURY PARK.....	60	508	64	28	12	11	393	Jy	450	Ja	349	404	218	180	.....	.....	1,113,824
2 BELLEVILLE.....	48	2,296	32	142	167	99	1,856	Mh	1,996	Je	1,734	1,883	1,500	317	5	1	8,166,064
3 BLOOMFIELD.....	59	6,727	47	345	596	580	5,150	Mh	5,381	Je	4,982	5,316	3,544	1,727	23	22	23,962,713
4 BRIDGETON.....	87	2,705	73	112	98	93	2,329	Oc	2,626	Ap	2,119	6,008	2,150	3,834	24	.....	8,380,961
5 CLIFTON.....	40	3,721	33	111	243	81	3,253	De	3,622	Fe	2,525	3,023	2,125	1,317	93	88	19,022,568
6 ENGLEWOOD.....	20	310	26	14	4	10	256	No	302	Fe	218	305	195	110	.....	.....	741,536
7 GARFIELD.....	56	5,598	40	146	309	78	5,025	Se	6,184	Mh	1,477	6,379	3,028	3,092	113	146	30,917,717
8 GLOUCESTER.....	21	6,858	10	103	322	189	6,225	Ja	8,322	Se	4,602	6,023	4,862	1,015	67	79	49,726,229
9 HACKENSACK.....	45	844	33	38	45	30	698	De	809	Mh	625	806	456	321	7	22	2,126,787
10 HARRISON.....	63	17,172	48	535	2,329	1,234	13,026	Ap	13,498	Oc	12,707	12,883	10,965	1,883	30	5	69,529,633
11 IRVINGTON.....	89	2,460	46	213	157	88	1,956	De	2,329	Fe	1,723	2,375	2,167	196	5	7	11,745,836
12 KEARNY.....	49	10,847	25	877	746	339	14,860	Fe	17,190	De	12,820	12,944	12,545	329	41	29	54,894,152
13 LONG BRANCH.....	65	905	66	42	18	28	841	Au	984	Ja	622	882	398	475	5	4	3,126,264
14 MILLVILLE.....	44	4,331	42	94	225	113	3,857	Je	4,234	Fe	3,194	4,086	3,037	883	74	92	12,114,254
15 MONTCLAIR.....	34	358	33	19	7	18	281	Au	322	Fe	260	318	264	62	2	.....	1,288,724
16 MORRISTOWN.....	56	355	54	21	17	15	248	No	282	Ja	206	274	180	85	.....	.....	994,256
17 NEW BRUNSWICK.....	138	11,152	106	342	2,756	275	7,673	Fe	10,032	Jy	6,217	8,442	5,397	2,985	31	29	39,395,095
18 ORANGE.....	81	3,204	60	131	187	114	2,712	Ja	2,904	Ap	2,539	2,716	1,830	877	8	1	10,415,397
19 PERTH AMBOY.....	124	10,915	92	404	800	422	9,197	Au	9,630	Je	8,656	9,071	7,203	2,253	43	172	96,579,141
20 PHILLIPSBURG.....	53	6,372	38	159	533	239	5,403	Ja	5,995	Jy	4,666	5,553	4,338	1,135	21	59	20,499,486
21 PLAINFIELD.....	94	4,213	84	156	331	221	3,421	Ja	4,067	Ap	3,136	3,601	3,101	493	6	1	11,869,775
22 RAHWAY.....	36	2,084	28	114	103	142	1,697	De	1,988	My	1,499	2,016	1,451	504	15	46	6,621,689
23 UNION.....	116	1,802	111	85	53	47	1,506	No	1,586	Fe	1,321	1,599	1,111	744	12	32	8,740,071
24 WEST HOBOKEN.....	307	4,369	358	120	224	102	3,565	Se	3,740	Fe	3,179	3,813	1,484	2,279	19	31	9,506,650
25 WEST NEW YORK.....	192	3,616	200	174	165	69	3,208	Oc	3,411	Fe	2,928	3,405	1,379	1,980	7	39	10,218,967
26 ALL OTHER CITIES.....	47	7,515	37	124	649	371	6,334	My	6,917	Au	5,874	6,051	4,900	1,082	3	.....	18,502,474

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

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

MANUFACTURES—NEW JERSEY.

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COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
644,449	321,207	4,969,903	2,868	6,540	375,734	1,794,572	752,500	11,677,407	9,130,425	3,574	2,139	50	1,385	1,331	1		
51,740	13,060	166,301	9,907	9,185	3,835	192,554	5,645	579,645	381,446	134			134		2		
89,910	36,593	243,577	2,124	720	30,044	211,586	5,824	867,660	650,259	175				175	3		
529,649	992,519	4,420,475		2,282	1,232,171	17,042,361	542,515	30,392,955	12,808,079	11,156	5,995		100	5,061	1,725	4	
	1,333	5,843			40	85,437	610	101,742	15,695	20	20				5		
3,048	7,540	31,287		1,790	851	449,770	3,968	546,127	92,389	52				52	6		
150,670	132,434	954,054	35	6,461	642,867	2,347,814	8,287	5,070,656	2,714,555	142	120			22	7		
1,011,759	1,137,752	13,835,042	19,161	57,676	1,581,426	25,970,019	2,388,807	57,091,131	29,331,705	39,678	19,169	11,210	2,171	226	6,902	10,808	8

