

DEPARTMENT OF COMMERCE AND LABOR  
BUREAU OF THE CENSUS

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THIRTEENTH CENSUS OF THE UNITED STATES  
TAKEN IN THE YEAR 1910

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# STATISTICS FOR NEW JERSEY

CONTAINING STATISTICS OF POPULATION,  
AGRICULTURE, MANUFACTURES, AND  
MINING FOR THE STATE, COUNTIES,  
CITIES, AND OTHER DIVISIONS

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REPRINT OF THE SUPPLEMENT FOR NEW JERSEY PUBLISHED IN CONNECTION WITH THE  
ABSTRACT OF THE CENSUS



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## THIRTEENTH CENSUS PUBLICATIONS.

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The results of the Thirteenth Decennial Census will be published in two forms: A comprehensive report in 12 volumes, and a condensed report, the Abstract of the Thirteenth Census, which is being issued with Supplements for the different states.

The material contained in the Supplements embraces for each state all of the census results published concerning the state, its counties, cities, and other civil divisions, except as to occupations. This material is bound up in one volume with the Abstract of the Thirteenth Decennial Census. The result is a series of editions of the Abstract each with a different State Supplement, with the purpose of furnishing those who receive the Abstract with the statistics of the state in which they reside.

The material contained in the various State Supplements will also be printed by subjects in the final reports. The chapters relating to Population for all of the states will be assembled in two volumes of the final report on Population; those relating to Agriculture, in two volumes of the final report on that subject; those relating to Manufactures, in one volume of the final report on Manufactures; and those relating to Mining, in the final report on Mining.

The present pamphlet is a reprint of the State Supplement. It contains no material which is not available in the bound volume of the Abstract for the state to which it refers, or in the complete final report of the Thirteenth Census, and has been issued in a very limited edition for special purposes.

# SUPPLEMENT FOR NEW JERSEY



POPULATION  
AGRICULTURE  
MANUFACTURES  
MINES AND QUARRIES

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# CHAPTER 1.

## NUMBER OF INHABITANTS.

**Introduction.**—This chapter gives the population of New Jersey, by counties and minor civil divisions, as enumerated at the Thirteenth Census, taken as of April 15, 1910, with comparative statements of population where possible, and a statement and discussion for the state as a whole of the population living in urban and in rural territory. The statistics are given in detail in two general tables.

Table 1 (p. 574) shows the population of New Jersey, distributed according to counties and minor civil divisions, at the last three censuses, namely, those of 1910, 1900, and 1890. The arrangement of counties and of the primary divisions in each county is alphabetical. The figures for the one secondary division are printed in italics. The changes in boundaries, name, or form of organization that have taken place since 1900 are indicated in the footnotes to the table. For changes between 1890 and 1900 reference must be made to the census report of 1900.

It may be noticed that the county totals as given in Table 1 for 1900 and 1890 sometimes exceed the aggregate population of the minor civil divisions as shown in the table. This is due to the fact that some of the minor civil divisions of 1890 and 1900 had gone out of existence by 1910, or had undergone such changes in territory that it was impossible to present strictly comparable figures.

Table 2 (p. 579) shows the cities, the incorporated towns and boroughs, and the incorporated villages in New Jersey, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of New Jersey, by counties, at each of the last five censuses, from 1870 to 1910, inclusive;

the increase during the last two decades; the density of the total and the rural population at the census of 1910; and the distribution of the population at the last two censuses according to urban and rural districts, are given in Table I of Chapter 2.

The tables and text of the present chapter contain few technical expressions whose meaning is not apparent. The census usage in regard to certain terms is, however, explained below:

**Density of population.**—The density of population of a state or county is obtained by dividing its total population by the number of square miles in its land area. In calculating the density of rural population, the same divisor is used as it is not practicable to ascertain and deduct the exact area covered by the urban districts, and even if this could be done with accuracy the deduction of this area from the total land area would ordinarily make no appreciable difference in the resulting quotient.

**Minor civil divisions.**—The counties are divided generally into smaller political units which bear different designations in the different parts of the country, such as towns, townships, election precincts, etc. Of these minor civil divisions those which rank next to the county as geographic areas are termed primary divisions. In many instances, however, these primary divisions contain political units of still smaller area, such as cities, incorporated villages, towns, or boroughs. These smaller political units are referred to as secondary divisions.

**Urban and rural population defined.**—The Census Bureau, for purposes of discussion, has defined urban population as that residing in cities and other incorporated places of 2,500 inhabitants or more, and rural population as that residing outside of such incorporated places.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or rural territory at the census of 1910 with the proportion urban or

**HISTORICAL NOTE.**—New Jersey takes its name from the island of Jersey, in the English Channel, and was so named in honor of Sir George Carteret, one of the early proprietors of the province, who had distinguished himself as governor of that island.

The region now constituting New Jersey was included in the grant conveyed by the first charter of Virginia (1606); and its northern portion was embraced in the grant to the Plymouth Company in 1620.

The English title was based on the discoveries of John Cabot, who had visited the coasts of Newfoundland and the mainland in 1497. In 1609 Henry Hudson, sailing under the Dutch flag, coasted the shores of what is now New Jersey. The Dutch claimed the region as a part of New Netherland (now New York), and in about the year 1620 made settlements along the west shore of the lower Hudson; in 1623 they built Fort Nassau, near Gloucester. Swedes also settled on the Delaware River, but were brought under the jurisdiction of the Dutch by the governor of New Netherland.

In 1664 New Netherland, including the present area of New Jersey, passed into the hands of the English and was granted by Charles II to the Duke of York. Before the latter took possession he conveyed to Lord Berkeley and Sir George Carteret the territory lying between the Hudson and the Delaware and limited on the north by a line differing somewhat, but not greatly, from the present boundary between New Jersey and New York.

The first permanent English settlement was probably that made at Elizabethtown about 1664. Not long after taking possession of the province, Berkeley and Carteret established a government which included a popular assembly.

In 1673 New York (formerly New Netherland) and New Jersey were surrendered to the Dutch, in whose possession they remained until early in the following year, when both provinces were again transferred to the English.

In 1673 Berkeley sold his interest in New Jersey to two Quakers, who in the following year sold it to William Penn and others. In July, 1676, was executed the "Quintipartite deed," by which the province was divided by a line drawn from Little Egg Harbor (about 15 miles north of Atlantic City) to the most northerly boundary point on the Delaware. Carteret retained the eastern part, known as East New Jersey, while the Quakers took the western portion, called West New Jersey. In 1682 East New Jersey was sold to William Penn (who in the preceding year had obtained a royal grant of Pennsylvania) and other Quakers. In 1702 the proprietors of both colonies ceded their right of government to the English Crown, and East and West New Jersey were united and placed under the governor of New York, New Jersey retaining its separate assembly. In 1738 the colony was given a separate governor.

The present boundary between New Jersey and New York was established in 1772 or 1773.

New Jersey was one of the original thirteen states.

According to estimates and censuses prior to the first Federal census, in 1790, the population of the colony of New Jersey at different periods was said to be as follows: 1702 (estimate), 15,000; 1726 (census), 32,442; 1737 (census), 47,369; 1745 (census), 61,383; 1749 (estimate), 60,000; 1754 (estimate), 78,500; 1774 (estimate), 120,000; 1784 (estimate), 149,434.

rural at the preceding census, it is necessary to classify the territory according to the conditions *as they existed* at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and over 2,500 in 1910 is classed with the rural population for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population for the *same* territory which have occurred from one decennial census to another. For this purpose the territory which in

1910 was urban or rural, as the case may be, is taken as the basis, and the population in 1900 for the same territory (so far as separately reported at that census), is presented, even though part of the territory may, on the basis of its population at the earlier census, have then been in a different class. This avoids the disturbing effect on comparisons which would arise from the passage, for example, of communities formerly classed as rural into the urban group. These two distinct forms of comparison are made in Table I of Chapter 2 for the state as a whole and for each county separately for the last two censuses.

### TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

**Population of the state.**—The population of New Jersey is 2,537,167. Compared with a population of 1,883,669 in 1900, this represents an increase during the last decade of 653,498, or 34.7 per cent. During the same period the total population of the United States increased 21 per cent. The growth of the state was somewhat more rapid than during the

preceding decade, 1890–1900, when it was 30.4 per cent.

The following table shows the population of New Jersey at each census from 1790 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	2,537,167	653,498	34.7	21.0
1900.....	1,883,669	438,736	30.4	20.7
1890.....	1,444,933	313,817	27.7	25.5
1880.....	1,131,116	225,020	24.8	30.1
1870.....	906,096	234,061	34.8	22.6
1860.....	672,035	182,480	37.3	35.6
1850.....	489,555	116,249	31.1	35.9
1840.....	373,306	52,483	16.4	32.7
1830.....	320,823	43,248	15.6	33.5
1820.....	277,575	32,013	13.0	33.1
1810.....	245,562	34,413	16.3	36.4
1800.....	211,149	27,010	14.7	35.1
1790.....	184,139			

It will be noticed from this table that from 1790 to 1840 the growth of the state was slow, although steady, the rate of increase for the several decades ranging from 13 per cent to 16.4 per cent. Since 1840 the increase has been much larger, the lowest rate being 24.8 per cent, from 1870 to 1880, and the highest, 37.3 per cent, from 1850 to 1860. The numerical increase for the first decade, 1790–1800, was 27,010, and for the last decade, 1900–1910, 653,498, the increase during the last period being more than three and one-half times the entire population of the state in 1790.

A comparison of the rates of increase for the state with those for the United States, as given in the preceding table, shows that from 1790 to 1840 the increase during each decade was much less for the state than for the whole country. From 1840 to 1850 the increase in the population of the state was almost equal to that of the United States. Since 1850 the rate of increase for the state has exceeded that for the United States in every decade except 1870 to 1880. The population of the state in 1910 is nearly fourteen times as large as in 1790, when the First Census was taken, while the population of the

United States in 1910 is more than twenty-three times that in 1790.

**Principal cities.**—New Jersey has 41 cities. Newark, the largest, has a population of 347,469, and Jersey City, the second city, a population of 267,779. There are 11 other cities and 1 town (West Hoboken) having over 25,000 inhabitants. There are 6 cities having from 10,000 to 25,000, 7 having from 5,000 to 10,000, 3 having from 2,500 to 5,000, and 12 having less than 2,500 inhabitants.

Table 2 shows the population in 1910 of all the cities of the state with comparative figures, where possible, for 1900 and 1890. The table on the next page shows the population of the 13 cities and of the 1 town having in 1910 over 25,000 inhabitants, as reported at each census since their incorporation either as cities or towns, together with the increase during each decade.

Of the cities given in this table, Passaic shows the highest percentage of increase during the last decade, namely, 97.2 per cent, and Hoboken the lowest, 18.5 per cent.

Newark's growth has been steady and substantial, more than 100,000 having been added to its population during the last decade.

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRE- CEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRE- CEDING CENSUS.	
		Number.	Per cent.			Number.	Per cent.
<b>Atlantic City:</b>				<b>Newark:</b>			
1910.....	46,150	18,312	65.8	1910.....	347,469	101,399	41.2
1900.....	27,838	14,783	113.2	1900.....	246,070	64,240	35.3
1890.....	13,055	7,578	138.4	1890.....	181,830	45,322	33.2
1880.....	5,477	4,434	425.1	1870.....	136,508	31,449	29.9
1870.....	1,043			1860.....	105,059	33,118	46.0
<b>Bayonne:</b>				1850.....	71,941	33,047	85.0
1910.....	55,545	22,823	69.7	1840.....	38,894	21,604	125.0
1900.....	32,722	13,689	71.9	<b>Orange:</b>			
1890.....	19,033	9,661	103.1	1910.....	29,630	5,489	22.7
1880.....	9,372			1900.....	24,141	5,297	28.1
<b>Camden:</b>				1890.....	18,844	5,637	42.7
1910.....	94,538	18,603	24.5	1880.....	13,207	3,859	41.3
1900.....	75,935	17,622	30.2	1870.....	9,348	471	5.3
1890.....	58,313	16,654	40.0	1860.....	8,877		
1880.....	41,659	21,614	107.8	<b>Passaic:</b>			
1870.....	20,045	5,687	39.6	1910.....	54,773	26,996	97.2
1860.....	14,358	4,879	51.5	1900.....	27,777	14,749	113.2
1850.....	9,479			1890.....	13,028	6,496	99.4
<b>East Orange:</b>				1880.....	6,532		
1910.....	34,371	12,865	59.8	<b>Paterson:</b>			
1900.....	21,506			1910.....	125,600	20,429	19.4
<b>Elizabeth:</b>				1900.....	105,171	26,824	34.2
1910.....	73,409	21,279	40.8	1890.....	78,347	27,316	53.5
1900.....	52,130	14,366	38.0	1880.....	51,031	17,452	52.0
1890.....	37,764	9,535	33.8	1870.....	33,579	13,993	71.4
1880.....	28,229	7,397	35.5	1860.....	19,586		
1870.....	20,832	9,265	80.1	<b>Perth Amboy:</b>			
1860.....	11,567			1910.....	32,121	14,422	81.5
<b>Hoboken:</b>				1900.....	17,099	8,187	86.1
1910.....	70,324	10,960	18.5	1890.....	9,512	4,704	97.8
1900.....	59,364	15,716	36.0	1880.....	4,808		
1890.....	43,648	12,649	40.8	<b>Trenton:</b>			
1880.....	30,999	10,702	52.7	1910.....	96,815	23,508	32.1
1870.....	20,297	10,635	110.1	1900.....	73,307	15,849	27.6
1860.....	9,662			1890.....	57,458	27,548	92.1
<b>Jersey City:</b>				1880.....	29,910	7,036	30.8
1910.....	267,779	61,346	29.7	1870.....	22,874	5,646	32.8
1900.....	206,433	43,430	26.6	1860.....	17,228	10,767	166.6
1890.....	163,003	42,281	35.0	1850.....	6,461	2,426	60.1
1880.....	120,722	38,176	46.2	1840.....	4,035		
1870.....	82,546	53,320	182.4	<b>West Hoboken town:</b>			
1860.....	29,226	22,370	326.3	1910.....	35,403	12,309	53.3
1850.....	6,856	3,784	123.2	1900.....	23,094		
1840.....	3,072						

**Counties.**—New Jersey has 21 counties. The population of these counties ranges from 537,231 in Hudson County to 19,745 in Cape May County.

There have been no changes in the territorial boundaries of the counties since 1900.

Hudson County, which contains Jersey City, is the largest county of the state in population and has had a very large and constant growth.

The increase in population from 1900 to 1910 in Essex County, 153,833, and the increase in Hudson County, 151,183, are each more than the entire population of any other county in the state except Passaic. Naturally the counties showing the largest growth are those lying nearest to New York City.

Bergen and Atlantic Counties, showing increases of 75.9 and 54.9 per cent, respectively, are the only two counties which increased more than 50 per cent during the last decade. In eight counties the percentage of increase exceeded that for the state as a whole, which, as before stated, was 34.7 per cent.

Hunterdon is the only county which lost in population during the last decade, the decrease being 2.7 per cent. This county also decreased 2.4 per cent in population from 1890 to 1900. Burlington County showed a decrease of one-half of 1 per cent from 1890 to 1900, but an increase of 14.3 per cent from 1900 to 1910.

The maps on page 572 show the increase or decrease in the total and rural population, respectively, of each county of New Jersey during the last decade. In the counties shown in white the population decreased; for the other counties the different rates of increase are indicated by differences in shading.

**Density of population.**—The total land area of the state is 7,514 square miles. The average number of persons to the square mile in 1910 was 337.7; in 1900 and 1890 it was 250.7 and 192.3, respectively. The average number per square mile for the United States as a whole in 1910 was 30.9.

In density of population New Jersey ranks third among the states, being preceded only by Rhode Island and Massachusetts.

The density of population is given by counties in Table I of Chapter 2 and in the maps on page 573, both for the entire population and for that living in rural territory, excluding in the latter case the population of places of 2,500 inhabitants or more, but not excluding the land area of such places.

Hudson County has the highest density of any county, namely, 12,493.7 persons per square mile, and Ocean County the lowest, namely, 33.5. Burlington County, with 815 square miles, has the largest area, and Hudson County, with 43 square miles, has the smallest area.

**Minor civil divisions.**—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." In New Jersey the counties are divided into 476 primary divisions, comprising 240 townships, 38 cities, 24 towns, 173 boroughs, and 1 village. These subdivisions, with one exception, Flemington village, in Hunterdon County, are all independent of one another. There are also 3 cities, 1 town, and 1 village which are coextensive with the townships in which they are located, and 1 village which forms part of the township in which located.

**Incorporated places.**—New Jersey has 242 incorporated places, comprising 41 cities, 25 towns, 173 bor-

oughs, and 3 villages, with an aggregate population in 1910 of 2,057,515, or 81.1 per cent of the total population of the state.

**Urban and rural population compared.**—The following table presents the population of New Jersey at the censuses of 1910, 1900, and 1890, respectively, distributed among cities, villages, boroughs, and towns grouped according to specified limits of population, together with the percentage of the total population contained in each group at each of the censuses named. The classification is based upon the population of each place as it existed at each census.

CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population.....		2,537,167		1,883,669		1,444,933	100.0	100.0	100.0
<b>Urban territory.....</b>	<b>88</b>	<b>1,907,210</b>	<b>67</b>	<b>1,329,162</b>	<b>42</b>	<b>876,638</b>	<b>75.2</b>	<b>70.6</b>	<b>60.7</b>
Cities, villages, towns, and boroughs—									
100,000 inhabitants or more.....	3	740,848	3	557,674	2	344,833	29.2	29.6	23.9
50,000 to 100,000 inhabitants.....	6	445,404	4	280,736	3	194,118	17.6	13.8	13.4
25,000 to 50,000 inhabitants.....	5	177,675	3	88,337	2	81,412	7.0	4.7	5.6
10,000 to 25,000 inhabitants.....	18	271,936	14	218,271	9	125,899	10.7	11.6	8.7
5,000 to 10,000 inhabitants.....	21	142,066	16	107,651	10	74,334	5.6	5.7	5.1
2,500 to 5,000 inhabitants.....	35	129,281	27	96,493	16	56,042	5.1	5.1	3.9
<b>Rural territory.....</b>		<b>629,957</b>		<b>554,507</b>		<b>568,295</b>	<b>24.8</b>	<b>29.4</b>	<b>39.3</b>
Cities, towns, and boroughs of less than 2,500 inhabitants.....	154	150,305	124	106,552	57	59,378	5.9	5.7	4.1
Other rural territory.....		479,652		447,955		508,917	18.9	23.8	35.2

As shown by this table, the urban territory of the state in 1910—that is, the cities and incorporated villages, towns, and boroughs of 2,500 inhabitants or more—contained 1,907,210 inhabitants, or 75.2 per cent of the total population, while 629,957 inhabitants, or 24.8 per cent, lived in rural territory. The urban territory, as it existed in 1900—that is, cities and incorporated villages, towns, and boroughs then having 2,500 inhabitants or more—contained 1,329,162 inhabitants, or 70.6 per cent of the total population, while 554,507 inhabitants, or 29.4 per cent, lived in rural territory. There has thus been a considerable increase in the proportion of urban population. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

From this table it also appears that the 3 places which in 1910 had each more than 100,000 inhabitants comprised 29.2 per cent of the total population of the state. The 14 places of 25,000 or more inhabitants had a combined population in 1910 of 1,363,927, or 53.8 per cent of the aggregate population of the state. Of the total population, 24.8 per cent is classed as rural, 5.9 per cent being contained in 154 incorporated places of less than 2,500 each and 18.9 per cent in unincorporated territory.

The 154 places of less than 2,500 have an aggregate of 150,305 inhabitants. These places comprise 64 having from 1,000 to 2,500 inhabitants each, with a combined population of 105,102; 44 having from 500 to 1,000 inhabitants each, with a combined population of 31,383; and 46 having less than 500 inhabitants each, with a combined population of 13,820.

A comparison of the figures for 1910, 1900, and 1890, as given in the above table, shows an increase in the proportion of the population in each of the urban groups, and a decrease in the proportion in rural territory.

Table I of Chapter 2 shows 14 counties having a larger proportion and 4 counties a smaller proportion of urban population in 1910 than in 1900, while for 1 county the proportion is the same, and 2 counties are wholly rural. In Essex County 94.8 per cent of the population in 1910 live in places of over 2,500 inhabitants, and in Hudson County 95 per cent. Cape May and Ocean Counties are wholly rural.

In order to compare the *rate of growth* in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and 1900 of the same places is then compared. Thus, as shown in the next table, the total population in 1910 of the cities, villages, towns, and boroughs which at that time had 2,500 inhabitants or more was 1,907,210; in 1900 the total population of these same places (so far as separately reported) was 1,363,653. It may be noted that the latter figure exceeds the total population in 1900 of the cities, villages, towns, and boroughs which at that time had over 2,500 each, 1,329,162 (see table on p. 570), by 34,491. The difference is the result of the passage, since 1900, of certain communities from the rural to the urban class.

A comparison of the total population in 1910 of the cities, villages, towns, and boroughs having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the next table, shows an increase of 39.9 per cent. This represents the rate of growth of urban communities as thus defined. During the same period the rural population, comprising that of the remainder of the state, increased 21.1 per cent. Urban population thus increased a little less than twice as fast as rural. For the United States as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent.

As shown by Table I of Chapter 2 there were two counties in New Jersey in which the population living in rural territory decreased, but none in which there was a decrease in urban population.

In the following table the population for the state as a whole is distributed so as to show, for 1910 and 1900, the combined population of the cities having, in 1910, 100,000 inhabitants or more, the combined population of the cities, villages, towns, and boroughs

having, in 1910, from 25,000 to 100,000 and from 2,500 to 25,000 inhabitants, respectively, and the population of the remainder of the state.

CLASS OF PLACES.	POPULATION.		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
<b>The state</b> .....	<b>2,537,167</b>	<b>1,883,669</b>	<b>653,498</b>	<b>34.7</b>
Urban territory in 1910.....	1,907,210	1,363,653	543,557	39.9
Cities, villages, towns, and boroughs of—				
100,000 inhabitants or more in 1910...	740,848	561,778	179,070	31.9
25,000 to 100,000 inhabitants in 1910...	623,079	435,513	187,566	43.1
2,500 to 25,000 inhabitants in 1910...	543,283	366,362	176,921	48.3
Remainder of the state.....	629,957	520,016	109,941	21.1

From this table it appears that two of the three urban groups increased in population more rapidly than the state as a whole, the rate of increase for places from 2,500 to 25,000 inhabitants being particularly large, while the rate of increase in rural territory was but little more than half the rate for the state.

It also appears from this table that of the decennial increase in population, namely, 653,498, a little more than one-sixth was in rural territory and more than one-half was in places of over 25,000 inhabitants.

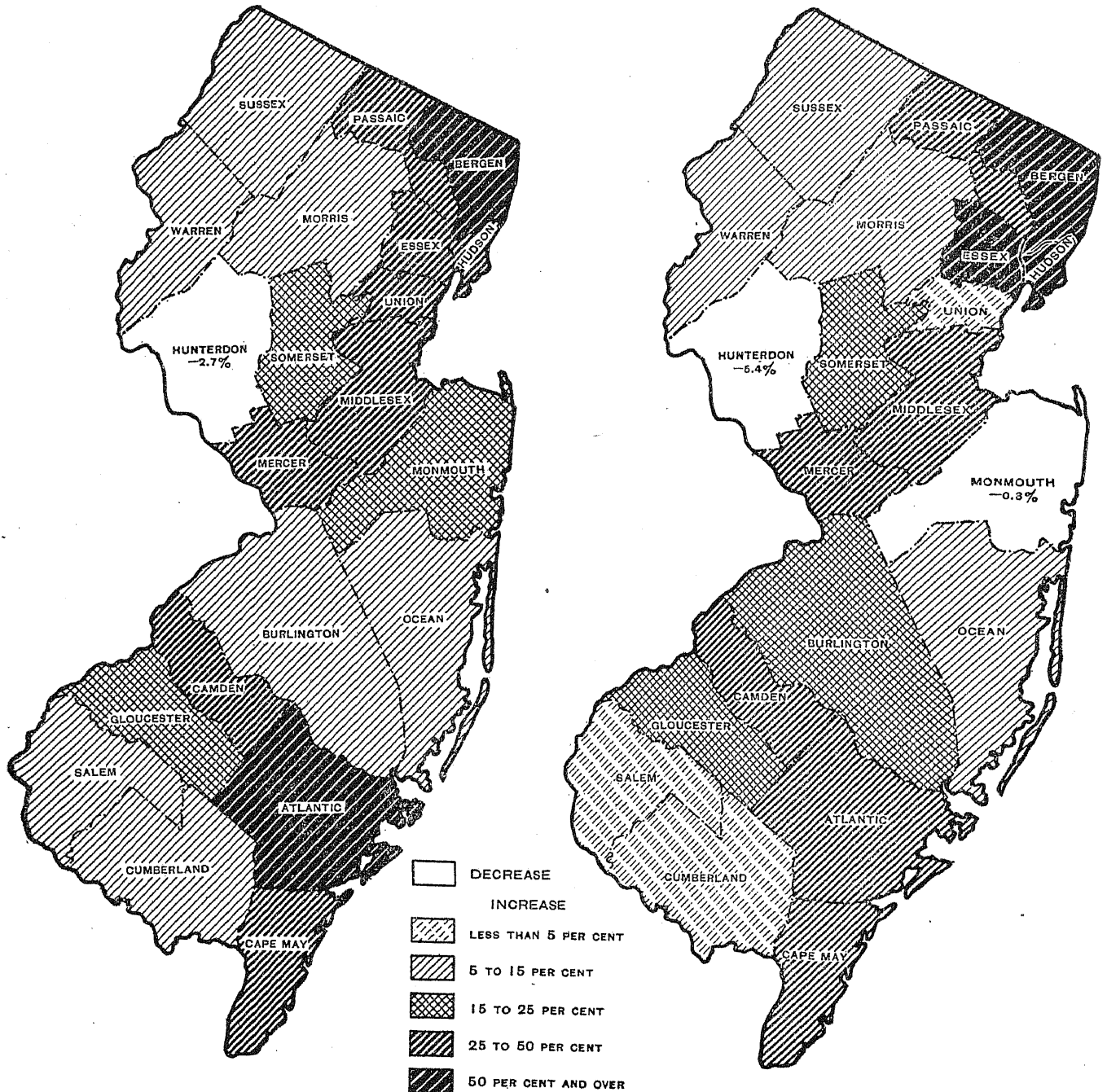


# PER CENT OF INCREASE OR DECREASE OF POPULATION OF NEW JERSEY, BY COUNTIES: 1900-1910.

In case of decrease the per cent is inserted under the county name.

TOTAL POPULATION.

RURAL POPULATION.

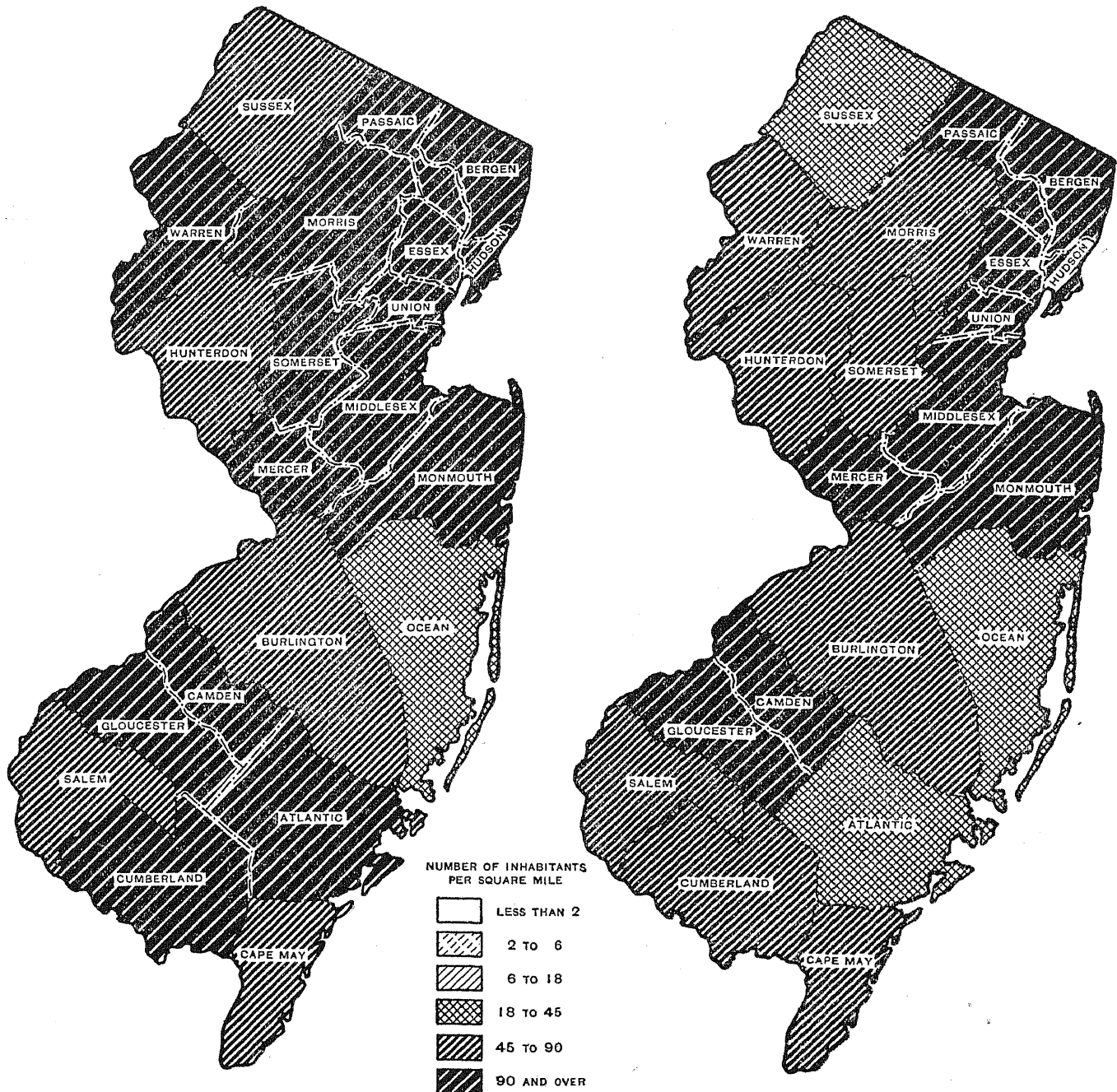


Rural population is defined as that residing outside of incorporated places having 2,500 or more inhabitants.

DENSITY OF POPULATION OF NEW JERSEY, BY COUNTIES: 1910.

TOTAL POPULATION.

RURAL POPULATION.



*Rural population is defined as that residing outside of incorporated places having 2,500 or more inhabitants.*



# STATISTICS OF POPULATION.

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**TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.**

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Camden County—Continued.</b>				<b>Essex County—Continued.</b>			
<b>Camden city—Continued.</b>				<b>Cedar Grove township<sup>13</sup></b>			
Ward 6	7,979			East Orange city	2,409	(11)	(11)
Ward 7	14,578			Ward 1	34,371	21,506	(11)
Ward 8	8,742			Ward 2	4,901		
Ward 9	6,982			Ward 3	5,333		
Ward 10	8,132			Ward 4	9,243		
Ward 11	6,990			Ward 5	5,730		
Ward 12	6,493			Ward 6	9,718		
Center township	3,200	2,192	1,834	Ward 7	442		
Cheshilhurst borough	246	283		Essex Falls borough <sup>14</sup>	3,200	1,900	(11)
Clementon township <sup>1</sup>	2,794			Glen Ridge borough	11,877	5,255	
Collingswood borough	4,795	1,633	539	Irrington town <sup>15</sup>	3,329		
Delaware township	1,706	1,679	1,457	Ward 1	3,733		
Gloucester city	9,462	6,840	6,564	Ward 2	4,740		
Ward 1	3,879			Ward 3	4,740	1,412	1,197
Ward 2	6,583			Livingston township <sup>16</sup>	1,025	2,837	2,437
Gloucester township <sup>1</sup>	2,380	4,018	3,091	Milburn township	3,720	13,962	(11)
Haddon township <sup>2</sup>	1,465	2,012	888	Montclair town	21,550		
Haddon Heights borough <sup>3</sup>	1,452			Ward 1	7,476		
Haddonfield borough	4,142	2,776	2,502	Ward 2	4,004		
Merchantville borough	1,996	1,608	1,225	Ward 3	4,030		
Oaklyn borough <sup>4</sup>	653			Ward 4	4,840		
Pensauken township	4,169	3,145		Newark city <sup>17</sup>	347,469	246,070	181,830
Voorhees township	1,174	969		Ward 1	18,919		
Waterford township <sup>5</sup>	1,454	2,161	2,421	Ward 2	18,736		
Winslow township	2,919	2,392	2,408	Ward 3	32,910		
Woodlyne borough <sup>6</sup>	500			Ward 4	13,756		
				Ward 5	17,970		
				Ward 6	20,944		
				Ward 7	22,474		
				Ward 8	20,166		
				Ward 9	15,805		
				Ward 10	24,430		
				Ward 11	22,408		
				Ward 12	19,789		
				Ward 13	18,951		
				Ward 14	35,828		
				Ward 15	19,022		
				Ward 16	30,761		
				Ward 17	595		
				North Caldwell borough	6,009	(11)	(11)
				Nutley town <sup>18</sup>	1,858		
				Ward 1	2,133		
				Ward 2	1,996		
				Ward 3	1,996		
				Orange city	29,630	24,141	18,844
				Ward 1	7,573		
				Ward 2	4,754		
				Ward 3	7,122		
				Ward 4	6,402		
				Ward 5	8,779		
				Roseland borough <sup>19</sup>	486		
				South Orange township	2,979	1,630	1,078
				South Orange village	6,014	4,008	3,106
				Verona borough <sup>20</sup>	1,875	(11)	
				West Caldwell borough <sup>19</sup>	1,494		
				West Orange town	10,980	6,889	(11)
				Ward 1	5,205		
				Ward 2	2,531		
				Ward 3	2,081		
				Ward 4	1,013		
				Ward 5	2,100		
				<b>Gloucester County</b>	<b>37,366</b>	<b>31,905</b>	<b>28,649</b>
				Clayton borough <sup>21</sup>	1,926	1,951	1,807
				Deptford township	2,524	2,114	1,681
				East Greenwich township	1,406	1,323	1,259
				Elk township	1,022	997	
				Franklin township	2,603	2,252	2,021
				Glassboro township <sup>22</sup>	2,821	2,677	2,642
				Greenwich township <sup>23</sup>	874	2,252	1,900
				Harrison township	1,682	1,509	1,545
				Logan township	1,523	1,444	1,523
				Mantua township <sup>24</sup>	1,529	2,101	1,791
				Monroe township	3,015	2,402	1,945
				National Park borough <sup>24</sup>	325		
				Paulsboro borough <sup>25</sup>	2,121		
				Pitman borough <sup>22</sup>	1,950		
				South Harrison township	694	706	971
				Swedesboro borough <sup>26</sup>	1,477		
				Washington township	1,396	1,252	1,155
				Wenonah borough	645	498	383
				West Deptford township <sup>24</sup>	2,057	1,951	1,583
				Woodbury city	4,642	4,087	3,911
				Ward 1	1,108		
				Ward 2	2,193		
				Ward 3	1,342		
				Woolwich township <sup>25</sup>	1,136	2,291	2,035

<sup>1</sup> Clementon township organized from part of Gloucester township in 1903.  
<sup>2</sup> Parts taken to form Andubon, Haddon Heights, Oaklyn, and Woodlyne boroughs in 1905, 1904, 1905, and 1901, respectively.  
<sup>3</sup> Incorporated from part of Haddon township in 1904.  
<sup>4</sup> Incorporated from part of Haddon township in 1905.  
<sup>5</sup> Part taken to form Berlin township in 1910.  
<sup>6</sup> Incorporated from part of Haddon township in 1901.  
<sup>7</sup> Woodbine borough incorporated from part of Dennis township in 1903.  
<sup>8</sup> Wildwood Crest borough incorporated from part of Lower township in 1910.  
<sup>9</sup> Name changed from Angliesa in 1906.  
<sup>10</sup> Incorporated as a city in 1908.  
<sup>11</sup> County totals include population (1,325 in 1900; 3,684 in 1890) of Clinton township, annexed to Irvington town and Newark city; population (2,139 in 1900) of Verona township, taken to form Cedar Grove township and Verona borough; population (2,779 in 1900; 786 in 1890) of Vailsburg borough, annexed to Newark city; population (3,682 in 1900; 2,007 in 1890) of Franklin township, incorporated as Nutley town, since 1900; population (7,708 in 1890) of Bloomfield township, taken to form Bloomfield town and Glen Ridge borough; population (13,282 in 1890) of East Orange township, incorporated as a city; population (8,656 in 1890) of Montclair township, incorporated as a town; and population (4,358 in 1890) of West Orange township, incorporated as a town, between 1890 and 1900.