Gas, illuminating and heating.....	1	Jewelry.....	1	Paints.....	1	Structural ironwork, not made in	
Glass, cutting, staining, and orna-	1	Knit goods.....	1	Photo-engraving.....	1	steel works or rolling mills.....	3
menting.....	1	Liquors, malt.....	1	Pickles and sauces.....	1	Surgical appliances.....	1
Hardware, builders'.....	2	Looking-glass and picture frames.....	2	Plumbers' supplies, not elsewhere	1	Tobacco, smoking.....	1
Hats and caps, other than felt, straw,	1	Mattresses and spring beds, not else-	1	specified.....	1	Tools, not elsewhere specified.....	3
and wool.....	1	where specified.....	2	Printing materials.....	1	Watches.....	1
Ink, writing.....	1	Minerals and earths, ground or other-	2	Refrigerators.....	1	Wire.....	1
Iron and steel, steel works and rolling	1	wise treated.....	2	Roofing materials.....	1	Wood, turned and carved.....	1
mills.....	1	Mucilage, paste, and other adhesives,	1	Shirts.....	2	Woolen goods.....	1
Iron and steel, forgings, not made in	2	not elsewhere specified.....	1	Smelting and refining, not from the	2	Worsted goods.....	1
steel works or rolling mills.....		Musical instruments, pianos.....	1	ore.....			

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

43,494	28,509	386,542	28,197	10,415	650,455	35,246	1,565,289	879,588	839	140			609			
422,500	315,501	2,325,806	84,245	424,030	5,012,082	257,281	11,704,501	5,895,138	6,190	4,480			1,671	864	2	
1,146,240	1,412,088	5,076,915	32,105	437,474	12,402,025	477,267	25,245,436	12,306,144	10,197	3,746	1,758	600	4,013	1,689	3	
323,108	271,629	2,039,361	14,834	159,651	6,243,220	353,975	10,958,787	4,361,592	4,170	2,220	478	10	1,364	1,982	4	
624,143	555,546	3,459,329	37,442	994,178	19,050,487	385,184	20,430,811	9,995,140	7,622	5,195	306	152	1,969	1,119	5	
47,010	15,735	262,560	13,830	31,342	480,359	43,127	1,119,264	595,778	508	383			125		6	
858,860	520,493	5,313,138	34,839	12,606	2,979,811	527,372	40,233,553	19,724,104	11,884	5,645	3,725	1,728	786	6,384	7	
521,738	876,698	7,709,745	59,562	44,418	220,428	8,775,101	19,994,017	10,811,565	10,924	2,145	7,500	8	1,271	8,849	8	
106,892	102,210	730,699	99,423	12,304	18,112	2,054,032	3,707,795	1,589,043	1,361	1,075		15	271	300	9	
2,188,285	3,118,096	16,004,077	356,580	31,636	2,468,971	27,721,948	1,694,842	32,349,752	41,833	9,740	11,675	639	19,779	13,248	10	
839,388	390,256	2,578,221	87,619	73,833	197,998	6,441,124	266,366	5,467,842	4,496	1,145	100	1,048	2,203	523	11	
2,186,098	1,786,955	10,118,553	252,430	24,367	5,364,931	41,368,721	1,341,216	38,132,137	26,074	8,506	3,300	55	14,078	7,549	12	
107,749	33,870	740,276	1,842	22,427	54,671	1,149,243	180,794	1,682,687	1,413	198	595	142	478	50	13	
402,214	539,056	3,822,002	809	4,845	457,826	3,924,073	543,780	5,948,509	5,501	2,132	2,396	144	400	3,247	14	
55,233	22,127	317,089	3,815	14,812	7,284	1,389,830	43,311	849,272	932	725		68	139	780	15	
43,039	35,081	251,677	4,220	21,658	7,769	733,900	33,196	585,056	778	460		50	268		16	
1,382,012	2,539,232	8,235,035	20,470	45,285	1,383,534	17,583,033	597,495	42,624,947	17,706	7,068	2,550	236	7,852	5,246	17	
552,808	427,734	2,618,122	77,952	34,787	435,094	5,104,750	201,104	7,786,212	3,214	1,610		245	1,359	128	18	
1,493,848	1,431,547	10,311,837	78,310	85,604	2,639,530	196,582,144	2,725,039	31,351,030	53,626	35,265	11,633	1,550	5,178	18,275	19	
562,863	1,108,710	5,393,070	53,311	7,062	1,703,500	13,360,787	655,997	29,407,070	12,374	6,987	3,325	27	2,013	9,899	20	
478,701	820,316	3,627,794	23,019	43,744	1,036,019	9,554,485	267,698	17,540,331	6,415	2,000	2,850	133	1,432	3,985	21	
455,138	211,357	1,397,342	3,996	11,689	195,501	7,400,843	179,764	11,747,584	2,822	1,120			1,702	213	22	
262,271	195,485	1,488,483	579,007	55,713	772,597	3,405,016	178,181	8,165,484	3,642	3,043		66	533	647	23	
382,439	208,179	3,481,972	1,070,926	139,411	420,005	7,649,423	199,726	16,652,844	3,151	1,413		11	1,727	230	24	
548,226	396,142	3,294,637	772,506	138,380	104,268	19,874,165	210,111	28,377,866	3,806	1,928	500	118	1,262	558	25	
509,206	1,361,657	8,462,847	1,525	32,767	765,767	10,860,322	867,033	27,844,036	16,116,681	10,304	3,730		6,571	3	26	

¹ Same number reported throughout the year.

⁴ Same number reported for one or more other months.

⁵ None reported for one or more other months.

⁶ All other cities comprise Roosevelt, Summit, and West Orange.

NEW MEXICO.

GENERAL STATISTICS.

General character of the state.—New Mexico has a gross area of 122,634 square miles, of which 122,503 represent land surface. The inhabitants of the state in 1900 numbered 195,310; in 1910, 327,301; and in 1920, 360,350. In total population New Mexico ranked forty-third among the states in 1920, and in density of population forty-fifth. The number of inhabitants per square mile in 1910 was 2.7, the corresponding figure for 1920 being 2.9.

Albuquerque was the only city in the state in 1920 having more than 10,000 inhabitants. This city, with a population of 15,157, formed 4.2 per cent of the total population for New Mexico and reported 19.3 per cent of the value of the state's manufactured products for 1919.

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

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for other censuses with those for 1919. Statistics in this table, however, show that two counties, Bernalillo and Colfax, reported 35.1 per cent of the total number of wage earners and 37.9 per cent of the total value of products for the state in 1919.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their real importance from a manufacturing standpoint. The ranking might change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 20.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table

are those which employed 65 or more wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for Albuquerque (Table 6).—This table shows the growth of manufactures in Albuquerque between the censuses 1909 and 1919 and the small proportion the "females" and "under 16 years of age" wage earners formed of the total at each industrial census, 1919, 1914, and 1909.

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

Wage earners, by months, for selected industries and for Albuquerque (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined and for the city of Albuquerque. There was no important industry in the state in 1919 where the number of female wage earners predominated.

Prevailing hours of labor (Table 9).—The figures presented in this table show a decided shortening of the hours of labor since the census of 1914. In that year 9.7 per cent of the wage earners were included in the group "48 and under," as against 19.8 per cent in 1919. On the other hand, in 1914 the "60" and "over 60" groups constituted 68.5 per cent of the total wage earners, as compared with 17.8 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 79.3 per cent were in the classes having less than six wage earners, while such establishments employed but 10.3 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—In order to avoid the possibility of disclosing the operations of individual establishments it was found necessary to omit the separate showing of groups of over \$500,000 and combine them as a whole in one class, "\$500,000 and over."

Size of establishments, by value of products, for Albuquerque (Table 12).—This table very strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 13).—It will be noted

that while the number of establishments under corporate ownership gained only 9.8 per cent in 1919 over 1914, this group shows an increase of 60.5 per cent in number of wage earners and 103.3 per cent in value of products during the five-year period.

Number and horsepower of types of prime movers (Table 14).—Although both the owned and rented power increased from 1914 to 1919, the proportionate

increase in rented power was the greater, being 157 per cent, as compared with 24.5 per cent for owned power.

Fuel consumed (Table 15).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE. ¹			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	387	368	313	190	174	5.2	17.6	57.3	14.4
Persons engaged.....	6,646	4,594	4,766	3,891	(²)	44.7	-3.6	22.5	.....
Proprietors and firm members.....	330	325	288	180	(²)	3.4	12.8	52.4	.....
Salaries.....	574	493	335	224	88	18.4	47.2	49.0	.....
Wage earners (average number).....	5,736	3,770	4,143	3,478	2,490	51.9	-8.9	10.1	39.7
Primary horsepower.....	17,260	12,468	15,465	5,948	3,658	38.4	-19.4	100.0	62.6
Capital.....	\$15,220,253	\$8,983,679	\$7,742,617	\$4,638,248	\$2,160,718	69.5	16.0	66.9	114.7
Salaries and wages.....	7,685,803	3,272,601	2,974,635	2,416,882	1,290,188	134.8	10.0	23.1	87.3
Salaries.....	1,027,841	577,243	383,256	263,814	90,692	78.0	50.0	45.3	190.9
Wages.....	6,658,462	2,695,448	2,591,379	2,153,068	1,199,496	147.0	4.0	20.4	79.5
Paid for contract work.....	385,810	285,838	125,405	62,965	(²)	35.0	127.9	99.2	.....
Rent and taxes.....	283,039	137,098	92,898	60,705	(²)	100.4	47.6	.....	.....
Cost of materials.....	7,727,483	4,430,134	3,201,043	2,235,934	1,998,593	74.4	35.9	45.8	11.9
Value of products.....	17,856,602	9,320,067	7,597,756	5,705,860	4,660,924	61.6	18.0	38.4	40.5
Value added by manufacture ⁴	10,129,119	4,889,933	4,636,713	3,469,946	2,062,331	107.1	5.5	33.6	68.3

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

² Figures not available.

³ Exclusive of internal revenue.

⁴ Value of products less cost of materials.