<sup>12</sup> Parts taken to form Essex Falls and West Caldwell boroughs in 1902 and 1904, respectively.  
<sup>13</sup> Organized from part of Verona township in 1908.  
<sup>14</sup> Incorporated from part of Caldwell township in 1902.  
<sup>15</sup> Part of Clinton township annexed in 1902.  
<sup>16</sup> Roseland borough incorporated from part of Livingston township in 1908.  
<sup>17</sup> Vailsburg borough and part of Clinton township annexed in 1905 and 1902, respectively.  
<sup>18</sup> Formerly Franklin township; incorporated as a town in 1902.  
<sup>19</sup> Incorporated from part of Caldwell township in 1904.  
<sup>20</sup> County totals include population (38 in 1900; 492 in 1890) of Clayton township, annexed to Clayton borough since 1900.  
<sup>21</sup> Clayton township annexed in 1908.  
<sup>22</sup> Pitman borough incorporated from parts of Glassboro and Mantua townships in 1905.  
<sup>23</sup> Paulsboro borough incorporated from part of Greenwich township in 1904.  
<sup>24</sup> National Park borough incorporated from part of West Deptford township in 1902.  
<sup>25</sup> Swedesboro borough incorporated from part of Woolwich township in 1902.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Hudson County.....</b>	<b>537,231</b>	<b>386,048</b>	<b>1,275,126</b>	<b>Mercer County—Continued.</b>			
Bayonne city.....	55,545	32,722	19,033	Hopewell borough.....	1,073	980	
Ward 1.....	11,467			Hopewell township.....	3,171	3,300	3,724
Ward 2.....	13,729			Lawrence township.....	2,522	1,555	1,448
Ward 3.....	9,501			Pennington borough.....	722	733	588
Ward 4.....	11,118			Princeton borough.....	5,136	3,899	3,422
Ward 5.....	9,745			Princeton township.....	1,178	955	812
East Newark borough.....	3,163	2,500	(1)	Trenton city <sup>8</sup> .....	90,815	73,307	57,428
Guttenberg town.....	5,647	3,825	1,947	Ward 1.....	6,856		
Harrison town.....	14,498	10,596	8,338	Ward 2.....	4,901		
Ward 1.....	3,967			Ward 3.....	6,958		
Ward 2.....	2,279			Ward 4.....	10,871		
Ward 3.....	3,026			Ward 5.....	10,413		
Ward 4.....	5,226			Ward 6.....	3,363		
Hoboken city.....	70,324	59,364	43,648	Ward 7.....	4,986		
Ward 1.....	11,657			Ward 8.....	6,694		
Ward 2.....	10,145			Ward 9.....	8,867		
Ward 3.....	19,207			Ward 10.....	9,502		
Ward 4.....	15,802			Ward 11.....	11,818		
Ward 5.....	13,513			Ward 12.....	6,160		
Jersey City.....	207,779	206,433	163,003	Ward 13.....	6,558		
Ward 1.....	20,754			Ward 14.....	5,868		
Ward 2.....	22,025			Washington township.....	1,090	1,157	1,120
Ward 3.....	19,980			West Windsor township.....	1,342	1,279	1,320
Ward 4.....	16,793						
Ward 5.....	19,515			<b>Middlesex County.....</b>	<b>114,426</b>	<b>79,762</b>	<b>61,754</b>
Ward 6.....	17,570			Cranbury township.....	1,424	1,428	1,427
Ward 7.....	22,616			Dunellen borough.....	1,990	1,239	1,000
Ward 8.....	30,858			East Brunswick township <sup>6</sup> .....	1,602	2,423	2,642
Ward 9.....	22,201			Helmetta borough.....	661	447	
Ward 10.....	20,867			Highland Park borough <sup>7</sup> .....	1,517		
Ward 11.....	27,346			Jamesburg borough.....	2,075	1,063	847
Ward 12.....	27,154			Madison township.....	1,621	1,671	1,529
Kearny town.....	18,659	10,896	(1)	Metuchen borough.....	2,138	1,786	719
Ward 1.....	4,660			Milltown borough <sup>9</sup> .....	1,584	561	
Ward 2.....	5,597			Monroe township.....	1,723	1,899	2,153
Ward 3.....	4,173			New Brunswick township, coextensive with New Brunswick city.....	23,388	20,006	18,643
Ward 4.....	4,229			New Brunswick city: Ward 1.....	3,458		
North Bergen township.....	15,062	9,213	5,715	Ward 2.....	5,712		
Ward 1.....	6,092			Ward 3.....	5,733		
Ward 2.....	5,128			Ward 4.....	3,959		
Ward 3.....	4,472			Ward 5.....	4,606		
Secaucus borough.....	4,740	1,026		Ward 6.....	5,920		
Union town.....	21,023	15,187	10,643	North Brunswick township.....	990	847	1,234
Ward 1.....	6,518			Perth Amboy township, coextensive with Perth Amboy city.....	32,121	17,699	9,512
Ward 2.....	6,948			Perth Amboy city: Ward 1.....	3,554		
Ward 3.....	6,559			Ward 2.....	3,032		
Weehawken township.....	11,223	5,325	1,943	Ward 3.....	3,432		
Ward 1.....	2,505			Ward 4.....	7,234		
Ward 2.....	3,144			Ward 5.....	6,837		
Ward 3.....	5,579			Ward 6.....	9,033		
West Hoboken town.....	35,403	23,094	(1)	Piscataway township.....	3,523	2,628	2,222
Ward 1.....	10,408			Raritan township <sup>1</sup> .....	2,707	2,801	3,012
Ward 2.....	13,141			Roosevelt borough <sup>9</sup> .....	5,786	4,155	3,559
Ward 3.....	11,854			Sayreville township.....	6,783	4,155	3,559
West New York town.....	13,560	5,267		South Amboy township, coextensive with South Amboy city <sup>10</sup> .....	7,007	6,349	4,009
Ward 1.....	3,010			South Amboy city: Ward 1.....	1,843		
Ward 2.....	3,560			Ward 2.....	1,789		
Ward 3.....	6,990			Ward 3.....	1,794		
				Ward 4.....	1,681		
<b>Hunterdon County.....</b>	<b>33,569</b>	<b>34,507</b>	<b>235,355</b>	South Brunswick township.....	2,443	2,337	2,402
Alexandria township.....	1,045	1,045	1,250	South River borough.....	4,772	2,792	1,700
Bethlehem township <sup>2</sup> .....	950	1,634	2,308	Spotswood borough <sup>11</sup> .....	623		
Bloomsbury borough <sup>3</sup> .....	600			Woodbridge township <sup>12</sup> .....	8,948	7,631	4,662
Clinton town.....	836	816					
Clinton township.....	2,108	2,296	2,888	<b>Monmouth County.....</b>	<b>94,734</b>	<b>82,057</b>	<b>136,912</b>
Delaware township.....	1,740	1,953	3,037	Allenhurst borough.....	300	166	
East Amwell township.....	1,203	1,327	1,375	Allentown borough.....	634	695	
Franklin township.....	1,099	1,258	1,287	Asbury Park city <sup>13</sup> .....	10,150	4,148	
Frenchtown borough.....	984	1,020	1,023	Ward 1.....	6,955		
Hampton borough <sup>4</sup> .....	914	998		Ward 2.....	5,195		
High Bridge borough.....	1,545	1,377		Atlantic township.....	1,205	1,410	1,602
Holland township.....	1,699	1,652	1,704	Atlantic Highlands borough.....	1,645	1,383	045
Kingwood township.....	1,265	1,304	1,424	Avon borough <sup>14</sup> .....	426		
Lambertville city.....	4,657	4,637	4,142	Belmar borough.....	1,433	902	
Ward 1.....	1,554			Bradley Beach borough.....	1,807	982	
Ward 2.....	1,216			Deal borough.....	273	70	
Ward 3.....	2,087			Eatontown township <sup>15</sup> .....	2,076	3,021	2,062
Lebanon township.....	2,179	2,253	2,337	Englishtown borough.....	468	410	444
Lebanon township, including Flemington village. Flemington village.....	4,003	4,037	3,798	Farmingdale borough <sup>14</sup> .....	416		
Readington township.....	2,693	2,145	1,977	Freehold town.....	3,233	2,934	2,002
Readington township.....	2,569	2,670	2,813	Freehold township.....	2,329	2,334	2,102
Stockton borough.....	605	590		Highlands borough.....	1,880	1,228	
Tewksbury township.....	1,742	1,883	2,034	Holmdel township.....	1,058	1,190	1,412
Union township.....	930	918	1,134	Howell township <sup>16</sup> .....	2,703	3,103	3,012
West Amwell township.....	866	839	866	Keyport borough <sup>17</sup> .....	3,554	3,413	3,411
<b>Mercer County.....</b>	<b>125,657</b>	<b>95,365</b>	<b>79,978</b>				
East Windsor township.....	941	894	881				
Ewing township <sup>5</sup> .....	1,889	1,333	3,129				
Hamilton township <sup>6</sup> .....	7,899	4,164	4,163				
Hightstown borough.....	1,879	1,749	1,875				

<sup>1</sup> County total includes population (7,064) of Kearny township, taken to form East Newark borough and Kearny town; population (2,127) of Union township, annexed to Union town; and population (11,665) of West Hoboken township, incorporated as a town, between 1890 and 1900.  
<sup>2</sup> County total includes population (1,935) of High Bridge township, part taken to form High Bridge borough and parts annexed to Clinton and Lebanon townships between 1890 and 1900.  
<sup>3</sup> Bloomsbury borough incorporated from part of Bethlehem township in 1905.  
<sup>4</sup> Name changed from Junction in 1909.  
<sup>5</sup> Parts of Ewing and Hamilton townships annexed to Trenton city in 1900.  
<sup>6</sup> Part annexed to Milltown borough in 1902 and part taken to form Spotswood borough in 1908.

<sup>7</sup> Highland Park borough incorporated from part of Raritan township in 1900.  
<sup>8</sup> Part of East Brunswick township annexed in 1902.  
<sup>9</sup> Roosevelt borough incorporated from part of Woodbridge township in 1900.  
<sup>10</sup> Incorporated as a city in 1908.  
<sup>11</sup> Incorporated from part of East Brunswick township in 1908.  
<sup>12</sup> County totals include population (361 in 1900; 277 in 1890) of North Spring Lake borough, annexed to Spring Lake borough since 1900.  
<sup>13</sup> Part of Neptune township annexed in 1907.  
<sup>14</sup> Incorporated from part of Neptune City borough in 1900.  
<sup>15</sup> Part taken to form West Long Branch borough in 1908.  
<sup>16</sup> Farmingdale borough incorporated from part of Howell township in 1903.  
<sup>17</sup> Incorporated as a borough in 1908.

# STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
<b>Monmouth County—Continued.</b>				<b>Passaic County.....</b>			
Long Branch city <sup>1</sup> .....	13,298	8,872	7,231	Acquackanonk township.....	215,902	19 155,202	19 105,046
Ward 1.....	1,669			Haledon borough <sup>2</sup> .....	11,869	5,351	2,562
Ward 2.....	2,636			Haledon borough <sup>2</sup> .....	2,560	(19)	(19)
Ward 3.....	2,494			Hawthorne borough.....	3,400	2,096	
Ward 4.....	2,516			Little Falls township.....	3,750	2,908	1,890
Ward 5.....	1,985			North Haledon borough <sup>21</sup> .....	749	(19)	(19)
Ward 6.....	1,998			Passaic city.....	54,773	27,777	13,028
Manalapan township.....	1,375	1,435	1,558	Ward 1.....	22,266		
Manasquan borough.....	1,582	1,500	1,506	Ward 2.....	7,719		
Marlboro township.....	1,754	1,747	1,913	Ward 3.....	5,411		
Matawan borough.....	1,646	1,511	1,491	Ward 4.....	19,377		
Matawan township.....	1,472	1,310	1,602	Paterson city.....	125,600	105,171	78,347
Middletown township.....	6,653	5,479	5,650	Ward 1.....	13,659		
Millstone township.....	1,461	1,509	1,782	Ward 2.....	17,378		
Monmouth Beach borough <sup>2</sup> .....	1,485			Ward 3.....	13,848		
Neptune township <sup>3</sup> .....	5,551	7,943	8,333	Ward 4.....	16,282		
Neptune City borough <sup>4</sup> .....	488	1,009		Ward 5.....	7,679		
Ocean township <sup>5</sup> .....	1,377	4,251	2,978	Ward 6.....	4,726		
Raritan township.....	1,583	1,524	1,368	Ward 7.....	7,715		
Red Bank borough <sup>6</sup> .....	7,398	5,428	4,145	Ward 8.....	9,028		
Rumson borough <sup>7</sup> .....	1,449			Ward 9.....	13,966		
Seabright borough.....	1,220	1,198		Ward 10.....	10,450		
Shrewsbury township <sup>7</sup> .....	3,238	3,842	4,222	Ward 11.....	10,369		
Spring Lake borough <sup>8</sup> .....	853	526		Pompton township.....	4,044	2,404	2,153
Upper Freehold township.....	2,053	2,112	2,861	Pompton Lakes borough.....	1,060	847	
Wall township.....	3,817	3,212	3,269	Prospect Park borough <sup>21</sup> .....	2,719	(19)	(19)
West Long Branch borough <sup>9</sup> .....	879			Totowa borough.....	1,130	562	
				Wayne township.....	2,281	1,985	2,004
				West Milford township.....	1,967	2,112	2,486
<b>Morris County.....</b>	<b>74,704</b>	<b>65,156</b>	<b>54,101</b>	<b>Salem County.....</b>	<b>26,999</b>	<b>25,530</b>	<b>25,151</b>
Boonton town <sup>10</sup> .....	4,930	3,901		Alloway township.....	1,533	1,528	1,675
Boonton township <sup>11</sup> .....	428	12 809	3,307	Elmer borough.....	1,167	1,140	842
Butler borough <sup>12</sup> .....	2,265			Elsinboro township.....	419	445	524
Chatham borough.....	1,874	1,361	780	Lower Alloways Creek township.....	1,252	1,242	1,308
Chatham township.....	812	620	1,432	Lower Penns Neck township.....	1,544	1,424	1,289
Chester township.....	1,251	1,409	1,625	Mannington township.....	1,606	1,745	1,870
Dover town.....	7,468	5,938		Oldmans township.....	1,364	1,382	1,432
Florham Park borough.....	558	752		Pennsgrove borough.....	2,118	1,826	
Hanover township.....	6,228	5,366	4,481	Pilesgrove township.....	1,786	1,744	1,796
Jefferson township.....	1,303	1,341	1,611	Pittsgrove township.....	2,394	2,092	1,914
Madison borough.....	4,658	3,754	2,469	Quinton township.....	1,091	1,280	1,307
Mendham borough <sup>14</sup> .....	1,129			Salem city.....	6,614	5,811	5,516
Mendham township <sup>14</sup> .....	792	1,600	1,266	East ward.....	3,744		
Montville township.....	1,944	1,908	1,333	West ward.....	2,870		
Morris township.....	3,161	2,571	1,999	Upper Penns Neck township.....	744	775	2,239
Morristown town.....	12,507	11,267	8,156	Upper Pittsgrove township.....	1,754	1,725	1,923
Ward 1.....	3,498			Woodstown borough.....	1,613	1,371	1,516
Ward 2.....	4,011						
Ward 3.....	2,707			<b>Somerset County.....</b>	<b>38,820</b>	<b>32,948</b>	<b>28,311</b>
Ward 4.....	2,291			Bedminster township.....	2,375	1,925	1,749
Mount Arlington borough.....	277	275		Bernards township.....	4,608	3,066	2,658
Mount Olive township.....	1,160	1,221	1,848	Boundbrook borough.....	3,970	2,622	1,462
Netcong borough.....	1,532	941		Branchburg township.....	970	1,012	1,152
Passaic township.....	2,165	2,141	1,821	Bridgewater township.....	1,742	1,801	1,444
Pequanac township <sup>13</sup> .....	1,921	3,250	2,862	East Millstone town.....	356	447	475
Randolph township.....	2,307	2,246	7,972	Franklin township.....	2,395	2,398	2,478
Rockaway borough.....	1,902	1,483		Hillsboro township.....	2,313	2,439	2,825
Rockaway township <sup>11</sup> .....	4,835	4,528	6,033	Millstone borough.....	157	200	
Roxbury township.....	2,414	2,185	2,730	Montgomery township.....	1,637	1,243	1,655
Washington township.....	1,900	2,220	2,367	North Plainfield borough.....	6,117	5,009	
Wharton borough <sup>15</sup> .....	2,983	2,069		North Plainfield township.....	886	654	4,250
				Raritan town.....	3,672	3,244	2,556
<b>Ocean County.....</b>	<b>21,318</b>	<b>19,747</b>	<b>15,974</b>	Rocky Hill borough.....	502	354	
Barneget City borough <sup>16</sup> .....	70			Somerville borough <sup>22</sup> .....	5,060	4,843	3,361
Bay Head borough.....	281	247		South Boundbrook borough <sup>23</sup> .....	1,024	883	801
Beach Haven borough.....	272	239		Warren township.....	1,036	1,008	1,045
Berkeley township.....	597	694	786				
Brick township.....	2,177	2,130	4,065	<b>Sussex County.....</b>	<b>26,781</b>	<b>24,134</b>	<b>22,259</b>
Dover township.....	2,452	2,618	2,609	Andover borough <sup>24</sup> .....	884		
Eaglewood township.....	550	563	791	Andover township <sup>25</sup> .....	521	987	1,126
Harvey Cedars borough.....	33	39		Branchville borough.....	663	526	
Island Heights borough.....	313	316	271	Byram township <sup>26</sup> .....	1,055	1,235	1,380
Jackson township.....	1,325	1,595	1,717	Frankford township.....	1,004	682	1,459
Lacey township.....	602	718	711	Fredon township <sup>27</sup> .....	457		
Lakewood township.....	5,149	3,094		Green township <sup>28</sup> .....	888	627	636
Lavallette borough <sup>17</sup> .....	42	21		Hampton township <sup>28</sup> .....	671	775	866
Little Egg Harbor township <sup>18</sup> .....	388	1,856		Hardyston township.....	5,210	3,425	2,642
Long Beach township <sup>18</sup> .....	107	152		Hopatcong borough <sup>29</sup> .....	146	75	
Manchester township.....	1,112	1,033	1,057	Lafayette township.....	683	717	742
Ocean township.....	397	436	482	Montague township.....	621	710	797
Plumsted township.....	1,123	1,204	1,327	Newton town.....	4,467	4,376	3,003
Point Pleasant Beach borough.....	1,003	746		Sandyston township.....	855	939	1,084
Seaside Park borough.....	101	73		Sparta township.....	1,579	2,070	1,724
Stafford township.....	934	1,009	1,095	Stanhope borough <sup>29</sup> .....	1,031		
Surf City borough.....	40	9					
Tuckerton borough <sup>18</sup> .....	1,268						
Union township.....	982	955	1,063				

<sup>1</sup> Incorporated as a city and part of Ocean township annexed in 1904.  
<sup>2</sup> Incorporated from part of Ocean township in 1906.  
<sup>3</sup> Part annexed to Asbury Park city in 1907.  
<sup>4</sup> Part taken to form Avon borough in 1900.  
<sup>5</sup> Part annexed to Long Branch city in 1904 and part taken to form Monmouth Beach borough in 1906.  
<sup>6</sup> Incorporated as a borough in 1908.  
<sup>7</sup> Rumson borough incorporated from part of Shrewsbury township in 1907.  
<sup>8</sup> North Spring Lake borough annexed in 1903.  
<sup>9</sup> Incorporated from part of Eatontown township in 1908.  
<sup>10</sup> Formerly in Boonton township; made independent and parts of Boonton and Rockaway townships annexed in 1906.  
<sup>11</sup> Part annexed to Boonton town in 1906.  
<sup>12</sup> Exclusive of population of Boonton town.  
<sup>13</sup> Butler borough incorporated from part of Pequanac township in 1901.  
<sup>14</sup> Mendham borough incorporated from part of Mendham township in 1906.  
<sup>15</sup> Name changed from Fort Oram in 1902.

<sup>16</sup> Barneget City borough incorporated from part of Long Beach township in 1904.  
<sup>17</sup> Returned as Lavallette city in 1900.  
<sup>18</sup> Tuckerton borough incorporated from part of Little Egg Harbor township in 1902.  
<sup>19</sup> County totals include population (3,989 in 1900; 2,576 in 1890) of Manchester township, taken to form Haledon, North Haledon, and Prospect Park boroughs since 1900.  
<sup>20</sup> Incorporated from part of Manchester township in 1908.  
<sup>21</sup> Incorporated from part of Manchester township in 1901.  
<sup>22</sup> Incorporated as a borough in 1909.  
<sup>23</sup> Incorporated as a borough in 1907.  
<sup>24</sup> Incorporated from part of Andover township in 1904.  
<sup>25</sup> Parts taken to form Andover borough and part of Fredon township in 1904.  
<sup>26</sup> Stanhope borough incorporated from part of Byram township in 1904.  
<sup>27</sup> Organized from parts of Andover, Green, Hampton, and Stillwater townships in 1904.  
<sup>28</sup> Part taken to form part of Fredon township in 1904.  
<sup>29</sup> Name changed from Brooklyn in 1901.



STATISTICS OF POPULATION.

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890.

CITY, TOWN, VILLAGE, OR BOROUGH.	County.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	County.	1910	1900	1890
Absecon city.....	Atlantic.....	781	530	501	Hammonton town.....	Atlantic.....	5,088	3,481	3,833
Allendale borough.....	Bergen.....	937	694	.....	Hampton borough.....	Hunterdon.....	914	998	.....
Allenhurst borough.....	Monmouth.....	306	165	.....	Harrington Park borough.....	Bergen.....	377	.....	.....
Allentown borough.....	Monmouth.....	634	695	.....	Harrison town.....	Hudson.....	14,498	10,596	8,338
Alpine borough.....	Bergen.....	377	.....	.....	Harvey Cedars borough.....	Ocean.....	33	39	.....
Andover borough.....	Sussex.....	884	.....	.....	Hasbrouck Heights borough.....	Bergen.....	2,155	1,255	.....
Asbury Park city.....	Monmouth.....	10,150	4,148	.....	Hawthorne borough.....	Bergen.....	588	.....	.....
Atlantic City.....	Atlantic.....	46,150	27,838	13,055	Hawthorne borough.....	Passaic.....	3,400	2,096	.....
Atlantic Highlands borough.....	Monmouth.....	1,645	1,383	945	Helmetta borough.....	Middlesex.....	661	447	.....
Audubon borough.....	Camden.....	1,343	.....	.....	High Bridge borough.....	Hunterdon.....	1,545	1,377	.....
Avalon borough.....	Cape May.....	230	93	.....	Highland Park borough.....	Middlesex.....	1,517	.....	.....
Avon borough.....	Monmouth.....	426	.....	.....	Highlands borough.....	Monmouth.....	1,386	1,228	.....
Barneget City borough.....	Ocean.....	70	.....	.....	Hightstown borough.....	Mercer.....	1,879	1,749	1,875
Bay Head borough.....	Ocean.....	281	247	.....	Hoboken city.....	Hudson.....	70,324	59,364	43,648
Bayonne city.....	Hudson.....	55,545	32,722	19,033	Hohokus borough.....	Bergen.....	488	.....	.....
Beach Haven borough.....	Ocean.....	272	239	.....	Holly Beach borough.....	Cape May.....	1,901	569	217
Belmar borough.....	Monmouth.....	1,433	902	.....	Hopateong borough.....	Sussex.....	146	75	.....
Belvidere town.....	Warren.....	1,764	1,784	1,768	Hopewell borough.....	Mercer.....	1,073	980	.....
Bergenfields borough.....	Bergen.....	1,991	729	.....	Irington town.....	Essex.....	11,877	5,255	.....
Beverly city.....	Burlington.....	2,140	1,950	1,957	Island Heights borough.....	Ocean.....	313	316	271
Bloomfield town.....	Essex.....	15,070	9,668	.....	Jamesburg borough.....	Middlesex.....	2,075	1,063	887
Bloomsbury borough.....	Hunterdon.....	600	.....	.....	Jersey City.....	Hudson.....	267,779	206,433	163,003
Bogota borough.....	Bergen.....	1,125	337	.....	Keary town.....	Hudson.....	18,559	10,896	.....
Boonton town.....	Morris.....	4,930	3,901	.....	Kenilworth borough.....	Union.....	779	.....	.....
Bordentown city.....	Burlington.....	4,250	4,110	4,232	Keypoint borough.....	Monmouth.....	3,554	3,413	3,411
Bound Brook borough.....	Somerset.....	3,970	2,622	1,462	Lambertville city.....	Hunterdon.....	4,657	4,637	4,142
Bradley Beach borough.....	Monmouth.....	1,807	982	.....	Lavallette borough.....	Ocean.....	42	21	.....
Branchville borough.....	Sussex.....	663	526	.....	Leonia borough.....	Bergen.....	1,486	804	.....
Bridgeton city.....	Cumberland.....	14,209	13,913	11,424	Linden borough.....	Union.....	610	402	936
Brigantine city.....	Atlantic.....	67	99	.....	Linwood borough.....	Atlantic.....	602	495	536
Burlington city.....	Burlington.....	8,336	7,392	7,264	Little Ferry borough.....	Bergen.....	2,541	1,240	781
Butler borough.....	Morris.....	2,265	.....	.....	Lodi borough.....	Bergen.....	4,138	1,917	993
Caldwell borough.....	Essex.....	2,236	1,367	.....	Long Branch city.....	Monmouth.....	13,298	8,872	7,231
Camden city.....	Camden.....	94,538	75,935	58,313	Longport borough.....	Atlantic.....	118	80	.....
Cape May city.....	Cape May.....	2,471	2,257	2,136	Madison borough.....	Morris.....	4,658	3,754	2,469
Cape May Point borough.....	Cape May.....	162	153	167	Manasquan borough.....	Monmouth.....	1,582	1,500	1,506
Carlstadt borough.....	Bergen.....	3,807	2,574	1,549	Margate City.....	Atlantic.....	129	69	.....
Chatham borough.....	Morris.....	1,874	1,361	780	Matawan borough.....	Monmouth.....	1,646	1,511	1,491
Cheshilhurst borough.....	Camden.....	246	283	.....	Maywood borough.....	Bergen.....	889	536	.....
Clayton borough.....	Gloucester.....	1,926	1,951	1,807	Mendham borough.....	Morris.....	1,129	.....	.....
Cliffside Park borough.....	Bergen.....	3,394	968	.....	Merchantville borough.....	Camden.....	1,996	1,608	1,225
Clinton town.....	Hunterdon.....	836	816	.....	Metuchen borough.....	Middlesex.....	2,138	1,786	770
Closter town.....	Bergen.....	1,483	.....	.....	Midland Park borough.....	Bergen.....	2,001	1,348	.....
Collingswood borough.....	Camden.....	4,795	1,633	539	Millstone borough.....	Somerset.....	157	200	.....
Cresskill borough.....	Bergen.....	550	486	527	Milltown borough.....	Middlesex.....	1,584	561	.....
Deal borough.....	Monmouth.....	273	70	.....	Millville city.....	Cumberland.....	12,451	10,583	10,002
Delford borough.....	Bergen.....	1,005	746	.....	Monmouth Beach borough.....	Monmouth.....	485	.....	.....
Demarest borough.....	Bergen.....	560	.....	.....	Montclair town.....	Essex.....	21,550	13,962	.....
Dover town.....	Morris.....	7,468	5,938	.....	Montvale borough.....	Bergen.....	522	416	.....
Dumont borough.....	Bergen.....	1,783	643	.....	Moonachie borough.....	Bergen.....	638	.....	.....
Dunellen borough.....	Middlesex.....	1,990	1,239	1,060	Morristown town.....	Morris.....	12,507	11,267	8,156
East Millstone town.....	Somerset.....	356	447	475	Mount Arlington borough.....	Morris.....	277	275	.....
East Newark borough.....	Hudson.....	3,163	2,500	.....	Mountainside borough.....	Union.....	302	367	.....
East Orange city.....	Essex.....	34,371	21,506	.....	National Park borough.....	Gloucester.....	325	.....	.....
East Rutherford borough.....	Bergen.....	4,275	2,640	.....	Neptune City borough.....	Monmouth.....	488	1,009	.....
Edgewater borough.....	Bergen.....	2,655	1,006	.....	Netcong borough.....	Morris.....	1,532	941	.....
Egg Harbor city.....	Atlantic.....	2,181	1,808	1,439	New Brunswick city.....	Middlesex.....	23,388	20,006	18,603
Elizabeth city.....	Union.....	73,409	52,130	37,764	New Providence borough.....	Union.....	873	565	.....
Elmer borough.....	Salem.....	1,167	1,140	842	Newark city.....	Essex.....	347,469	246,070	181,830
Emerson borough.....	Bergen.....	767	.....	.....	Newton town.....	Sussex.....	4,467	4,376	3,003
Englewood city.....	Bergen.....	9,924	6,253	.....	North Arlington borough.....	Bergen.....	437	290	.....
Englewood Cliffs borough.....	Bergen.....	410	218	.....	North Caldwell borough.....	Essex.....	595	297	.....
Englishtown borough.....	Monmouth.....	468	410	444	North Haledon borough.....	Passaic.....	749	.....	.....
Essex Fells borough.....	Essex.....	442	.....	.....	North Plainfield borough.....	Somerset.....	6,117	5,009	.....
Fairview borough.....	Bergen.....	2,441	1,003	.....	North Wildwood borough.....	Cape May.....	833	161	161
Fanwood borough.....	Union.....	471	399	.....	Northfield city.....	Atlantic.....	866	.....	.....
Farmingdale borough.....	Monmouth.....	416	.....	.....	Norwood borough.....	Bergen.....	564	.....	.....
Fieldsboro borough.....	Burlington.....	480	459	.....	Nutley town.....	Essex.....	6,009	.....	.....
Flamington village.....	Hunterdon.....	2,693	2,145	1,977	Oakland borough.....	Bergen.....	568	.....	.....
Florham Park borough.....	Morris.....	558	752	.....	Oaklyn borough.....	Camden.....	653	.....	.....
Folsom borough.....	Atlantic.....	232	.....	.....	Ocean City.....	Cape May.....	1,950	1,307	452
Fort Lee borough.....	Bergen.....	4,472	.....	.....	Old Tappan borough.....	Bergen.....	305	269	.....
Freehold town.....	Monmouth.....	3,233	2,934	2,932	Orange city.....	Essex.....	29,630	24,141	18,844
Frenchtown borough.....	Hunterdon.....	984	1,020	1,023	Palisades Park borough.....	Bergen.....	1,411	644	.....
Garfield borough.....	Bergen.....	10,213	3,504	1,028	Park Ridge borough.....	Bergen.....	1,401	870	.....
Garwood borough.....	Union.....	1,118	.....	.....	Passaic city.....	Passaic.....	54,773	27,777	13,028
Glen Ridge borough.....	Essex.....	3,260	1,960	.....	Paterson city.....	Passaic.....	125,600	105,171	78,347
Glen Rock borough.....	Bergen.....	1,055	613	.....	Paulsboro borough.....	Gloucester.....	2,121	.....	.....
Gloucester city.....	Camden.....	9,462	6,840	6,564	Pemberton borough.....	Burlington.....	797	771	834
Guttenberg town.....	Hudson.....	5,647	3,825	1,947	Pennington borough.....	Mercer.....	722	733	588
Hackensack town.....	Bergen.....	14,050	9,448	6,004					
Hackettstown town.....	Warren.....	2,715	2,474	2,417					
Haddon Heights borough.....	Camden.....	1,452	.....	.....					
Haddonfield borough.....	Camden.....	4,142	2,776	2,502					
Haledon borough.....	Passaic.....	2,560	.....	.....					



## SUPPLEMENT FOR NEW JERSEY.

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890—Continued.

CITY, TOWN, VILLAGE, OR BOROUGH.	County.	1910	1900	1890	CITY, TOWN, VILLAGE, OR BOROUGH.	County.	1910	1900	1890
Pennsgrove borough.....	Salem.....	2,118	1,826	.....	South River borough.....	Middlesex.....	4,772	2,792	1,796
Perth Amboy city.....	Middlesex.....	32,121	17,699	9,512	Spotswood borough.....	Middlesex.....	623	.....	.....
Phillipsburg town.....	Warren.....	13,903	10,052	8,644	Spring Lake borough.....	Monmouth.....	853	526	.....
Fitman borough.....	Gloucester.....	1,950	.....	.....	Stanhope borough.....	Sussex.....	1,031	.....	.....
Plainfield city.....	Union.....	20,550	15,369	11,267	Stockton borough.....	Hunterdon.....	605	590	.....
Pleasantville borough.....	Atlantic.....	4,390	2,182	.....	Summit city.....	Union.....	7,500	5,302	.....
Point Pleasant Beach borough.....	Ocean.....	1,003	746	.....	Surf City borough.....	Ocean.....	40	9	.....
Pompton Lakes borough.....	Passaic.....	1,060	847	.....	Sussex borough.....	Sussex.....	1,212	1,306	993
Port Republic city.....	Atlantic.....	405	.....	.....	Swedesboro borough.....	Gloucester.....	1,477	.....	.....
Princeton borough.....	Mercer.....	5,136	3,899	3,422	Tenafly borough.....	Bergen.....	2,756	1,746	1,046
Prospect Park borough.....	Passaic.....	2,719	.....	.....	Totowa borough.....	Passaic.....	1,130	562	.....
Rahway city.....	Union.....	9,337	7,935	7,105	Trenton city.....	Mercer.....	96,815	73,307	57,458
Ramsey borough.....	Bergen.....	1,667	.....	.....	Tuckerton borough.....	Ocean.....	1,268	.....	.....
Raritan town.....	Somerset.....	3,672	3,244	2,556	Union town.....	Hudson.....	21,023	15,187	10,643
Red Bank borough.....	Monmouth.....	7,398	5,428	4,145	Upper Saddle River borough.....	Bergen.....	273	326	.....
Ridgefield borough.....	Bergen.....	966	534	.....	Ventnor city.....	Atlantic.....	491	.....	.....
Ridgewood village.....	Bergen.....	5,416	2,685	1,047	Verona borough.....	Essex.....	1,675	.....	.....
Riverside borough.....	Bergen.....	736	561	.....	Vineland borough.....	Cumberland.....	5,282	4,370	3,822
Riverton borough.....	Burlington.....	1,788	1,332	1,075	Wallington borough.....	Bergen.....	3,448	1,812	.....
Rockaway borough.....	Morris.....	1,902	1,483	.....	Washington borough.....	Warren.....	3,567	3,580	2,834
Rocky Hill borough.....	Somerset.....	502	354	.....	Wenonah borough.....	Gloucester.....	645	498	383
Roosevelt borough.....	Middlesex.....	5,786	.....	.....	West Caldwell borough.....	Essex.....	494	.....	.....
Roseland borough.....	Essex.....	486	.....	.....	West Cape May borough.....	Cape May.....	844	696	757
Roselle borough.....	Somerset.....	2,725	1,652	996	West Hoboken town.....	Hudson.....	35,403	23,094	.....
Roselle Park borough.....	Union.....	3,138	.....	.....	West Long Branch borough.....	Monmouth.....	879	.....	.....
Rumson borough.....	Monmouth.....	1,449	.....	.....	West New York town.....	Hudson.....	13,560	5,267	.....
Rutherford borough.....	Bergen.....	7,045	4,411	2,293	West Orange town.....	Essex.....	10,980	6,889	.....
Saddle River borough.....	Bergen.....	483	415	.....	Westfield town.....	Union.....	6,420	.....	.....
Salem city.....	Salem.....	6,614	5,811	5,516	Westwood borough.....	Bergen.....	1,870	828	.....
Sea Isle City.....	Cape May.....	551	340	766	Wharton borough.....	Morris.....	2,983	2,069	.....
Seabright borough.....	Monmouth.....	1,220	1,198	.....	Wildwood borough.....	Cape May.....	898	150	.....
Seaside Park borough.....	Ocean.....	101	73	.....	Wildwood Crest borough.....	Cape May.....	103	.....	.....
Seaucus borough.....	Hudson.....	4,740	1,626	.....	Woodbine borough.....	Cape May.....	2,399	.....	.....
Somers Point city.....	Atlantic.....	604	308	191	Woodbury city.....	Gloucester.....	4,642	4,087	3,911
Somerville borough.....	Somerset.....	5,060	4,843	3,861	Woodcliff borough.....	Bergen.....	470	329	.....
South Amboy city.....	Middlesex.....	7,007	6,349	4,330	Woodlyne borough.....	Camden.....	500	.....	.....
South Bound Brook borough.....	Somerset.....	1,024	883	801	Woodridge borough.....	Bergen.....	1,043	582	575
South Cape May borough.....	Cape May.....	7	14	.....	Woodstown borough.....	Salem.....	1,613	1,371	1,516
South Orange village.....	Essex.....	6,014	4,608	3,106					

## CHAPTER 2.

### COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

**Introduction.**—The first chapter having given the number of inhabitants of New Jersey by counties and minor civil divisions, the decennial increase and the density of population, and the proportions urban and rural, the present chapter deals with the composition and characteristics of the population. The two chapters cover all the principal topics of the population census except occupations and ownership of homes.

**Description of the tables.**—The greater part of this chapter consists of five general tables, which present statistics of color, nativity, parentage, sex, citizenship, illiteracy, school attendance, and dwellings and families, as follows: Table I for the state and counties; Table II for cities of more than 25,000 inhabitants; Table III for places of 10,000 to 25,000; Table IV for places of 2,500 to 10,000; and Table V for wards of cities of more than 50,000.

A series of summary tables (numbered 1 to 16) reproduces from the general tables the more important state and city totals, and presents also certain additional data relative to state of birth, age, and marital condition.

On account of the wide differences in characteristics among the different classes of the population, the statistics on each subject are shown according to race, and for the whites according to nativity and parentage. Classification according to nativity and parentage is scarcely necessary for the other races, since nearly all negroes and Indians are native born of native parentage, and nearly all Chinese and Japanese either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in some of the tables; in a few cases all three native white classes are combined.

Since marked differences often exist between urban and rural communities with respect to the composition and characteristics of the population, the two classes are distinguished in connection with several of the subjects. Urban population, as defined by the Bureau of the Census, includes that of all incorporated places of 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had attended any kind of school at any time between September 1, 1909, and the date of enumeration, April 15, 1910.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read.

**Color and nativity (Table 1).**—Of the total population of New Jersey, 1,009,909, or 39.8 per cent, are native whites of native parentage; 777,797, or 30.7 per cent, are native whites of foreign or mixed parentage; 658,188, or 25.9 per cent, are foreign-born whites; and 89,760, or 3.5 per cent, are negroes. The corresponding percentages in 1900 were 43.8, 29.5, 22.8, and 3.7, respectively, the proportion of foreign-born whites having increased during the decade. By counties the proportion of foreign-born whites ranges from 6.1 per cent in Salem County to 39.3 per cent in Passaic, and the proportion of native whites of foreign or mixed parentage from 8.1 per cent in Salem to 41.4 per cent in Hudson County. (See maps on page 605.)

Of the urban population, 33.6 per cent are native whites of native parentage; of the rural, 58.7 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 34.1 and 20.1 per cent, respectively. The percentage of foreign-born whites is 28.8 in the urban population and 17.3 in the rural; the percentage of negroes is 3.4 in the urban and 3.9 in the rural.

**Sex (Tables 2 and 13).**—In the total population of the state there are 1,286,463 males and 1,250,704 females, or 102.9 males to 100 females. In 1900 the sexes were nearly equal. Among native whites the ratio of males to females is 98 to 100 and among foreign-born whites 118.2 to 100. In the urban population there are 101 males to 100 females, and in the rural, 108.8.

**State of birth (Tables 3 and 4).**—Of the total native population—that is, population born in the United States—71.6 per cent were born in New Jersey and 28.4 per cent outside the state; of the native white population, 26.9 per cent were born outside the state, and of the native negro, 58.1 per cent. Persons born outside the state constitute a larger proportion of the native population in urban than in rural communities.

**Foreign nationalities (Tables 5 and 12).**—Of the foreign-born white population of New Jersey, persons born in Germany represent 18.7 per cent; Italy, 17.5;

Russia, 14.2; Ireland, 12.6; Austria, 8.6; England, 7.6; Hungary, 7.2; Scotland, 2.7; Holland, 1.9; Sweden, 1.6; all other countries, 7.1 per cent. Of the total white stock of foreign origin, which includes persons born abroad and also natives having one or both parents born abroad, Germany contributed 23.2 per cent; Ireland, 18.1; Italy, 13.4; Russia, 10.2; England, 8.5; Austria, 6.1; Hungary, 4.8; Scotland, 2.7; Holland, 1.9; Canada, 1.4; Sweden, 1.3 per cent.

**Voting and militia ages** (Table 6).—The total number of males 21 years of age and over is 774,702, representing 30.5 per cent of the population. Of such males, 36.3 per cent are native whites of native parentage, 19.9 per cent native whites of foreign or mixed parentage, 40 per cent foreign-born whites, and 3.7 per cent negroes. Of the 309,648 foreign-born white males of voting age, 128,438, or 41.5 per cent, are naturalized. Males of militia age—18 to 44—number 597,513.

**Age** (Tables 7, 8, and 14).—Of the total population, 10.5 per cent are under 5 years of age, 18.5 per cent from 5 to 14 years, inclusive, 19.2 per cent from 15 to 24, 32.1 per cent from 25 to 44, and 19.4 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 6.3 per cent of this class being under 15 years of age, while more than three-fourths (75.6 per cent) are 25 years of age and over. Of the native whites of foreign or mixed parentage, 34.2 per cent are 25 and over, and of the native whites of native parentage, 49 per cent.

The urban population shows a somewhat larger proportion of persons in the prime of life than the rural, and a smaller proportion in the advanced ages. Migration to the city explains this at least in part. Of the urban population, 32.9 per cent are from 25 to 44 years of age, inclusive, and of the rural population, 30 per cent.

**School attendance** (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 708,525, of whom 440,903, or 62.2 per cent, attended school. In addition to these, 21,433 children under 6 and 6,936 persons 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 62.9; for girls, 61.6. For children from 6 to 14 years, inclusive, the percentage attending school was 88.6. The percentage for children of this age among native whites of native parentage was 89.6; among native whites of foreign or mixed parentage, 88.7; among negroes, 85.7; and among foreign-born whites, 83.8. (See Table I.) There is little difference between urban and rural communities as regards the percentage attending school for children of that age; for persons from 15 to 20 the percentage is 22.4 in the urban population and 27.9 in the rural.