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

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state.....	387	5,736	\$6,658,462	\$283,039	\$7,727,483	\$17,856,602	\$10,129,119	17,260
Bernalillo.....	57	1,378	1,445,461	45,602	1,580,897	3,660,750	2,079,853	1,918
Chaves.....	31	185	178,513	20,432	815,204	1,232,667	417,453	1,210
Colfax.....	19	637	931,180	63,444	1,487,305	3,107,592	1,620,287	1,738
Curry.....	12	430	630,727	17,197	688,415	1,466,111	777,696	1,032
De Baca.....	8	10	12,654	1,237	15,048	41,324	26,276	41
Dona Ana.....	12	82	64,086	7,279	190,485	351,567	155,082	868
Eddy.....	20	74	88,638	6,455	90,712	245,681	154,969	447
Grant ¹	19	105	140,460	10,571	192,891	428,210	235,310	666
Guadalupe.....	5	57	88,116	1,679	5,930	106,390	100,400	122
Hidalgo.....								
Lea and Roosevelt ²	12	19	22,764	2,942	22,528	59,698	37,170	65
Lincoln.....	8	130	185,040	4,668	44,210	253,445	209,235	468
Luna.....	12	122	153,941	3,913	222,551	437,724	215,173	188
McKinley.....	20	482	490,708	18,714	493,216	1,090,440	597,230	2,036
Mora.....	12	18	15,749	749	82,093	141,853	59,700	290
Otero.....	9	90	93,206	1,724	32,304	154,156	121,852	270
Quay.....	14	197	306,336	5,647	152,293	514,734	302,441	262
Rio Arriba.....	10	714	606,224	14,553	444,246	1,480,262	1,042,016	1,827
San Juan.....	7	8	8,120	778	18,928	35,730	16,802	302
San Miguel.....	20	397	485,177	11,831	437,654	1,223,875	780,221	646
Sandoval.....	7	35	27,358	395	70,275	111,015	40,740	242
Santa Fe.....	14	75	94,060	6,119	91,771	236,205	144,624	380
Sierra.....	3	1	630	370	11,455	16,910	5,455	35
Socorro.....	19	113	144,659	5,291	100,313	300,260	199,053	448
Taos.....	9	62	60,792	4,742	111,692	289,908	178,216	304
Torrance.....	8	27	26,098	957	28,184	71,492	43,308	221
Union.....	10	24	29,149	3,184	28,295	82,182	53,887	73
Valencia.....	10	204	357,919	22,470	202,588	650,329	447,741	1,214

¹ Statistics for Hidalgo included in Grant, of which county Hidalgo recently formed a part.

² Statistics for Lea and Roosevelt Counties combined to avoid disclosure of individual operations.

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries.....	357	5,736	100.0	\$17,857	100.0	\$10,129	100.0	Automobile repairing.....	51	147	2.6	\$495	2.8	\$322	3.2
Cars and general shop construction and repairs by steam-railroad companies.....	15	2,993	52.2	7,085	39.7	4,505	44.5	Ice, manufactured.....	13	115	2.0	468	2.6	277	2.7
Lumber and timber products.....	47	1,240	21.6	2,778	15.6	2,125	21.0	Foundry and machine-shop products.....	4	53	0.9	202	1.1	131	1.3
Flour-mill and gristmill products.....	30	66	1.2	1,324	7.4	232	2.3	Confectionery, ice cream.....	12	26	0.5	199	1.1	70	0.8
Printing and publishing, newspapers and periodicals.....	80	257	4.5	804	4.5	593	5.8	Lumber, planing-mill products, not including planing mills connected with sawmills.....	9	46	0.8	193	1.1	88	0.9
Bread and other bakery products.....	40	116	2.0	788	4.4	297	2.9	Mineral and carbonated waters.....	20	44	0.8	156	0.9	89	0.9
								All other industries ¹	66	633	11.0	3,305	18.8	1,394	13.8

¹ Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are a number having products in excess of some for which figures are shown in the table. Of these industries the most important are the following: "Coke, not including gas-house coke," and "food preparations, for animal and fowl consumption."

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

CLASS.	Cen- sus year.	Total.	Male.	Fe- male.	PER CENT OF TOTAL.		CLASS.	Cen- sus year.	Total.	Male.	Fe- male.	PER CENT OF TOTAL.	
					Male.	Fe- male.						Male.	Fe- male.
All classes.....	1919	6,646	6,435	211	96.8	3.2	Clerks and other subordinate salaried employees.	1919	275	202	73	73.5	26.5
	1914	4,594	4,481	113	97.5	2.5		1914	249	211	38	84.7	15.3
	1909	4,766	4,659	107	97.8	2.2		1909	177	161	16	91.0	9.0
Proprietors and officials.....	1919	635	617	18	97.2	2.8	Wage earners (average number).....	1919	5,736	5,616	120	97.9	2.1
	1914	569	551	18	96.8	3.2		1914	3,776	3,719	57	98.5	1.5
	1909	446	440	6	98.7	1.3		1909	4,143	4,058	85	97.9	2.1
Proprietors and firm members.....	1919	336	320	16	95.2	4.8	16 years of age and over.....	1919	5,690	5,571	119	97.9	2.1
	1914	325	308	17	94.8	5.2		1914	3,753	3,696	57	98.5	1.5
	1909	288	282	6	97.9	2.1		1909	4,077	3,995	82	98.0	2.0
Salaried officers of corporations...	1919	59	58	1	98.3	1.7	Under 16 years of age.....	1919	46	45	1	97.8	2.2
	1914	47	47	.....	100.0	.....		1914	23	23	.....	100.0	.....
	1909	41	41	.....	100.0	.....		1909	66	63	3	95.5	4.5
Superintendents and managers...	1919	240	239	1	99.6	0.4							
	1914	197	196	1	99.5	0.5							
	1909	117	117	.....	100.0	.....						