**Illiteracy** (Table 10).—There are 113,502 illiterates in the state, representing 5.6 per cent of the total population 10 years of age and over, as compared with

5.9 per cent in 1900. The percentage of illiteracy is 14.7 among foreign-born whites, 9.9 among negroes, and 0.9 among native whites.

For all classes combined, the percentage of illiterates is 5.8 in urban communities and 5 in rural. For each class separately, however, the percentage of illiteracy in the rural population exceeds that in the urban.

For persons from 10 to 20 years of age, inclusive, whose literacy depends largely upon present school facilities and school attendance, the percentage of illiteracy is 2.4. (See Table I.)

**Marital condition** (Tables 11 and 15).—In the population 15 years of age and over, 37.9 per cent of the males are single and 31.6 per cent of the females. The percentage married is 57.3 for both males and females, and the percentage widowed 4.4 and 10.7, respectively. The percentages of those reported as divorced, 0.2 for both sexes, are believed to be too small, because of the probability that many divorced persons class themselves as single or widowed.

That the percentage single is so much smaller for women than for men is due largely to the fact that women marry younger. Thus 6.8 per cent of the females from 15 to 19 years of age are married, as compared with 0.7 per cent of the males, and 44.3 per cent of the females from 20 to 24 years of age are married, as compared with 21.5 per cent of the males. In the next age group, 25 to 34 years, the difference is not so great, the percentages being 73.2 for females and 63.7 for males, while in the next two age groups the percentage married is higher among the males. That there is a larger proportion of widows than of widowers may indicate that men more often remarry than women, but, since husbands are generally older than their wives, the marriage relationship is more often broken by death of the husband than by death of the wife.

For the main elements of the population the percentages of married persons among those 15 years of age and over are as follows: Foreign-born whites, 65.4 for males and 67.1 for females; native whites of native parentage, 56.9 and 55.3, respectively; native whites of foreign or mixed parentage, 44.9 and 48.2; negroes, 56.8 and 55.2.

These percentages by no means indicate the relative tendency of the several classes as regards marriage. To determine that, the comparison should be made by age periods, since the proportion married in any class is determined largely by the proportion who have reached the marrying age. Similarly, the proportion widowed depends largely on the proportion past middle life. The percentage married, for males and for females, is higher in rural than in urban communities.

**Dwellings and families**.—The total number of dwellings in New Jersey is 407,295, and the total number of families 558,202, there being 137.1 families to each 100 dwellings. (See Table I.) The average number of persons per dwelling is 6.2, and the average number per family, 4.5.

TABLE 1.—COLOR, NATIVITY, AND PARENTAGE.

CLASS OF POPULATION.	NUMBER.			PER CENT OF TOTAL.		
	1910	1900	1890	1910	1900	1890
<b>THE STATE.</b>						
<b>Total population</b> .....	<b>2,537,167</b>	<b>1,883,669</b>	<b>1,444,933</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	2,445,894	1,812,317	1,396,581	96.4	96.2	96.7
Negro.....	89,760	69,844	47,638	3.5	3.7	3.3
Indian.....	168	63	84	(1)	(1)	(1)
Chinese.....	1,139	1,393	608	(1)	0.1	(1)
Japanese.....	206	52	22	(1)	(1)	(1)
Total native.....	1,876,379	1,451,785	1,115,958	74.0	77.1	77.2
Total foreign born.....	660,788	431,884	328,975	26.0	22.9	22.8
<b>URBAN POPULATION.</b>						
<b>Total</b> .....	<b>1,907,210</b>	<b>1,329,162</b>	<b>876,638</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	1,840,560	1,281,717	851,016	96.5	96.4	97.1
Negro.....	65,427	46,128	25,043	3.4	3.5	2.9
Indian, Chinese, and Japanese.....	1,223	1,317	579	0.1	0.1	0.1
Total native.....	1,291,286	931,337	606,748	67.7	70.1	69.2
Total foreign born.....	615,924	397,825	269,890	32.3	29.9	30.8
Native parentage.....	488,502	459,959	280,106	25.6	34.6	32.0
Foreign parentage.....	102,822	137,866	89,784	5.3	10.3	8.8
Mixed parentage.....	19,599	20,000	11,000	1.0	1.5	1.2
Foreign-born white.....	549,274	350,380	244,268	28.8	26.4	27.9
<b>RURAL POPULATION.</b>						
<b>Total</b> .....	<b>629,957</b>	<b>554,507</b>	<b>568,295</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White.....	605,334	530,600	545,565	96.1	95.7	96.0
Negro.....	24,333	23,716	22,595	3.9	4.3	4.0
Indian, Chinese, and Japanese.....	290	191	135	(1)	(1)	(1)
Total native.....	496,420	450,930	461,848	78.8	81.3	81.3
Total foreign born.....	369,947	354,595	370,076	58.7	63.9	65.1
Native parentage.....	37,509	96,335	91,772	5.9	17.4	16.1
Foreign parentage.....	38,904	46,000	48,000	6.2	13.0	12.9
Mixed parentage.....	8,594	9,330	9,772	1.3	2.6	2.6
Foreign-born white.....	38,904	79,670	83,717	6.2	14.4	14.7

<sup>1</sup> Less than one-tenth of 1 per cent.

TABLE 2.—SEX, FOR THE STATE.

[See also Tables 7 and 8.]

CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
<b>THE STATE.</b>						
<b>Total population</b> .....	<b>1,286,463</b>	<b>1,250,704</b>	<b>102.9</b>	<b>941,760</b>	<b>941,909</b>	<b>100.0</b>
White.....	1,241,482	1,204,412	103.1	906,543	905,774	100.1
Negro.....	43,602	46,158	94.5	33,745	36,099	93.5
Indian, Chinese, and Japanese.....	1,379	134	1,029.1	1,472	36	(1)
Total native.....	884,946	902,760	98.0	683,427	698,840	97.8
Total foreign born.....	502,171	507,738	98.9	409,430	416,543	98.3
Native parentage.....	284,257	291,754	97.4	199,084	203,809	97.7
Foreign parentage.....	98,518	103,268	95.4	74,913	78,488	95.4
Mixed parentage.....	35,436	36,716	96.5	35,533	38,246	95.6
Foreign-born white.....	356,536	301,652	118.2	223,116	206,934	107.8
Urban population.....	958,192	949,018	101.0	656,634	672,528	97.6
Rural population.....	328,271	301,686	108.8	285,126	269,381	105.8

<sup>1</sup> Ratio not shown, the number of females being less than 100.

TABLE 3.—NATIVE POPULATION, DISTINGUISHED AS BORN IN STATE OR OUTSIDE STATE.

CLASS OF POPULATION.	1910	1900	1890	Urban:	
				1910	1910
<b>Total native population</b> .....	<b>1,876,379</b>	<b>1,451,785</b>	<b>1,115,958</b>	<b>1,355,674</b>	<b>520,705</b>
Born in state.....	1,344,164	1,064,399	857,547	955,339	388,825
Born outside state <sup>1</sup> .....	532,215	387,386	258,411	400,335	131,880
Per cent outside state.....	28.4	26.7	23.2	29.5	25.3
<b>Native white population.</b>					
Born in state.....	1,787,706	1,382,267	1,068,596	1,291,286	496,420
Born outside state.....	1,307,096	1,032,729	830,673	931,803	375,293
Born outside state <sup>1</sup> .....	480,610	349,538	237,923	359,483	121,127
Per cent outside state.....	26.9	25.3	22.3	27.8	24.4
<b>Native negro population.</b>					
Born in state.....	88,273	69,385	47,362	64,143	24,130
Born outside state.....	37,017	31,663	26,874	23,502	13,515
Born outside state <sup>1</sup> .....	151,256	37,722	20,488	40,641	10,615
Per cent outside state.....	58.1	54.4	43.3	63.4	44.0

<sup>1</sup> Includes persons born in United States, state not specified; persons born in outlying possessions, or at sea under United States flag; and American citizens born abroad.

TABLE 4.—STATE OR DIVISION OF BIRTH.

PLACE OF BIRTH.	NUMBER.		PER CENT OF TOTAL.	
	1910	1900	1910	1900
<b>Total native</b> .....	<b>1,876,379</b>	<b>1,451,785</b>	<b>100.0</b>	<b>100.0</b>
New Jersey.....	1,344,164	1,064,399	71.6	73.3
Other states.....	532,215	387,386	28.4	26.7
New York.....	252,769	193,431	13.5	13.3
Pennsylvania.....	133,477	95,024	7.1	6.5
Virginia.....	26,177	19,453	1.4	1.3
Maryland.....	15,545	10,412	0.8	0.7
Massachusetts.....	15,149	10,415	0.8	0.7
Connecticut.....	11,280	8,420	0.6	0.6
Delaware.....	8,423	6,729	0.4	0.5
Ohio.....	7,945	5,553	0.4	0.4
North Carolina.....	7,720	4,684	0.4	0.3
Illinois.....	5,702	3,707	0.3	0.3
Maine.....	3,297	2,450	0.2	0.2
Michigan.....	2,777	1,750	0.1	0.1
South Carolina.....	2,727	1,361	0.1	0.1
Rhode Island.....	2,614	1,778	0.1	0.1
District of Columbia.....	2,589	1,702	0.1	0.1
All other <sup>1</sup> .....	34,024	20,427	1.8	1.4
<b>DIVISIONS.</b>				
New England.....	36,003	25,925	1.9	1.8
Middle Atlantic.....	1,730,410	1,352,854	92.2	93.2
East North Central.....	20,169	13,392	1.1	0.9
West North Central.....	5,643	3,585	0.3	0.2
South Atlantic.....	67,401	46,652	3.6	3.2
East South Central.....	3,855	2,222	0.2	0.2
West South Central.....	2,009	1,111	0.1	0.1
Mountain.....	1,946	517	0.1	( <sup>2</sup> )
Pacific.....	1,803	1,008	0.1	0.1
Other <sup>1</sup> .....	7,140	4,519	0.4	0.3

<sup>1</sup> Includes persons born in United States, state not specified; persons born in outlying possessions, or at sea under United States flag; and American citizens born abroad.

<sup>2</sup> Less than one-tenth of 1 per cent.

TABLE 5.—FOREIGN WHITE STOCK, BY NATIONALITY.

FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900
	Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
<b>All countries</b> .....	<b>1,435,985</b>	<b>100.0</b>	<b>658,188</b>	<b>100.0</b>	<b>576,011</b>	<b>201,786</b>	<b>430,550</b>
Austria.....	88,207	6.1	56,778	8.6	28,912	2,517	17,644
Belgium.....	2,868	0.2	1,867	0.3	665	336	1,197
Canada—French.....	2,775	0.2	1,203	0.2	623	949	1,105
Canada—Other.....	16,661	1.2	7,848	1.2	2,003	6,810	5,947
Cuba and other West Indies <sup>1</sup> .....	1,527	0.1	834	0.1	121	572	590
Denmark.....	9,667	0.7	5,056	0.8	3,350	1,261	3,897
England.....	122,041	8.5	50,297	7.6	30,893	40,851	45,397
Finland.....	2,258	0.2	1,639	0.2	575	44	367
France.....	13,036	0.9	6,237	0.9	3,373	3,426	5,541
Germany.....	333,636	23.2	122,880	18.7	149,858	60,898	121,406
Greece.....	1,882	0.1	1,575	0.2	208	99	115
Holland.....	27,503	1.9	12,698	1.9	11,058	3,747	10,261
Hungary.....	68,699	4.8	47,610	7.2	20,296	793	14,913
Ireland.....	260,492	18.1	82,749	12.6	123,964	53,779	94,829
Italy.....	191,849	13.4	115,444	17.5	71,466	4,939	41,862
Norway.....	8,352	0.6	5,351	0.8	2,256	745	2,296
Roumania.....	3,237	0.2	2,208	0.3	974	55	478
Russia.....	146,683	10.2	93,566	14.2	50,693	2,424	28,397
Scotland.....	38,091	2.7	17,504	2.7	10,120	10,467	14,209
Sweden.....	18,348	1.3	10,547	1.6	5,899	1,902	7,335
Switzerland.....	13,759	1.0	7,548	1.1	3,644	2,567	6,569
Turkey.....	3,618	0.3	2,785	0.4	756	77	636
Wales.....	3,283	0.2	1,201	0.2	790	1,292	1,194
All other.....	257,513	18.0	2,763	0.4	53,514	1,236	3,865

<sup>1</sup> Except Porto Rico.

<sup>2</sup> Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

TABLE 6.—MALES OF VOTING AND MILITIA AGES.

CLASS OF POPULATION.	MALES OF VOTING AGE—21 AND OVER.				MALES OF MILITIA AGE—18 TO 44.	
	Number.		Per cent.		1910	1900
	1910	1900	1910	1900		
<b>Total</b> .....	<b>774,702</b>	<b>555,608</b>	<b>100.0</b>	<b>100.0</b>	<b>597,513</b>	<b>422,758</b>
White.....	744,843	532,750	96.1	95.9	573,450	403,873
Negro.....	28,601	21,474	3.7	3.9	23,099	17,568
Indian, Chinese, and Japanese.....	1,258	1,384	0.2	0.2	964	1,227
Native white.....	435,195	336,152	56.2	60.5	345,257	270,879
Native parentage.....	281,269	224,644	36.3	40.4	205,016	160,562
Foreign or mixed par.....	153,926	111,508	19.9	20.1	140,241	110,317
Foreign-born white.....	309,648	196,598	40.0	35.4	228,193	132,994

SUPPLEMENT FOR NEW JERSEY.

TABLE 7.—AGE, FOR THE STATE.

AGE PERIOD.	TOTAL POPULATION.				NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		INDIAN, CHINESE, AND JAPANESE.			
	1910	1900	Male.	Female.	Native parentage.		Foreign or mixed parentage.		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
					Male.	Female.	Male.	Female.								
All ages, number.....	2,537,167	1,883,669	1,286,463	1,250,704	502,171	507,738	382,775	395,022	356,536	301,652	43,602	46,158	1,379	134		
Under 5 years.....	266,942	206,446	134,899	132,043	57,979	56,437	70,320	68,899	2,694	2,666	3,897	4,025	9	16		
Under 1 year.....	56,198	43,571	28,467	27,731	11,672	11,389	15,727	15,355	182	140	886	843		4		
5 to 9 years.....	242,279	196,725	121,915	120,364	54,292	53,136	56,042	55,538	8,053	7,927	3,514	3,747	14	16		
10 to 14 years.....	228,695	174,347	114,881	113,814	50,574	50,133	50,855	50,335	10,071	9,814	3,360	3,518	21	14		
15 to 19 years.....	236,541	166,746	115,644	120,897	49,035	49,309	44,413	46,040	18,673	21,574	3,475	3,953	48	21		
20 to 24 years.....	250,613	178,228	125,183	125,430	45,307	47,491	33,202	35,856	42,026	36,460	4,513	5,611	135	12		
25 to 29 years.....	236,172	176,408	121,720	114,452	40,161	42,022	26,180	28,690	50,245	38,101	4,952	5,623	182	16		
30 to 34 years.....	213,082	158,858	111,017	102,065	36,777	37,325	23,742	25,948	45,875	34,146	4,423	4,635	200	11		
35 to 39 years.....	199,647	144,124	103,694	95,953	34,740	34,371	22,573	24,570	41,727	32,718	4,413	4,282	241	12		
40 to 44 years.....	166,638	117,887	87,944	78,694	28,844	28,303	17,895	18,754	37,700	28,614	3,319	3,020	186	3		
45 to 49 years.....	136,295	92,115	71,280	65,015	24,487	24,138	14,205	15,080	30,020	23,458	2,407	2,333	161	6		
50 to 54 years.....	112,003	78,915	57,933	54,070	22,198	22,297	11,154	11,680	22,562	18,313	1,916	1,776	103	4		
55 to 59 years.....	75,730	60,248	38,249	37,400	16,717	16,998	5,769	6,027	14,649	13,269	1,064	1,194	50	2		
60 to 64 years.....	62,678	49,226	30,503	32,175	14,142	15,091	2,967	3,447	12,526	12,747	851	890	17			
65 to 74 years.....	77,141	57,141	36,938	40,203	18,760	20,554	2,682	3,187	14,456	15,477	1,034	985	6			
75 to 84 years.....	25,844	19,644	11,416	14,428	6,197	7,974	563	730	4,980	5,369	275	355	1			
85 to 94 years.....	3,903	2,718	1,563	2,340	908	1,454	76	85	528	725	51	75				
95 years and over.....	199	114	60	139	26	70	2	5	22	41	10	23				
Age unknown.....	2,756	3,779	1,624	1,132	1,027	635	135	151	329	233	128	113	5			
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	11.0	10.5	10.6	11.5	11.1	18.4	17.4	0.8	0.9	8.9	8.7	0.7	11.9		
5 to 9 years.....	9.5	10.4	9.5	9.6	10.8	10.5	14.6	14.1	2.3	2.6	8.1	8.1	1.0	11.9		
10 to 14 years.....	9.0	9.3	8.9	9.1	10.1	9.9	13.3	12.7	2.8	3.3	7.7	7.6	1.5	10.4		
15 to 19 years.....	9.3	8.9	9.0	9.7	9.8	9.7	11.6	11.7	5.2	7.2	8.0	8.6	3.5	15.7		
20 to 24 years.....	9.9	9.5	9.7	10.0	9.0	9.4	8.7	9.1	11.8	12.1	10.4	12.2	9.8	9.0		
25 to 34 years.....	17.7	17.8	18.1	17.3	15.3	15.6	13.0	13.8	27.0	24.0	21.5	22.2	27.7	20.1		
35 to 44 years.....	14.4	13.9	14.9	14.0	12.7	12.3	10.6	11.0	22.3	20.3	17.7	15.8	31.0	11.2		
45 to 64 years.....	15.2	14.9	15.4	15.1	15.4	15.5	8.9	9.2	22.4	22.5	14.3	13.4	24.0	9.0		
65 years and over.....	4.2	4.2	3.9	4.6	5.2	5.9	0.9	1.0	5.4	7.2	3.1	3.1	0.5	0.7		

TABLE 8.—AGE, FOR URBAN AND RURAL POPULATION.

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.				NEGRO.			
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages, number.....	958,192	328,271	949,018	301,686	633,423	251,523	657,863	244,397	292,845	63,691	256,429	45,223	30,782	12,820	34,645	11,513
Under 5 years.....	103,430	31,460	101,274	30,769	98,413	29,886	96,192	29,144	2,318	376	2,300	366	2,702	1,195	2,772	1,253
Under 1 year.....	22,117	6,350	21,557	6,174	21,354	6,045	20,847	5,897	152	30	123	17	611	275	585	268
5 to 9 years.....	91,504	30,411	91,016	29,348	82,230	28,104	81,640	27,028	6,885	1,168	6,817	1,110	2,384	1,130	2,542	1,205
10 to 14 years.....	85,231	29,650	86,012	27,802	74,498	26,931	75,178	25,290	8,516	1,555	8,397	1,417	2,206	1,154	2,431	1,087
15 to 19 years.....	86,124	29,520	94,004	26,893	68,790	24,658	72,013	23,336	15,128	3,545	19,052	2,522	2,182	1,293	2,930	1,023
20 to 24 years.....	95,496	29,687	99,763	25,687	57,931	20,578	63,472	19,875	34,428	7,598	31,907	4,553	3,032	1,481	4,375	1,236
25 to 34 years.....	180,021	52,716	169,034	47,483	92,707	34,153	98,944	35,041	79,967	16,153	61,875	10,372	7,033	2,342	8,195	2,063
35 to 44 years.....	144,430	47,208	133,194	41,453	72,798	31,254	75,653	30,345	65,346	14,081	51,754	9,578	5,911	1,821	5,777	1,525
45 to 64 years.....	139,878	58,087	136,367	52,353	70,268	41,371	75,034	39,724	64,844	14,913	56,754	11,033	4,473	1,765	4,603	1,590
65 years and over.....	30,755	19,222	37,418	10,692	14,849	14,365	19,123	14,936	15,142	4,244	17,375	4,237	758	612	920	518
Age unknown.....	1,314	310	906	226	939	223	608	178	271	58	108	35	101	27	100	13
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.8	9.6	10.7	10.2	15.5	11.9	14.6	11.9	0.8	0.6	0.9	0.8	8.8	9.3	8.0	10.9
5 to 9 years.....	9.5	9.3	9.6	9.7	13.0	11.2	12.4	11.0	2.4	1.8	2.7	2.5	7.7	8.3	7.3	10.5
10 to 14 years.....	8.9	9.0	9.1	9.2	11.8	10.7	11.4	10.3	2.9	2.4	3.3	3.3	7.2	9.0	7.0	9.4
15 to 19 years.....	9.0	9.0	9.9	8.9	10.9	9.8	10.9	9.5	5.2	5.6	7.4	5.6	7.1	10.1	8.5	8.9
20 to 24 years.....	10.0	9.0	10.5	8.5	9.1	8.2	9.6	8.1	11.8	11.9	11.8	9.8	11.6	12.0	10.7	10.7
25 to 34 years.....	18.8	16.1	17.8	15.7	14.6	13.6	15.0	14.3	27.3	25.4	24.1	22.9	22.8	18.3	23.7	17.9
35 to 44 years.....	15.1	14.4	14.0	13.7	11.5	12.4	11.5	12.4	22.3	22.1	20.2	21.2	19.2	14.2	16.7	13.2
45 to 64 years.....	14.6	17.7	14.4	17.4	11.1	16.4	11.4	16.2	22.1	23.4	22.1	24.4	14.5	13.8	13.3	13.8
65 years and over.....	3.2	5.0	3.9	6.5	2.3	5.7	2.9	6.1	5.2	6.7	6.8	9.4	2.5	4.8	2.7	4.5

TABLE 9.—SCHOOL ATTENDANCE.

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.				NEGRO.				
	Number.	Attending school.		Number.	Attending school.		Foreign or mixed parentage.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.	Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
THE STATE.																	
6 to 20 years, inclusive.....	708,525	440,903	62.2	302,995	204,166	67.4	294,673	191,544	65.0	88,869	32,242	36.3	21,832	12,892	59.1		
Male.....	351,513	221,095	62.9	151,664	101,876	67.2	146,470	96,261	65.7	42,992	16,635	38.8	10,368	6,284	60.6		
Female.....	357,012	219,808	61.6	151,331	102,290	67.6	148,203	95,283	64.3	45,967	15,607	34.0	11,464	6,608	57.6		
6 to 9 years.....	191,940	162,920	84.9	85,020	72,709	85.5	87,675	74,580	85.1	13,502	10,992	81.4	5,722	4,626	80.8		
10 to 14 years.....	228,695	209,840	91.8	100,707	93,660	93.0	101,190	93,006	91.9	19,885	16,980	85.4	6,878	6,170	89.7		
15 to 17 years.....	137,812	54,539	39.6	59,442	29,752	50.1	56,430	19,880	35.2	17,808	3,200	18.0	4,091	1,744	42.5		
18 to 20 years.....	150,078	13,554	9.0	57,826	8,045	13.9	49,378	4,078	8.3	37,674	1,070	2.8	5,141	352	6.8		
Under 6 years.....		21,433			9,220			10,631			993			586			
21 years and over.....		6,936			3,247			1,743			1,766			170			
Total attending school.....																	

STATISTICS OF POPULATION.

TABLE 10.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER.

CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.		CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
THE STATE.													
Total illiterate, 1910.....	113,502	5.6	57,047	5.5	56,455	5.7	Total illiterate, 1910.....	87,980	5.8	42,072	5.5	45,908	6.1
Native white.....	12,253	0.9	6,479	1.0	5,774	0.9	Native white.....	5,578	0.6	2,656	0.6	2,922	0.6
Native parentage.....	8,562	1.1	4,742	1.2	3,820	1.0	Native parentage.....	2,831	0.6	1,434	0.6	1,397	0.6
Foreign or mixed parentage.....	3,691	0.7	1,737	0.7	1,954	0.7	Foreign or mixed parentage.....	2,747	0.6	1,222	0.6	1,525	0.7
Foreign-born white.....	93,551	14.7	46,997	13.6	46,554	16.0	Foreign-born white.....	77,338	14.6	37,266	13.1	40,072	16.2
Negro.....	7,405	9.9	3,296	9.1	4,109	10.7	Negro.....	4,823	8.8	1,914	7.4	2,909	9.9
URBAN POPULATION.													
Total illiterate, 1910.....	86,658	5.9	42,625	5.8	44,033	5.9	Total illiterate, 1910.....	25,522	5.0	14,975	5.6	10,547	4.4
Native white.....	17,031	1.7	9,282	1.9	7,749	1.5	Native white.....	6,675	1.7	3,823	2.0	2,852	1.5
Native parentage.....	13,511	2.1	7,488	2.4	6,023	1.9	Native parentage.....	5,731	1.9	3,308	2.2	2,423	1.7
Foreign or mixed parentage.....	3,520	1.0	1,794	1.0	1,726	0.9	Foreign or mixed parentage.....	944	1.1	515	1.2	429	1.0
Foreign-born white.....	59,307	14.1	28,501	13.0	30,806	15.2	Foreign-born white.....	16,213	15.3	9,731	15.7	6,482	14.8
Negro.....	9,882	17.2	4,404	15.9	5,478	18.3	Negro.....	2,582	13.2	1,382	13.2	1,200	13.3
RURAL POPULATION.													
Total illiterate, 1910.....	86,658	5.9	42,625	5.8	44,033	5.9	Total illiterate, 1910.....	25,522	5.0	14,975	5.6	10,547	4.4
Native white.....	17,031	1.7	9,282	1.9	7,749	1.5	Native white.....	6,675	1.7	3,823	2.0	2,852	1.5
Native parentage.....	13,511	2.1	7,488	2.4	6,023	1.9	Native parentage.....	5,731	1.9	3,308	2.2	2,423	1.7
Foreign or mixed parentage.....	3,520	1.0	1,794	1.0	1,726	0.9	Foreign or mixed parentage.....	944	1.1	515	1.2	429	1.0
Foreign-born white.....	59,307	14.1	28,501	13.0	30,806	15.2	Foreign-born white.....	16,213	15.3	9,731	15.7	6,482	14.8
Negro.....	9,882	17.2	4,404	15.9	5,478	18.3	Negro.....	2,582	13.2	1,382	13.2	1,200	13.3

TABLE 11.—MARITAL CONDITION OF PERSONS 15 YEARS OF AGE AND OVER.

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.							
	Total. <sup>1</sup>	Single.		Married.		Wid-owed.	Di-voiced.	Total. <sup>1</sup>	Single.		Married.		Wid-owed.	Di-voiced.
		Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.		
THE STATE.														
Total, 1910.....	914,768	346,544	37.9	524,166	57.3	39,812	1,552	884,483	279,432	31.6	506,985	57.3	94,289	1,884
Total, 1900.....	652,435	249,490	38.2	399,790	56.7	30,436	755	653,716	211,427	32.5	364,239	55.7	75,854	1,167
15 to 19 years.....	115,644	114,353	98.9	754	0.7	15	1	120,897	112,011	92.6	8,205	6.8	69	15
20 to 24 years.....	125,183	97,454	77.8	26,922	21.5	261	42	125,430	68,725	54.8	55,511	44.3	668	120
25 to 34 years.....	232,737	81,342	35.0	148,167	63.7	2,446	319	216,517	52,067	24.0	158,487	73.2	5,114	563
35 to 44 years.....	191,638	30,401	15.9	154,977	80.9	5,510	487	174,647	22,929	13.1	138,565	79.3	12,408	592
45 years and over.....	247,942	22,553	9.1	192,917	77.8	31,501	698	245,860	23,371	9.5	145,826	59.3	75,809	591
Age unknown.....	1,624	441	27.2	429	26.4	79	5	1,132	329	29.1	391	34.5	161	3
Native white:														
Native parentage <sup>2</sup> .....	339,326	127,941	37.7	192,993	56.9	16,361	824	348,032	115,679	33.2	192,033	55.3	37,925	1,040
15 to 24 years.....	94,342	82,872	87.8	11,017	11.7	116	17	96,800	73,314	75.7	22,842	23.6	274	78
25 to 44 years.....	140,522	35,309	25.1	101,714	72.4	2,817	432	142,021	29,909	21.1	105,757	74.5	5,554	626
45 years and over.....	103,435	9,493	9.2	80,661	77.4	13,388	373	108,576	12,287	11.3	63,825	58.8	32,028	333
Foreign or mixed parentage <sup>2</sup> .....	205,558	106,680	51.9	92,299	44.9	5,779	296	220,250	98,627	44.8	106,193	48.2	14,492	401
15 to 24 years.....	77,615	71,905	92.6	5,309	6.8	67	12	81,896	67,195	82.0	14,120	17.2	169	33
25 to 44 years.....	90,390	30,029	33.2	58,190	64.4	1,878	162	97,902	26,013	26.6	67,168	68.6	4,388	266
45 years and over.....	37,418	4,698	12.6	28,749	76.8	3,823	121	40,241	5,334	13.3	24,877	61.8	9,907	102
Foreign-born white <sup>2</sup> .....														
15 to 24 years.....	335,718	98,895	29.5	219,719	65.4	15,882	343	281,245	54,789	19.5	188,853	67.1	36,757	334
25 to 44 years.....	60,699	50,281	82.8	9,989	16.5	86	8	58,034	33,872	58.4	23,640	40.7	199	18
45 years and over.....	175,547	41,120	23.4	131,303	74.8	2,647	161	133,579	15,719	11.8	111,846	83.7	5,726	181
Age unknown.....	99,143	7,403	7.5	78,306	79.0	13,152	172	89,399	5,146	5.8	53,261	59.6	30,790	135
Negro <sup>2</sup> .....														
15 to 24 years.....	32,831	12,228	37.2	18,649	56.8	1,775	88	34,868	10,302	29.5	19,256	55.2	5,112	109
25 to 44 years.....	7,988	6,580	82.4	1,347	16.9	27	6	9,564	6,328	66.2	3,108	32.5	95	6
45 years and over.....	17,107	4,772	27.9	11,653	68.1	608	50	17,560	3,348	19.1	12,246	69.7	1,854	82
Age unknown.....	7,608	844	11.1	5,594	73.5	1,129	32	7,631	603	7.9	3,854	50.5	3,141	21
URBAN POPULATION.														
Total.....	678,018	260,271	38.4	386,454	57.0	28,101	1,075	670,716	219,910	32.8	376,328	56.1	71,596	1,457
15 to 24 years.....	181,620	159,633	87.9	20,962	11.5	221	27	193,767	143,103	73.9	49,189	25.4	590	109
25 to 44 years.....	324,451	83,681	26.4	231,427	71.3	6,205	589	302,228	60,050	19.9	226,461	74.9	14,511	903
45 years and over.....	170,633	14,613	8.6	133,758	78.4	21,629	457	173,815	16,512	9.5	100,369	57.7	56,370	443
Age unknown.....	1,314	344	26.2	307	23.4	46	2	906	245	27.0	309	34.1	125	2
Native white—Native parentage.....														
Native white—Foreign or mixed par.....	207,995	82,177	39.5	115,275	55.4	9,132	496	219,422	79,066	36.0	115,398	52.6	23,756	735
Foreign-born white.....	170,287	89,712	52.7	75,267	44.2	4,670	233	185,425	85,021	45.9	87,298	47.1	12,296	348
Negro.....	275,126	79,331	28.8	181,737	66.1	13,065	277	238,915	47,649	19.9	159,090	66.6	31,458	282
Age unknown.....	23,490	8,372	35.6	13,755	58.6	1,224	68	26,900	8,155	30.3	14,510	53.9	4,083	92
RURAL POPULATION.														
Total.....	236,750	86,273	36.4	137,712	58.2	11,711	477	213,767	59,522	27.8	130,657	61.1	22,693	427
15 to 24 years.....	59,207	52,174	88.1	6,714	11.3	55	16	52,560	37,633	71.6	14,527	27.6	197	26
25 to 44 years.....	99,924	26,062	26.1	71,717	71.8	1,751	217	88,936	14,946	16.8	70,591	79.4	3,011	252
45 years and over.....	77,309	7,940	10.3	59,159	76.5	9,872	241	72,045	6,859	9.5	45,457	63.1	19,499	148
Age unknown.....	310	97	31.3	122	39.4	33	3	226	84	37.2	82	36.3	36	1
Native white—Native parentage.....														
Native white—Foreign or mixed par.....	131,331	45,764	34.8	77,718	59.2	7,229	328	128,610	36,613	28.5	77,235	60.1	14,169	305
Foreign-born white.....	35,271	16,968	48.1	17,032	48.3	1,109	63	34,825	13,006	39.1	15,895	54.3	2,196	53
Negro.....	60,592	19,564	32.3	37,982	62.7	2,817	66	42,330	7,140	16.9	29,763	70.3	5,299	52
Age unknown.....	9,341	3,856	41.3	4,894	52.4	551	20	7,968	2,147	26.9	4,746	59.6	1,029	17

<sup>1</sup> Total includes persons whose marital condition is unknown.

<sup>2</sup> Totals include persons of unknown age.

TABLE 12.—FOREIGN WHITE STOCK, BY NATIONALITY, FOR CITIES OF 100,000 OR MORE.

FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900	FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign born white population: 1900
	Total.		Foreign born.		Native.				Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.			Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
<b>JERSEY CITY.</b>															
All countries.....	186,798	100.0	77,697	100.0	83,327	25,774	58,161	Holland.....	500	0.3	243	0.3	120	137	145
Austria.....	7,733	4.1	4,178	6.4	2,526	229	1,580	Hungary.....	1,688	0.9	1,084	1.4	540	64	136
Belgium.....	259	0.1	173	0.2	34	52	144	Ireland.....	52,822	28.3	16,124	20.8	27,781	8,917	19,314
Canada—French.....	255	0.1	107	0.1	54	94	133	Italy.....	20,691	11.1	12,060	15.5	8,121	510	3,832
Canada—Other.....	2,170	1.2	998	1.3	287	885	898	Norway.....	2,133	1.1	1,360	1.8	609	164	647
Cuba and other West Indies <sup>1</sup> .....	189	0.1	92	0.1	13	84	68	Roumania.....	298	0.2	196	0.3	98	4	51
Denmark.....	677	0.4	346	0.4	213	118	319	Russia.....	21,881	11.7	13,667	17.6	7,926	288	3,337
England.....	11,636	6.2	4,626	6.0	2,968	4,042	4,637	Scotland.....	3,991	2.1	1,667	2.1	1,163	1,161	1,680
Finland.....	960	0.5	681	0.9	272	7	116	Sweden.....	2,285	1.2	1,280	1.6	758	247	897
France.....	1,376	0.7	595	0.8	425	356	648	Switzerland.....	1,070	0.6	553	0.7	255	262	442
Germany.....	45,932	24.6	16,131	20.8	21,929	7,872	17,837	Turkey.....	196	0.1	141	0.2	52	3	32
Greece.....	223	0.1	179	0.2	24	20	20	Wales.....	366	0.2	139	0.2	85	142	168
								All other.....	27,467	4.0	277	0.4	27,074	116	1,080

<b>NEWARK.</b>															
All countries.....	243,005	100.0	110,655	100.0	100,378	31,972	71,050	Holland.....	464	0.2	202	0.2	130	132	108
Austria.....	20,718	8.5	12,963	11.7	7,113	642	4,795	Hungary.....	9,007	3.7	6,029	5.4	2,794	184	1,325
Belgium.....	134	0.1	70	0.1	14	50	26	Ireland.....	36,137	14.9	11,225	10.1	17,630	7,282	12,791
Canada—French.....	478	0.2	199	0.2	99	180	157	Italy.....	35,861	14.8	20,493	18.5	14,488	880	5,535
Canada—Other.....	2,268	0.9	1,112	1.0	262	894	795	Norway.....	294	0.1	190	0.2	57	47	62
Cuba and other West Indies <sup>1</sup> .....	123	0.1	71	0.1	4	48	54	Roumania.....	1,717	0.7	1,160	1.0	541	16	205
Denmark.....	644	0.3	360	0.3	160	124	216	Russia.....	33,579	13.8	21,912	19.8	11,124	543	6,684
England.....	16,126	6.6	6,697	6.1	4,020	5,409	5,867	Scotland.....	5,220	2.1	2,545	2.3	1,219	1,456	1,760
Finland.....	105	(3)	68	0.1	33	4	42	Sweden.....	1,347	0.6	732	0.7	388	177	489
France.....	1,659	0.7	697	0.6	513	449	646	Switzerland.....	1,554	0.6	779	0.7	406	369	736
Germany.....	66,021	27.2	22,177	20.0	31,080	12,764	25,250	Turkey.....	224	0.1	175	0.2	49	23	91
Greece.....	358	0.1	297	0.3	45	16	37	Wales.....	330	0.1	106	0.1	77	147	23
								All other.....	28,637	3.6	346	0.3	28,132	159	391

<b>PATERSON.</b>															
All countries.....	95,577	100.0	45,398	100.0	37,157	13,022	38,666	Hungary.....	760	0.8	483	1.1	262	15	317
Austria.....	1,374	1.4	883	1.9	419	72	429	Ireland.....	14,908	15.6	4,971	10.9	6,798	3,139	6,714
Belgium.....	1,165	1.2	731	1.6	361	73	527	Italy.....	14,748	15.4	9,317	20.5	5,161	270	4,266
Canada—French.....	258	0.3	155	0.3	53	48	174	Russia.....	10,333	10.8	6,861	15.1	3,334	138	2,087
Canada—Other.....	657	0.7	332	0.7	84	241	385	Scotland.....	5,397	5.6	2,408	5.4	1,050	1,279	2,782
Cuba and other West Indies <sup>1</sup> .....	12,039	12.7	5,271	11.6	3,510	3,318	6,284	Sweden.....	354	0.4	176	0.4	136	42	235
Denmark.....	1,353	1.4	824	1.8	277	252	813	Switzerland.....	2,722	2.8	1,406	3.2	832	424	1,659
England.....	12,945	13.5	5,741	12.6	5,161	2,043	6,597	Turkey.....	469	0.5	388	0.9	79	2	104
Finland.....	133	0.1	101	0.2	27	5	8	Wales.....	158	0.2	51	0.1	52	55	73
France.....	11,077	11.6	4,929	10.9	4,625	1,523	4,893	All other.....	24,669	4.9	250	0.6	24,336	83	319

<sup>1</sup> Except Porto Rico.  
<sup>2</sup> Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.  
<sup>3</sup> Less than one-tenth of 1 per cent.

TABLE 13.—SEX, FOR CITIES OF 25,000 OR MORE.

[See also Table 14.]

CITY.	1910			1900			CITY.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.		Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
Atlantic City.....	22,997	23,153	99.3	13,844	13,994	98.9	Newark.....	173,389	174,080	99.6	121,027	125,043	96.8
Bayonne.....	29,527	26,018	113.5	16,930	15,792	107.2	Orange.....	14,466	15,164	95.4	11,454	12,687	90.3
Camden.....	47,396	47,142	100.5	37,154	38,781	95.8	Passaic.....	26,549	28,224	94.1	13,320	14,457	92.1
East Orange.....	15,287	19,084	80.1	9,445	12,061	78.3	Paterston.....	62,439	63,161	98.9	51,889	53,282	97.4
Elizabeth.....	37,971	35,438	107.1	26,459	25,671	103.1	Perth Amboy.....	17,359	14,762	117.6	9,825	7,874	124.8
Hoboken.....	36,675	33,649	109.0	30,009	29,355	102.2	Trenton.....	50,231	46,584	107.8	37,043	36,204	102.1
Jersey City.....	137,457	130,322	105.5	104,027	102,406	101.6	West Hoboken town.....	17,658	17,745	99.5	11,543	11,551	99.9

STATISTICS OF POPULATION.

TABLE 14.—AGE, FOR CITIES OF 25,000 OR MORE.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.	
	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.		Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.	Male.	Fe-male.
<b>Atlantic City..</b>	<b>22,997</b>	<b>23,153</b>	<b>14,649</b>	<b>15,182</b>	<b>3,425</b>	<b>2,975</b>	<b>4,851</b>	<b>4,983</b>	<b>Newark.....</b>	<b>173,389</b>	<b>174,080</b>	<b>110,566</b>	<b>116,521</b>	<b>58,114</b>	<b>52,541</b>	<b>4,477</b>	<b>4,998</b>
Under 5 years...	1,944	1,764	1,655	1,473	19	21	268	268	Under 5 years.....	19,240	19,181	18,302	18,257	510	474	428	447
Under 1 year....	391	361	335	303	.....	.....	56	58	Under 1 year.....	4,345	4,174	4,217	4,052	30	19	98	102
5 to 9 years.....	1,743	1,757	1,430	1,397	74	92	239	266	5 to 9 years.....	16,604	16,470	14,563	14,438	1,676	1,679	363	349
10 to 14 years....	1,575	1,646	1,240	1,288	104	86	231	272	10 to 14 years....	15,474	15,849	13,190	13,486	2,008	2,006	272	354
15 to 19 years....	1,701	1,738	1,263	1,305	161	143	277	290	15 to 19 years....	15,535	17,274	12,090	13,068	3,110	3,789	334	416
20 to 24 years....	2,383	2,508	1,387	1,531	436	338	555	637	20 to 24 years....	17,295	18,594	10,143	11,478	6,735	6,519	407	597
25 to 34 years....	5,069	5,191	2,647	2,913	972	773	1,427	1,500	25 to 34 years....	33,192	31,512	16,508	17,704	15,582	12,573	1,051	1,231
35 to 44 years....	4,242	4,073	2,314	2,350	785	698	1,119	1,119	35 to 44 years....	25,977	24,055	12,353	12,931	12,662	10,302	881	818
45 to 64 years....	3,584	3,598	2,284	2,349	658	626	1,023	1,023	45 to 64 years....	24,836	24,503	11,264	12,311	12,852	11,547	641	644
65 years and over	631	798	390	524	159	189	82	85	65 years and over..	4,920	6,401	1,881	2,658	2,947	3,615	88	128
Age unknown....	125	83	39	52	.....	.....	9	22	Age unknown....	316	241	272	190	32	37	12	14
<b>Bayonne.....</b>	<b>29,527</b>	<b>26,018</b>	<b>17,462</b>	<b>16,962</b>	<b>11,763</b>	<b>8,759</b>	<b>266</b>	<b>295</b>	<b>Orange.....</b>	<b>14,466</b>	<b>15,164</b>	<b>9,125</b>	<b>9,935</b>	<b>4,176</b>	<b>3,893</b>	<b>1,143</b>	<b>1,336</b>
Under 5 years....	3,922	3,833	3,778	3,706	105	86	38	41	Under 5 years.....	1,659	1,642	1,509	1,519	23	21	127	102
Under 1 year....	868	820	855	805	6	5	7	10	Under 1 year.....	333	334	310	309	3	1	20	24
5 to 9 years.....	3,213	3,160	2,903	2,841	289	290	20	28	5 to 9 years.....	1,465	1,456	1,292	1,291	71	61	102	104
10 to 14 years....	2,787	2,682	2,376	2,339	385	319	26	24	10 to 14 years....	1,272	1,336	1,066	1,133	103	92	103	111
15 to 19 years....	2,543	2,586	1,931	1,989	599	574	13	23	15 to 19 years....	1,317	1,407	1,002	1,082	235	229	70	96
20 to 24 years....	3,257	2,764	1,549	1,530	1,679	1,204	27	30	20 to 24 years....	1,417	1,536	825	962	483	410	107	164
25 to 34 years....	5,731	4,388	2,093	1,933	3,566	2,401	59	53	25 to 34 years....	2,621	2,773	1,308	1,494	1,057	954	249	325
35 to 44 years....	4,254	3,308	1,414	1,305	2,788	1,949	42	54	35 to 44 years....	2,107	2,123	997	1,084	908	824	196	215
45 to 64 years....	3,288	2,688	1,223	1,076	2,022	1,575	34	37	45 to 64 years....	2,142	2,305	957	1,104	1,027	1,012	152	189
65 years and over	521	596	187	238	327	353	7	5	65 years and over..	443	573	102	264	259	285	22	24
Age unknown....	11	13	8	5	3	8	.....	.....	Age unknown....	23	13	7	2	10	5	6	6
<b>Camden.....</b>	<b>47,396</b>	<b>47,142</b>	<b>35,955</b>	<b>36,754</b>	<b>8,426</b>	<b>7,256</b>	<b>2,949</b>	<b>3,127</b>	<b>Passaic.....</b>	<b>26,549</b>	<b>28,224</b>	<b>12,695</b>	<b>13,050</b>	<b>13,589</b>	<b>14,878</b>	<b>239</b>	<b>296</b>
Under 5 years....	5,036	4,935	4,697	4,578	60	66	279	290	Under 5 years.....	3,693	3,624	3,509	3,405	162	194	22	25
Under 1 year....	1,012	1,069	948	1,000	1	7	63	61	Under 1 year.....	905	862	878	842	21	14	6	6
5 to 9 years.....	4,458	4,366	4,027	3,951	168	167	262	247	5 to 9 years.....	2,699	2,633	2,234	2,244	383	375	22	14
10 to 14 years....	3,938	4,168	3,486	3,707	232	213	216	248	10 to 14 years....	2,223	2,247	1,693	1,658	514	565	16	24
15 to 19 years....	4,219	4,487	3,597	3,785	407	416	212	285	15 to 19 years....	2,435	4,742	1,252	1,835	1,161	3,370	22	37
20 to 24 years....	4,755	4,744	3,524	3,612	954	771	273	361	20 to 24 years....	3,004	4,073	820	910	2,163	3,134	20	29
25 to 34 years....	8,437	8,044	5,681	5,725	2,192	1,706	550	611	25 to 34 years....	5,716	4,891	1,221	1,369	4,438	3,456	50	66
35 to 44 years....	7,038	6,708	4,640	4,686	1,862	1,541	518	481	35 to 44 years....	3,682	3,072	977	1,045	2,650	1,979	44	48
45 to 64 years....	7,720	7,576	5,129	5,272	2,047	1,821	524	483	45 to 64 years....	2,692	2,371	821	846	1,829	1,483	35	42
65 years and over	1,716	2,057	1,119	1,896	488	545	108	116	65 years and over..	438	544	156	218	274	315	8	11
Age unknown....	79	57	55	42	16	10	7	5	Age unknown....	27	27	12	20	15	7	.....	.....
<b>East Orange..</b>	<b>15,287</b>	<b>19,084</b>	<b>13,284</b>	<b>14,475</b>	<b>2,262</b>	<b>3,415</b>	<b>715</b>	<b>1,192</b>	<b>Paterson.....</b>	<b>62,439</b>	<b>63,161</b>	<b>38,176</b>	<b>40,395</b>	<b>23,468</b>	<b>21,930</b>	<b>710</b>	<b>829</b>
Under 5 years....	1,381	1,384	1,285	1,286	15	7	81	91	Under 5 years.....	6,298	6,248	6,034	5,983	207	189	56	76
Under 1 year....	278	284	265	269	1	1	12	14	Under 1 year.....	1,292	1,292	1,267	1,274	9	9	16	9
5 to 9 years.....	1,348	1,304	1,242	1,200	24	27	82	77	5 to 9 years.....	6,105	6,132	5,429	5,490	610	587	66	54
10 to 14 years....	1,236	1,270	1,135	1,150	34	53	67	67	10 to 14 years....	5,908	5,814	5,044	5,024	786	743	76	47
15 to 19 years....	1,299	1,611	1,177	1,217	80	275	42	118	15 to 19 years....	5,982	6,416	4,677	4,954	1,252	1,392	50	68
20 to 24 years....	1,244	2,031	1,003	1,306	149	499	84	225	20 to 24 years....	6,167	6,516	3,620	4,159	2,475	2,238	62	116
25 to 34 years....	2,768	4,016	2,140	2,848	475	881	146	287	25 to 34 years....	11,407	11,279	5,473	6,043	5,756	5,045	148	191
35 to 44 years....	2,580	3,126	1,890	2,292	568	659	113	175	35 to 44 years....	9,131	8,678	3,890	4,083	5,094	4,429	130	165
45 to 64 years....	2,693	3,305	1,896	2,420	713	752	82	133	45 to 64 years....	9,127	9,496	3,237	3,757	5,765	5,655	103	84
65 years and over	726	1,024	508	745	200	260	18	19	65 years and over..	2,182	2,536	651	873	1,512	1,637	19	26
Age unknown....	12	13	8	11	4	2	.....	.....	Age unknown....	132	46	121	29	11	15	.....	.....
<b>Elizabeth.....</b>	<b>37,971</b>	<b>35,438</b>	<b>23,955</b>	<b>24,151</b>	<b>13,336</b>	<b>10,558</b>	<b>654</b>	<b>727</b>	<b>Perth Amboy..</b>	<b>17,359</b>	<b>14,762</b>	<b>8,883</b>	<b>8,774</b>	<b>8,391</b>	<b>5,897</b>	<b>74</b>	<b>91</b>
Under 5 years....	4,486	4,201	4,325	3,989	98	133	63	79	Under 5 years.....	2,364	2,304	2,273	2,238	76	59	15	7
Under 1 year....	974	928	947	910	8	3	19	15	Under 1 year.....	573	568	562	558	8	6	3	4
5 to 9 years.....	3,611	3,656	3,201	3,250	343	336	67	70	5 to 9 years.....	1,725	1,747	1,534	1,562	188	174	3	11
10 to 14 years....	3,217	3,289	2,861	2,878	304	347	52	64	10 to 14 years....	1,466	1,607	1,229	1,237	235	259	2	11
15 to 19 years....	3,281	3,474	2,627	2,735	592	670	62	69	15 to 19 years....	1,454	1,568	977	1,047	473	509	4	12
20 to 24 years....	3,970	3,715	2,256	2,288	1,651	1,353	61	74	20 to 24 years....	1,883	1,672	699	687	1,173	973	10	12
25 to 34 years....	7,842	6,451	3,571	3,557	4,128	2,739	134	155	25 to 34 years....	3,575	2,505	909	876	2,639	1,610	21	19
35 to 44 years....	5,604	4,711	2,482	2,518	3,000	2,088	114	105	35 to 44 years....	2,605	1,739	582	516	2,013	1,214	7	9
45 to 64 years....	4,945	4,662	2,229	2,354	2,622	2,215	87	91	45 to 64 years....	1,997	1,427	571	513	1,414	908	11	6
65 years and over	987	1,265	397	577	578	672	12	16	65 years and over..	273	289	103	98	169	187	1	4
Age unknown....	28	14	6	5	20	5	2	4	Age unknown....	17	4	6	.....	11	4	.....	.....
<b>Hoboken.....</b>	<b>36,675</b>	<b>33,649</b>	<b>21,158</b>	<b>21,335</b>	<b>15,414</b>	<b>12,254</b>	<b>60</b>	<b>60</b>	<b>Trenton.....</b>	<b>50,231</b>	<b>46,584</b>	<b>33,793</b>	<b>34,095</b>	<b>14,978</b>	<b>11,332</b>	<b>1,424</b>	<b>1,157</b>
Under 5 years....	3,506	3,634	3,381														



SUPPLEMENT FOR NEW JERSEY.

TABLE 15.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.						
	Total. <sup>1</sup>	Single.		Married.		Wid-owed.	Di-voiced.	Total. <sup>1</sup>	Single.		Married.		Wid-owed.	Di-voiced.
		Num-ber.	Per cent.	Num-ber.	Per cent.				Num-ber.	Per cent.	Num-ber.	Per cent.		
<b>Atlantic City</b>														
Total.....	17,735	6,744	38.0	9,955	56.1	840	48	17,986	5,446	30.3	10,005	55.6	2,389	78
15 to 24 years.....	4,084	3,482	85.3	567	13.9	14	5	4,246	2,855	67.2	1,339	31.5	38	5
25 to 44 years.....	9,311	2,813	30.2	6,159	66.1	302	20	9,264	2,100	22.7	6,274	67.7	817	57
45 years and over.....	4,215	437	10.4	3,220	76.4	524	22	4,393	479	10.9	2,369	53.9	1,526	16
Age unknown.....	125	12	9.6	9	7.2			83	12		23		8	
Native white—Native parentage.....	8,189	2,902	35.4	4,831	59.0	397	23	8,642	2,637	30.5	4,917	56.9	1,015	38
Native white—Foreign or mixed parentage.....	2,135	910	42.6	1,124	52.6	83	6	2,382	892	37.4	1,184	49.7	289	11
Foreign-born white.....	3,228	1,127	34.9	1,912	59.2	108	7	2,776	660	23.8	1,739	62.6	365	5
Negro.....	4,113	1,764	42.9	2,000	50.1	251	12	4,177	1,258	30.1	2,157	51.6	720	24
<b>Bayonne</b>														
Total.....	19,605	8,024	40.9	10,932	55.8	618	12	16,343	4,800	29.4	10,116	61.9	1,408	5
15 to 24 years.....	5,800	5,055	87.2	728	12.6	2	2	5,350	3,660	68.4	1,669	31.2	14	
25 to 44 years.....	9,985	2,670	26.7	7,142	71.5	100	7	7,696	973	12.6	6,381	82.9	335	3
45 years and over.....	3,809	291	7.6	3,059	80.3	456	3	3,284	161	4.9	2,061	62.8	1,059	2
Age unknown.....	11	8		3				13	6		5			
Native white—Native parentage.....	3,416	1,432	41.9	1,841	53.9	134	5	3,219	1,127	35.0	1,765	54.8	320	3
Native white—Foreign or mixed parentage.....	4,989	2,999	60.1	1,865	37.4	114	4	4,857	2,500	51.5	2,135	44.0	217	
Foreign-born white.....	10,984	3,519	32.0	7,095	64.6	360	2	8,064	1,128	14.0	6,094	75.6	835	2
Negro.....	182	51	28.0	1,202	65.9	10	1	202	45	22.3	121	59.9	36	
<b>Camden</b>														
Total.....	33,964	11,614	34.2	20,639	60.8	1,580	76	33,673	9,218	27.4	20,470	60.8	3,837	120
15 to 24 years.....	8,974	7,595	84.6	1,345	15.0	13	1	9,231	6,288	68.1	2,881	31.2	40	8
25 to 44 years.....	15,475	3,387	21.9	11,087	75.5	349	41	14,752	2,280	15.5	11,652	79.0	742	76
45 years and over.....	9,436	616	6.5	7,571	80.2	1,213	34	9,633	636	6.6	5,911	61.4	3,045	36
Age unknown.....	79	16		36		5		57	14		26		10	
Native white—Native parentage.....	17,124	5,788	33.8	10,434	60.9	819	55	17,558	5,125	29.2	10,327	58.8	1,999	93
Native white—Foreign or mixed parentage.....	6,621	3,016	45.6	3,387	51.2	206	8	6,980	2,580	37.1	3,782	54.3	580	15
Foreign-born white.....	7,966	2,052	25.8	5,477	68.8	417	7	6,810	915	13.4	4,996	73.4	883	10
Negro.....	2,192	727	33.2	1,312	59.9	137	6	2,342	597	25.5	1,363	58.2	375	2
<b>East Orange</b>														
Total.....	11,322	3,799	33.6	7,086	62.6	415	13	15,126	6,046	40.0	7,310	48.3	1,730	27
15 to 24 years.....	2,543	2,370	93.2	170	6.7	2		3,642	3,147	86.4	479	13.2	10	3
25 to 44 years.....	5,348	1,240	23.2	4,023	75.2	75	7	7,142	2,251	31.5	4,594	64.3	279	14
45 years and over.....	3,419	188	5.5	2,887	84.4	337	6	4,329	645	14.9	2,235	51.6	1,437	10
Age unknown.....	12	1		6				13	3		2		4	
Native white—Native parentage.....	6,001	2,071	34.5	3,692	61.5	224	10	7,404	2,704	36.5	3,789	51.2	891	15
Native white—Foreign or mixed parentage.....	2,621	1,109	42.3	1,455	55.6	55	1	3,435	1,498	43.6	1,656	48.2	268	8
Foreign-born white.....	2,189	454	20.7	1,614	73.7	116	2	3,328	1,414	42.5	1,447	43.5	461	3
Negro.....	485	144	29.7	319	65.8	20		957	429	44.8	417	43.6	110	1
<b>Elizabeth</b>														
Total.....	26,657	10,850	40.7	14,830	55.6	918	29	24,292	7,728	31.8	14,110	58.1	2,387	33
15 to 24 years.....	7,251	6,453	89.0	774	10.7	10		7,189	5,125	71.3	2,023	28.1	21	2
25 to 44 years.....	13,446	3,870	28.8	9,356	69.6	189	18	11,162	2,033	18.2	8,646	77.5	454	19
45 years and over.....	5,922	516	8.7	4,685	79.0	718	11	5,927	565	9.5	3,439	58.0	1,906	12
Age unknown.....	28	11		15		1		14	5		2		6	
Native white—Native parentage.....	6,197	2,687	43.4	3,260	52.6	222	15	6,366	2,528	39.7	3,219	50.6	599	8
Native white—Foreign or mixed parentage.....	7,371	4,086	55.4	3,122	42.4	147	8	7,968	3,510	45.8	3,670	47.9	460	13
Foreign-born white.....	12,591	3,902	31.0	8,148	64.7	526	6	9,742	1,540	15.8	6,929	71.1	1,256	10
Negro.....	472	161	34.1	289	61.2	22		514	150	29.2	292	56.8	70	2
<b>Hoboken</b>														
Total.....	26,443	11,325	42.8	13,914	52.6	1,109	38	23,326	7,462	32.0	13,303	57.0	2,492	38
15 to 24 years.....	7,023	6,307	89.8	682	9.7	11		6,955	5,181	74.5	1,721	24.7	26	4
25 to 44 years.....	13,186	4,346	33.0	8,512	64.6	236	21	10,740	1,889	17.6	8,251	76.8	577	19
45 years and over.....	6,183	665	10.8	4,698	76.0	800	16	5,595	383	6.8	3,308	59.1	1,888	15
Age unknown.....	51	7		22		2		36	9		23		1	
Native white—Native parentage.....	4,087	2,065	50.5	1,818	44.5	173	6	3,734	1,572	42.1	1,810	48.5	340	4
Native white—Foreign or mixed parentage.....	7,760	4,678	60.2	2,865	36.9	194	12	8,182	4,117	50.3	3,514	42.9	514	17
Foreign-born white.....	14,504	4,534	31.3	9,193	63.4	742	20	11,362	1,758	15.5	7,955	70.0	1,629	17
Negro.....	43	21		22				48	15		24		9	
<b>Jersey City</b>														
Total.....	96,081	40,102	41.7	51,147	53.2	4,388	113	89,843	29,830	33.2	49,634	55.2	10,112	129
15 to 24 years.....	26,877	22,867	85.5	2,636	9.9	40		26,807	20,249	75.5	6,408	23.9	80	9
25 to 44 years.....	46,954	14,204	30.3	31,436	67.0	1,110	71	41,191	7,773	18.9	30,966	75.2	2,317	84
45 years and over.....	22,314	2,016	9.0	17,052	76.4	3,174	39	21,778	1,776	8.2	12,244	56.2	7,707	36
Age unknown.....	136	15	11.0	23	16.9	8		67	8		16		8	
Native white—Native parentage.....	22,232	10,500	47.2	10,599	47.7	872	48	21,437	8,905	41.5	10,474	48.9	1,970	36
Native white—Foreign or mixed parentage.....	30,877	16,559	53.6	13,223	42.8	1,023	30	32,826	15,091	46.0	15,326	46.7	2,311	56
Foreign-born white.....	40,486	12,073	29.8	25,932	64.1	2,332	28	33,370	5,333	16.0	22,487	67.4	5,479	30
Negro.....	2,335	861	36.9	1,353	57.9	111	7	2,206	500	22.7	1,344	60.9	352	7
<b>Newark</b>														
Total.....	122,071	46,760	38.3	70,082	57.4	4,697	223	122,580	40,009	32.6	68,914	56.2	13,210	289
15 to 24 years.....	32,830	28,912	88.1	3,834	11.7	57		35,868	26,295	73.3	9,429	26.3	94	16
25 to 44 years.....	59,169	15,042	25.4	42,960	72.6	1,007		55,567	10,766	19.4	41,990	75.6	2,609	186
45 years and over.....	29,756	2,729	9.2	23,255	78.2	3,640	105	30,904	2,894	9.4	17,433	56.4	10,480	86
Age unknown.....	316	77	24.4	43	13.6	7		241	54	22.4	62	25.7	27	1
Native white—Native parentage.....	30,047	12,874	42.8	15,689	52.2	1,169	89	31,687	12,634	39.9	15,518	49.0	3,302	126
Native white—Foreign or mixed parentage.....	34,464	17,859	51.8	15,612	45.3	907	58	38,653	17,407	45.0	18,439	47.7	2,702	69
Foreign-born white.....	53,920	14,820	27.5	36,337	67.8	2,454	56	48,382	8,922	18.4	32,753	67.7	6,614	83
Negro.....	3,414	1,115	32.7	2,117	62.0	163	10	3,848	1,045	27.2	2,196	57.1	591	11

<sup>1</sup> Total includes persons whose marital condition is unknown.

STATISTICS OF POPULATION.

TABLE 15.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE—Continued.

[Per cent not shown where base is less than 100.]

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.							
	Total. <sup>1</sup>	Single.		Married.		Wid-owed.	Di-vorced.	Total. <sup>1</sup>	Single.		Married.		Wid-owed.	Di-vorced.
		Num-ber.	Per-cent.	Num-ber.	Per-cent.				Num-ber.	Per-cent.	Num-ber.	Per-cent.		
<b>Orange</b>														
Total.....	10,070	3,973	39.5	5,631	55.9	404	14	10,730	4,030	37.6	5,533	51.6	1,107	20
15 to 24 years.....	2,734	2,429	88.8	277	10.1	1		2,943	2,264	76.9	642	21.8	8	2
25 to 44 years.....	4,728	1,339	28.3	3,284	69.5	87	8	4,896	1,396	28.5	3,246	66.3	230	16
45 years and over.....	2,585	198	7.7	2,062	79.8	316	6	2,878	367	12.8	1,639	56.9	867	2
Age unknown.....	23	7		8				13	3		6		2	
Native white—Native parentage.....	2,547	1,117	43.9	1,287	50.5	112	5	2,878	1,275	44.3	1,288	44.8	291	7
Native white—Foreign or mixed parentage.....	2,711	1,473	54.3	1,151	42.5	72	5	3,114	1,630	52.3	1,296	41.6	169	5
Foreign-born white.....	3,979	1,139	28.6	2,636	66.2	191	2	3,719	853	22.9	2,351	63.2	504	3
Negro.....	811	231	28.5	548	67.6	29	2	1,019	272	26.7	598	58.7	143	5
<b>Passaic</b>														
Total.....	17,994	6,412	35.6	10,688	59.4	465	10	19,720	7,654	38.8	10,298	52.2	1,412	35
15 to 24 years.....	5,439	4,285	78.8	888	16.3	6		8,815	6,287	71.3	2,217	25.2	27	5
25 to 44 years.....	9,398	1,941	20.7	7,200	76.6	127	6	7,963	1,179	14.8	6,301	79.1	430	21
45 years and over.....	3,130	180	5.8	2,589	82.7	330	4	2,915	181	6.2	1,771	60.8	950	9
Age unknown.....	27	6		11		2		27	7		9		5	
Native white—Native parentage.....	2,289	878	38.4	1,276	55.7	92	3	2,576	934	36.3	1,316	51.1	294	14
Native white—Foreign or mixed parentage.....	2,970	1,621	54.6	1,162	39.1	57	2	3,167	1,548	48.9	1,346	42.5	139	9
Foreign-born white.....	12,530	3,834	30.6	8,138	64.9	306	4	13,744	5,102	37.1	7,516	54.7	937	11
Negro.....	179	64	35.8	105	58.7	9	1	233	70	30.0	120	51.5	42	1
<b>Paterson</b>														
Total.....	44,128	17,040	38.6	24,720	56.0	2,020	84	44,967	15,509	34.5	24,426	54.3	4,760	103
15 to 24 years.....	12,149	10,753	88.5	1,288	10.6	14	1	12,932	9,966	77.1	2,812	21.7	30	6
25 to 44 years.....	20,538	5,448	26.5	14,585	71.0	411	50	19,957	4,453	22.3	14,543	72.9	863	65
45 years and over.....	11,309	830	7.3	8,385	78.1	1,593	33	12,032	1,076	8.9	7,054	58.6	3,858	32
Age unknown.....	132	9	6.8	12	9.1	2		46	17		17		9	
Native white—Native parentage.....	8,808	3,646	41.4	4,612	52.4	383	28	9,677	3,709	38.3	4,828	49.9	1,057	32
Native white—Foreign or mixed parentage.....	12,861	7,387	57.4	5,066	39.4	317	22	14,221	7,532	53.0	5,794	40.7	790	31
Foreign-born white.....	21,865	5,780	26.4	14,705	67.3	1,293	34	20,411	4,070	19.9	13,436	65.8	2,829	36
Negro.....	512	169	33.0	313	61.1	27		652	193	29.6	367	56.3	84	4
<b>Perth Amboy</b>														
Total.....	11,804	4,486	38.0	7,011	59.4	277	16	9,204	2,519	27.4	6,051	65.7	612	13
15 to 24 years.....	3,337	2,859	85.7	472	14.1	2		3,240	2,045	63.1	1,180	36.4	6	4
25 to 44 years.....	6,180	1,435	23.2	4,669	75.6	65	6	4,244	397	9.4	3,686	86.9	149	9
45 years and over.....	2,270	184	8.1	1,866	82.2	207	10	1,716	77	4.5	1,182	68.9	456	
Age unknown.....	17	8		4		3		4			3		1	
Native white—Native parentage.....	1,788	754	43.4	922	53.0	57	3	1,589	553	34.8	909	57.2	125	2
Native white—Foreign or mixed parentage.....	2,109	1,372	65.1	703	33.3	30	1	2,148	1,160	54.0	905	42.1	74	3
Foreign-born white.....	7,892	2,333	29.6	5,351	67.8	187	12	5,405	785	14.5	4,200	77.7	409	8
Negro.....	54	18		33		3		62	21		37		4	
<b>Trenton</b>														
Total.....	36,801	14,571	39.6	20,612	56.0	1,503	96	33,191	10,338	31.1	19,189	57.8	3,547	104
15 to 24 years.....	10,200	8,841	86.7	1,340	13.1	13	3	9,742	6,851	70.3	2,844	29.2	34	7
25 to 44 years.....	17,451	4,784	27.4	12,233	70.1	373	54	14,354	2,626	18.3	10,989	76.6	676	61
45 years and over.....	9,134	937	10.3	7,036	77.0	1,117	39	9,071	848	9.3	5,351	59.0	2,833	36
Age unknown.....	16	9		3				24	13		5		4	
Native white—Native parentage.....	13,923	5,543	39.8	7,065	55.1	656	53	14,090	4,954	35.2	7,482	53.1	1,579	72
Native white—Foreign or mixed parentage.....	7,555	4,124	54.6	3,168	41.9	239	21	7,736	3,399	43.9	3,745	48.4	572	18
Foreign-born white.....	14,075	4,419	31.4	9,102	64.7	535	12	10,447	1,714	16.4	7,449	71.3	1,267	10
Negro.....	1,212	464	38.3	662	54.6	73	10	918	271	29.5	513	55.9	129	4
<b>West Hoboken town</b>														
Total.....	12,214	4,340	35.5	7,422	60.8	434	9	12,282	3,744	30.5	7,294	59.4	1,219	19
15 to 24 years.....	3,234	2,895	89.5	329	10.2	4		3,639	2,697	74.1	925	25.4	11	2
25 to 44 years.....	5,991	1,261	21.0	4,625	77.2	96	6	5,749	861	15.0	4,626	80.5	250	12
45 years and over.....	2,985	183	6.1	2,466	82.6	333	3	2,885	186	6.4	1,737	60.2	955	5
Age unknown.....	4	1		2		1		9			6		3	
Native white—Native parentage.....	1,736	824	47.5	869	50.1	42		1,778	803	45.2	874	49.2	97	2
Native white—Foreign or mixed parentage.....	3,818	1,964	51.4	1,779	46.6	71	2	4,368	1,948	44.6	2,173	49.7	237	9
Foreign-born white.....	6,611	1,524	23.1	4,753	71.9	321	7	6,114	957	16.1	4,232	69.2	884	8
Negro.....	20	5		15				20	8		14		1	

<sup>1</sup> Total includes persons whose marital condition is unknown.

TABLE 16.—INDIAN, CHINESE, AND JAPANESE POPULATION FOR PRINCIPAL COUNTIES.

COUNTY.	INDIAN.			CHINESE.			JAPANESE.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
The state.....	168	63	84	1,139	1,393	608	206	52	22
Atlantic.....	8	4	7	51	39	8	35	17	6
Bergen.....	8			53	57	10	19		
Burlington.....	16	19	15	21	29	1	2	2	2
Camden.....	9	3	7	79	84	54	3		
Essex.....	13	5	2	312	342	161	46	14	4
Hudson.....	6		6	277	373	193	28	5	1
Mercer.....	88	25	19	40	68	38	2	1	2
Middlesex.....	5			35	40	17	1		4
Monmouth.....	3	3	18	32	56	11	16	2	
Morris.....				22	35	13	4		1
Ocean.....				12	11		7		
Passaic.....				113	155	69	7		
Somerset.....	1			9	13		4		
Union.....	4	1	3	51	57	19	29	9	1
Remainder of state.....	7	2	7	27	34	14	3	1	1

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

SUBJECT.	THE STATE.	Atlantic.	Bergen.	Burlington. <sup>1</sup>	Camden. <sup>1</sup>	Cape May.	Cumberland.	Essex.	Gloucester. <sup>1</sup>	Hudson.	Hunterdon.
<b>POPULATION</b>											
Total population, 1910	2,537,167	71,894	138,002	66,565	142,029	19,745	55,153	512,886	37,368	537,321	33,569
1900	1,883,669	46,402	78,441	58,241	107,643	13,201	51,193	359,053	31,905	386,048	34,507
1890	1,444,933	28,836	47,226	58,628	87,687	11,268	45,438	256,098	28,649	275,126	35,355
1880	1,131,116	18,704	36,786	55,402	62,942	9,765	37,687	189,929	25,886	187,944	35,570
1870	906,090	14,093	30,122	53,639	46,193	8,349	34,665	143,839	21,562	129,067	36,963
Increase, 1900-1910	653,498	25,492	59,561	8,324	34,386	6,544	3,960	153,833	5,463	151,183	-938
Per cent of increase	34.7	54.9	75.9	14.3	31.9	49.6	7.7	42.8	17.1	39.2	-2.7
Increase, 1890-1900	438,736	17,566	31,215	-287	19,956	1,933	5,755	102,955	3,256	110,922	-848
Per cent of increase	30.4	60.9	66.1	-0.5	22.8	17.2	12.7	40.2	11.4	40.3	-2.4
Land area (square miles)	7,514	569	237	815	222	265	500	127	332	43	437
Population per square mile, 1910	337.7	126.4	582.3	81.7	639.8	74.5	110.3	4,038.5	112.6	12,493.7	76.8
Rural population per square mile, 1910	83.8	28.6	252.6	66.2	131.0	74.5	46.4	209.9	98.6	625.3	60.0
<b>URBAN AND RURAL TERRITORY.</b>											
Urban, 1910—Places of 2,500 or more in 1910	1,907,210	55,628	78,134	12,586	112,937	.....	31,942	486,230	4,642	510,341	7,350
Same places in 1900	1,363,653	33,501	43,157	11,502	87,184	.....	28,866	341,845	4,087	371,510	6,782
Per cent of increase, 1900-1910	39.9	66.0	81.0	9.4	29.5	.....	10.7	42.2	13.6	37.4	8.4
Rural, 1910—Remainder of county in 1910	629,957	16,266	59,868	53,979	29,092	19,745	23,211	26,656	32,726	26,890	26,219
Same territory in 1900	520,016	12,901	35,284	46,739	20,459	13,201	22,327	17,208	27,818	14,538	27,725
Per cent of increase, 1900-1910	21.1	26.1	69.7	15.5	42.2	49.6	4.0	54.9	17.6	85.0	-5.4
Urban, 1900—Places of 2,500 or more in 1900	1,329,162	31,319	31,510	11,502	85,551	.....	28,866	334,878	4,087	369,884	4,637
Rural, 1900—Remainder of county in 1900	554,507	15,083	46,931	46,739	22,092	13,201	22,327	24,175	27,818	16,164	29,870
Per cent in places of 2,500 or more, 1910	75.2	77.4	56.6	18.9	79.5	.....	57.9	94.8	12.4	95.0	21.9
Per cent in places of 2,500 or more, 1900	70.6	67.5	40.2	19.7	79.5	.....	56.4	93.3	12.8	95.8	13.4
<b>COLOR AND NATIVITY</b>											
White	2,445,894	61,018	134,622	63,072	132,536	18,298	52,508	494,411	34,985	529,747	33,122
Number in 1900	1,812,317	39,422	75,784	55,061	98,973	12,328	48,735	346,133	29,844	381,231	33,981
Number in 1890	1,396,681	26,543	45,402	55,886	80,151	10,401	43,333	249,021	27,230	272,470	34,854
Negro	89,760	10,782	3,295	3,454	9,402	1,444	2,641	18,104	2,375	7,173	438
Number in 1900	69,844	6,920	2,600	3,120	8,683	869	2,403	12,559	2,058	4,439	518
Number in 1890	47,638	2,367	1,814	2,624	7,476	861	2,100	6,910	1,417	2,466	497
Black	75,553	9,237	2,950	3,356	8,025	1,300	1,451	14,870	2,072	6,275	408
Mulatto	14,207	1,545	345	98	1,377	144	1,190	3,234	303	898	30
Indian, Chinese, and Japanese (see Tables 1 and 16)	1,513	94	85	39	91	3	4	371	8	311	9
Native white—Native parentage	1,009,909	35,874	47,392	46,668	78,408	13,142	40,050	164,183	26,223	132,571	27,626
Number in 1900	825,973	24,543	31,169	42,631	61,938	9,873	38,563	117,867	23,133	94,434	29,769
Native white—Foreign or mixed parentage	777,797	13,727	47,847	9,416	33,290	2,456	7,214	182,437	5,353	222,266	3,011
Number in 1900	556,294	8,311	24,441	7,945	23,147	1,259	5,954	131,388	4,174	165,530	2,508
Native white—Foreign parentage	576,011	9,500	35,035	6,131	22,205	1,773	5,056	134,550	3,520	170,572	1,967
Native white—Mixed parentage	201,786	4,137	12,812	3,285	11,085	683	2,158	47,887	1,833	51,694	1,044
Foreign-born white	658,188	11,417	39,383	6,988	20,838	2,700	5,244	147,791	3,409	174,910	2,485
Number in 1900	430,050	6,768	20,174	4,485	13,888	1,196	4,268	96,878	2,537	121,267	1,706
<b>PER CENT OF TOTAL POPULATION.</b>											
Native white—Native parentage	39.8	49.9	34.3	70.1	55.2	66.6	72.6	32.0	70.2	24.7	82.3
Per cent in 1900	43.8	55.5	39.7	73.2	57.5	74.8	75.3	32.8	72.5	24.5	80.3
Native white—Foreign or mixed parentage	30.7	19.3	34.2	14.1	23.4	12.4	13.1	35.6	14.3	41.4	9.0
Per cent in 1900	29.5	17.9	31.2	13.6	21.5	9.5	11.6	36.6	13.1	42.9	7.3
Foreign-born white	25.9	15.9	28.5	10.5	14.7	13.7	9.5	28.8	9.1	32.6	7.4
Per cent in 1900	22.8	14.6	25.7	7.7	12.9	9.1	8.3	27.0	8.0	31.4	4.9
Negro	3.5	15.0	2.4	5.2	6.6	7.3	4.8	3.5	6.4	1.3	1.3
Per cent in 1900	3.7	14.9	3.3	5.4	8.0	6.6	4.7	3.5	6.5	1.1	1.5
<b>FOREIGN NATIONALITIES</b>											
<b>FOREIGN-BORN WHITE: Born in—</b>											
Austria	56,778	311	3,096	478	1,051	96	193	14,003	72	11,264	88
Belgium	1,867	24	209	5	31	.....	25	115	3	548	3
Canada—French	1,203	22	67	3	35	2	8	262	2	238	2
Canada—Other	7,648	228	744	78	365	7	83	2,078	32	1,877	31
Denmark	5,056	43	228	24	79	6	10	649	30	1,010	34
England	50,297	1,137	2,808	731	3,221	151	563	10,993	315	10,463	204
Finland	1,639	8	223	4	81	22	2	203	1	828	1
France	6,237	141	793	49	194	17	81	1,005	33	1,730	19
Germany	122,880	1,897	8,968	1,109	4,923	211	640	28,825	1,005	42,363	369
Greece	1,575	78	34	.....	23	1	11	628	4	327	2
Holland	12,698	21	2,567	16	22	6	14	314	6	781	8
Hungary	47,610	207	1,959	683	305	25	32	6,652	84	4,533	239
Ireland	82,749	1,112	3,507	1,325	2,837	162	331	19,124	416	27,630	382
Italy	115,444	3,942	8,489	995	3,185	433	1,735	28,350	902	29,219	711
Norway	5,351	60	215	23	239	34	12	489	31	3,012	8
Roumania	2,208	52	23	113	65	20	35	1,203	1	401	.....
Russia	93,566	1,300	2,671	949	2,741	1,317	1,178	24,279	287	25,886	254
Scotland	17,504	242	983	139	584	45	122	3,918	66	4,793	59
Sweden	10,547	108	880	151	208	130	47	2,346	29	3,195	27
Switzerland	7,548	165	481	49	156	4	35	1,117	45	2,629	12
Turkey	2,785	127	67	2	72	.....	20	270	8	1,177	2
Wales	1,201	55	70	17	77	5	21	189	12	273	16
Other foreign countries	3,597	137	313	45	344	6	46	779	25	733	14
<b>NATIVE WHITE: Both parents born in—</b>											
Austria	28,912	183	2,440	146	423	37	133	7,573	11	5,537	28
Canada	2,626	36	223	25	120	5	14	638	10	741	1
Denmark	3,350	14	105	12	50	1	9	271	29	446	25
England	30,893	495	1,658	493	2,009	101	307	6,732	227	6,298	119
France	3,373	65	307	36	117	12	60	663	22	1,161	14
Germany	149,858	2,344	9,831	1,754	7,513	242	1,017	39,006	1,483	50,321	378
Holland	11,058	7	2,327	4	25	1	6	229	4	273	12
Hungary	20,296	108	1,128	161	126	10	23	2,995	17	2,784	85
Ireland	123,964	1,305	4,321	1,915	4,601	199	477	26,983	668	45,443	718
Italy	71,466	2,887	5,778	377	2,106	165	1,382	19,782	490	19,104	258
Norway	2,256	32	89	.....	171	9	10	117	8	1,335	4
Russia	50,693	902	1,447	391	1,626	733	866	12,382	128	14,947	75
Scotland	10,120	125	661	82	395	22	77	2,080	37	2,753	37
Sweden	5,899	28	514	86	115	50	21	1,030	11	1,095	11
Switzerland	3,644	78	163	22	94	1	30	560	16	1,189	7
All others of foreign parentage*	57,603	981	4,043	627	2,714	186	624	12,909	358	16,245	195

<sup>1</sup> For changes in boundaries, etc., see page 604.