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

INDUSTRY.	Cen- sus year.	Wage car- ners (aver- age num- ber).	PER CENT OF TOTAL.			INDUSTRY.	Cen- sus year.	Wage car- ners (aver- age num- ber).	PER CENT OF TOTAL.		
			16 years of age and over.		Un- der 16 years of age.				16 years of age and over.		Un- der 16 years of age.
			Male.	Fe- male.					Male.	Fe- male.	
All industries.....	1919 1914 1909	5,736 3,776 4,143	97.1 97.9 96.4	2.1 1.5 2.0	0.8 0.6 1.6	Ice, manufactured.....	1910 1914	115 76	99.1 100.0	0.9.....	.....
Automobile repairing ¹	1919	147	100.0	.....	.....	Lumber and timber products.....	1910 1914	1,240 573	99.8 100.0	.....	0.2
Bread and other bakery products.....	1919 1914	116 89	82.8 83.8	10.3 6.7	6.9 4.5	Printing and publishing, newspapers and periodicals.	1910 1914	257 243	73.6 80.2	8.9 13.6	12.5 6.2
Cars and general shop construction and re- pairs by steam-railroad companies.	1919 1914	2,993 1,922	99.8 100.0	0.2 .....	.....	All other industries.....	1910 1914	802 844	90.1 97.4	9.5 2.1	0.4 0.5
Flour-mill and gristmill products.....	1919 1914	66 29	100.0 100.0	.....	.....				

¹ Not shown separately in 1914.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR ALBUQUERQUE: 1919, 1914, AND 1909.

	1919	1914	1909
Wage earners (average number).....	1,263	847	587
16 years of age and over.....	1,252	845	681
Males.....	1,222	826	576
Females.....	30	19	5
Under 16 years of age.....	31	2	6
Value of products.....	\$3,449,543	\$1,914,384	\$1,228,349

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

MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.			MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January.....	<i>4,002</i>	3,621	3,666	79.8	89.8	79.9	July.....	6,148	4,032	4,389	98.3	100.0	95.6
February.....	5,164	3,623	<i>3,610</i>	82.6	89.9	78.8	August.....	6,253	3,927	4,532	100.0	97.4	98.7
March.....	5,337	<i>5,605</i>	3,775	85.4	89.4	82.2	September.....	6,170	3,846	4,591	98.7	95.4	100.0
April.....	5,181	3,804	3,965	82.9	94.3	86.4	October.....	6,025	3,816	4,346	96.4	94.6	94.7
May.....	5,620	3,926	4,103	90.0	97.4	89.4	November.....	6,019	3,606	4,320	96.3	89.4	94.1
June.....	5,909	3,892	4,142	94.5	96.5	90.2	December.....	6,005	3,614	4,273	96.0	89.6	93.1

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

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR ALBUQUERQUE: 1919.

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries.....	5,736	<i>4,002</i>	5,164	5,337	5,181	5,620	5,909	6,148	6,253	6,170	6,025	6,019	6,005	79.8
Males.....	5,616	<i>4,931</i>	5,101	5,276	5,125	5,506	5,736	5,965	6,021	5,957	5,877	5,957	5,940	81.9
Females.....	120	61	63	61	66	123	173	183	232	213	148	62	65	24.1
Automobile repairing.....	147	<i>136</i>	140	142	138	139	146	148	146	146	156	166	161	81.9
Bread and other bakery products.....	116	116	116	116	<i>115</i>	116	116	116	116	116	116	116	117	98.3
Cars and general shop construction and repairs by steam-railroad companies.....	2,993	<i>2,847</i>	2,851	2,971	2,926	3,024	2,973	3,006	3,020	3,045	3,016	3,127	3,110	91.0
Flour-mill and gristmill products.....	60	53	52	52	55	54	55	67	81	82	80	80	81	63.4
Ice, manufactured.....	115	<i>57</i>	62	80	103	125	137	176	178	164	136	90	72	32.0
Lumber and timber products.....	1,240	<i>907</i>	1,110	1,144	994	1,171	1,314	1,377	1,371	1,312	1,346	1,441	1,303	62.9
Printing and publishing, newspapers and periodicals.....	257	<i>248</i>	262	260	254	250	251	257	261	257	259	261	264	93.9
All other industries.....	802	628	571	572	596	750	917	1,001	1,080	1,043	916	738	807	52.9
ALBUQUERQUE.....	1,263	<i>1,226</i>	1,254	1,275	1,259	1,287	1,320	1,337	1,320	1,304	1,277	1,292	1,236	91.7
Males.....	1,253	<i>1,195</i>	1,220	1,244	1,233	1,260	1,292	1,306	1,298	1,273	1,247	1,263	1,205	91.5
Females.....	30	31	34	31	26	27	28	31	31	31	30	29	31	76.5

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries.....	1919	5,736	308	—	740	269	481	2,828	929	91
	1914	3,776	(²)	(²)	307	8	247	568	1,317	1,269
	1909	4,143	(²)	(²)	350	294	230	90	3,074	99
Automobile repairing.....	1919	147	—	—	29	—	103	—	10	5
Bread and other bakery products.....	1919	116	5	—	54	4	11	10	24	8
	1914	89	(²)	(²)	10	1	12	5	48	13
Cars and general shop construction and repairs by steam-railroad companies.....	1919	2,993	—	—	114	265	—	2,614	239	1,171
	1914	1,922	—	—	—	—	35	477	—	—
Flour-mill and gristmill products.....	1919	60	—	—	12	—	6	—	38	10
	1914	29	—	—	—	—	4	—	20	5
Ice, manufactured.....	1919	115	—	—	58	—	—	8	8	41
	1914	76	—	—	—	—	—	2	3	71
Lumber and timber products.....	1919	1,240	370	—	10	—	35	178	647	—
	1914	573	(²)	(²)	61	—	66	2	444	—
Printing and publishing, newspapers and periodicals.....	1919	257	1	—	250	—	6	—	—	—
	1914	243	(²)	(²)	163	1	41	29	9	—
All other industries.....	1919	802	22	—	213	—	320	18	202	27
	1914	844	(²)	(²)	133	6	89	53	554	9
ALBUQUERQUE.....	1919	1,263	17	—	178	—	77	976	23	12
	1914	847	(²)	(²)	91	1	34	526	49	146

¹ Includes 48 and under for 1914 and 1909.