# STATISTICS OF POPULATION.

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## POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Atlantic.	Bergen.	Burlington. <sup>1</sup>	Camden. <sup>1</sup>	Cape May.	Cumberland.	Essex.	Gloucester. <sup>1</sup>	Hudson.	Hunterdon.
<b>SEX</b>											
Total... Male.....	1,286,463	36,169	69,189	33,692	71,012	10,269	27,844	252,268	19,525	277,104	17,028
Female.....	1,250,704	35,725	68,813	32,873	71,017	9,476	27,309	260,618	17,943	260,127	16,541
White... Male.....	1,241,482	30,765	67,634	31,927	66,318	9,515	26,406	243,819	18,160	273,173	16,828
Female.....	1,204,412	30,253	66,988	31,145	66,218	8,783	26,012	250,592	16,825	256,574	16,294
Negro... Male.....	43,602	5,327	1,482	1,740	4,612	751	1,344	8,102	1,359	3,637	191
Female.....	46,158	5,455	1,813	1,714	4,790	693	1,297	10,002	1,016	3,536	247
<b>MALES OF VOTING AGE</b>											
Total number.....	774,702	23,193	39,960	21,032	43,063	6,464	16,670	150,948	12,055	162,359	11,023
Number in 1900.....	555,608	14,952	22,560	17,572	31,744	4,126	14,838	102,265	9,950	111,405	10,324
Native white—Native parentage.....	251,269	10,995	12,201	13,761	22,446	4,312	12,113	42,945	7,947	30,398	8,627
Number in 1900.....	224,644	7,284	8,210	12,376	17,248	3,183	11,014	29,428	6,728	21,334	9,063
Native white—Foreign or mixed parentage.....	153,926	2,789	8,569	2,471	7,832	442	1,430	36,842	1,514	44,304	843
Number in 1900.....	111,508	1,876	4,523	2,181	5,472	240	1,233	26,624	1,157	32,013	736
Native white—Foreign parentage.....	116,088	1,949	6,481	1,691	5,348	303	946	27,459	1,043	35,610	569
Native white—Mixed parentage.....	37,838	840	2,088	780	2,484	139	484	9,383	471	8,784	274
Foreign-born white.....	309,648	5,277	18,226	3,685	9,775	1,235	2,348	65,554	1,742	84,792	1,434
Number in 1900.....	196,598	3,031	9,131	2,129	6,345	473	1,377	42,440	1,315	56,897	974
Negro.....	28,601	4,058	909	1,092	2,938	472	775	5,276	846	2,499	114
Number in 1900.....	21,474	2,707	662	958	2,599	225	709	3,420	753	1,486	145
Indian, Chinese, and Japanese.....	1,258	74	55	23	72	3	4	331	6	276	5
<b>PER CENT OF TOTAL.</b>											
Native white—Native parentage.....	36.3	47.4	30.5	65.4	52.1	66.7	72.7	28.5	65.9	18.7	78.3
Native white—Foreign or mixed parentage.....	19.9	12.0	21.4	11.7	18.2	6.8	8.6	24.4	12.6	27.3	7.6
Foreign-born white.....	40.0	22.8	45.6	17.5	22.7	19.1	14.1	43.4	14.5	52.2	13.0
Negro.....	3.7	17.5	2.3	5.2	6.8	7.3	4.6	3.5	7.0	1.5	1.0
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>											
Naturalized.....	128,438	2,170	7,688	1,116	4,308	476	1,081	29,130	714	37,198	519
Having first papers.....	24,511	480	1,419	155	620	102	157	6,053	87	7,525	74
Alien.....	122,076	1,474	6,350	1,726	3,486	470	698	23,800	565	32,160	710
Unknown.....	34,623	1,153	2,769	688	1,361	187	412	6,472	376	7,909	131
<b>ILLITERACY</b>											
<b>ILLITERATE MALES OF VOTING AGE.</b>											
Total number illiterate.....	51,086	1,467	2,281	1,727	2,029	428	911	8,669	591	10,271	505
Per cent illiterate.....	6.6	6.3	5.7	8.2	4.7	6.6	5.5	5.7	4.9	6.3	4.6
Per cent in 1900.....	6.9	9.1	6.5	7.1	5.2	5.9	9.0	6.3	7.1	5.2	6.0
Native white, number illiterate.....	5,423	193	169	507	263	169	442	361	231	304	218
Per cent illiterate.....	1.2	1.4	0.8	3.1	0.9	3.6	3.3	3.5	2.4	0.4	2.3
Foreign-born white, number illiterate.....	42,347	999	1,956	1,029	1,280	207	330	7,875	282	9,806	268
Per cent illiterate.....	13.7	18.8	10.7	27.9	13.1	16.8	14.1	12.0	16.2	11.6	18.7
Negro, number illiterate.....	3,052	267	145	188	472	52	139	366	76	107	19
Per cent illiterate.....	10.7	6.6	16.0	17.2	16.1	11.0	17.9	6.9	9.0	4.3	16.7
<b>PERSONS 10 YEARS OLD AND OVER.</b>											
Total number.....	2,027,946	59,044	107,703	54,084	113,938	16,015	44,999	410,442	30,474	422,192	28,036
Number illiterate.....	113,502	3,465	5,144	3,083	4,643	854	1,963	22,112	1,217	22,397	992
Per cent illiterate.....	5.6	5.9	4.8	5.7	4.1	5.3	4.4	5.4	4.0	5.3	3.5
Native white, number.....	1,315,063	38,330	66,893	44,429	85,915	12,258	37,866	252,340	25,232	246,328	25,249
Number illiterate.....	12,253	394	389	1,029	661	305	849	1,064	450	1,096	500
Per cent illiterate.....	0.9	1.0	0.6	2.3	0.8	2.5	2.2	0.4	1.8	0.4	2.0
Foreign-born white, number.....	636,848	11,050	38,077	6,788	20,256	2,580	5,048	142,675	3,338	169,643	2,436
Number illiterate.....	93,651	2,304	4,387	1,658	2,858	431	822	19,892	602	20,924	454
Per cent illiterate.....	14.7	20.9	11.5	24.4	14.1	16.7	16.3	13.9	18.0	12.3	18.6
Negro, number.....	74,977	9,576	2,660	2,829	7,680	1,174	2,081	15,065	1,596	5,920	342
Number illiterate.....	7,405	770	354	392	1,108	118	292	1,087	163	316	38
Per cent illiterate.....	9.9	8.0	13.3	13.9	14.4	10.1	14.0	7.2	8.6	5.3	11.1
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>											
Total number.....	516,585	12,884	28,078	12,618	27,939	3,756	11,664	103,278	7,359	114,693	6,263
Number illiterate.....	12,004	817	525	286	449	97	187	2,133	148	2,324	116
Per cent illiterate.....	2.4	2.5	1.9	2.3	1.6	2.6	1.6	2.1	2.0	2.0	1.9
<b>SCHOOL AGE AND ATTENDANCE</b>											
Total number 6 to 20 years, inclusive.....	708,525	17,902	39,724	17,364	38,585	5,237	15,750	141,320	10,069	158,406	8,479
Number attending school.....	440,803	10,953	24,926	10,756	22,801	3,400	9,920	91,158	6,461	95,261	5,724
Per cent attending school.....	62.2	61.2	62.7	61.9	59.1	64.9	63.0	64.5	64.2	60.1	67.5
Number 6 to 9 years.....	191,940	5,018	11,646	4,746	10,646	1,481	4,086	38,042	2,710	43,713	2,216
Number attending school.....	162,920	4,116	9,410	3,982	8,328	1,132	3,508	34,105	2,383	35,389	2,016
Number 10 to 14 years.....	228,695	5,800	13,256	5,550	12,455	1,713	5,209	45,304	3,251	52,018	2,859
Number attending school.....	209,840	5,129	12,056	4,953	11,252	1,562	4,683	42,240	2,978	47,362	2,653
Number 15 to 17 years.....	137,812	3,317	7,467	3,496	7,513	965	3,253	27,597	2,008	30,162	1,763
Number attending school.....	54,589	1,384	2,861	1,507	2,570	547	1,385	11,493	889	10,432	874
Number 18 to 20 years.....	150,078	3,767	7,355	3,572	7,971	1,078	3,202	30,377	2,100	32,513	1,641
Number attending school.....	13,554	324	599	314	651	159	344	3,320	211	2,084	181
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>											
Total number.....	420,635	10,818	24,902	10,296	23,101	3,194	9,205	83,346	5,961	95,731	5,075
Number attending school.....	372,760	9,245	21,466	8,935	19,580	2,694	8,191	76,345	5,361	82,745	4,669
Per cent attending school.....	88.6	85.5	86.2	86.8	84.8	84.3	88.1	91.6	89.9	86.4	92.0
Native white—Native parentage, number.....	185,727	5,713	9,584	7,714	13,519	2,042	6,562	30,925	4,446	31,508	4,341
Number attending school.....	166,369	4,880	8,562	6,757	11,643	1,725	5,879	28,231	4,047	27,374	3,996
Per cent attending school.....	89.6	85.4	89.3	87.6	86.1	84.5	89.6	91.3	91.0	86.9	92.1
Native white—Foreign or mixed parentage, number.....	188,865	3,408	12,781	1,769	7,230	681	1,875	42,005	1,006	55,161	534
Number attending school.....	167,586	2,973	10,938	1,545	6,046	567	1,605	38,806	904	47,923	493
Per cent attending school.....	88.7	87.2	85.6	87.3	83.6	83.3	85.6	92.4	89.9	86.9	92.3
Foreign-born white, number.....	33,387	658	2,026	259	925	231	362	8,053	143	8,081	93
Number attending school.....	27,972	568	1,569	190	735	205	297	7,179	111	6,602	82
Per cent attending school.....	83.8	86.3	77.4	73.4	79.5	88.7	82.0	89.1	77.6	81.7	107
Negro, number.....	12,600	1,038	499	550	1,421	240	496	2,347	298	843	98
Number attending school.....	10,796	824	387	440	1,152	197	410	2,120	298	843	98
Per cent attending school.....	85.7	79.4	77.6	80.0	81.1	82.1	82.7	90.3	81.6	86.4	91.6
<b>DWELLINGS AND FAMILIES</b>											
Dwellings, number.....	407,295	14,001	26,742	15,055	30,890	4,764	12,786	66,551	8,754	55,786	8,144
Families, number.....	558,202	16,070	30,202	15,483	32,358	5,027	13,189	112,025	9,067	114,646	8,694

Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Mercer.	Middle-sex.	Mon-mouth.	Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
<b>POPULATION</b>											
Total population, 1910.....	125,657	114,426	94,734	74,704	21,318	215,902	26,999	38,820	26,781	140,197	43,187
1900.....	95,305	79,762	82,057	65,156	19,747	155,202	25,530	32,948	24,134	99,353	37,781
1890.....	79,978	61,754	69,128	54,101	15,974	105,046	25,151	28,311	22,259	72,467	30,553
1880.....	58,061	52,286	55,538	50,861	14,455	68,860	24,579	27,162	23,539	55,571	36,589
1870.....	46,388	45,020	46,195	43,137	13,628	46,416	23,940	23,510	23,168	41,859	34,336
Increase, 1900-1910.....	30,292	34,664	12,677	9,548	1,571	60,700	1,469	5,872	2,647	40,844	5,406
Per cent of increase.....	31.9	43.5	15.4	14.7	8.0	39.1	5.8	17.8	11.0	41.1	14.3
Increase, 1890-1900.....	15,387	18,008	12,929	11,055	3,773	50,156	379	4,637	1,875	26,886	1,228
Per cent of increase.....	19.2	29.2	18.7	20.4	23.6	47.7	1.5	16.4	8.4	37.1	3.4
Land area (square miles).....	226	312	479	475	637	196	343	305	529	103	362
Population per square mile, 1910.....	556.0	366.8	197.8	157.3	33.5	1,101.5	78.7	127.3	50.6	1,361.1	119.3
Rural population per square mile, 1910.....	104.9	132.5	119.2	88.8	33.5	137.0	59.4	65.6	42.2	166.2	63.5
<b>URBAN AND RURAL TERRITORY.</b>											
Urban, 1910—Places of 2,500 or more in 1910.....	101,951	73,074	37,633	32,546	.....	189,052	6,614	18,819	4,467	123,079	20,185
Same places in 1900.....	77,206	46,846	24,795	26,929	.....	135,044	5,811	15,718	4,376	82,388	16,106
Per cent of increase, 1900-1910.....	32.1	56.0	51.8	20.9	.....	40.0	13.8	19.7	2.1	49.4	25.3
Rural, 1910—Remainder of county in 1910.....	23,706	41,352	57,101	42,158	21,318	26,850	20,385	20,001	22,314	17,118	23,002
Same territory in 1900.....	18,159	32,916	57,262	38,227	19,747	20,158	19,719	17,230	19,758	16,955	21,675
Per cent of increase, 1900-1910.....	30.5	25.6	-0.3	10.3	8.0	33.2	3.4	16.1	12.9	0.9	6.1
Urban, 1900—Places of 2,500 or more in 1900.....	77,206	46,846	24,795	24,860	.....	132,948	5,811	15,718	4,376	80,736	13,632
Rural, 1900—Remainder of county in 1900.....	18,159	32,916	57,262	40,296	19,747	22,254	19,719	17,230	19,758	18,767	24,149
Per cent in places of 2,500 or more, 1910.....	81.1	63.9	39.7	43.6	.....	87.6	24.5	48.5	16.7	87.8	46.7
Per cent in places of 2,500 or more, 1900.....	81.0	58.7	30.2	38.2	.....	85.7	22.8	47.7	18.1	81.3	36.1
<b>COLOR AND NATIVITY</b>											
White.....	120,402	112,539	86,404	72,738	20,861	213,380	23,672	37,393	26,609	134,760	42,817
Number in 1900.....	91,119	77,822	75,089	63,503	19,466	163,098	22,493	31,374	23,970	95,432	37,409
Number in 1890.....	76,452	60,090	64,025	53,151	15,821	103,862	22,340	26,960	22,125	70,245	36,244
Negro.....	5,125	1,846	8,279	1,940	438	2,401	3,324	1,414	168	5,353	364
Number in 1900.....	4,152	1,900	6,907	1,618	270	1,949	3,029	1,559	160	3,874	367
Number in 1890.....	3,467	1,643	5,074	956	153	1,125	2,810	1,348	134	2,702	305
Black.....	4,447	1,069	6,016	1,807	416	2,112	2,566	1,345	153	4,742	336
Mulatto.....	678	177	2,263	133	22	289	758	69	15	611	28
Indian, Chinese, and Japanese (see Tables 1 and 16).....	130	41	51	26	19	121	3	13	4	84	6
Native white—Native parentage.....	56,735	35,480	59,207	39,709	16,865	48,587	19,847	20,118	20,238	50,108	30,878
Number in 1900.....	47,190	31,232	53,787	37,443	16,943	38,722	19,162	18,791	20,561	38,584	29,798
Native white—Foreign or mixed parentage.....	33,558	37,345	15,347	17,173	2,052	79,998	2,182	9,053	2,224	46,059	5,789
Number in 1900.....	25,046	23,717	12,774	13,839	1,454	56,707	1,963	6,096	1,837	32,861	4,695
Native white—Foreign parentage.....	24,880	29,643	10,159	11,598	1,155	61,439	1,649	6,499	1,371	33,402	3,917
Native white—Mixed parentage.....	8,678	7,702	5,188	5,575	897	18,559	5,333	2,554	853	12,657	1,872
Foreign-born white.....	30,109	39,714	11,850	15,856	1,944	84,795	1,643	8,222	4,147	33,593	6,150
Number in 1900.....	18,883	22,823	8,528	12,221	1,069	67,669	1,368	5,887	1,532	23,987	2,916
<b>PER CENT OF TOTAL POPULATION.</b>											
Native white—Native parentage.....	45.2	31.0	62.5	53.2	79.1	22.5	73.5	51.8	75.6	35.7	71.5
Per cent in 1900.....	49.5	39.2	65.5	57.5	85.8	24.9	75.1	67.0	85.2	38.8	78.9
Native white—Foreign or mixed parentage.....	26.7	32.6	16.2	23.0	9.6	37.1	8.1	23.3	8.3	32.9	13.4
Per cent in 1900.....	26.3	29.7	15.6	21.2	7.4	36.5	7.7	20.3	7.8	33.1	12.4
Foreign-born white.....	24.0	34.7	12.5	21.2	9.1	39.3	6.1	21.2	15.5	27.5	14.2
Per cent in 1900.....	19.8	28.6	10.4	18.8	5.4	37.2	5.4	17.9	6.3	24.1	7.7
Negro.....	4.1	1.6	8.7	2.6	2.1	1.1	12.3	3.6	0.6	3.8	0.8
Per cent in 1900.....	4.4	2.4	8.4	2.5	1.4	1.3	11.9	4.7	0.7	3.9	1.0
<b>FOREIGN NATIONALITIES</b>											
<b>FOREIGN-BORN WHITE: Born in—</b>											
Austria.....	2,025	5,903	320	984	55	10,450	36	498	366	5,109	380
Belgium.....	17	5	4	10	4	823	3	10	3	23	2
Canada—French.....	77	94	33	44	1	196	.....	9	2	99	7
Canada—Other.....	214	353	171	239	80	523	12	104	47	539	43
Denmark.....	71	2,043	131	83	11	92	6	71	18	363	54
England.....	4,216	1,159	1,286	1,841	246	6,866	118	534	289	2,881	280
Finland.....	7	20	44	66	7	34	.....	15	6	55	7
France.....	107	357	102	108	29	1,019	12	114	13	277	37
Germany.....	4,865	4,800	1,491	1,640	311	9,869	284	1,272	227	7,247	564
Greece.....	100	41	22	47	11	135	3	20	17	75	8
Holland.....	43	62	74	75	8	8,481	6	58	16	77	43
Hungary.....	5,179	11,936	117	1,987	26	7,562	33	1,002	1,465	2,258	1,926
Ireland.....	3,056	2,959	2,373	2,942	416	6,509	203	927	187	5,805	546
Italy.....	4,928	2,079	2,626	3,411	215	14,426	146	2,503	997	4,635	1,517
Norway.....	23	328	202	66	74	78	6	32	7	390	22
Roumania.....	23	75	31	5	1	67	10	6	1	75	1
Russia.....	3,947	6,772	1,930	813	233	11,282	679	536	345	5,711	456
Scotland.....	682	351	289	424	64	3,228	24	179	45	1,180	87
Sweden.....	220	480	358	604	70	523	35	190	44	874	28
Switzerland.....	90	177	85	148	19	1,879	15	65	18	334	25
Turkey.....	36	106	53	171	33	414	.....	17	.....	201	21
Wales.....	55	65	22	64	6	77	2	15	14	111	33
Other foreign countries.....	128	149	86	84	24	262	10	55	20	274	63
<b>NATIVE WHITE: Both parents born in—</b>											
Austria.....	1,148	3,098	150	546	18	4,510	5	329	59	2,331	207
Canada.....	86	141	66	68	6	202	2	18	9	200	15
Denmark.....	35	1,911	66	43	7	36	2	32	4	205	47
England.....	2,477	852	685	1,527	114	4,490	73	304	191	1,618	123
France.....	42	101	71	48	8	841	2	62	4	218	19
Germany.....	6,110	5,841	1,655	1,592	272	8,280	357	1,460	231	8,647	924
Holland.....	25	29	44	25	3	7,925	14	29	5	34	37
Hungary.....	2,190	4,516	49	698	3	3,277	24	537	183	808	574
Ireland.....	5,176	5,116	3,305	3,460	285	8,791	322	1,177	268	8,331	1,103
Italy.....	2,807	1,203	1,528	1,334	55	7,531	51	1,372	95	2,868	293
Norway.....	4	159	61	6	17	16	1	7	.....	205	5
Russia.....	2,348	3,473	990	432	133	5,744	527	275	99	3,018	157
Scotland.....	326	208	167	175	20	2,112	19	101	25	629	69
Sweden.....	118	336	143	437	29	390	11	70	24	465	15
Switzerland.....	40	70	20	68	4	1,043	2	36	10	174	17
All others of foreign parentage.....	1,948	2,589	1,159	1,139	181	6,751	137	690	164	3,651	312

1 For changes in boundaries, etc., see page 604.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Mercer.	Middlesex.	Monmouth.	Morris.	Ocean. <sup>1</sup>	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
<b>SEX</b>											
Total.. Male.....	65,252	61,178	47,760	38,252	10,583	107,469	14,018	19,956	14,802	70,395	22,698
Female.....	60,405	53,248	46,974	36,452	10,735	108,433	12,981	18,864	11,979	69,802	20,489
White.. Male.....	62,389	60,147	43,776	37,325	10,386	106,225	12,212	19,236	14,710	67,940	22,501
Female.....	58,013	52,392	42,628	35,413	10,475	107,155	11,460	18,157	11,899	66,820	20,316
Negro.. Male.....	2,749	992	3,937	901	179	1,131	1,803	707	88	2,379	191
Female.....	2,376	854	4,342	1,039	259	1,270	1,521	707	80	2,974	173
<b>MALES OF VOTING AGE</b>											
Total number.....	40,554	36,494	30,189	24,045	6,681	62,122	8,564	12,539	9,767	42,490	14,490
Number in 1900.....	29,056	25,491	24,749	19,900	6,939	43,655	7,923	10,230	7,601	29,061	11,551
Native white—Native parentage.....	17,085	9,837	18,010	11,578	5,290	12,450	6,100	6,070	6,366	13,435	9,303
Number in 1900.....	13,380	8,468	15,420	10,630	5,054	9,708	5,803	5,526	6,141	10,183	8,558
Native white—Foreign or mixed parentage.....	6,524	5,939	3,771	3,825	442	12,667	560	1,824	566	9,242	1,440
Number in 1900.....	5,262	4,989	3,154	2,984	350	8,035	530	1,408	508	6,614	1,219
Native white—Foreign parentage.....	4,824	4,502	2,661	2,737	265	9,789	401	1,281	358	6,895	976
Native white—Mixed parentage.....	1,700	1,437	1,110	1,088	177	2,878	159	543	208	2,347	464
Foreign-born white.....	14,880	20,118	5,814	8,063	818	36,186	806	4,224	2,771	18,266	3,634
Number in 1900.....	8,874	12,012	4,020	5,789	440	24,213	653	2,335	908	11,172	1,667
Negro.....	1,978	502	2,551	554	114	714	1,095	410	60	1,475	109
Number in 1900.....	1,475	384	2,100	466	85	554	929	448	41	1,025	102
Indian, Chinese, and Japanese.....	87	38	43	25	17	105	3	11	4	72	4
<b>PER CENT OF TOTAL.</b>											
Native white—Native parentage.....	42.1	27.0	59.7	48.2	79.2	20.0	71.2	48.4	65.2	31.6	64.2
Native white—Foreign or mixed parentage.....	16.1	16.3	12.5	15.9	6.6	20.4	6.5	14.5	5.8	21.8	9.9
Foreign-born white.....	36.7	55.1	19.3	33.5	12.2	58.2	9.4	33.7	28.4	43.0	25.1
Negro.....	4.9	1.5	8.5	2.3	1.7	1.1	12.8	3.3	0.6	3.5	0.8
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>											
Naturalized.....	6,115	6,034	2,433	2,987	349	14,891	314	1,635	309	8,180	782
Having first papers.....	1,077	1,088	465	476	66	2,666	71	167	42	1,544	177
Alien.....	6,612	11,121	2,173	3,774	281	12,932	203	2,021	2,133	7,143	2,149
Unknown.....	1,076	1,875	743	826	122	5,697	213	401	287	1,399	526
<b>ILLITERACY</b>											
<b>ILLITERATE MALES OF VOTING AGE.</b>											
Total number illiterate.....	2,739	4,182	1,509	2,160	238	5,355	457	880	720	3,011	956
Per cent illiterate.....	6.8	11.5	5.0	9.0	3.6	8.6	5.3	7.0	7.4	7.1	6.6
Per cent in 1900.....	7.7	10.6	6.6	8.8	7.4	7.6	7.4	9.0	11.0	7.1	7.4
Native white, number illiterate.....	346	129	382	375	130	314	160	76	287	109	258
Per cent illiterate.....	1.5	0.8	1.8	2.4	2.3	1.3	2.4	1.0	4.1	0.5	2.4
Foreign-born white, number illiterate.....	2,101	3,986	845	1,696	96	4,938	83	736	420	2,744	679
Per cent illiterate.....	14.1	19.8	14.5	21.0	11.7	13.6	10.3	17.4	15.2	15.0	18.7
Negro, number illiterate.....	265	66	278	79	4	78	213	66	13	141	18
Per cent illiterate.....	13.4	11.7	10.9	14.3	3.5	10.9	19.5	16.1	.....	9.6	16.5
<b>PERSONS 10 YEARS OLD AND OVER.</b>											
Total number.....	101,837	89,390	78,181	61,008	17,636	170,363	21,771	31,794	22,189	111,518	35,332
Number illiterate.....	5,589	7,938	3,214	3,910	444	14,751	895	1,699	1,161	6,335	1,676
Per cent illiterate.....	5.5	8.9	4.1	6.4	2.5	8.7	4.1	5.3	5.2	5.7	4.7
Native white, number.....	68,299	49,465	59,729	43,883	15,329	86,530	17,514	22,630	18,006	69,743	29,095
Number illiterate.....	738	331	772	772	229	817	276	176	578	283	544
Per cent illiterate.....	1.1	0.7	1.3	1.8	1.5	0.9	1.6	0.8	3.2	0.4	1.9
Foreign-born white, number.....	29,063	38,402	11,518	15,505	1,910	81,718	1,594	8,002	4,038	37,268	5,939
Number illiterate.....	4,297	7,472	1,755	2,961	189	13,689	203	1,361	557	5,655	1,080
Per cent illiterate.....	14.8	19.5	15.2	19.1	9.9	16.8	12.7	17.0	13.8	15.2	18.2
Negro, number.....	4,350	1,484	6,883	1,594	380	1,996	2,660	1,149	141	4,425	292
Number illiterate.....	515	134	682	167	18	219	415	160	26	380	51
Per cent illiterate.....	11.8	9.0	9.9	10.5	4.7	11.0	15.6	13.9	18.4	8.6	17.5
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>											
Total number.....	25,357	24,029	18,424	14,389	4,021	48,250	5,315	7,522	5,000	27,541	8,145
Number illiterate.....	562	857	310	415	40	2,564	63	165	126	694	176
Per cent illiterate.....	2.2	3.6	1.7	2.9	1.0	5.3	1.2	2.2	2.5	2.5	2.2
<b>SCHOOL AGE AND ATTENDANCE</b>											
Total number 6 to 20 years, inclusive.....	34,182	32,707	25,015	19,569	5,484	65,202	7,396	10,251	6,793	38,077	11,013
Number attending school.....	21,746	19,637	16,957	13,032	3,668	36,606	5,047	7,097	4,189	24,569	7,005
Per cent attending school.....	63.6	60.0	67.8	66.6	66.9	56.1	68.2	69.2	61.7	64.5	63.6
Number 6 to 9 years.....	8,825	8,678	6,591	5,180	1,463	16,952	2,081	2,729	1,733	10,536	2,868
Number attending school.....	7,946	7,336	5,707	4,615	1,177	14,632	1,800	2,545	1,425	8,829	2,539
Number 10 to 14 years.....	10,870	10,340	8,435	6,333	1,857	19,866	2,452	3,414	2,139	12,190	3,384
Number attending school.....	10,001	9,371	7,877	6,038	1,727	17,811	2,274	3,205	1,993	11,519	3,162
Number 15 to 17 years.....	6,783	6,378	4,893	3,787	1,077	13,064	1,428	2,023	1,300	7,295	2,243
Number attending school.....	2,861	2,436	2,692	1,902	635	3,297	814	1,081	632	3,270	1,027
Number 18 to 20 years.....	7,704	7,311	5,096	4,269	1,087	15,320	1,435	2,085	1,621	8,056	2,518
Number attending school.....	938	494	681	477	129	866	159	266	139	941	277
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>											
Total number.....	19,095	19,018	15,026	11,513	3,320	36,818	4,533	6,143	3,872	22,726	6,252
Number attending school.....	17,947	16,707	13,584	10,653	2,904	32,443	4,074	5,750	3,418	20,348	5,701
Per cent attending school.....	91.1	87.8	90.4	92.5	87.5	88.1	89.9	93.6	88.3	89.5	91.2
Native white—Native parentage, number.....	9,291	6,624	9,896	6,864	2,766	9,677	3,387	3,302	3,323	9,280	4,953
Number attending school.....	8,648	5,981	9,009	6,410	2,438	8,623	3,048	3,137	2,985	8,421	4,575
Per cent attending school.....	93.1	90.3	91.0	93.4	88.1	89.1	90.0	95.0	89.8	90.6	92.4
Native white—Foreign or mixed parentage, number.....	8,106	10,000	3,253	3,804	438	21,898	502	2,208	418	10,791	967
Number attending school.....	7,329	8,780	2,979	3,524	376	19,407	470	2,074	348	9,635	864
Per cent attending school.....	90.4	87.8	90.7	92.6	85.8	88.6	93.6	93.9	83.3	89.3	89.3
Foreign-born white, number.....	1,661	2,072	575	547	54	4,903	111	379	116	1,866	267
Number attending school.....	1,404	1,673	457	454	34	4,115	98	320	75	1,601	203
Per cent attending school.....	84.5	80.7	79.5	83.0	.....	83.9	88.3	84.4	64.7	85.8	76.0
Negro, number.....	628	322	1,271	298	60	337	533	254	15	778	65
Number attending school.....	564	273	1,138	265	54	297	458	219	10	690	59
Per cent attending school.....	89.8	84.8	80.5	88.9	.....	88.1	85.9	86.2	.....	88.7	.....
<b>DWELLINGS AND FAMILIES</b>											
Dwellings, number.....	24,114	18,799	21,684	13,983	5,309	27,164	6,513	7,767	5,592	23,020	9,847
Families, number.....	26,235	23,518	22,963	15,736	5,511	45,761	6,701	8,630	6,059	29,961	10,366

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE II.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

SUBJECT.	TOTAL, CITIES NAMED.	Atlantic City.	Bayonne.	Camden. <sup>1</sup>	East Orange. <sup>1</sup>	Elizabeth. <sup>1</sup>	Hoboken.	Jersey City.	Newark. <sup>1</sup>	Orange.	Passaic.	Pater-son.	Perth Am-boy.	Tren-ton. <sup>1</sup>	West Hobo-ken town. <sup>1</sup>
<b>POPULATION</b>															
Total population, 1910.....	1,363,927	46,150	55,545	94,538	34,371	73,409	70,324	267,779	347,469	29,630	54,773	125,600	32,121	96,815	35,403
1900.....	993,187	27,838	32,722	75,935	21,506	52,130	59,364	206,433	246,070	24,141	27,777	105,171	17,699	73,307	23,094
1890.....	693,835	13,055	19,033	58,313	.....	37,764	43,648	163,003	181,830	18,844	13,028	78,347	9,512	57,458	.....
1880.....	478,454	5,477	9,372	41,659	.....	28,229	30,999	120,722	136,508	13,207	6,532	51,031	4,808	29,910	.....
1870.....	315,623	1,043	.....	20,045	.....	20,832	20,297	82,546	105,059	9,348	.....	33,579	.....	22,874	.....
Increase, 1900-1910.....	370,740	18,312	22,823	18,603	12,865	21,279	10,960	61,346	101,399	5,489	26,996	20,429	14,422	23,508	12,309
Per cent of increase.....	37.3	65.8	69.7	24.5	59.8	40.8	18.5	29.7	41.2	22.7	97.2	19.4	81.5	32.1	53.3
Increase, 1890-1900.....	290,352	14,783	13,089	17,622	21,506	14,366	15,716	43,430	64,240	5,297	14,749	26,824	8,187	15,849	23,094
Per cent of increase.....	43.1	113.2	71.9	30.2	.....	38.0	36.0	26.6	35.3	28.1	113.2	34.2	86.1	27.6	.....
<b>COLOR AND NATIVITY</b>															
White.....	1,320,333	36,231	54,946	88,391	32,436	72,000	70,161	261,659	337,742	27,129	54,212	123,969	31,945	94,198	35,314
Number in 1900.....	960,939	21,297	32,357	70,288	20,069	50,963	59,200	202,510	239,108	22,210	37,313	103,859	17,699	71,149	23,051
Number in 1890.....	676,047	10,921	18,354	53,392	.....	36,967	43,564	160,766	177,559	17,988	12,829	77,644	9,437	55,796	.....
Negro.....	42,669	9,834	561	6,076	1,907	1,381	120	5,960	9,475	2,479	535	1,539	165	2,581	56
Number in 1900.....	31,217	6,513	335	5,376	1,420	1,139	101	3,704	6,694	1,903	1,182	89	89	2,096	22
Number in 1890.....	17,677	2,119	169	4,803	.....	789	59	2,099	4,141	842	192	641	72	1,697	.....
Black.....	36,143	8,441	409	5,093	1,728	1,253	95	5,233	7,741	1,908	390	1,422	139	2,173	53
Number in 1900.....	6,526	1,393	92	983	179	123	25	727	1,734	571	145	117	26	408	3
Indian.....	31	2	.....	7	1	2	.....	6	12	.....	1	.....	.....	.....	.....
Chinese.....	804	48	36	63	18	25	42	149	231	21	25	86	10	36	14
Japanese.....	90	35	1	9	1	1	1	5	9	1	1	5	1	19	.....
Native white—Native parentage.....	399,605	22,410	11,301	49,581	18,253	20,298	13,463	74,861	94,737	8,341	7,536	28,392	5,095	38,679	6,658
Number in 1900.....	306,181	13,915	7,937	43,113	10,806	15,353	10,924	57,197	71,552	6,836	6,155	23,897	3,463	32,109	3,945
Native white—Foreign or mixed par- entage.....	496,288	7,421	23,123	23,128	8,506	27,808	29,030	109,101	132,550	10,719	18,209	50,179	12,562	29,209	14,943
Number in 1900.....	369,867	4,276	13,696	17,176	5,341	20,895	26,966	87,152	96,506	8,282	9,279	41,296	6,170	22,311	10,010
Native white—Foreign parentage.....	377,513	4,998	18,710	10,057	5,252	20,921	23,073	83,327	100,378	8,004	15,541	37,157	10,762	22,057	11,276
Native white—Mixed parentage.....	118,775	2,423	4,413	7,071	3,254	6,887	5,957	25,774	31,972	2,715	2,668	13,022	1,800	7,152	3,667
Foreign-born white.....	424,440	6,400	20,522	15,822	5,677	23,894	27,668	77,697	110,655	8,069	28,467	45,398	14,288	26,310	13,713
Number in 1900.....	284,891	5,076	10,750	10,000	3,922	14,735	21,310	58,161	71,050	6,551	12,879	38,666	7,966	16,729	9,096
<b>PER CENT OF TOTAL POPULATION.</b>															
Native white—Native parentage.....	29.3	48.6	20.3	52.4	53.1	27.7	19.1	28.0	27.3	28.2	13.8	22.6	15.9	40.0	18.8
Per cent in 1900.....	30.8	60.0	24.3	66.8	50.2	29.4	18.4	27.7	29.1	28.2	18.6	22.7	19.6	43.8	17.1
Native white—Foreign or mixed par- entage.....	36.4	16.1	24.3	24.5	24.7	37.9	41.3	40.7	38.1	36.2	33.2	40.0	39.1	30.2	42.2
Per cent in 1900.....	37.2	15.4	41.8	22.6	24.8	37.9	41.3	40.7	38.1	36.2	33.2	40.0	39.1	30.2	42.2
Foreign-born white.....	31.1	13.9	36.9	16.6	16.5	32.5	39.3	29.0	31.8	27.2	52.0	36.1	44.5	27.2	38.7
Per cent in 1900.....	28.7	11.0	32.9	18.2	18.2	28.3	35.9	28.2	28.9	27.1	46.4	36.8	45.0	22.8	59.4
Negro.....	3.1	21.3	1.0	6.4	5.5	1.9	0.2	2.2	2.7	8.4	1.0	1.2	0.5	2.7	0.2
Per cent in 1900.....	3.1	23.4	1.0	7.3	6.6	2.2	0.2	1.8	2.7	7.9	1.6	1.1	0.5	2.9	0.1
<b>SEX</b>															
Total.....	689,401	22,997	29,527	47,396	15,287	37,971	36,675	137,457	173,389	14,466	26,549	62,439	17,359	50,231	17,658
Male.....	674,526	23,153	26,018	47,142	19,084	35,438	33,649	130,322	174,080	15,164	28,224	63,161	14,762	46,584	17,745
Female.....	607,932	18,074	29,225	44,381	14,546	37,291	36,572	134,285	168,680	13,301	26,284	61,644	17,274	48,771	17,604
White.....	652,401	18,157	25,721	44,010	17,890	34,709	33,589	127,374	169,062	13,828	27,828	62,325	14,671	45,427	17,710
Negro.....	20,606	4,851	266	2,949	715	654	60	3,020	4,477	1,143	239	710	74	1,424	24
Female.....	22,063	4,983	295	3,127	1,192	727	60	2,940	4,998	1,336	296	829	91	1,157	32
<b>FOREIGN NATIONALITIES</b>															
<b>FOREIGN-BORN WHITE: Born in—</b>															
Austria.....	42,153	218	2,452	972	147	4,117	1,368	4,978	12,963	182	8,748	883	2,749	1,822	554
Belgium.....	1,371	17	4	22	8	12	230	173	70	4	30	731	1	13	56
Canada—French.....	809	17	27	26	15	53	37	107	109	10	22	155	44	74	23
Canada—Other.....	4,423	168	258	249	299	216	137	998	1,112	108	123	332	200	153	72
Denmark.....	3,049	24	72	45	71	112	266	346	360	49	32	44	1,540	46	42
England.....	29,236	749	1,076	2,053	970	1,367	934	4,626	6,697	593	723	5,271	3,492	407	.....
Finland.....	1,013	6	21	75	26	7	73	681	68	15	19	6	6	5	5
France.....	3,334	102	67	114	71	117	107	595	697	40	48	824	35	70	447
Germany.....	78,884	835	1,706	3,754	969	4,900	10,018	16,131	22,177	1,001	2,097	5,741	1,201	4,149	4,205
Greece.....	1,160	75	7	22	6	44	106	179	297	174	32	101	27	88	2
Holland.....	7,212	10	14	12	17	39	410	243	202	8	1,247	4,929	22	35	24
Hungary.....	27,477	114	1,795	271	121	1,457	521	1,084	6,029	80	6,534	483	3,887	4,980	121
Ireland.....	53,065	932	3,444	1,852	1,403	3,345	3,077	16,124	11,225	2,024	1,079	4,971	547	2,480	562
Italy.....	71,448	1,383	1,738	2,331	361	2,226	6,555	12,060	20,493	2,960	2,972	9,317	566	4,268	4,213
Norway.....	3,068	27	79	199	61	257	1,047	1,360	190	43	35	23	218	9	120
Roumania.....	1,805	50	118	47	3	33	52	196	1,160	22	36	25	42	12	9
Russia.....	70,420	1,148	6,897	2,609	262	4,284	1,639	13,667	21,912	352	3,942	6,861	2,454	3,722	697
Scotland.....	10,282	158	317	364	310	664	338	1,667	2,545	193	421	2,468	125	532	180
Sweden.....	4,397	64	204	163	388	254	393	1,280	782	88	166	176	228	134	77
Switzerland.....	4,052	59	58	119	42	181	221	553	779	35	77	1,466	37	63	962
Turkey.....	1,934	124	27	59	18	9	42	141	175	44	22	388	25	24	836
Wales.....	649	29	56	42	20	67	13	139	106	7	17	51	38	46	18
Other foreign countries.....	1,993	91	85	282	89	133	84	369	417	39	45	152	.....	93	76
<b>NATIVE WHITE: Both parents born in—</b>															
Austria.....	20,819	117	1,466	387	30	1,822	423	2,526	7,113	107	3,547	419	1,590	1,051	221
Canada.....	1,570	19	102	86	77	91	74	341	361	31	47	137	83	71	50
Denmark.....	2,184	9	33	19	21	82	213	160	12	11	22	1,506	18	16	18
England.....	17,844	313	605	1,203	684	777	551	2,968	4,020	327	368	3,510	143	2,130	245
France.....	1,938	36	44	73	37	113	80	425	513	2					

# STATISTICS OF POPULATION.

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## POPULATION FOR CITIES OF 25,000 OR MORE.

[Per cent not shown where base is less than 100.]

SUBJECT.	TOTAL, CITIES NAMED.	Atlantic City.	Bay- onne.	Cam- den. <sup>1</sup>	East Or- ange. <sup>1</sup>	Eliza- beth. <sup>1</sup>	Hobo- ken.	Jersey City.	New- ark. <sup>1</sup>	Orange.	Passaic.	Pater- son.	Perth Am- boy.	Tren- ton. <sup>1</sup>	West Hobo- ken. <sup>1</sup>
<b>MALES OF VOTING AGE</b>															
<b>Total number</b> .....	411,455	15,626	16,453	28,826	9,764	22,606	22,320	80,866	103,234	8,493	14,924	36,873	9,994	31,203	10,273
<i>Number in 1900</i> .....	288,000	9,368	9,308	22,249	5,774	15,191	17,089	60,319	70,558	6,649	7,552	29,648	5,782	22,110	6,408
Native white—Native parentage.....	104,442	7,056	2,748	14,374	5,106	4,979	3,138	17,336	24,386	2,019	1,861	7,115	1,416	11,629	1,279
<i>Number in 1900</i> .....	77,530	4,263	2,026	12,053	2,909	3,664	2,183	13,444	17,656	1,609	1,350	5,774	931	8,980	638
Native white—Foreign or mixed par.....	95,517	1,748	3,396	5,053	2,132	5,488	5,539	23,574	25,938	2,073	1,961	9,046	1,316	5,479	2,774
<i>Number in 1900</i> .....	71,592	1,164	2,093	3,995	1,162	4,156	4,877	18,300	19,195	1,763	1,183	6,923	632	4,544	1,665
Native white—Foreign parentage.....	73,639	1,195	2,669	3,476	1,414	4,249	4,602	18,809	19,654	1,607	1,556	7,001	1,050	4,104	2,253
Native white—Mixed parentage.....	21,878	553	727	1,577	718	1,239	937	4,765	6,284	466	405	2,045	266	1,375	521
Foreign-born white.....	196,315	2,996	10,109	7,397	2,079	11,713	13,562	37,707	49,674	3,660	10,920	20,182	7,201	12,938	6,177
<i>Number in 1900</i> .....	127,908	1,325	5,066	4,504	1,396	7,034	9,936	27,104	31,483	2,774	4,894	16,475	4,183	7,710	4,024
Negro.....	14,370	3,756	166	1,945	422	400	39	2,104	3,015	720	156	453	50	1,124	20
<i>Number in 1900</i> .....	9,993	2,564	90	1,691	290	310	32	1,260	1,966	478	104	25	820	6	6
Indian, Chinese, and Japanese.....	811	70	34	57	25	26	42	145	221	21	26	77	11	33	23
<b>PER CENT OF TOTAL.</b>															
Native white—Native parentage.....	25.4	45.2	16.7	49.9	52.3	22.0	14.1	21.4	23.6	23.8	12.5	19.3	14.2	37.3	12.5
Native white—Foreign or mixed par.....	23.2	11.2	20.6	17.5	21.8	24.3	24.8	29.2	25.1	24.4	13.1	24.5	13.2	17.6	27.0
Foreign-born white.....	47.7	19.2	61.4	25.7	21.3	51.8	60.8	46.6	48.1	43.1	73.2	54.7	72.1	41.5	60.1
Negro.....	3.5	24.0	1.0	6.7	4.3	1.8	0.2	2.6	2.9	8.5	1.0	1.2	0.5	3.6	0.2
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>															
Naturalized.....	82,572	1,170	3,364	3,041	1,187	5,036	5,796	16,556	21,427	1,822	2,967	9,817	2,231	5,253	2,905
Having first papers.....	16,890	312	719	486	121	1,077	1,447	3,067	4,982	324	747	1,387	489	943	789
Alien.....	76,746	822	5,290	2,952	436	4,572	5,238	14,404	19,204	1,919	5,231	6,029	3,193	5,736	1,728
Unknown.....	20,107	692	736	918	335	1,028	1,081	3,680	4,061	323	1,975	2,949	568	1,006	755
<b>ILLITERACY</b>															
<b>ILLITERATE MALES OF VOTING AGE.</b>															
<b>Total number illiterate</b> .....	28,024	748	1,852	1,478	108	1,937	1,106	5,519	6,227	654	2,241	2,584	1,161	2,187	222
<i>Per cent illiterate</i> .....	6.8	4.8	11.3	5.1	1.1	8.6	5.0	6.8	7.7	7.7	15.0	7.0	11.6	7.0	2.2
<i>Per cent in 1900</i> .....	6.3	4.9	9.9	4.3	1.6	8.4	3.5	5.1	6.5	9.8	18.4	6.3	15.7	7.7	1.8
Native white, number illiterate.....	1,141	62	27	145	13	60	22	141	261	15	29	131	13	214	8
<i>Per cent illiterate</i> .....	0.6	0.7	0.4	0.7	0.2	0.6	0.3	0.3	0.5	0.4	0.8	0.8	0.5	1.3	0.2
Foreign-born white, number illiterate.....	25,540	433	1,807	1,029	64	1,827	1,081	5,267	5,694	587	2,189	2,383	1,144	1,828	207
<i>Per cent illiterate</i> .....	13.0	14.5	17.9	13.9	3.1	15.6	8.0	14.0	11.5	16.0	20.0	11.8	15.9	14.1	3.4
Negro, number illiterate.....	1,160	236	13	291	30	39	.....	76	216	51	20	50	4	132	2
<i>Per cent illiterate</i> .....	8.1	6.3	7.8	15.0	7.1	9.8	.....	3.6	7.2	7.1	12.8	11.0	.....	11.7	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>															
<b>Total number</b> .....	1,083,184	38,942	41,417	75,743	28,954	57,455	56,511	211,457	275,974	23,408	42,184	100,817	23,981	78,296	28,025
<i>Number illiterate</i> .....	66,856	1,767	3,757	3,314	367	3,943	2,533	11,797	16,553	1,535	6,684	6,927	2,368	4,633	678
<i>Per cent illiterate</i> .....	6.2	4.5	9.1	4.4	1.3	6.9	4.5	5.6	6.0	6.6	15.8	6.9	9.9	5.9	2.4
Native white, number.....	636,277	23,876	21,196	55,456	21,746	33,341	29,653	130,677	161,527	13,449	14,353	55,635	10,050	50,600	14,718
<i>Number illiterate</i> .....	3,403	144	83	358	39	153	109	567	775	68	104	427	46	495	35
<i>Per cent illiterate</i> .....	0.5	0.6	0.4	0.6	0.2	0.5	0.4	0.4	0.5	0.5	0.7	0.8	0.5	1.0	0.2
Foreign-born white, number.....	409,916	6,194	19,752	15,221	5,604	22,984	26,707	75,677	106,316	7,893	27,353	43,805	13,701	25,388	13,231
<i>Number illiterate</i> .....	60,202	936	3,634	2,241	210	3,686	2,420	10,952	15,131	1,311	6,523	6,333	2,313	3,879	633
<i>Per cent illiterate</i> .....	14.7	15.1	18.4	14.7	3.7	16.0	9.1	14.5	14.2	16.6	23.8	14.5	16.8	15.3	4.8
Negro, number.....	36,075	8,793	434	4,998	1,576	1,102	108	4,948	7,888	2,044	452	1,287	129	2,272	44
<i>Number illiterate</i> .....	3,056	670	34	701	117	93	1	240	589	155	54	146	9	244	3
<i>Per cent illiterate</i> .....	8.5	7.6	7.8	14.0	7.4	8.4	0.9	4.9	7.5	7.6	11.9	11.3	7.0	10.7	.....
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>															
<b>Total number</b> .....	282,502	7,512	11,853	18,654	6,084	14,823	15,017	56,809	71,338	5,906	13,568	26,764	6,745	19,758	7,671
<i>Number illiterate</i> .....	7,897	174	322	356	54	435	259	1,403	1,542	128					



TABLE III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 10,000 TO 25,000.

SUBJECT.	TOTAL, PLACES NAMED.	Asbury Park. <sup>1</sup>	Bloom- field.	Bridge- ton.	Garfield.	Hacken- sack.	Harrison.	Irving- ton. <sup>1</sup>	Kearny.
<b>COLOR AND NATIVITY</b>									
Total population, 1910.....	271,836	10,150	15,070	14,209	10,213	14,050	14,498	11,877	18,659
1900.....	184,877	4,148	9,668	13,913	3,504	9,443	10,596	5,255	10,896
Native white—Native parentage.....	114,763	5,278	5,973	11,499	543	5,757	2,979	4,877	5,310
Native white—Foreign or mixed parentage.....	81,070	1,527	5,241	1,217	4,297	4,250	6,167	4,442	7,257
Foreign-born white.....	64,063	1,404	3,359	691	5,365	3,255	5,257	2,480	6,024
Negro.....	11,592	1,934	490	801	6	773	84	76	61
Indian, Chinese, and Japanese.....	148	7	7	1	2	15	11	2	7
<b>FOREIGN NATIONALITIES</b>									
<b>FOREIGN-BORN WHITE: Born in—</b>									
Austria.....	3,195	40	119	54	973	154	158	162	60
Canada.....	1,065	25	82	14	10	84	53	62	107
Denmark.....	553	1	30	5	9	10	33	10	75
England.....	6,285	180	519	79	59	222	653	261	1,508
Finland.....	160		6		1	21	9		10
France.....	522	5	17	9	21	20	23	26	44
Germany.....	12,075	109	747	154	910	838	656	1,346	510
Greece.....	217	5		2		5	9	2	3
Holland.....	621	1	19	1	437	55	7	13	6
Hungary.....	4,854	5	15	9	1,210	36	148	76	47
Ireland.....	9,464	140	435	68	52	252	1,168	114	1,052
Italy.....	11,108	489	304	130	1,272	1,149	651	100	267
Norway.....	458	3	22	2	4	9	30		69
Russia.....	5,841	296	638	110	315	185	1,030	152	340
Scotland.....	3,031	33	122	17	58	88	488	42	1,130
Sweden.....	2,373	12	188	7	3	32	92	25	711
Switzerland.....	717	7	38	2	12	23	20	52	18
Turkey.....	264	32	7	2		29	1		6
Wales.....	114	3	13	2		8	7	10	11
Other foreign countries.....	545	18	38	22	19	35	21	27	50
<b>NATIVE WHITE: Both parents born in—</b>									
Austria.....	1,848	19	52	3	804	99	68	88	18
Canada.....	318	13	34	4	6	17	13	24	35
Denmark.....	268	1	20	7	2	11	8	2	30
England.....	3,671	96	364	44	39	141	336	216	860
France.....	310	9	6	8	10	9	15	18	23
Germany.....	16,131	136	1,052	277	433	1,067	785	1,819	687
Holland.....	483	2	19	4	333	55	7	11	4
Hungary.....	1,896	3	7	6	771	18	57	49	14
Ireland.....	13,059	167	695	84	88	348	1,745	222	1,134
Italy.....	7,032	301	239	77	919	674	499	47	257
Norway.....	170	1	4	2			35		11
Russia.....	3,381	201	383	80	229	88	442	96	178
Scotland.....	1,662	42	77	7	28	70	224	39	564
Sweden.....	1,321	1	111	4		13	61	10	489
Switzerland.....	339		24	17	9	7	18	48	13
All others of foreign parentage <sup>2</sup> .....	6,227	100	517	95	231	308	465	344	836
<b>SEX</b>									
Total.....	133,673	4,739	7,361	7,044	5,174	6,862	7,534	5,903	9,605
Male.....	138,243	5,411	7,709	7,165	5,039	7,188	8,064	5,974	9,054
Female.....									
White.....	128,271	3,895	7,126	6,600	5,170	6,487	7,486	5,869	9,563
Male.....	131,625	4,314	7,447	6,747	5,035	6,775	6,917	5,930	9,028
Negro.....	5,261	837	228	383	2	360	41	32	35
Female.....	6,631	1,097	262	418	4	413	43	44	25
<b>MALES OF VOTING AGE</b>									
Total number.....	79,735	3,159	4,314	4,452	2,576	4,110	4,297	3,379	5,738
Native white—Native parentage.....	31,354	1,617	1,528	3,571	117	1,584	654	1,093	1,562
Native white—Foreign or mixed parentage.....	16,254	296	1,096	333	210	822	1,109	1,070	1,253
Foreign-born white.....	28,651	631	1,544	330	2,245	1,473	2,503	1,192	2,888
Negro.....	3,341	608	139	217	2	218	24	22	29
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>									
Naturalized.....	13,038	298	808	131	679	564	1,046	737	1,430
Having first papers.....	2,155	49	91	17	196	81	171	109	241
Alien.....	10,072	231	506	98	1,199	599	1,069	231	827
Unknown.....	3,386	53	139	84	171	229	217	115	390
<b>ILLITERACY</b>									
Total number 10 years old and over.....	218,145	8,476	11,953	11,898	7,131	11,218	11,203	9,406	14,956
Number illiterate.....	9,674	190	467	345	390	487	807	163	221
Native white 10 years old and over.....	146,007	5,426	8,275	10,579	2,032	7,432	6,060	6,909	9,070
Number illiterate.....	1,014	17	19	155	5	20	47	15	11
Foreign-born white 10 years old and over.....	62,102	1,347	3,281	667	5,092	3,146	5,067	2,431	5,824
Number illiterate.....	7,877	105	433	106	385	410	741	142	210
Negro 10 years old and over.....	9,890	1,696	390	651	5	625	66	64	55
Number illiterate.....	754	68	15	84		51	17	6	
Illiterate males of voting age.....	4,202	68	209	152	69	218	350	54	93
<b>SCHOOL AGE AND ATTENDANCE</b>									
Total number 6 to 20 years, inclusive.....	75,856	2,393	4,224	3,731	3,323	3,797	4,357	3,402	5,561
Number attending school.....	47,139	1,674	2,872	2,262	1,438	2,457	2,341	2,220	3,295
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>									
Total number.....	44,737	1,427	2,547	2,093	2,128	2,295	2,591	2,091	3,327
Number attending school.....	39,307	1,277	2,392	1,892	1,384	2,059	2,153	1,933	2,739
Native white—Native parentage, number.....	20,711	745	1,124	1,692	116	1,029	701	1,150	1,029
Number attending school.....	18,721	711	1,063	1,534	100	955	603	1,067	891
Native white—Foreign or mixed parentage, number.....	19,224	369	1,241	220	1,553	972	1,576	864	1,993
Number attending school.....	16,610	310	1,173	202	991	879	1,294	797	1,605
Foreign-born white, number.....	3,067	105	33	33	456	165	294	71	292
Number attending school.....	2,440	82	83	28	291	128	242	64	235
Negro, number.....	1,732	208	79	148	3	129	18	6	8
Number attending school.....	1,535	174	73	128	2	97	14	5	7
<b>DWELLINGS AND FAMILIES</b>									
Dwellings, number.....	46,690	2,237	2,661	3,379	1,376	2,685	1,659	1,991	2,676
Families, number.....	59,940	2,519	3,164	3,497	2,052	3,163	2,944	2,722	3,794

<sup>1</sup> For changes in boundaries, etc., see page 604.

<sup>2</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

STATISTICS OF POPULATION.

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TABLE III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 10,000 TO 25,000—Contd.

SUBJECT.	Long Branch. <sup>1</sup>	Millville.	Montclair.	Morris-town.	New Bruns-wick.	Phillips-burg. <sup>1</sup>	Plain-field.	Union.	West New York.	West Orange.
<b>COLOR AND NATIVITY</b>										
Total population, 1910.....	13,298	12,451	21,550	12,507	23,388	13,903	20,550	21,023	13,560	10,980
1900.....	8,872	10,583	13,962	11,267	20,006	10,052	15,369	15,187	5,287	6,889
Native white—Native parentage.....	6,777	10,203	8,974	5,615	9,897	8,962	9,407	5,061	3,797	3,854
Native white—Foreign or mixed parentage.....	2,741	1,404	4,931	3,235	6,736	2,965	5,146	9,255	6,060	4,199
Foreign-born white.....	2,529	726	5,141	2,657	6,048	1,912	4,144	6,665	3,556	2,850
Negro.....	1,248	116	2,485	991	690	64	1,833	29	147	64
Indian, Chinese, and Japanese.....	3	2	19	9	17	.....	20	13	.....	13
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	47	12	65	.....	.....	.....	.....	.....	.....	.....
Canada.....	25	12	104	22	276	101	217	522	137	76
Denmark.....	6	1	70	70	62	13	132	67	45	38
England.....	154	95	34	23	25	3	152	66	30	40
Finland.....	11	.....	558	292	286	135	512	242	207	324
France.....	15	13	33	27	2	.....	19	9	5	7
Germany.....	240	154	20	20	22	24	40	103	61	24
Greece.....	1	6	417	141	818	250	414	3,004	1,434	533
Holland.....	5	.....	8	6	14	3	11	7	.....	136
Hungary.....	39	6	15	1	10	4	17	15	10	5
Ireland.....	302	94	53	31	2,463	373	57	168	60	58
Italy.....	1,070	136	1,176	894	919	379	1,037	300	256	766
Norway.....	19	.....	1,517	798	344	418	499	891	782	291
Russia.....	471	145	44	10	7	4	39	82	49	65
Scotland.....	36	18	159	107	580	104	456	514	107	132
Sweden.....	61	8	184	98	72	44	216	121	104	160
Switzerland.....	14	6	537	78	41	6	214	185	81	92
Turkey.....	1	5	55	13	23	11	25	194	152	49
Wales.....	1	1	14	5	44	17	20	48	28	6
Other foreign countries.....	12	14	8	17	2	6	8	57	2	41
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	16	1	16	11	133	111	86	192	89	42
Canada.....	11	2	49	11	11	5	29	22	20	12
Denmark.....	4	.....	11	17	14	1	84	30	8	18
England.....	72	60	289	134	235	62	248	179	118	178
France.....	8	8	6	4	16	12	38	71	37	12
Germany.....	263	252	455	147	1,164	500	526	3,760	2,108	700
Holland.....	3	1	12	.....	4	5	7	14	2	.....
Hungary.....	9	7	8	9	692	125	25	62	32	.....
Ireland.....	414	201	1,037	1,065	1,595	800	1,158	772	525	1,009
Italy.....	746	75	595	379	240	152	279	502	689	362
Norway.....	.....	.....	2	2	2	2	14	39	37	21
Russia.....	286	92	51	78	316	34	303	370	85	69
Scotland.....	13	9	120	40	49	45	123	64	80	63
Sweden.....	27	1	239	25	19	5	77	116	88	35
Switzerland.....	4	3	13	7	5	6	11	82	47	25
All others of foreign parentage <sup>2</sup> .....	201	136	403	225	347	137	519	544	394	425
<b>SEX</b>										
Total..... Male.....	6,789	6,383	9,852	5,871	11,133	6,918	9,535	10,547	6,890	5,533
Female.....	6,509	6,068	11,698	6,636	12,255	6,985	11,015	10,476	6,670	5,447
White..... Male.....	6,212	6,325	8,825	5,416	10,798	6,885	8,729	10,518	6,816	5,491
Female.....	5,835	6,008	10,221	6,091	11,883	6,954	9,968	10,463	6,597	5,412
Negro..... Male.....	574	56	1,009	446	318	33	788	16	74	29
Female.....	674	60	1,476	545	372	31	1,045	13	73	35
<b>MALES OF VOTING AGE</b>										
Total number.....	4,286	3,692	6,086	3,561	6,863	4,245	5,962	6,164	3,633	3,218
Native white—Native parentage.....	2,137	2,950	2,483	1,548	2,700	2,464	2,755	1,082	614	915
Native white—Foreign or mixed parentage.....	520	364	927	623	1,680	777	1,017	1,948	1,270	939
Foreign-born white.....	1,250	337	2,023	1,115	2,278	991	1,670	3,133	1,712	1,336
Negro.....	376	39	635	266	188	13	504	8	37	16
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	496	152	771	562	846	417	830	1,723	920	628
Having first papers.....	49	16	155	68	196	49	102	288	197	80
Alien.....	601	100	682	404	889	498	587	808	428	315
Unknown.....	104	69	415	81	347	27	151	314	167	313
<b>ILLITERACY</b>										
Total number 10 years old and over.....	10,839	10,004	17,982	10,371	19,101	11,255	17,034	16,573	10,108	8,637
Number illiterate.....	640	551	1,122	811	797	523	789	366	708	297
Native white 10 years old and over.....	7,378	9,201	10,872	6,934	12,670	9,347	11,409	10,089	6,533	5,791
Number illiterate.....	54	320	34	22	53	155	37	9	30	11
Foreign-born white 10 years old and over.....	2,448	705	5,001	2,611	5,869	1,861	4,053	6,448	3,470	2,781
Number illiterate.....	500	218	958	695	695	359	608	352	678	282
Negro 10 years old and over.....	1,010	96	2,090	817	545	47	1,553	23	105	52
Number illiterate.....	86	13	125	87	49	9	143	.....	.....	1
Illiterate males of voting age.....	277	261	571	456	301	205	323	158	315	152
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive.....	3,543	3,672	5,527	3,300	6,296	3,817	5,162	6,220	4,432	3,099
Number attending school.....	2,416	2,144	3,758	2,302	3,499	2,385	3,604	3,555	2,964	1,953
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	2,146	2,117	3,078	1,940	3,320	2,152	2,953	3,767	2,839	1,926
Number attending school.....	1,933	1,872	2,795	1,823	2,834	1,962	2,776	3,210	2,615	1,658
Native white—Native parentage, number.....	1,079	1,795	1,467	900	1,795	1,598	1,366	1,239	1,118	828
Number attending school.....	986	1,589	1,332	850	1,522	1,470	1,275	1,022	1,032	719
Native white—Foreign or mixed parentage, number.....	705	272	1,111	787	1,153	479	1,173	2,197	1,542	1,012
Number attending school.....	619	238	1,022	747	970	432	1,117	1,916	1,425	872
Foreign-born white, number.....	151	37	193	88	308	58	164	325	144	80
Number attending school.....	128	32	162	81	230	45	150	267	129	63
Negro, number.....	211	13	307	165	124	17	249	6	35	6
Number attending school.....	200	13	279	145	112	15	233	5	29	4
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	2,881	2,812	3,479	2,087	3,868	3,086	3,928	2,425	1,643	1,817
Families, number.....	3,157	2,860	4,309	2,636	5,227	3,187	4,496	4,999	2,919	2,295

<sup>1</sup> For changes in boundaries, etc., see page 604.

<sup>2</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE IV.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 2,500 TO 10,000.

SUBJECT.	TOTAL, PLACES NAMED.	Boonton. <sup>1</sup>	Bordentown.	Bound-brook.	Burlington.	Carlstadt. <sup>1</sup>	Cliff-side Park.	Col-lings-wood.	Dover.	East Newark.	East Rutherford.	Edge-water. <sup>1</sup>	Engle-wood.	Flem-ington.
<b>SEX, COLOR, AND NATIVITY</b>														
Total population, 1910	271,347	4,930	4,250	3,970	8,336	3,807	3,394	4,795	7,468	3,163	4,275	2,655	9,924	2,693
1900	174,845	3,901	4,110	2,622	7,392	2,574	968	1,633	5,938	2,500	2,640	1,006	6,253	2,145
Male	135,118	2,516	2,068	2,087	4,167	1,922	1,781	2,232	3,749	1,594	2,128	1,502	4,505	1,317
Female	136,229	2,414	2,182	1,883	4,169	1,885	1,613	2,563	3,719	1,569	2,147	1,153	5,419	1,376
Native white—Native parentage	125,504	2,495	3,047	1,389	5,251	789	713	3,608	4,130	430	1,111	931	3,700	2,088
Native white—Foreign or mixed parentage	73,966	1,311	639	1,302	1,305	1,714	1,371	824	1,978	1,514	1,830	802	2,943	298
Foreign-born white	60,771	1,090	349	1,242	1,235	1,272	1,307	289	1,313	1,215	1,187	921	2,500	241
Negro	10,866	31	213	33	538	31	3	72	43	3	147	1	777	65
Indian, Chinese, and Japanese	150	3	2	4	7	1	.....	2	4	1	.....	.....	4	1
<b>MALES OF VOTING AGE</b>														
Total number	82,335	1,516	1,315	1,205	2,664	1,075	1,103	1,427	2,296	891	1,182	977	2,694	896
Native white—Native parentage	34,780	694	875	429	1,573	120	184	1,005	1,125	93	221	292	917	641
Native white—Foreign or mixed parentage	15,194	306	206	154	268	357	243	491	248	360	193	611	85	
Foreign-born white	29,112	505	162	606	654	591	675	146	667	546	561	492	950	163
Naturalized	12,078	207	63	212	122	331	268	97	385	255	297	138	422	45
Negro	3,121	8	70	12	162	6	1	11	10	3	40	.....	213	16
<b>ILLITERACY</b>														
Total persons 10 years old and over	218,668	3,957	3,538	3,068	6,893	2,967	2,578	3,995	6,065	2,467	3,271	2,133	7,994	2,299
Number illiterate	11,450	235	181	83	298	32	502	17	222	131	42	289	309	32
Native white 10 years old and over	150,521	2,866	3,021	1,829	5,255	1,713	1,310	3,639	4,751	1,312	2,017	1,267	4,940	2,008
Number illiterate	1,161	38	54	6	48	5	.....	7	84	15	3	2	23	25
Foreign-born white 10 years old and over	58,936	1,059	341	1,204	1,178	1,293	1,265	287	1,273	1,151	1,143	865	2,432	241
Number illiterate	9,259	191	111	76	194	27	501	4	134	116	36	287	205	5
Negro 10 years old and over	9,062	29	174	31	453	20	3	67	37	3	111	1	618	49
Number illiterate	1,013	6	16	1	55	.....	1	6	1	.....	3	.....	81	2
Illiterate males of voting age	5,416	113	86	47	159	12	288	3	95	61	16	195	138	10
<b>SCHOOL AGE AND ATTENDANCE</b>														
Total number 6 to 20 years, inclusive	73,455	1,360	1,084	1,136	2,075	1,172	876	1,161	2,022	969	1,338	693	2,621	605
Number attending school	47,911	878	684	783	1,219	623	549	798	1,323	555	813	477	1,823	421
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number	39,679	725	569	637	1,077	684	467	674	1,101	487	774	393	1,408	333
Number attending school	36,148	682	487	616	914	543	434	600	1,049	444	735	339	1,244	313
Foreign-born white, number	2,785	50	10	70	59	45	52	4	58	74	51	57	96	2
Number attending school	2,337	40	8	63	39	31	48	3	53	66	49	37	84	2
Negro, number	1,518	5	25	3	74	9	.....	8	7	.....	31	.....	105	19
Number attending school	1,347	4	20	2	60	4	.....	6	6	.....	29	.....	93	19
<b>DWELLINGS AND FAMILIES</b>														
Dwellings, number	53,418	1,010	965	663	1,864	758	480	1,114	1,566	359	780	452	1,855	587
Families, number	60,098	1,077	1,010	785	1,939	901	703	1,148	1,685	611	940	538	2,072	670

SUBJECT.	Fort Lee. <sup>1</sup>	Free-hold.	Glen Ridge.	Glou-ces-ter City.	Gutten-berg.	Hack-etts-town.	Had-don-field.	Hale-don. <sup>1</sup>	Ham-mon-ton.	Haw-thorne.	Key-port.	Lamb-ert-ville.	Little Ferry.	Lodi.
<b>SEX, COLOR, AND NATIVITY</b>														
Total population, 1910	4,472	3,233	3,260	9,462	5,647	2,715	4,142	2,560	5,088	3,400	3,554	4,657	2,541	4,138
1900	2,934	1,960	6,840	3,825	2,474	2,776	.....	.....	3,481	2,096	3,413	4,637	1,240	1,917
Male	2,246	1,517	1,425	4,678	2,965	1,301	1,860	1,282	2,521	1,702	1,746	2,251	1,401	2,120
Female	2,226	1,716	1,835	4,784	2,682	1,414	2,273	1,278	2,567	1,698	1,808	2,406	1,140	2,018
Native white—Native parentage	1,320	2,247	1,768	5,321	919	2,330	3,043	468	1,645	1,229	2,542	3,188	298	439
Native white—Foreign or mixed parentage	1,885	519	760	2,911	2,538	265	477	1,036	1,869	1,206	538	901	1,248	1,737
Foreign-born white	1,264	326	566	1,222	2,187	114	262	1,041	1,548	953	310	455	965	1,043
Negro	3	139	165	6	1	5	352	15	24	12	152	110	30	18
Indian, Chinese, and Japanese	.....	2	1	2	2	1	8	.....	2	.....	3	.....	.....	1
<b>MALES OF VOTING AGE</b>														
Total number	1,331	969	905	2,739	1,673	874	1,187	732	1,294	936	1,103	1,410	733	1,106
Native white—Native parentage	247	945	507	1,375	126	716	873	113	451	327	747	901	46	69
Native white—Foreign or mixed parentage	447	148	199	819	440	90	126	136	189	162	155	262	160	161
Foreign-born white	636	144	171	542	1,104	65	104	476	647	442	150	220	503	870
Naturalized	325	76	112	321	452	10	63	288	307	218	66	117	218	263
Negro	1	30	27	1	1	2	78	7	6	5	48	24	24	5
<b>ILLITERACY</b>														
Total persons 10 years old and over	3,563	2,778	2,757	7,522	4,321	2,310	3,541	2,063	3,769	2,615	2,926	3,796	1,871	2,995
Number illiterate	128	27	87	79	128	59	49	16	827	22	69	193	103	280
Native white 10 years old and over	2,327	2,350	2,035	6,321	2,190	2,190	2,973	1,039	2,254	1,688	2,485	3,259	899	1,132
Number illiterate	22	5	3	33	6	39	7	5	40	2	21	64	11	28
Foreign-born white 10 years old and over	1,233	309	562	1,195	2,128	114	260	1,011	1,493	918	312	442	943	1,847
Number illiterate	106	17	77	46	122	19	8	9	781	18	38	118	84	250
Negro 10 years old and over	3	117	159	4	1	5	300	13	20	9	126	92	29	15
Number illiterate	.....	5	7	.....	.....	1	34	2	6	2	10	11	8	2
Illiterate males of voting age	53	10	6	21	37	26	11	4	317	9	26	84	58	113
<b>SCHOOL AGE AND ATTENDANCE</b>														
Total number 6 to 20 years, inclusive	1,319	821	807	2,772	1,775	601	976	791	1,663	1,106	918	1,174	857	1,378
Number attending school	849	545	510	1,574	1,034	409	717	511	1,119	662	619	786	507	876
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number	780	388	453	1,645	978	338	496	429	961	656	406	653	522	720
Number attending school	687	365	367	1,411	890	320	473	406	876	548	470	610	469	661
Foreign-born white, number	44	32	10	34	84	4	6	54	128	60	9	18	22	154
Number attending school	41	30	8	28	75	4	6	51	112	35	8	17	13	145
Negro, number	.....	22	12	3	.....	.....	36	.....	3	2	25	23	2	5
Number attending school	.....	20	7	.....	.....	.....	27	.....	1	2	21	21	1	3
<b>DWELLINGS AND FAMILIES</b>														
Dwellings, number	911	737	644	2,068	692	632	927	553	1,058	635	881	1,133	430	629
Families, number	980	783	681	2,097	1,205	725	947	646	1,131	717	939	1,145	480	833

<sup>1</sup> For changes in boundaries, etc., see page 604.

STATISTICS OF POPULATION.

TABLE IV.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 2,500 TO 10,000—Contd.

SUBJECT.	Madison.	Newton.	North Plainfield.	Nutley. <sup>1</sup>	Pleasantville.	Princeton.	Prospect Park. <sup>1</sup>	Rahway.	Raritan.	Red Bank.	Ridge-wood.	Roosevelt. <sup>1</sup>	Roselle.	Roselle Park. <sup>1</sup>
<b>SEX, COLOR, AND NATIVITY</b>														
Total population, 1910.....	4,658	4,467	6,117	6,009	4,390	5,136	2,719	9,337	3,672	7,398	5,416	5,786	2,725	3,138
1900.....	3,754	4,376	5,009	.....	2,182	3,899	.....	7,935	3,244	5,428	2,685	.....	1,652	.....
Male.....	2,393	2,061	2,836	2,966	2,259	2,519	1,398	4,719	2,047	3,613	2,482	3,475	1,328	1,602
Female.....	2,265	2,406	3,281	3,043	2,131	2,617	1,321	4,618	1,625	3,785	2,934	2,311	1,397	1,536
Native white—Native parentage.....	1,793	3,607	3,526	2,452	3,000	2,227	321	4,804	609	4,202	3,240	520	1,197	1,282
Native white—Foreign or mixed parentage.....	1,218	440	1,489	1,992	461	919	1,184	2,475	1,383	1,352	1,153	2,015	791	1,101
Foreign-born white.....	1,249	372	889	1,438	304	836	1,214	1,659	1,677	993	768	3,227	579	721
Negro.....	393	46	212	126	619	1,148	.....	393	2	844	247	22	157	34
Indian, Chinese, and Japanese.....	5	2	1	1	6	6	.....	6	1	7	8	2	1	.....
<b>MALES OF VOTING AGE</b>														
Total number.....	1,462	1,357	1,795	1,655	1,382	1,703	710	2,974	1,267	2,305	1,573	2,240	764	875
Native white—Native parentage.....	529	1,025	996	644	894	691	78	1,359	169	1,236	893	125	318	342
Native white—Foreign or mixed parentage.....	239	130	384	369	120	246	120	656	175	346	294	178	176	175
Foreign-born white.....	583	187	361	605	170	365	512	840	922	457	316	1,931	227	342
Naturalized.....	240	84	203	324	56	164	228	407	299	175	162	344	136	201
Negro.....	106	13	53	36	196	397	.....	115	.....	259	62	4	42	16
<b>ILLITERACY</b>														
Total persons 10 years old and over.....	3,755	3,821	5,111	4,686	3,479	4,361	1,991	7,679	2,868	6,185	4,490	4,293	2,179	2,357
Number illiterate.....	390	69	125	341	120	171	25	206	422	253	79	1,110	19	78
Native white 10 years old and over.....	2,224	3,415	4,056	3,186	2,600	2,566	842	5,727	1,236	4,512	3,503	1,187	1,496	1,634
Number illiterate.....	21	31	34	20	2	17	5	20	8	11	16	10	.....	2
Foreign-born white 10 years old and over.....	1,215	366	874	1,387	300	808	1,149	1,610	1,629	963	753	3,094	558	696
Number illiterate.....	342	32	65	308	53	60	20	156	412	137	49	1,099	12	75
Negro 10 years old and over.....	311	38	180	112	513	981	.....	336	2	703	226	10	124	27
Number illiterate.....	27	6	26	12	65	94	.....	26	2	102	14	1	7	1
Illiterate males of voting age.....	212	24	43	126	53	88	8	98	202	104	22	778	4	31
<b>SCHOOL AGE AND ATTENDANCE</b>														
Total number 6 to 20 years, inclusive.....	1,175	1,092	1,574	1,732	1,140	1,177	897	2,495	1,045	1,847	1,358	1,448	790	907
Number attending school.....	773	702	1,085	1,190	796	800	607	1,663	616	1,208	961	851	598	639
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	573	584	832	938	630	492	473	1,323	524	905	794	724	425	566
Number attending school.....	516	544	807	881	588	461	439	1,230	475	829	735	655	393	503
Foreign-born white, number.....	60	14	28	87	7	27	102	57	92	51	20	167	44	46
Number attending school.....	49	12	26	64	7	26	90	40	66	39	19	140	39	39
Negro, number.....	67	6	37	11	93	147	.....	75	.....	139	14	10	12	4
Number attending school.....	61	6	27	11	89	141	.....	66	.....	128	11	8	12	4
<b>DWELLINGS AND FAMILIES</b>														
Dwellings, number.....	817	1,011	1,277	1,111	1,102	1,130	348	1,955	549	1,629	1,153	780	551	592
Families, number.....	990	1,158	1,416	1,302	1,159	1,222	570	2,178	668	1,738	1,194	1,049	589	684

SUBJECT.	Rutherford.	Salem.	Secaucus.	Somer-ville.	South Amboy.	South Orange.	South River.	Summit.	Tena-fly.	Vine-land.	Wal-lington.	Wash-ington.	West-field. <sup>1</sup>	Whar-ton. <sup>1</sup>	Wood-bury.
<b>SEX, COLOR, AND NATIVITY</b>															
Total population, 1910.....	7,045	6,614	4,740	5,060	7,007	6,014	4,772	7,500	2,756	5,282	3,448	3,567	6,420	2,983	4,642
1900.....	4,411	5,811	1,626	4,843	6,349	4,608	2,792	5,302	1,746	4,370	1,812	3,580	.....	2,069	4,087
Male.....	3,330	3,302	2,804	2,391	3,619	2,629	2,811	3,397	1,366	2,517	1,820	1,770	3,068	1,735	2,269
Female.....	3,715	3,312	1,936	2,669	3,388	3,385	1,961	4,103	1,390	2,765	1,628	1,797	3,352	1,248	2,373
Native white—Native parentage.....	3,651	4,765	816	3,013	2,728	2,938	871	3,034	1,045	2,688	393	2,859	.....	832	3,125
Native white—Foreign or mixed parentage.....	2,056	502	1,817	981	2,719	1,527	1,457	2,155	867	1,266	1,673	311	1,271	1,018	652
Foreign-born white.....	1,185	330	2,064	629	1,555	1,285	2,420	2,024	803	1,130	1,365	240	1,057	1,133	299
Negro.....	149	1,015	43	434	4	253	22	273	40	197	17	157	466	564	
Indian, Chinese, and Japanese.....	4	2	.....	3	1	11	2	14	1	1	.....	.....	9	2	
<b>MALES OF VOTING AGE</b>															
Total number.....	2,031	2,095	2,028	1,542	1,986	1,635	1,832	2,112	842	1,421	839	1,179	1,883	1,155	1,460
Native white—Native parentage.....	960	1,443	258	916	647	785	260	839	277	696	74	893	1,008	176	937
Native white—Foreign or mixed parentage.....	522	162	550	224	535	376	164	421	192	204	144	76	290	247	200
Foreign-born white.....	509	164	1,194	291	803	405	1,399	769	362	467	618	164	471	732	164
Naturalized.....	262	74	594	179	354	240	249	349	146	216	199	43	232	169	81
Negro.....	36	324	26	110	.....	61	7	71	10	53	3	46	107	.....	157
<b>ILLITERACY</b>															
Total persons 10 years old and over.....	5,880	5,428	3,993	4,271	5,361	5,046	3,767	6,116	2,194	4,232	2,432	3,045	5,241	2,430	3,925
Number illiterate.....	108	257	607	89	276	56	843	325	90	237	203	130	190	110	81
Native white 10 years old and over.....	4,584	4,277	1,921	3,316	3,849	3,544	1,397	3,881	1,385	2,995	1,092	2,677	3,805	1,317	3,167
Number illiterate.....	12	66	128	10	7	6	18	7	6	16	2	45	10	14	21
Foreign-born white 10 years old and over.....	1,160	324	2,031	619	1,509	1,277	2,350	1,962	773	1,082	1,328	237	1,036	1,113	294
Number illiterate.....	79	45	465	45	268	34	820	304	77	195	201	56	157	96	17
Negro 10 years old and over.....	132	825	41	333	2	214	18	260	35	154	12	131	391	.....	462
Number illiterate.....	13	146	14	34	1	16	5	14	7	26	.....	29	22	.....	43
Illiterate males of voting age.....	30	117	276	26	140	13	437	155	36	91	54	72	76	70	32
<b>SCHOOL AGE AND ATTENDANCE</b>															
Total number 6 to 20 years, inclusive.....	1,928	1,670	1,024	1,306	2,244	1,505	1,207	1,887	715	1,543	1,211	879	1,690	738	1,161
Number attending school.....	1,268	1,121	578	943	1,560	1,074	588	1,407	495	1,021	646	587	1,187	427	787
PERSONS 6 TO 14 YEARS, INCLUSIVE.															
Native white, number.....	1,016	812	586	670	1,396	785	555	1,042	394	808	680	452	907	388	561
Number attending school.....	908	770	499	641	1,277	714	477	1,004	378	754	570	428	856	358	499
Foreign-born white, number.....	48	9	56	31	64	24	89	104	40	101	66	2	26	25	11
Number attending school.....	39	8	48	30	49	23	63	94	38	88	54	2	20	18	11
Negro, number.....	13	163	.....	76	.....	26	1	5	5	30	3	23	63	.....	76
Number attending school.....	13	139	.....	73	.....	24	.....	5	5	26	2	20	60	.....	67
<b>DWELLINGS AND FAMILIES</b>															
Dwellings, number.....	1,475	1,654	503	1,052	1,444	1,028	773	1,267	550	1,174	428	888	1,285	417	1,083
Families, number.....	1,586	1,756	569	1,237	1,511	1,181	856	1,486	584	1,332	682	921	1,401	566	1,125

<sup>1</sup> For changes in boundaries, etc., see page 604.