² Corresponding figures not available.

³ Not shown separately in 1914.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR ALBUQUERQUE: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—															
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	
All industries.....	387	5,736	35	272	592	47	457	12	435	8	531	9	1,673	3	1,048	1	970	
Automobile repairing.....	51	147	.....	45	102	6	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bread and other bakery products.....	40	116	2	34	86	4	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	15	2,993	.....	.....	.....	3	31	.....	.....	4	261	5	939	2	742	1	970
Flour-mill and gristmill products.....	30	66	2	28	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice, manufactured.....	13	115	.....	6	19	6	68	1	28	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and timber products.....	47	1,240	.....	30	60	7	76	5	180	1	75	3	543	1	306	.....	.....
Printing and publishing, newspapers and periodicals.....	80	257	19	54	112	5	59	2	86	.....	.....	.....	.....	.....	.....	.....	.....
All other industries.....	111	802	12	75	147	16	178	4	141	3	195	1	141	.....	.....	.....	.....
ALBUQUERQUE.....	52	1,283	4	35	74	7	60	5	179	.....	.....	.....	.....	.....	.....	1	970

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes.....	387	368	313	5,736	3,776	4,143	\$17,856,602	\$9,320,067	\$7,897,756	\$10,120,119	\$4,889,933	\$4,636,713
Less than \$5,000.....	116	179	143	112	225	221	297,543	398,269	329,169	207,811	290,874	243,159
\$5,000 to \$20,000.....	160	120	114	474	402	562	1,787,911	1,168,716	1,088,650	1,035,948	682,364	689,587
\$20,000 to \$100,000.....	67	47	43	695	617	778	2,608,702	1,859,568	1,906,506	1,311,071	913,394	1,062,426
\$100,000 to \$500,000.....	28	.....	.....	2,097	.....	.....	5,921,624	.....	.....	3,527,497	.....	.....
\$500,000 and over.....	7	22	13	2,358	2,442	2,582	7,240,822	5,893,514	4,483,431	4,046,792	3,003,301	2,641,541

PER CENT DISTRIBUTION.

All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	30.0	48.6	45.7	2.0	6.0	5.3	1.7	4.3	4.2	2.1	5.9	5.2
\$5,000 to \$20,000.....	43.7	32.6	36.4	8.3	13.0	13.6	10.0	12.5	13.8	10.2	14.0	14.9
\$20,000 to \$100,000.....	17.3	12.8	13.7	12.1	16.3	18.8	14.6	20.0	25.3	12.0	18.7	22.9
\$100,000 to \$500,000.....	7.2	.....	.....	36.6	.....	.....	33.2	.....	.....	34.8	.....	.....
\$500,000 and over.....	1.8	6.0	4.2	41.1	64.7	62.3	40.5	63.2	56.8	40.0	61.4	57.0

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR ALBUQUERQUE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ALBUQUERQUE.....	52	1,283	100.0	\$3,449,543	100.0	\$2,022,455	100.0
Less than \$5,000.....	9	5	0.4	22,754	0.7	15,184	0.8
\$5,000 to \$20,000.....	28	70	5.5	291,340	8.4	180,791	8.9
\$20,000 to \$100,000.....	10	84	6.5	467,135	13.5	219,034	10.8
\$100,000 and over.....	5	1,124	87.6	2,668,314	77.4	1,607,446	79.5

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TABLE 13.—CHARACTER OF OWNERSHIP: 1919, 1914, AND 1909.

CHARACTER OF OWNERSHIP AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	WAGE EARNERS.		VALUE OF PRODUCTS.	
			Average number.	Per cent of total.	Amount.	Per cent of total.
All classes.....	1919	387	5,736	100.0	\$17,856,602	100.0
	1914	368	3,776	100.0	9,320,067	100.0
	1909	313	4,143	100.0	7,897,756	100.0
Individuals.....	1919	181	392	6.8	2,091,542	11.7
	1914	196	415	11.0	1,380,833	14.8
	1909	158	499	12.0	1,177,829	14.9
Corporations.....	1919	135	5,158	89.9	15,001,235	84.0
	1914	123	3,213	85.1	7,380,655	79.2
	1909	95	3,374	81.4	6,243,702	79.1
All others.....	1919	71	186	3.2	763,825	4.3
	1914	49	148	3.9	558,579	6.0
	1909	60	270	6.5	476,165	6.0
ALBUQUERQUE.....	1919	52	1,283	100.0	3,449,543	100.0
	1914	55	847	100.0	1,914,384	100.0
Individuals.....	1919	26	59	4.6	341,383	9.9
	1914	26	51	6.0	190,626	10.0
Corporations.....	1919	17	1,199	93.5	3,002,903	87.1
	1914	17	753	88.9	1,607,564	84.0
All others.....	1919	9	25	1.9	105,257	3.1
	1914	12	43	5.1	116,194	6.1

TABLE 14.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total.....	727	452	348	17,260	12,468	15,465	100.0	100.0	100.0
Owned.....	215	203	206	13,806	11,159	12,220	80.5	89.5	79.0
Steam.....	136	148	150	12,595	10,361	11,781	73.0	83.1	76.2
Engines.....	129	(1)	(1)	11,187	(1)	(1)	64.8		
Turbines.....	7	(1)	(1)	1,408	(1)	(1)	8.2		
Internal-combustion engines.....	75	52	43	920	775	365	5.3	6.2	2.4
Water.....	4	3	4	381	23	74	2.2	0.2	0.5
Water wheels and turbines.....	4	1	4	381	16	74	2.2	0.1	0.5
Water motors.....		2			7			(2)	
Rented—Electric.....	512	249	142	3,364	1,309	3,245	19.5	10.5	21.0
Electric.....	610	327	212	5,178	2,617	4,586	100.0	100.0	100.0
Rented.....	512	249	142	3,364	1,309	3,245	65.0	50.0	70.8
Generated by establishments reporting.....	98	78	70	1,814	1,308	1,341	35.0	50.0	29.2

¹ Not reported separately.² Less than one-tenth of 1 per cent.

TABLE 15.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR ALBUQUERQUE: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).	
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).					
All industries.....	1919.....	589	572,527	831	86,874	693	1,056
Per cent of increase ²	1914.....	422	774,409	2,355	30,802	(1)	1,382
		30.6	-26.1	-64.7	184.3	(1)	-23.6
Automobile repairing.....		13	339	1	8	121	107
Bread and other bakery products.....		32	486	114	505	87	
Brick.....			3,581	75	12,124	2	
Cars and general shop construction and repairs by steam-railroad companies.....		26	53,841	273	67,111	34	
Coke, not including gas-house coke.....			477,614				
Flour-mill and gristmill products.....		2	2,155		1,406	116	
Gas, illuminating and heating.....			4,111		2,115		
Ice, manufactured.....		409	16,460		1,482		
Lumber and timber products.....			6,377			6	
Wall plaster and composition flooring.....			2,342		2,104		
All other industries.....		107	5,221	368	19	327	949
ALBUQUERQUE.....		54	22,266	499	4,251	60	626

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

SPECIAL STATISTICS.

Laundries (Table 16).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 16, however, summarizes the statistics for such laundries in the state for 1919 and 1914.

TABLE 16.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1914-1919.
	1919	1914	
Number of establishments.....	16	15	.....
Persons engaged.....	326	274	19.0
Proprietors and firm members.....	15	14	.....
Salaried employees.....	19	20	.....
Wage earners (average number).....	202	240	21.7
Primary horsepower.....	345	396	-12.9
Capital.....	\$332,123	\$205,065	62.0
Salaries and wages.....	197,616	134,176	47.3
Salaries.....	26,110	29,444	-11.3
Wages.....	171,506	104,732	63.8
Paid for contract work.....	2,850	200	1,325.0
Rent and taxes.....	11,922	8,380	42.3
Cost of materials.....	105,609	49,719	112.4
Amount received for work done.....	432,279	280,373	54.2

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

Dyeing and cleaning (Table 17).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 17.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	4
Persons engaged.....	17
Proprietors and firm members.....	5
Wage earners (average number).....	12
Primary horsepower.....	18
Capital.....	\$16,306
Wages.....	14,760
Paid for contract work.....	120
Rent and taxes.....	3,408
Cost of materials.....	5,452
Amount received for work done.....	29,873

Custom flour mills and gristmills (Table 18).—A summary of the more important data for custom flour mills and gristmills is presented in this table. Statistics for these mills are not included in the general tables nor in the totals for manufacturing industries.

TABLE 18.—CUSTOM FLOUR MILLS AND GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	10	19	.....
Persons engaged.....	17	37	.....
Proprietors and firm members.....	11	29	.....
Wage earners (average number).....	6	8	.....
Primary horsepower.....	204	1,255	-83.7
Capital.....	\$59,700	\$118,509	-49.6
Wages.....	5,052	3,896	45.1
Rent and taxes.....	443	.....	.....
Cost of materials.....	² 62,565	² 113,179	-44.7
Value of products.....	² 80,621	² 141,653	-43.1

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

² Includes estimate of all grain ground.

GENERAL TABLES.

Table 19 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for Albuquerque, similar data for all industries combined, 1919, 1914, and 1909. Certain

kindred industries are combined in some instances for comparison with 1909.

Table 20 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations, and for Albuquerque for all industries combined.