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS OF CITIES OF 50,000 OR MORE.

BAYONNE.

SUBJECT.	THE CITY.	WARD.				
		1	2	3	4	5
<b>SEX, COLOR, AND NATIVITY</b>						
Total population, 1910.....	55,545	11,457	13,799	9,501	11,113	9,745
Male.....	29,527	5,838	7,329	4,712	6,290	5,359
Female.....	26,018	5,619	6,400	4,789	4,823	4,387
Native white—Native parentage.....	11,301	2,709	2,259	4,185	1,146	1,002
Native white—Foreign or mixed parentage.....	23,123	4,999	5,575	3,297	4,741	4,511
Foreign-born white.....	20,522	3,621	5,639	1,828	5,210	4,224
Negro.....	561	115	249	184	8	5
Chinese and Japanese.....	38	13	7	7	8	3
<b>FOREIGN-BORN WHITE: Born in—</b>						
Austria.....	2,452	162	520	97	883	790
Canada.....	285	74	66	95	23	27
Denmark.....	72	32	7	11	9	13
England.....	1,076	67	252	366	90	84
France.....	1,706	15	9	13	25	5
Germany.....	1,795	304	443	388	328	243
Hungary.....	3,444	36	48	22	95	1,504
Ireland.....	1,738	1,263	648	270	1,039	224
Italy.....	79	295	1,149	207	63	24
Norway.....	118	31	13	9	22	4
Roumania.....	6,897	23	77	10	7	1
Russia.....	317	924	2,199	147	2,506	1,121
Scotland.....	204	74	68	100	46	29
Sweden.....	272	64	33	37	43	27
Other foreign countries.....		72	75	56	31	33
<b>MALES OF VOTING AGE</b>						
Total number.....	16,453	3,285	3,828	2,814	3,629	2,897
Native white—Native parentage.....	2,748	636	528	1,125	214	245
Native white—Foreign or mixed parentage.....	3,396	936	697	783	587	393
Foreign-born white.....	10,109	1,661	2,519	853	2,821	2,255
Naturalized.....	3,364	801	977	366	710	610
Negro.....	166	39	77	46	3	1
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>						
Total number 10 years old and over.....	41,417	8,638	10,055	7,679	8,171	6,874
Number illiterate.....	3,757	365	1,071	112	1,257	952
Illiterate males of voting age.....	1,852	137	470	41	681	523
Total number 6 to 20 years, inclusive.....	16,857	3,415	4,540	2,646	3,324	2,932
Number attending school.....	10,909	2,298	3,115	1,635	2,068	1,793
<b>DWELLINGS AND FAMILIES</b>						
Dwellings, number.....	6,147	1,330	1,279	1,669	1,010	859
Families, number.....	10,998	2,311	2,645	2,157	2,065	1,820

CAMDEN.

SUBJECT.	THE CITY.	WARD.											
		1	2	3	4	5	6	7	8	9	10	11	12
<b>SEX, COLOR, AND NATIVITY</b>													
Total population, 1910.....	94,538	8,325	8,498	4,842	4,545	9,432	7,979	14,578	8,742	6,982	8,132	5,990	6,493
Male.....	47,396	4,058	4,057	2,390	2,176	5,020	4,012	7,480	4,660	3,363	3,958	3,037	3,179
Female.....	47,142	4,267	4,441	2,452	2,369	4,406	3,967	7,098	4,082	3,619	4,174	2,953	3,314
Native white—Native parentage.....	49,581	4,962	5,168	2,754	3,848	3,899	4,388	4,789	2,567	5,067	5,307	3,065	4,267
Native white—Foreign or mixed parentage.....	23,123	2,088	2,031	1,093	740	2,348	1,759	4,284	2,395	1,197	1,903	1,920	1,370
Foreign-born white.....	15,682	1,190	1,022	732	323	2,387	1,114	3,623	2,231	573	899	962	626
Negro.....	6,076	74	271	261	129	787	701	1,878	1,548	139	19	42	27
Indian, Chinese, and Japanese.....	71	11	6	2	5	11	17	4	1	6	4	1	3
<b>FOREIGN-BORN WHITE: Born in—</b>													
Austria.....	972	36	18	6	5	90	54	353	350	12	9	19	29
Canada.....	275	37	25	9	4	29	26	25	10	38	43	13	16
England.....	2,053	199	238	83	67	99	123	208	260	137	283	185	181
France.....	114	9	11	4	9	14	9	12	14	3	10	12	7
Germany.....	3,754	388	225	80	88	217	244	1,132	338	114	219	474	235
Hungary.....	271	13	4	2	3	9	11	145	74	2	3	4	5
Ireland.....	1,852	195	300	114	63	131	119	166	224	189	215	79	57
Italy.....	2,331	86	6	335	11	1,392	146	38	298	8	10	6	5
Newfoundland.....	203	8	3	1	.....	119	13	49	8	.....	.....	.....	.....
Norway.....	199	21	19	10	4	3	5	29	77	1	10	13	7
Russia.....	2,609	41	49	48	31	215	296	1,354	444	14	31	47	39
Scotland.....	304	48	42	12	7	15	20	48	61	26	31	32	22
Sweden.....	163	21	16	5	7	13	18	18	23	5	3	27	7
Switzerland.....	119	32	6	3	4	8	.....	16	14	.....	12	19	5
Other foreign countries.....	403	56	70	20	20	48	25	30	36	23	20	31	24
<b>MALES OF VOTING AGE</b>													
Total number.....	28,826	2,602	2,576	1,523	1,412	3,064	2,506	4,298	2,675	2,295	2,397	1,674	1,804
Native white—Native parentage.....	14,374	1,502	1,523	828	1,005	1,208	1,324	1,317	696	1,602	1,502	784	1,083
Native white—Foreign or mixed parentage.....	5,053	547	535	253	225	378	446	642	378	376	505	420	348
Foreign-born white.....	7,397	527	430	353	145	1,171	496	1,743	1,131	267	381	457	296
Naturalized.....	3,041	287	205	123	62	326	254	545	345	156	228	315	190
Negro.....	1,945	17	82	87	32	300	230	592	470	44	5	12	74
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>													
Total number 10 years old and over.....	75,743	6,990	7,099	3,935	3,858	7,387	6,438	11,075	6,719	6,011	6,649	4,568	5,014
Number illiterate.....	3,314	57	82	210	41	916	143	925	716	39	36	56	93
Illiterate males of voting age.....	1,478	18	30	106	12	409	60	418	346	11	7	22	39
Total number 6 to 20 years, inclusive.....	25,637	2,133	2,103	1,212	1,132	2,575	2,109	4,145	2,657	1,631	2,168	1,860	1,912
Number attending school.....	14,532	1,236	1,188	640	723	1,413	1,268	2,261	1,460	1,026	1,248	896	1,173
<b>DWELLINGS AND FAMILIES</b>													
Dwellings, number.....	20,260	1,755	1,926	1,022	1,008	1,838	1,772	2,947	1,787	1,609	1,902	1,278	1,416
Families, number.....	21,482	1,868	1,983	1,111	1,079	2,104	1,862	3,222	1,828	1,678	1,966	1,346	1,435

STATISTICS OF POPULATION.

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS OF CITIES OF 50,000 OR MORE—Continued.

ELIZABETH.

SUBJECT.	THE CITY.	WARD.											
		1	2	3	4	5	6	7	8	9	10	11	12
<b>SEX, COLOR, AND NATIVITY</b>													
Total population, 1910.....	73,409	8,103	6,228	7,667	5,303	6,122	6,286	6,800	6,735	4,725	5,129	4,836	5,475
Male.....	37,971	4,646	3,381	4,054	2,810	3,111	3,374	3,656	3,359	2,361	2,494	2,684	2,641
Female.....	35,438	3,457	2,847	3,613	2,493	3,011	2,912	3,144	3,376	2,364	2,635	2,152	2,834
Native white—Native parentage.....	20,298	788	1,101	1,202	1,397	1,358	1,692	920	2,058	1,545	2,629	2,960	2,648
Native white—Foreign or mixed parentage.....	27,808	3,079	2,475	3,333	2,178	2,842	2,158	2,961	2,752	1,874	1,405	1,000	1,751
Foreign-born white.....	23,894	4,226	2,649	3,127	1,727	1,914	2,221	2,785	1,781	1,023	815	670	956
Negro.....	1,381	7	3	2	1	4	215	133	144	278	280	203	114
Indian, Chinese, and Japanese.....	28	3	3	2	1	4	1	1	1	5		3	6
<b>FOREIGN-BORN WHITE: Born in—</b>													
Austria.....	4,117	1,032	579	404	648	86	911	111	128	61	57	47	53
Canada.....	269	9	27	10	31	23	18	10	19	26	30	21	45
Denmark.....	112	3	1	20	12	21	7	4	20	7	6	6	5
England.....	1,367	73	95	114	135	179	139	29	159	73	108	103	160
France.....	117	12	5	18	15	27	8	10	6	1	5	4	6
Germany.....	4,900	634	234	548	220	759	244	824	609	342	171	104	211
Hungary.....	1,457	329	80	770	20	44	51	110	5	4	13	20	11
Ireland.....	3,345	367	384	322	262	231	254	118	562	126	221	219	279
Italy.....	2,226	12	16	130	30	113	210	1,355	126	179	24	12	19
Norway.....	257	14	14	3	48	118	22	9	9	5	8	3	4
Russia.....	4,284	1,635	1,111	596	135	176	232	129	32	110	51	27	50
Scotland.....	664	41	61	87	120	52	50	21	58	19	43	55	57
Sweden.....	254	14	7	18	21	20	45	13	13	32	29	27	15
Switzerland.....	181	4	2	27	6	41	6	26	24	13	11	10	11
Other foreign countries.....	344	47	33	60	24	24	24	16	11	25	38	12	30
<b>MALES OF VOTING AGE</b>													
Total number.....	22,066	2,797	2,060	2,206	1,606	1,736	2,081	2,055	1,945	1,393	1,591	1,405	1,731
Native white—Native parentage.....	4,979	128	215	243	354	275	397	161	405	333	758	857	763
Native white—Foreign or mixed parentage.....	5,458	475	438	554	375	546	394	472	549	476	338	315	496
Foreign-born white.....	11,713	2,189	1,404	1,406	876	909	1,224	1,381	857	497	356	188	426
Naturalized.....	5,030	604	437	625	343	599	328	551	570	297	237	150	275
Negro.....	400	2			1	2	66	40	44	82	79	43	41
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>													
Total number 10 years old and over.....	57,455	6,062	4,787	5,745	4,001	4,732	4,925	5,098	5,206	3,760	4,296	4,206	4,637
Number illiterate.....	3,943	743	1,022	317	233	64	121	1,066	121	55	90	60	51
Illiterate males of voting age.....	1,937	362	626	90	132	18	52	554	38	17	18	11	19
Total number 6 to 20 years, inclusive.....	20,499	2,170	1,750	2,300	1,576	1,899	1,688	2,015	1,947	1,374	1,333	1,106	1,341
Number attending school.....	12,387	1,224	1,068	1,420	939	1,184	1,037	1,155	1,145	817	829	694	875
<b>DWELLINGS AND FAMILIES</b>													
Dwellings, number.....	10,090	779	714	843	681	860	862	783	1,082	680	923	937	946
Families, number.....	15,434	1,569	1,254	1,649	993	1,367	1,275	1,472	1,467	1,044	1,110	1,032	1,262

HOBOKEN.

SUBJECT.	THE CITY.	WARD.				
		1	2	3	4	5
<b>SEX, COLOR, AND NATIVITY</b>						
Total population, 1910.....	70,324	11,657	10,145	19,207	15,802	13,513
Male.....	36,675	6,562	4,928	10,227	8,277	6,681
Female.....	33,649	5,095	5,217	8,980	7,525	6,832
Native white—Native parentage.....	13,463	1,826	2,664	2,201	3,100	3,672
Native white—Foreign or mixed parentage.....	29,030	4,322	3,892	8,369	6,597	5,850
Foreign-born white.....	27,668	5,456	3,569	8,627	6,032	3,984
Negro.....	120	42	8	5	61	2
Chinese and Japanese.....	43	11	12	5	10	5
<b>FOREIGN-BORN WHITE: Born in—</b>						
Austria.....	1,368	221	130	511	438	68
Belgium.....	230	37	23	90	68	12
Denmark.....	266	54	98	41	16	57
England.....	934	125	228	220	138	223
Germany.....	10,018	3,162	1,854	1,787	1,749	1,466
Holland.....	410	98	107	124	30	51
Hungary.....	521	141	75	76	166	63
Ireland.....	3,077	504	326	801	691	695
Italy.....	6,555	450	92	4,157	1,441	415
Norway.....	1,047	90	174	243	61	479
Russia.....	1,639	224	110	287	927	91
Scotland.....	338	27	77	62	31	141
Sweden.....	393	87	78	61	75	92
Switzerland.....	221	50	41	49	39	42
Other foreign countries.....	651	126	156	118	162	89
<b>MALES OF VOTING AGE</b>						
Total number.....	22,320	4,497	3,534	5,791	4,488	4,010
Native white—Native parentage.....	3,138	600	753	363	604	818
Native white—Foreign or mixed parentage.....	5,539	951	996	1,251	991	1,350
Foreign-born white.....	13,562	2,915	1,771	4,172	2,896	1,838
Naturalized.....	6,796	1,197	882	1,442	1,250	1,025
Negro.....	30	20	2		17	
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>						
Total number 10 years old and over.....	56,511	9,804	8,925	14,635	11,931	11,216
Number illiterate.....	2,533	311	35	1,657	427	103
Illiterate males of voting age.....	1,106	125	13	754	191	23
Total number 6 to 20 years, inclusive.....	20,343	2,896	2,287	5,876	5,194	4,090
Number attending school.....	12,201	1,734	1,311	3,544	3,047	2,505
<b>DWELLINGS AND FAMILIES</b>						
Dwellings, number.....	4,433	692	850	1,071	793	1,027
Families, number.....	15,520	2,545	2,416	4,154	3,408	2,997

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS OF CITIES OF 50,000 OR MORE—Continued.

JERSEY CITY.

SUBJECT.	THE CITY.	WARD.											
		1	2	3	4	5	6	7	8	9	10	11	12
<b>SEX, COLOR, AND NATIVITY</b>													
Total population, 1910.....	267,779	20,754	22,025	19,980	16,793	19,515	17,570	22,616	30,858	22,201	20,967	27,346	27,154
Male.....	137,457	11,662	12,081	10,479	8,673	10,517	9,142	11,345	14,885	10,733	10,883	13,678	13,379
Female.....	130,322	9,092	9,944	9,501	8,120	8,998	8,428	11,271	15,973	11,468	10,084	13,668	13,775
Native white—Native parentage.....	74,861	2,363	3,775	5,922	5,683	4,879	4,879	7,626	12,597	9,096	5,803	7,756	6,578
Native white—Foreign or mixed parentage.....	109,101	3,247	9,882	8,000	6,178	7,998	6,958	9,422	10,539	7,980	8,899	12,155	12,843
Foreign-born white.....	77,697	9,540	8,273	5,637	4,343	8,246	4,790	5,477	6,023	4,193	6,171	7,322	7,682
Negro.....	5,960	576	87	404	579	483	928	81	1,677	921	87	100	37
Indian, Chinese, and Japanese.....	160	28	8	17	10	5	15	10	22	11	7	13	14
<b>FOREIGN-BORN WHITE: Born in—</b>													
Austria.....	4,978	2,072	216	446	453	173	379	97	128	83	454	234	243
Canada.....	1,105	62	44	55	72	35	60	123	232	175	74	106	67
England.....	4,626	234	204	295	266	126	366	586	756	565	355	469	422
Finland.....	681	162	6	39	42	50	32	68	91	36	9	89	7
France.....	595	10	16	19	10	6	29	58	47	23	44	64	269
Germany.....	16,131	882	554	820	501	464	705	1,723	1,309	850	1,182	3,209	3,932
Hungary.....	1,084	58	85	41	24	26	337	59	295	22	27	58	52
Ireland.....	16,124	1,450	2,939	1,326	1,255	884	1,488	1,723	1,439	1,301	1,223	1,116	575
Italy.....	12,060	667	943	721	207	5,294	535	631	348	329	1,190	426	766
Norway.....	1,360	81	80	33	113	7	182	118	122	161	131	247	85
Russia.....	13,667	3,501	3,017	1,645	1,064	1,049	328	275	489	233	1,014	680	372
Scotland.....	1,667	79	49	50	77	49	108	194	299	197	129	158	278
Sweden.....	1,280	112	37	36	73	10	125	200	220	108	121	134	104
Switzerland.....	553	16	12	11	21	9	14	45	33	18	30	93	251
Other foreign countries.....	1,786	154	71	100	133	64	99	172	215	92	188	239	259
<b>MALES OF VOTING AGE</b>													
Total number.....	80,866	7,185	6,994	6,022	5,256	5,733	5,222	6,530	9,189	6,570	6,194	8,141	7,830
Native white—Native parentage.....	17,336	598	847	1,446	1,331	508	1,179	1,654	3,355	2,346	1,300	1,576	1,136
Native white—Foreign or mixed parentage.....	23,574	1,332	1,727	1,706	1,571	1,033	1,400	2,218	2,606	2,075	1,837	3,087	2,982
Foreign-born white.....	37,707	4,990	4,367	2,699	2,111	4,017	2,307	2,620	2,687	1,829	3,013	3,434	3,633
Naturalized.....	16,556	1,310	1,443	1,172	894	1,095	1,122	1,510	1,434	1,098	1,245	1,936	2,247
Negro.....	2,104	243	45	156	233	170	321	28	520	309	37	33	9
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>													
Total number 10 years old and over.....	211,457	15,971	17,008	15,405	13,720	14,218	13,593	17,690	25,216	18,129	16,362	22,138	22,007
Number illiterate.....	11,797	3,171	1,422	289	863	2,648	617	397	333	250	1,010	485	312
Illiterate males of voting age.....	5,519	1,601	703	102	380	1,325	247	200	101	77	509	192	82
Total number 6 to 20 years, inclusive.....	78,300	5,866	6,809	5,952	5,017	6,049	5,287	6,654	8,063	5,899	6,439	7,923	8,402
Number attending school.....	47,193	3,125	3,857	3,876	2,984	3,767	2,893	3,983	5,209	3,847	3,745	4,916	4,996
<b>DWELLINGS AND FAMILIES</b>													
Dwellings, number.....	27,805	1,023	1,361	1,398	1,127	1,112	1,794	3,119	4,476	3,235	2,531	2,948	3,681
Families, number.....	56,790	3,789	4,263	3,874	3,337	3,777	3,625	5,019	7,103	5,017	4,177	6,495	6,314

NEWARK.

SUBJECT.	THE CITY.	WARD.															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>SEX, COLOR, AND NATIVITY</b>																	
Total population, 1910.....	347,469	13,919	13,736	36,910	13,756	17,970	20,344	22,474	20,166	15,805	24,430	22,408	19,789	18,951	35,828	19,622	30,761
Male.....	173,889	6,673	7,159	18,566	7,567	9,609	9,901	11,012	9,146	7,630	12,579	10,416	10,541	9,480	18,253	9,897	14,960
Female.....	174,080	7,246	6,577	18,344	6,189	8,361	11,043	11,462	11,020	8,175	11,851	11,992	9,248	9,471	17,575	9,725	15,801
Native white—Native parentage.....	94,737	5,463	5,184	4,032	4,918	2,675	6,642	5,949	9,924	7,271	5,652	11,119	2,781	5,783	4,360	3,604	9,938
Native white—Foreign or mixed par.....	132,350	4,515	3,858	13,390	4,231	7,032	8,086	8,626	5,803	5,048	10,358	7,086	9,250	8,631	15,071	7,913	12,852
Foreign-born white.....	110,655	3,308	3,092	18,105	3,470	8,221	5,395	6,452	3,735	3,168	7,796	3,738	7,735	4,509	16,105	8,011	7,815
Negro.....	9,475	615	1,577	1,356	1,037	33	212	1,441	698	313	624	450	22	26	275	647	149
Indian, Chinese, and Japanese.....	252	18	25	27	100	9	9	6	5	5	15	15	2	2	17	5	7
<b>FOREIGN-BORN WHITE: Born in—</b>																	
Austria.....	12,963	94	151	3,666	109	1,391	603	520	151	272	782	127	1,240	266	2,897	65	629
Canada.....	1,311	139	111	70	90	34	97	64	157	112	52	145	12	50	34	43	101
Denmark.....	360	25	21	4	19	3	39	20	21	26	11	45	27	30	22	1	46
England.....	6,697	513	325	374	361	215	522	435	631	535	402	687	204	462	208	245	488
France.....	697	34	56	50	48	28	31	46	44	33	52	71	39	45	52	15	53
Germany.....	22,177	389	672	1,762	572	470	1,239	1,068	664	907	1,604	782	2,020	2,382	3,409	304	3,993
Hungary.....	6,029	56	120	1,434	96	763	240	169	86	124	335	83	1,005	159	1,046	15	308
Ireland.....	11,225	905	568	248	790	933	900	1,318	656	480	849	943	1,295	334	1,388	509	309
Italy.....	20,493	463	461	409	867	2,095	508	1,753	650	179	2,311	234	127	287	3,432	6,473	244
Roumania.....	1,160	11	15	704	1	3	31	59	1	2	4	6	5	10	233	53	75
Russia.....	21,912	171	198	9,109	247	2,030	869	597	128	210	946	140	1,494	231	4,224	53	1,285
Scotland.....	2,545	317	74	52	106	157	130	151	346	145	258	220	135	71	41	202	140
Sweden.....	782	56	60	50	40	7	89	50	55	51	31	117	9	49	44	22	52
Switzerland.....	779	14	40	73	23	27	36	40	25	35	64	46	70	82	93	11	106
Other foreign countries.....	1,525	121	220	100	101	65	61	172	120	57	95	92	53	92	53	72	72
<b>MALES OF VOTING AGE</b>																	
Total number.....	103,234	4,781	5,220	10,091	5,537	5,805	5,942	6,628	5,774	4,930	6,904	6,630	5,967	5,183	10,052	5,134	8,656
Native white—Native parentage.....	24,386	1,830	1,918	946	1,853	594	1,450	1,489	2,733	2,077	1,149	3,035	479	1,107	780	742	2,204
Native white—Foreign or mixed par.....	25,938	1,233	1,209	1,423	1,452	1,106	2,094	1,786	1,872	1,280	1,831	1,811	1,474	1,960	2,169	791	2,947
Foreign-born white.....	49,674	1,490	1,502	7,281	1,809	4,085	2,330	2,869	1,501	1,474	3,718	1,650	4,004	2,104	7,009	3,397	3,451
Naturalized.....	21,427	605	714	2,283	868	1,017	1,373	1,425	786	817	1,506	1,007	1,525	1,422	2,723	1,292	2,084
Negro.....	3,015	211	571	417	344	11	59	478	162	94	206	119	9	10	78	199	47
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>																	
Total number 10 years old and over.....	275,974	12,205	12,042	27,883	11,940	13,819	17,064	18,122	16,864	13,189	18,549	18,743	15,096	14,616	27,286	14,175	24,331
Number illiterate.....	16,583	241	382	2,541	642	1,769	710	1,407	320	261	1,811	189	1,008	431	2,550	1,880	411
Illiterate males of voting age.....	6,227	83	140	635	316	765	263	570	121	145	770	45	569	128	908	678	91
Total number 6 to 20 years, inclusive.....	97,544	2,938	2,855	11,675	2,844	4,896	5,829	6,276	5,114	3,848	7,419	5,554	6,211	5,936	11,228	5,898	9,023
Number attending school.....	61,916	1,688	1,623	8,029	1,689	2,773	3,772	3,840	3,377	2,442	4,697						

# STATISTICS OF POPULATION.

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TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS OF CITIES OF 50,000 OR MORE—Continued.

## PASSAIC.

SUBJECT.	THE CITY.	WARD.			
		1	2	3	4
<b>SEX, COLOR, AND NATIVITY</b>					
Total population, 1910.....	54,773	22,266	7,719	5,411	19,377
Male.....	26,549	10,405	3,814	2,509	9,821
Female.....	28,224	11,861	3,905	2,902	9,556
Native white—Native parentage.....	7,536	245	2,337	2,523	2,431
Native white—Foreign or mixed parentage.....	18,209	6,739	2,748	1,609	7,113
Foreign-born white.....	28,467	15,186	2,300	1,231	9,750
Negro.....	535	91	326	48	70
Chinese and Japanese.....	26	5	8	.....	13
<b>FOREIGN-BORN WHITE: Born in—</b>					
Austria.....	8,748	7,386	40	59	1,254
Canada.....	145	7	.....	29	.....
England.....	723	57	252	193	221
France.....	48	12	7	.....	22
Germany.....	2,097	266	263	177	1,391
Holland.....	1,247	94	643	185	325
Hungary.....	6,534	4,104	49	56	2,325
Ireland.....	1,079	152	210	169	548
Italy.....	2,972	1,454	379	60	1,070
Roumania.....	36	15	9	6	6
Russia.....	3,942	1,551	124	65	2,202
Scotland.....	421	30	154	69	168
Sweden.....	166	7	51	56	52
Switzerland.....	77	4	16	17	40
Other foreign countries.....	232	47	45	52	88
<b>MALES OF VOTING AGE</b>					
Total number.....	14,924	5,689	2,241	1,485	5,509
Native white—Native parentage.....	1,861	58	588	648	567
Native white—Foreign or mixed parentage.....	1,961	235	537	360	829
Foreign-born white.....	10,920	5,336	1,013	469	4,075
Naturalized.....	2,987	955	450	257	1,305
Negro.....	156	28	95	8	25
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>					
Total number 10 years old and over.....	42,184	16,791	6,179	4,460	14,754
Number illiterate.....	6,684	4,582	250	79	1,773
Illiterate males of voting age.....	2,241	1,429	85	16	711
Total number 6 to 20 years, inclusive.....	17,687	7,880	2,261	1,558	5,988
Number attending school.....	8,297	2,455	1,373	1,024	3,445
<b>DWELLINGS AND FAMILIES</b>					
Dwellings, number.....	5,135	1,088	1,171	1,038	1,839
Families, number.....	10,257	3,494	1,694	1,152	3,917

## PATERSON.

SUBJECT.	THE CITY.	WARD.										
		1	2	3	4	5	6	7	8	9	10	11
<b>SEX, COLOR, AND NATIVITY</b>												
Total population, 1910.....	125,600	13,659	17,378	13,848	16,282	7,679	4,728	7,715	9,028	13,966	10,450	10,869
Male.....	62,439	6,913	8,472	7,163	7,828	3,544	2,693	4,066	4,396	7,079	5,194	5,091
Female.....	63,161	6,746	8,906	6,685	8,454	4,135	2,033	3,649	4,632	6,887	5,256	5,778
Native white—Native parentage.....	28,392	2,538	4,602	1,667	4,087	3,241	430	1,259	2,136	2,553	2,337	3,542
Native white—Foreign or mixed parentage.....	50,179	5,235	6,883	5,870	5,670	2,551	1,672	3,314	4,079	5,895	4,650	4,355
Foreign-born white.....	45,398	5,853	5,843	6,180	5,556	1,671	2,579	3,135	2,804	5,481	3,441	2,855
Negro.....	1,839	29	36	129	954	198	28	6	6	24	16	113
Indian, Chinese, and Japanese.....	92	4	9	2	15	18	17	1	3	13	6	4
<b>FOREIGN-BORN WHITE: Born in—</b>												
Austria.....	883	103	129	91	137	16	53	48	62	104	117	23
Belgium.....	731	23	7	349	84	1	1	17	17	25	105	102
Canada.....	487	16	39	133	83	65	6	12	15	43	24	51
England.....	5,271	261	1,121	264	759	440	75	136	232	878	383	722
France.....	824	62	70	230	152	33	26	32	52	64	52	51
Germany.....	5,741	637	1,243	1,009	576	213	150	180	391	398	621	323
Holland.....	4,929	1,913	142	1,247	340	52	5	25	22	131	326	726
Hungary.....	483	172	145	9	33	19	13	5	18	28	10	31
Ireland.....	4,971	98	527	148	394	356	79	620	916	951	620	292
Italy.....	6,317	399	745	1,695	669	92	1,735	1,424	219	1,932	300	146
Russia.....	6,861	1,890	899	424	1,935	96	282	283	308	416	275	63
Scotland.....	2,468	95	382	119	180	177	34	251	419	336	254	221
Switzerland.....	1,466	210	314	428	107	49	26	24	68	73	103	64
Turkey.....	388	5	4	.....	12	1	50	7	46	50	213	.....
Other foreign countries.....	578	18	76	34	95	61	44	71	19	52	38	70
<b>MALES OF VOTING AGE</b>												
Total number.....	36,873	3,930	4,935	3,883	4,904	2,478	1,645	2,336	2,512	4,340	2,899	3,011
Native white—Native parentage.....	7,115	582	1,131	376	1,116	989	133	317	433	671	460	907
Native white—Foreign or mixed parentage.....	9,046	795	1,211	694	1,068	894	196	618	870	1,201	855	827
Foreign-born white.....	20,182	2,538	2,575	2,774	2,417	706	1,300	1,397	1,205	2,447	1,575	1,248
Naturalized.....	9,817	1,226	1,466	1,144	1,181	382	394	588	713	1,126	790	808
Negro.....	453	11	10	37	289	57	9	3	1	8	3	25
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>												
Total number 10 years old and over.....	100,817	10,654	13,971	10,652	13,466	6,823	3,660	6,001	7,201	11,387	8,137	8,865
Number illiterate.....	6,927	654	979	853	964	58	770	1,052	362	789	301	85
Illiterate males of voting age.....	2,584	202	365	313	325	17	328	460	122	328	100	24
Total number 6 to 20 years, inclusive.....	36,457	4,086	5,235	4,508	4,298	1,717	1,305	2,297	2,768	3,861	3,245	3,137
Number attending school.....	21,779	2,448	3,165	2,672	2,644	985	698	1,309	1,555	2,158	2,051	2,094
<b>DWELLINGS AND FAMILIES</b>												
Dwellings, number.....	15,812	1,622	2,342	1,722	2,202	1,106	427	832	1,083	1,496	1,248	1,732
Families, number.....	27,978	3,151	3,991	2,998	3,733	1,749	957	1,632	2,022	3,054	2,237	2,454



TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS OF CITIES OF 50,000 OR MORE—Continued.

TRENTON.

SUBJECT.	THE CITY.	WARD.													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>SEX, COLOR, AND NATIVITY</b>															
Total population, 1910.....	96,815	5,355	4,901	5,958	10,371	10,413	3,863	4,986	5,694	8,367	9,502	11,818	5,166	6,558	3,863
Male.....	50,231	2,559	2,201	2,972	6,262	5,487	1,981	2,420	3,100	4,732	4,789	6,170	2,624	3,163	1,765
Female.....	46,584	2,796	2,700	2,986	4,109	4,926	1,882	2,566	2,594	3,635	4,713	5,642	2,542	3,395	2,098
Native white—Native parentage.....	38,679	3,248	3,254	2,731	1,644	3,967	1,544	2,873	1,354	1,996	4,263	3,186	2,752	3,537	2,330
Native white—Foreign or mixed parentage.....	29,209	1,145	863	1,842	3,752	3,584	1,425	1,036	2,134	2,709	2,879	4,351	1,406	1,423	660
Foreign-born white.....	26,310	772	471	1,370	4,617	2,676	894	610	2,202	3,629	2,323	4,271	934	791	700
Negro.....	2,581	184	311	12	354	185	1	459	1	27	35	9	24	807	173
Chinese.....	36	6	2	3	4	1	.....	8	3	6	2	1	.....	.....	.....
<b>FOREIGN-BORN WHITE: Born in—</b>															
Austria.....	1,822	36	31	105	669	202	119	18	257	38	51	191	10	39	56
Canada.....	227	29	13	9	9	43	5	20	19	4	27	10	17	10	12
Denmark.....	46	.....	.....	.....	.....	12	1	3	3	1	6	.....	.....	.....	.....
England.....	3,492	215	82	152	172	460	133	118	485	138	445	296	498	185	113
France.....	70	3	8	4	12	11	1	6	2	4	7	5	.....	2	5
Germany.....	4,149	124	91	208	287	433	290	107	171	215	450	1,395	146	99	133
Greece.....	88	42	9	1	4	4	1	16	17	.....	.....	.....	.....	9	.....
Hungary.....	4,980	27	18	356	1,110	34	138	4	165	1,000	314	1,647	40	67	60
Ireland.....	2,480	158	157	163	205	532	89	134	177	102	165	123	111	213	151
Russia.....	4,268	11	5	92	514	375	1	58	222	2,013	710	149	23	51	44
Scotland.....	3,722	73	19	233	1,533	469	65	78	623	77	46	356	11	61	78
Sweden.....	532	28	15	27	35	74	28	25	56	5	55	54	92	24	14
Switzerland.....	134	8	8	2	12	9	3	8	11	10	21	17	13	6	8
Other foreign countries.....	63	3	1	5	4	4	2	.....	5	5	5	14	6	1	8
.....	237	15	13	13	49	14	18	15	6	17	21	12	13	23	8
<b>MALES OF VOTING AGE</b>															
Total number.....	31,203	1,768	1,586	1,955	4,063	3,083	1,186	1,682	1,654	3,052	2,761	3,360	1,579	2,080	1,394
Native white—Native parentage.....	11,629	1,021	1,007	851	649	1,044	450	925	369	615	1,150	891	818	1,049	790
Native white—Foreign or mixed parentage.....	5,479	357	282	411	657	651	297	300	216	354	524	529	304	379	218
Foreign-born white.....	12,998	314	170	682	2,437	1,331	439	282	1,067	2,067	1,075	1,936	448	364	326
Naturalized.....	5,253	226	120	338	643	644	258	165	391	555	494	827	301	214	77
Negro.....	1,124	70	125	8	316	56	.....	167	.....	11	11	3	9	288	60
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>															
Total number 10 years old and over.....	78,296	4,711	4,336	4,985	8,131	8,105	3,052	4,289	4,205	6,647	7,608	8,972	4,218	5,505	3,532
Number illiterate.....	4,633	80	51	88	1,702	653	103	125	526	436	250	262	49	121	187
Illiterate males of voting age.....	2,187	18	16	37	840	318	43	58	251	235	97	106	17	59	92
Total number 6 to 20 years, inclusive.....	26,495	1,222	1,039	1,486	2,779	3,250	1,136	1,110	1,863	2,121	2,948	3,757	1,476	1,548	760
Number attending school.....	16,409	795	696	948	1,583	1,964	726	658	956	1,307	1,960	2,296	944	1,048	528
<b>DWELLINGS AND FAMILIES</b>															
Dwellings, number.....	17,932	1,079	1,077	1,162	1,477	2,010	761	958	984	1,348	1,799	2,305	1,094	1,458	420
Families, number.....	19,678	1,227	1,200	1,316	1,723	2,137	801	1,164	1,038	1,633	1,896	2,429	1,132	1,544	438

NOTES REGARDING CHANGES IN BOUNDARIES, ETC.

COUNTIES.

BURLINGTON.—Part annexed to Ocean between 1890 and 1900.  
 CAMDEN.—Part annexed to Gloucester in 1871.  
 GLOUCESTER.—Part of Camden annexed in 1871.  
 OCEAN.—Part of Burlington annexed between 1890 and 1900.

INCORPORATED PLACES.