TABLE 19.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR ALBUQUERQUE: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
All industries.....	1919	387	5,736	17,260	\$6,658	\$7,727	\$17,857
	1914	368	3,776	12,468	2,695	4,430	9,320
	1909	313	4,143	15,465	2,501	3,261	7,898
Bread and other bakery products.	1919	40	116	94	123	491	788
	1914	45	89	48	59	242	412
	1909	32	54	26	43	154	272
Cars and general shop construction and repairs by steam-railroad companies.	1919	15	2,093	3,905	3,900	2,580	7,085
	1914	15	1,922	2,276	1,536	1,382	3,139
	1909	11	1,489	3,059	1,138	963	2,251
Confectionery and ice cream.....	1919	12	26	45	26	123	199
	1914	14	26	35	15	53	133
Copper, tin, and sheet-iron work	1919	9	13	5	21	32	68
	1914	10	19	12	11	22	50
Flour-mill and gristmill products	1919	30	66	1,631	65	1,092	1,324
	1914	17	29	761	16	337	425
	1909	16	28	532	17	354	462
Ice, manufactured.....	1919	13	115	2,259	124	191	468
	1914	15	70	2,115	48	52	232
	1909	10	50	1,373	33	42	144
Lumber and timber products ¹	1919	50	1,286	4,413	\$1,167	\$758	\$2,971
	1914	60	642	3,109	379	491	1,643
	1909	76	1,475	4,885	714	578	2,162
Mineral and carbonated waters.	1919	20	44	167	36	67	156
	1914	17	23	26	14	20	73
	1909	14	14	(²)	6	13	32
Printing and publishing.....	1919	87	287	304	289	241	901
	1914	107	258	252	183	94	578
	1909	93	283	1,230	174	121	589
Saddlery and harness.....	1919	4	18	8	22	49	91
	1914	8	14	4	14	24	50
All other industries.....	1919	101	772	4,429	795	2,103	3,806
	1914	60	673	3,830	420	1,713	2,585
	1909	61	750	4,355	466	1,036	1,986
CITY.							
ALBUQUERQUE.....	1919	52	1,283	1,744	1,425	1,427	3,450
	1914	55	847	1,871	654	894	1,914
	1909	31	587	1,626	489	584	1,288

¹ Includes "lumber, planing-mill products, not including planing mills connected with sawmills."

² Figures not available.

MANUFACTURES—NEW MEXICO.

TABLE 20.—DETAILED STATEMENT OF ALL INDUSTRIES

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

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

																Dollars.
																15, 228, 253
1	All industries.....	387	6,646	336	299	202	73	5,736	Au 6,253	Ja 4,992	(³)	(³)	(³)	(³)	(³)	
2	Automobile repairing.....	51	212	56	3	6	147	No 166	Ja 136	161	161	12	7	1		322,988
3	Bread and other bakery products.....	40	170	42	1	3	116	De 117	Ap 115	119	99	35	50			205,184
4	Canning and preserving, vegetables.....	3	19	4			15	Se 83	Ja 0	85	35					30,716
5	Carriages and wagons, repair work only.....	4	12	5		1	6	(⁶)	(⁶)	6	6					14,925
6	Cars and general shop construction and repairs by steam-railroad companies.....	15	3,219	115	95	16	2,993	No 3,127	Ja 2,847	3,109	3,103	6				3,646,746
7	Confectionery, ice cream.....	12	41	10	3	1	26	Jy 30	Ja 24	27	22	4	1			61,725
8	Copper, tin, and sheet-iron work.....	9	22	9			13	Je 15	Pe 12	11	11					34,717
9	Flour-mill and gristmill products.....	30	119	27	18	5	66	Se 82	Pe 52	82	82					1,023,473
10	Foundry and machine-shop products.....	4	59	3	2	1	53	My 61	Jy 47	55	55					93,231
11	Ice, manufactured.....	13	137	2	12	4	115	Au 178	Ja 57	132	131	1				621,056
12	Lime.....	4	17	1	2	1	13	No 26	Mh 6	24	24					44,392
13	Lumber and timber products.....	47	1,367	40	44	40	1,210	No 1,441	Ja 907	1,742	1,729	9	4			2,737,337
14	Lumber, planing-mill products, not including planing mills connected with sawmills.....	9	59	7	4		46	De 56	Ja 37	56	56					141,980
15	Mineral and carbonated waters.....	20	70	18	6	1	44	Au 64	Ja 25	56	52	1	3			178,930
16	Printing and publishing, job printing.....	7	43	7	4	1	30	Se 35	Ap 27	29	19	10				73,679
17	Printing and publishing, newspapers and periodicals.....	80	400	76	34	14	257			264	206	26	32			812,236
18	Printing, publishing, and job printing.....	74	344	69	31	13	213	De 220	Ja 204	220	179	22	19			717,430
19	All other.....	6	56	7	3	1	41	(⁶) 44	(⁶) 44	44	27	4	13			94,806
20	Saddlery and harness.....	4	24	4	1	1	18	De 22	Pe 15	21	21					44,266
21	Tobacco, cigars.....	3	9	4			5	(⁶) 5	(⁶) 5	5	4	1				2,634
22	All other industries*.....	32	647	25	46	28	532									5,136,038

* All other industries embrace—

Automobile bodies and parts..... 1

Awnings, tents, and sails..... 1

Brick..... 6

Brooms, from broom corn..... 1

Butter..... 1

Charcoal, not including production in the lumber and wood distillation industries..... 1

Cleansing and polishing preparations..... 1

Coke, not including gas-house coke..... 2

Fertilizers..... 1

Food preparations, for animal and fowl consumption..... 2

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

1	ALBUQUERQUE.....	52	1,452	44	51	56	18	1,283	Jy 1,337	Ja 1,226	1,237	1,176	31	30		2,418,440
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¹ Includes water wheels and turbines (irrespective of ownership of water supply).² Electric motors operated by rented (or purchased) current.³ No figures given for reasons stated under "Explanation of terms."