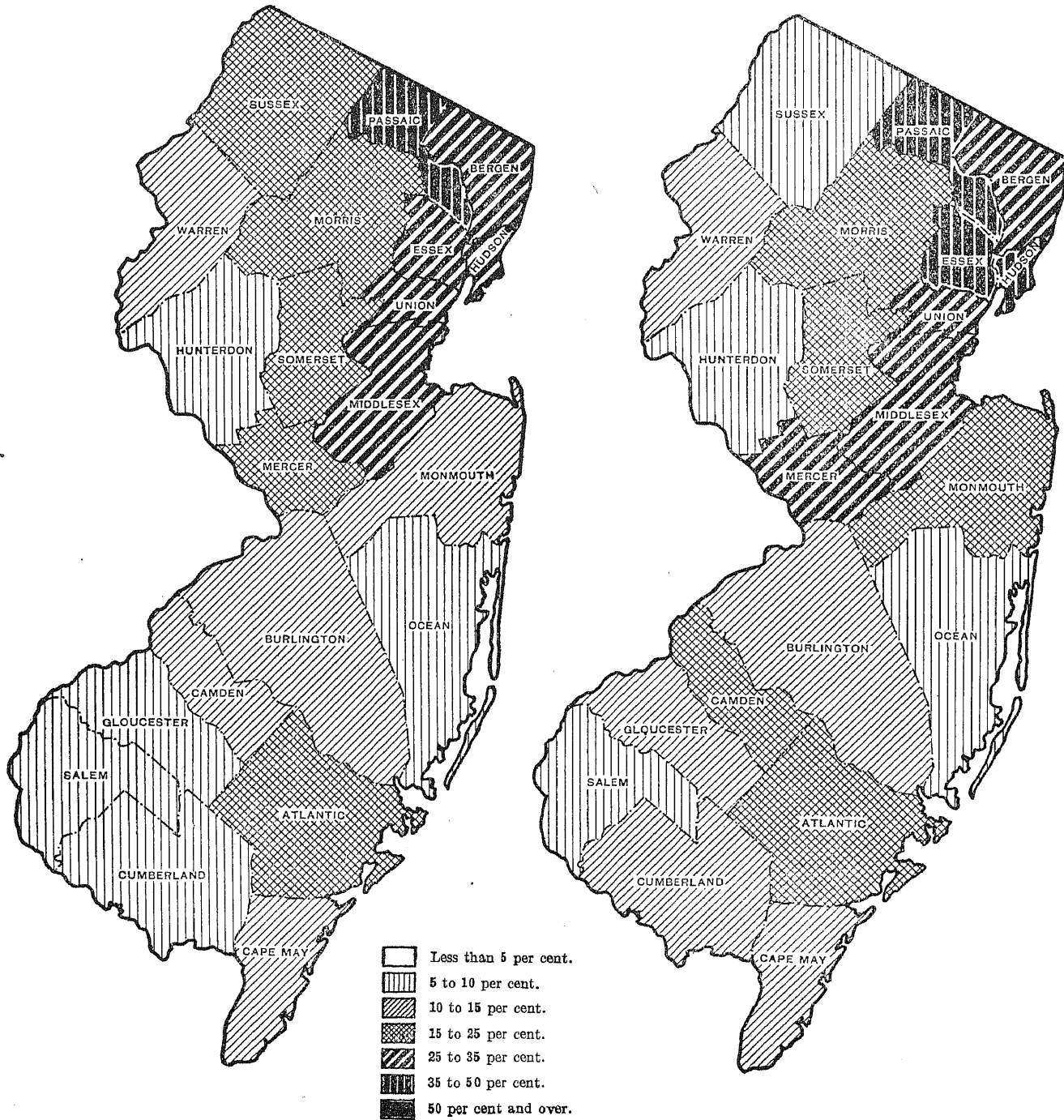
ASBURY PARK.—Part of Neptune township annexed in 1907.  
 BOONTON.—Made independent and parts of Boonton and Rockaway townships annexed in 1906.  
 CAMDEN.—Part of Stockton township annexed between 1890 and 1900.  
 CARLSTADT.—Bergen township annexed in 1905.  
 EAST ORANGE.—Incorporated between 1890 and 1900.  
 EDGEWATER.—Name changed from Undercliff in 1900.  
 ELIZABETH.—Part of Union township annexed in 1908.

FORT LEE.—Incorporated in 1904.  
 HALEDON.—Incorporated in 1908.  
 IRVINGTON.—Part of Clinton township annexed in 1902.  
 LONG BRANCH.—Part of Ocean township annexed in 1904.  
 NEWARK.—Vailsburg borough and part of Clinton township annexed in 1905 and 1902, respectively.  
 NUTLEY.—Incorporated in 1902.  
 PHILLIPSBURG.—Part of Lopateong township annexed in 1903.  
 PROSPECT PARK.—Incorporated in 1901.  
 ROOSEVELT.—Incorporated in 1906.  
 ROSELLE PARK.—Incorporated in 1901.  
 TRENTON.—Parts of Ewing and Hamilton townships annexed between 1890 and 1900.  
 WEST HOBOKEN TOWN.—Incorporated between 1890 and 1900.  
 WESTFIELD.—Incorporated in 1903.  
 WHARTON.—Name changed from Port Oram in 1902.

PROPORTION OF FOREIGN-BORN WHITE AND NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE OF NEW JERSEY, BY COUNTIES: 1910.

PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION.

PER CENT OF NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE IN TOTAL POPULATION.



## CHAPTER 3.

# STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

**Introduction.**—This chapter presents a complete statement of the statistics of agriculture for New Jersey collected at the census of 1910. Statistics of farms and farm property relate to April 15, 1910; those of farm products, expenses, and receipts are for the calendar year 1909.

**Definitions.**—To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

**Farm.**—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land, or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1909.

**Farmer.**—A "farmer" or "farm operator," according to the census definition, is a person who directs the operations of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, tenants, and managers.

**Farm owners** include (1) farmers operating their own land only, and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "owners" being then restricted to those owning all their land.

**Farm tenants** are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre.

**Managers** are farmers who are conducting farm operations for the owner for wages or a salary.

**Farm land.**—Farm land is divided into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved land, woodland being included with unimproved land. *Improved*

*land* includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. *Woodland* includes all land covered with natural or planted forest trees, which produce, or later may produce, firewood or other forest products. *All other unimproved land* includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics therefore must be considered at best only a close approximation.

**Total value of farm products.**—No attempt has been made at this census to compute or even to estimate approximately the total value of farm products. Among the numerous difficulties which stand in the way of obtaining a total which would be at once comprehensive, free from duplication, and confined exclusively to the products of a definite period of time are the following:

(1) The duplication resulting from the feeding of farm crops to farm live stock, when the value both of the products derived from such live stock and of the crops are included in the same total. In 1900 an attempt was made to eliminate this duplication by means of an inquiry as to the total value of the products of each farm fed to the live stock on that farm, but, aside from the fact that this would not eliminate the duplication where the products of one farm are fed to the live stock of another farm, it is believed that the farmers were unable to make even approximately accurate answers to the inquiry, and it was accordingly not included in the schedule for 1910.

(2) The fact that farmers may buy domestic animals during the census year which are subsequently sold or slaughtered during the same year, and that it is impossible to eliminate the duplication accurately; and the further fact that the value of domestic animals sold or slaughtered, or of forest products cut, during a given year (as well as some other minor items) does not usually represent a value created wholly during that year, and that it is quite impossible to ascertain the value created during the year.

(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession of it during the crop year 1909. In such cases the farmer was not always able to report completely and accurately the products of the land for the preceding year. It is probable that the returns for the principal crops are in general fairly accurate, but that those for minor crops and for dairy and poultry products are frequently understatements, particularly because the home consumption was disregarded or underestimated. In the belief that no accurate result could be obtained from such an inquiry, the Bureau of the Census did not even attempt to ascertain the total quantity and value of certain by-products, such as straw and cornstalks, which are of considerable importance, the schedule calling only for the value of such by-products sold.

**PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN NEW JERSEY, BY COUNTIES: 1910.**

**AVERAGE VALUE OF FARM LAND PER ACRE.**

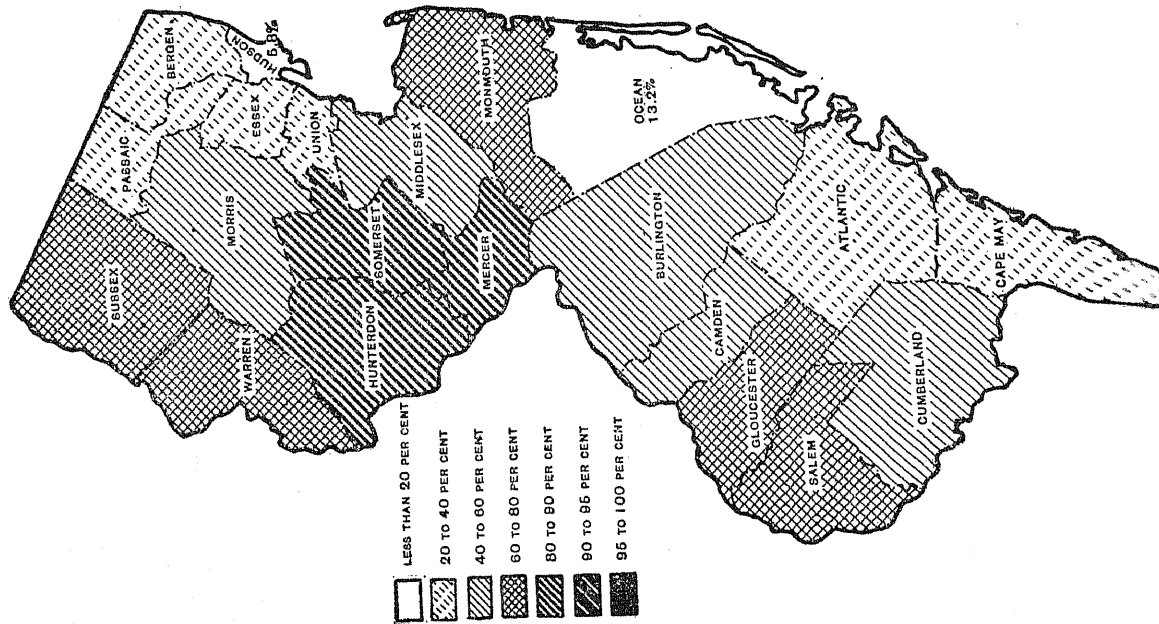
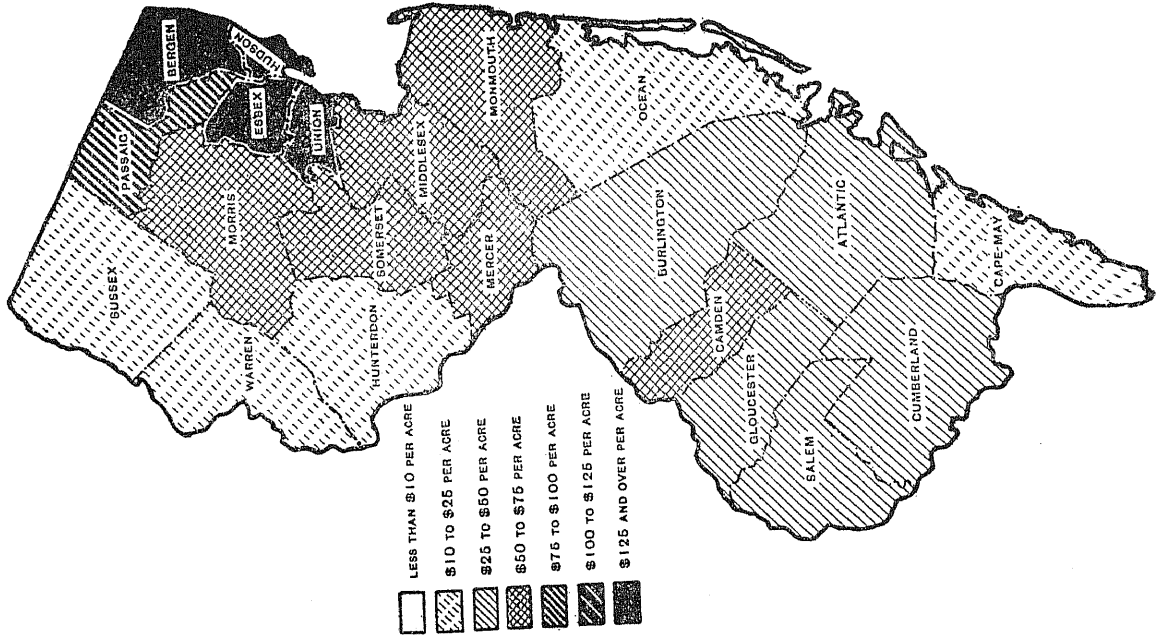
[Average for the state, \$48.23.]

When the value is less than \$10 per acre, it is inserted under the county name.

**PER CENT OF LAND AREA IN FARMS.**

[Per cent for the state, 53.5.]

The per cent of land area in farms, when less than 20, is inserted under the county name.



## FARMS AND FARM PROPERTY.

New Jersey ranks forty-fifth in area and eleventh in population among the states and territories of continental United States. The state of New Jersey rises from sea level along the greater part of its eastern and southern boundary to altitudes of 1,800 feet in the extreme northern portion of the state. Approximately one-half of the total area of the state lies between sea level and an elevation of 100 feet, while three-fourths of the area is below 500 feet in altitude. The southern three-fifths of the state lying to the southeast of a line drawn between Trenton and New Brunswick constitutes a Coastal Plain region of low altitude, which rises gently from the level of the Atlantic Ocean along its eastern margin to an elevated ridge about 200 feet in altitude, extending from the vicinity of Sandy Hook southwestward nearly parallel with the lower course of the Delaware River. Within this region the Delaware River and Delaware Bay are bordered by broad stretches of marine terraces rising from 10 to 80 feet above tide level. The drainage from this portion of the state is principally toward the Atlantic Ocean, although numerous short streams flow into the Delaware River and Delaware Bay. The prevailing soils lying between the elevated ridge and the Atlantic Ocean are sands and sandy loams, with numerous areas of swamp along the larger streams and around their headwaters, and with extensive tide-marsh areas along the coast line. The prevailing soils upon the terraces along the Delaware River and Bay are sandy loams and silt loams with some areas of extremely plastic clay. A considerable acreage of the most sandy land is not occupied for any intensive form of agriculture. The less sandy soils, particularly the sandy loams, are intensively cultivated, the leading crops being sweet potatoes, Irish potatoes, tomatoes, watermelons, and cantaloupes, while the heavier silt loams and clay soils yield excellent crops of corn, wheat, oats, and grass. Peaches are grown to excellent advantage upon some of the sandy loam soils.

Immediately to the northward from the Coastal Plain region is a low Piedmont section lying at an altitude of 50 to 250 feet above sea level and consisting of a rolling plain interrupted by high ridges of trap rock. The rolling portion of this plain is occupied chiefly by loam and clay soils of a deep red color, derived from the underlying Triassic rocks. These soils are well suited to general farming purposes. The northern portion of the state consists of the highlands immediately adjoining the Piedmont section and of a limited area in the extreme northwestern section where the Allegheny Ranges cross the Delaware River into New Jersey. All of the northern part of this highland area has been glaciated, while the portion

immediately adjoining the Piedmont section is occupied by residual soils similar to those of the western portion of the Piedmont area in more southern states.

The accompanying maps show by counties the proportion of the total land area which is in farms, and the average value of farm land per acre. Of the total land area of the state, 53.5 per cent is in farms. No counties in the state have as high as 90 per cent of their total area in farms, while two coast counties, Hudson and Ocean, show percentages of less than 20. Generally the eastern or coast counties show lower percentages than the western Delaware River counties. The three counties showing the highest percentages, namely, Hunterdon, Mercer, and Somerset, are grouped in the western half of the state, north of the great bend in the Delaware River. These counties have from 80 to 90 per cent of their area in farms.

The counties showing highest average value of farm land per acre, namely, Bergen, Hudson, Essex, Union, and Passaic, are in the extreme northeast section, which may be regarded as being more or less suburban to New York City. The counties showing high percentages of land area in farms do not show high average values per acre of farm land, the higher values being found in the region contributory to the metropolitan markets. It should be borne in mind that the average values are based upon total farm area, including unimproved land with improved land, and that the average is, therefore, far below the average value of the best farm land in the several counties.

Progress during the decade 1900 to 1910.—From 1900 to 1910 there was an increase in the population of the state of 653,498, or 34.7 per cent, while there was a decrease of 1,163, or 3.4 per cent, in the number of farms, and of 267,109 acres, or 9.4 per cent, in the acreage of farm land. The relative decrease in the acreage of farm land was so much greater than that in number of farms that the average size of farms decreased 5.1 acres.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased in value during the decade \$65,299,000, or 34.5 per cent. This great increase is chiefly made up of increases in value of \$23,761,000 in buildings and of \$30,782,000 in land, the decrease in acreage being more than offset by an advance of \$15.37, or 46.8 per cent, in average value of farm land per acre. There is also an increase of \$10,755,000 in the value of farm equipment, including implements and machinery and live stock, of which almost two-thirds represents a gain in the value of live stock. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. <sup>1</sup>	
			Amount.	Per cent.
Population.....	2, 537, 167	1, 883, 669	653, 498	34. 7
Number of all farms.....	33, 487	34, 650	-1, 163	-3. 4
Approximate land area of the state.....acres..	4, 808, 960	4, 808, 960	.....	.....
Land in farms.....acres..	2, 573, 857	2, 840, 966	-267, 109	-9. 4
Improved land in farms.....acres..	1, 803, 336	1, 977, 042	-173, 706	-8. 8
Average acres per farm.....	76. 9	82. 0	-5. 1	-6. 2
Value of farm property: Total.....	\$254, 832, 665	\$189, 533, 660	\$65, 299, 005	34. 5
Land.....	124, 143, 167	93, 360, 930	30, 782, 237	33. 0
Buildings.....	92, 991, 352	69, 230, 080	23, 761, 272	34. 3
Implements and machinery.....	13, 109, 507	9, 330, 030	3, 779, 477	40. 5
Domestic animals, poultry, and bees.....	24, 588, 639	17, 612, 620	6, 976, 019	39. 6
Average value of all property per farm.....	\$7, 610	\$5, 470	\$2, 140	39. 1
Average value of land per acre.....	\$48. 23	\$32. 86	\$15. 37	46. 8

<sup>1</sup> A minus sign (-) denotes decrease.

The average value of a farm with its equipment in 1900 was \$5,470, while 10 years later it was \$7,610. The average value of land rose from \$32.86 per acre in 1900 to \$48.23 in 1910, this advance being accompanied by increases in the average value per farm of implements and machinery and of live stock.

Population, number of farms, and farm acreage: 1850 to 1910.—The following table presents, for the state as a whole for each census from 1850 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popula-tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im-proved.
		Num-ber.	Per cent of in-crease. <sup>1</sup>	All land.		Improved land (acres).		
				Acres.	Per cent of in-crease. <sup>1</sup>			
1910.....	2, 537, 167	33, 487	-3. 4	2, 573, 857	-9. 4	1, 803, 336	53. 5	70. 1
1900.....	1, 883, 669	34, 650	12. 4	2, 840, 966	6. 7	1, 977, 042	59. 1	69. 6
1890.....	1, 444, 933	30, 828	-10. 1	2, 662, 009	-9. 1	1, 999, 117	55. 4	75. 1
1880.....	1, 131, 116	34, 307	11. 9	2, 929, 773	-2. 0	2, 096, 297	60. 9	71. 5
1870.....	906, 096	30, 652	10. 9	2, 989, 511	0. 2	1, 976, 474	62. 2	66. 1
1860.....	672, 035	27, 646	15. 6	2, 983, 525	8. 4	1, 944, 441	62. 0	65. 2
1850.....	489, 555	23, 905	.....	2, 752, 940	.....	1, 767, 991	57. 2	64. 2

<sup>1</sup> A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has increased from 489,555 to 2,537,167, or more than fivefold.

The number of farms in New Jersey increased continuously from 1850 to 1880. In the decade 1880 to 1890 the number reported fell off, the decrease in this decade, however, being almost exactly offset by the increase in the decade 1890 to 1900. Since 1900, as

already noted, there has been a slight decrease, the number of farms in 1910 being somewhat less than in 1880. Farm acreage in the state has not changed materially during the whole period 1850 to 1910; the acreage in 1910 is, in fact, somewhat less than that reported for 1850. The land in farms constituted a smaller proportion of the total area of the state than shown at any previous census. The percentage in farms has, however, never been high in New Jersey, the maximum, 62.2, being reported for 1870. Acreage of improved land showed a slight increase at each census, 1850 to 1880; since 1880 it has decreased slightly during each decade. Improved acreage was, however, somewhat greater in 1910 than in 1850. The percentage of farm land improved increased continuously, during the period 1850 to 1890, from 64.2 to 75.1. It declined in the decade 1890 to 1900 to 69.6 and increased slightly in the last decade to 70.1.

Values of farm property: 1850 to 1910.—The agricultural changes in New Jersey since 1850, as reflected in the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of in-crease. <sup>1</sup>	Value.	Per cent of in-crease. <sup>1</sup>	Value.	Per cent of in-crease.	Value.	Per cent of in-crease. <sup>1</sup>
1910.....	\$254, 832, 665	34. 5	\$217, 134, 519	33. 5	\$13, 109, 507	40. 5	\$24, 588, 639	39. 6
1900.....	189, 533, 660	3. 9	162, 591, 010	2. 1	9, 330, 030	26. 4	17, 612, 620	11. 4
1890.....	182, 452, 914	-14. 2	159, 262, 840	-16. 6	7, 378, 644	6. 6	15, 811, 430	6. 4
1880.....	212, 678, 330	-7. 3	190, 895, 833	-7. 3	6, 921, 085	9. 7	14, 861, 412	-13. 4
1870 <sup>2</sup> .....	229, 483, 864	13. 5	206, 018, 701	14. 3	6, 310, 393	9. 8	17, 154, 770	6. 3
1860.....	202, 131, 598	49. 3	180, 250, 338	49. 9	5, 746, 567	29. 8	16, 134, 693	51. 1
1850.....	135, 342, 305	.....	120, 237, 511	.....	4, 425, 503	.....	10, 679, 291	.....

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Computed gold values, being 80 per cent of the currency values reported.

The total wealth in the form of farm property is \$254,833,000, of which 85.2 per cent is represented by land and buildings, 5.1 per cent by implements and machinery, and 9.6 per cent by live stock. During the 20 years 1850 to 1870 the aggregate value of farm property increased from \$135,342,000 to \$229,484,000. In the succeeding 20 years the aggregate value declined to \$182,453,000, and in the 20 years 1890 to 1910 increased to \$254,833,000. The increase during the decade 1890 to 1900 was, however, inconsiderable. Since 1900 farm values have increased one-third, or 34.5 per cent. It is true of land and buildings as of total farm property that the increase during the last decade amounted to one-third of the value in 1900, being 33.5 per cent. The value of farm implements and machinery has shown an increase at each census, 1850 to 1910. The increase during the last decade, however, amounting to 40.5 per cent, is greater in amount than the increase from 1860 to 1900. The aggregate value reported for live stock has shown considerable fluctuations, but the increase during the last decade, from \$17,613,000 to \$24,589,000, amounts to 39.6 per cent.

**Average acreage and values per farm: 1850 to 1910.**—The changes which have taken place during the past 60 years in the average acreage of New Jersey farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. <sup>1</sup>				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	76.9	\$7,610	\$6,484	\$391	\$734	\$84.36
1900.....	82.0	5,470	4,692	269	508	57.23
1890.....	86.4	5,918	5,166	239	513	59.83
1880.....	85.4	6,199	5,564	202	433	65.16
1870 <sup>2</sup> .....	97.5	7,487	6,721	206	560	68.91
1860.....	107.9	7,311	6,520	208	584	60.42
1850.....	115.2	5,662	5,030	185	447	43.68

<sup>1</sup> Averages are based on "all farms" in state.  
<sup>2</sup> Computed gold values, being 80 per cent of the currency values reported.

In average size the New Jersey farm, which was 76.9 acres in 1910, has shown a net decrease of 38.3 acres since 1850, the decrease being continuous except for a slight increase during the decade 1880 to 1890.

The average value of a farm, including its equipment, has advanced during the last decade from \$5,470 to \$7,610. Of this \$7,610, \$6,484 represents the value of land and buildings, \$734 the value of live stock, and \$391 the value of implements and machinery. The average value of farms increased from 1850 to 1870, and decreased at each decade from 1870 to 1900. It is now over one and one-third times as great as in 1850. During the last decade the value per acre of land and buildings has increased from \$57.23 to \$84.36, an increase of \$27.13 per acre. It may be

noted that at each of the three decades 1870 to 1900, the average value per acre had decreased, the maximum value reported at any census prior to 1910, \$68.91, being that for 1870. The average value per farm of equipment, which includes implements and machinery and live stock, is nearly twice as great as it was 60 years ago.

**Farm tenure: 1880 to 1910.**—The following table shows the distribution of the farms of the state according to character of tenure at each census since 1880:

TENURE.	1910	1900	1890	1880
Number of all farms.....	33,487	34,650	30,828	34,307
Farms operated by owners and managers	25,193	24,265	22,442	25,869
Farms consisting of owned land only.....	22,992	22,438	(1)	(1)
Farms consisting of owned and hired land.....	1,141	996	(1)	(1)
Farms operated by managers.....	1,060	861	(1)	(1)
Farms operated by tenants.....	8,294	10,355	8,386	8,438
Share tenants.....	3,921	5,056	4,937	4,830
Share-cash tenants <sup>2</sup> .....	177			
Cash tenants.....	3,499	5,299	3,449	3,608
Tenure not specified <sup>3</sup> .....	697			
Per cent of farms operated by—				
Owners and managers.....	75.2	70.1	72.8	75.4
Tenants.....	24.8	29.9	27.2	24.6
Share and share-cash.....	12.2	14.6	16.0	14.1
Cash and nonspecified.....	12.5	15.3	11.2	10.5

<sup>1</sup> Not reported separately.  
<sup>2</sup> Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.  
<sup>3</sup> Prior to 1910 nonspecified tenants were included with cash tenants.

While there was a decrease of 1,163 in the total number of farms during the last decade, the number operated by owners and managers increased 898, and the number operated by tenants decreased 2,061.

In 1880 about one out of every four farms was operated by a tenant. This proportion increased during the next 20 years, until in 1900 three farms in every ten were so operated. In the last decade, however, a reversal of this movement has reduced the relative frequency of tenancy in 1910 to almost exactly what it was in 1880.

In 1910 the number of share tenants (including share-cash) was very nearly equal to the number of cash tenants (including nonspecified), cash tenancy showing a net increase and share tenancy a net decrease for the 30-year period 1880 to 1910. Both forms of tenancy have, however, decreased during the last decade.

The following table shows the acreage, improved acreage, and value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	2,573,857	2,840,966	1,803,336	1,977,042	\$217,134,519	\$162,591,010
Owners.....	1,562,906	1,624,766	1,105,612	1,166,303	133,121,579	98,616,500
Managers.....	227,340	250,292	106,528	78,323	27,319,227	12,150,040
Tenants.....	783,611	965,908	591,196	732,416	56,693,713	51,824,470

The following table shows the per cent distribution, by tenure groups, of the items in the preceding table, and also of the number of farms:

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	72.1	67.6	60.7	57.2	61.3	59.0	61.3	60.7
Managers.....	3.2	2.5	8.8	8.8	5.9	4.0	12.6	7.5
Tenants.....	24.8	29.9	30.4	34.0	32.8	37.0	26.1	31.9

It will be seen that, in 1910, 60.7 per cent of all land in farms was in farms operated by owners (including part owners), 8.8 per cent in farms operated by managers, and 30.4 per cent in farms operated by tenants, the percentage for owners being higher, that for tenants lower, and that for managers the same as in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (214.5 acres) was more than twice as great as that of tenant farms (94.5 acres), which was in turn considerably larger than that of farms operated by owners (64.8 acres). The average size of farms operated by managers decreased decidedly between 1900 and 1910, while that of farms operated by owners also decreased, and that of tenant farms increased. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.	AVERAGE VALUE OF LAND AND BUILDINGS.				
	All land.		Improved land.			Per farm.		Per acre.		
	1910	1900	1910	1900		1910	1900	1910	1900	
Total.....	76.9	82.0	53.9	57.1	70.1	69.6	\$6,484	\$4,692	\$84.36	\$57.23
Owners.....	64.8	69.3	45.8	49.8	70.7	71.8	5,516	4,208	85.18	60.70
Managers.....	214.5	290.7	100.5	91.0	46.9	31.3	25,773	14,112	120.17	48.54
Tenants.....	94.5	98.3	71.3	70.7	75.4	75.8	6,836	5,005	72.35	53.65

**Farm mortgages: 1890 to 1910.**—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The following table relates to farms operated by persons owning all or part of the land and shows for 1910 (1) the number of such farms reported as free

from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. <sup>1</sup>		OWNED FARM HOMES.		OWNED FARM HOMES. <sup>2</sup>	
	1910		1900		1890	
	Number.	Per cent. <sup>3</sup>	Number.	Per cent. <sup>3</sup>	Number.	Per cent.
Total.....	24,133		24,052		21,687	
Free from mortgage.....	11,983	50.4	11,104	48.1	11,080	51.1
Mortgaged.....	11,793	49.6	11,968	51.9	10,607	48.9
Unknown.....	357		980			

<sup>1</sup> Includes all farms owned in whole or in part by the operator.  
<sup>2</sup> The 358 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.  
<sup>3</sup> Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 24,133. Of this number, 11,983 were reported as free from mortgage; 11,793 were reported as mortgaged; and for 357 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 49.6 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is slightly smaller than it was in 1900, which in turn was slightly larger than it was in 1890.

It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the number of mortgaged farms increased more than the number free from mortgage.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 11,793 farms reported as mortgaged, 11,195 are wholly owned by the farmers, and for 10,666 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included under 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebt-



edness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE. <sup>1</sup>	
	1910 <sup>2</sup>	1890 <sup>3</sup>	Amount.	Per cent.
Number.....	10,666	10,607		
Value—Land and buildings.....	\$55,507,006	\$51,880,399		
Amount of mortgage debt.....	\$19,476,938	\$25,755,096		
Per cent of debt to value.....	35.1	49.6		
Average value per farm.....	\$5,204	\$4,891	\$313	6.4
Average debt per farm.....	\$1,826	\$2,428	-\$602	-24.8
Average equity per farm.....	\$3,378	\$2,463	\$915	37.1

<sup>1</sup> A minus sign (—) denotes decrease.  
<sup>2</sup> Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.  
<sup>3</sup> Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms decreased in 20 years from \$2,428 to \$1,826, or 24.8 per cent, while the average value of such farms rose from \$4,891 to \$5,204, or 6.4 per cent. Thus the owner's equity increased from \$2,463 to \$3,378, or 37.1 per cent. As a result of the increase in farm value and the decrease in farm debt, the aggregate mortgage indebtedness, which was 49.6 per cent of the aggregate value of the mortgaged farms in 1890, had decreased to 35.1 per cent of this value in 1910.

**Farms by size groups: 1910 and 1900.**—The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
<b>Total</b> .....	33,487	34,650	-1,163	-3.4	100.0	100.0
Under 3 acres.....	541	771	-230	-29.8	1.6	2.2
3 to 9 acres.....	3,256	2,770	486	17.5	9.7	8.0
10 to 19 acres.....	4,276	4,044	232	5.7	12.8	11.7
20 to 49 acres.....	7,607	7,632	-25	-0.3	22.7	22.0
50 to 99 acres.....	8,194	8,882	-688	-7.7	24.5	25.6
100 to 174 acres.....	7,207	7,855	-648	-8.2	21.5	22.7
175 to 259 acres.....	1,659	1,862	-203	-10.9	5.0	5.4
260 to 499 acres.....	576	651	-75	-11.5	1.7	1.9
500 to 999 acres.....	112	110	2	1.8	0.3	0.3
1,000 acres and over.....	59	73	-14	-19.2	0.2	0.2

<sup>1</sup> A minus sign (—) denotes decrease.

A little over two-thirds of the farms in New Jersey are between 20 and 174 acres in size, and about one-fourth are between 3 and 19 acres. Except for an inconsiderable increase in the number of small farms, of 3 to 19 acres, and an increase of 2 in the number of farms 500 to 999 acres, fewer farms were reported for each size group in 1910 than in 1900. The increase and decrease have, however, been so inconsiderable and so generally distributed as to leave the proportion of farms in each size group not greatly changed.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 8,073), and also the farms of between 175 and 499 acres (numbering 2,235):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
<b>Total</b> .....	2,573,857	2,840,966	1,803,336	1,977,042	\$217,134,519	\$162,591,010
Under 20 acres.....	77,541	74,332	64,420	62,758	31,003,585	20,827,460
20 to 49 acres.....	243,806	249,077	187,500	191,908	33,700,754	26,345,090
50 to 99 acres.....	585,063	638,281	458,015	493,417	51,375,789	39,232,180
100 to 174 acres.....	911,564	991,720	698,575	769,425	59,041,617	46,789,250
175 to 499 acres.....	524,918	590,453	337,874	391,120	31,466,639	23,744,660
500 to 999 acres.....	70,426	67,963	30,988	27,255	5,129,585	3,339,130
1,000 acres and over.....	160,539	229,140	25,964	36,159	5,416,560	2,313,240

The following table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms:

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	24.1	21.9	3.0	2.6	3.6	3.2	14.3	12.8
20 to 49 acres.....	22.7	22.0	9.5	8.8	10.4	9.7	15.5	16.2
50 to 99 acres.....	24.5	25.6	22.7	22.5	25.4	25.2	23.7	24.1
100 to 174 acres.....	21.5	22.7	35.4	34.9	38.7	38.9	27.2	28.8
175 to 499 acres.....	6.7	7.3	20.4	20.8	18.7	19.8	14.5	14.6
500 to 999 acres.....	0.3	0.3	2.7	2.4	1.7	1.4	2.4	2.1
1,000 acres and over.....	0.2	0.2	6.2	8.1	1.4	1.8	2.5	1.4

Of the total farm acreage of the state in 1910, 35.4 per cent was in farms of 100 to 174 acres, this being from the standpoint of aggregate acreage the most important size group. The farms of from 50 to 99 acres, and those of from 175 to 499 acres comprise, respectively, 22.7 per cent and 20.4 per cent of the total acreage. Between 1900 and 1910 there was an increase in the proportion of the total acreage comprised in the farms of each size group under 175 acres. There was a rather marked decline in the proportion of land in farms of 1,000 acres and over.

In general, as shown by the next table, the percentage of farm land improved diminishes as the size of the farms increases. For this reason and also because buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land generally diminishes with the increase in the size of the farms; it is very much higher for the farms under 20 acres in size than for those of any other group. Many of the small farms in New Jersey are primarily places of

residence of wealthy persons, with expensive buildings, and many others are highly improved truck farms.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total.....	70.1	69.6	\$6,484	\$4,692	\$84.36	\$57.23
Under 20 acres.....	83.1	84.4	3,840	2,746	399.83	280.20
20 to 49 acres.....	76.9	77.0	4,430	3,452	138.23	105.77
50 to 99 acres.....	78.3	78.1	6,270	4,417	87.81	61.47
100 to 174 acres.....	76.6	77.6	8,192	5,957	64.77	47.18
175 to 499 acres.....	64.4	66.2	14,079	9,449	59.95	40.21
500 to 999 acres.....	44.0	40.1	45,800	30,356	72.84	49.13
1,000 acres and over.....	16.2	15.8	91,806	31,688	33.74	10.10

**Color and nativity of farmers: 1910.**—Prior to the Thirtieth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The table which follows shows the color and nativity of farm operators, by character of tenure, for 1910.

Four out of every five farmers were native whites, 18.6 per cent foreign-born whites, and only 476, or 1.4 per cent, were nonwhite, 472 being negroes, 3 Japanese, and 1 Chinese. Of the native whites, 26.6 per cent were

tenants and 3.1 per cent managers, as compared with 15.7 and 3.3 per cent among foreign-born whites and 38.7 and 5.7 per cent among the nonwhite farmers.

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Own-ers.	Ten-ants.	Man-agers.	Per cent of total.		
	Num-ber.	Per cent dis-tribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	33,487	100.0	24,133	8,294	1,060	72.1	24.8	3.2
Native white.....	26,796	80.0	18,833	7,137	826	70.3	26.6	3.1
Foreign-born white..	6,215	18.6	5,035	973	207	81.0	15.7	3.3
Negro and other nonwhite.....	476	1.4	265	184	27	55.7	38.7	5.7

Of the 6,215 foreign-born white farmers in New Jersey in 1910, 2,002 were born in Germany, 1,134 in Italy, 606 in England, 600 in Russia, 579 in Ireland, 215 in Austria, 136 in Switzerland, 133 in Holland, 129 in France, 128 in Scotland, 105 in Denmark, 92 in Sweden, 84 in Hungary, and 75 in Canada. Other European countries were represented by a total of 185 farmers, and non-European countries, other than Canada, by 12.

#### DOMESTIC ANIMALS, POULTRY, AND BEES.

**Domestic animals on farms: 1910.**—The census of 1910 was taken as of April 15 and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and on the other hand a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this chapter, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

Of the total number of farms enumerated, 30,941, or 92.4 per cent, report domestic animals of some kind, the number without any domestic animals being 2,546.

Of all the farms in the state, 76.8 per cent report cattle, 75.5 per cent reporting "dairy cows" and 14.1 per cent "other cows." Only 438 farms have cattle without having dairy cows. The total number of dairy cows decreased somewhat during the decade, but their average value increased from \$37.10 to \$46.25 each. The farms reporting dairy cows show an average of over 6 per farm.

The census of 1900 was taken as of June 1, after all the spring calves were born, while that of 1910 was taken as of April 15, before the close of the calving season and when the calves on hand were on the average younger than at the enumeration of 1900. As a

result, the calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 39,685 to 27,934, and the average value decreasing from \$8.82 to \$7.79.

Horses are reported by 85.8 per cent of all the farms in the state, but only 5 per cent report colts born in 1909 and 1.5 per cent report spring colts. A comparatively small difference is found in the average values of mature horses and spring colts, due to the fact that a large proportion of these colts are reported as thoroughbreds.

About one farmer in every eighteen reports mules. The average value of mature mules is higher than that of mature horses, while the mule colts are considerably lower in average value than the corresponding horse groups.

Of all farms, 47.9 per cent report swine, the average number being 9 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$10.79, while that of spring pigs is a little less than one-third as much.

Sheep and lambs are reported from only 878 farms, or 2.6 per cent of the farms in the state. The number of spring lambs is 88.4 per cent of the number of ewes. For the farms reporting ewes the average is over 19 ewes per farm.

The next table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	30,941	92.4	.....	\$22,325,469	.....
<b>Cattle</b> .....	25,713	76.8	222,999	8,393,117	\$37.64
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	25,275	75.5	154,418	7,141,572	46.25
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	4,730	14.1	14,896	423,250	28.41
Heifers born in 1909.....	6,881	20.5	17,625	334,080	18.95
Calves born after Jan. 1, 1910.....	9,966	29.8	27,934	217,613	7.79
Steers and bulls born in 1909.....	2,583	7.7	3,904	98,383	25.20
Steers and bulls born before Jan. 1, 1909.....	3,159	9.4	4,222	178,219	42.21
<b>Horses</b> .....	28,732	85.8	88,922	12,012,512	135.09
Mares, stallions, and geldings born before Jan. 1, 1909.....	28,688	85.7	86,032	11,725,055	136.29
Colts born in 1909.....	1,684	5.0	2,207	201,762	91.42
Colts born after Jan. 1, 1910.....	495	1.5	683	85,695	125.47
<b>Mules</b> .....	1,878	5.6	4,041	621,774	153.87
Mules born before Jan. 1, 1909.....	1,833	5.5	3,960	616,389	155.65
Mule colts born in 1909.....	51	0.2	61	4,660	76.39
Mule colts born after Jan. 1, 1910.....	17	0.1	20	725	36.25
<b>Asses and burros</b> .....	31	0.1	53	5,274	99.51
<b>Swine</b> .....	16,051	47.9	147,005	1,127,040	7.67
Hogs and pigs born before Jan. 1, 1910.....	14,318	42.8	86,699	935,728	10.79
Pigs born after Jan. 1, 1910.....	5,746	17.2	60,306	191,312	3.17
<b>Sheep</b> .....	878	2.6	30,683	161,138	5.25
Ewes born before Jan. 1, 1910.....	818	2.4	15,719	93,277	5.93
Rams and wethers born before Jan. 1, 1910.....	367	1.1	1,076	8,341	7.75
Lambs born after Jan. 1, 1910.....	730	2.2	13,888	59,520	4.29
<b>Goats</b> .....	157	0.5	574	4,614	8.04

**Poultry on farms: 1910 and 1900.**—The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Per cent of all farms.			
Total.....	30,144	90.0	2,597,448	\$2,221,610	2,076,514
Chickens.....	30,076	89.8	2,320,439	2,012,792	1,993,594
Turkeys.....	2,379	7.1	10,647	31,778	32,378
Ducks.....	3,972	11.9	39,441	36,997	40,024
Geese.....	1,899	5.7	9,160	16,666	10,518
Guinea fowls.....	3,470	10.4	21,994	11,814	(1)
Pigeons.....	2,075	6.2	195,738	111,445	(2)
All other <sup>3</sup> .....	6	(4)	29	118	(2)

<sup>1</sup> Included with chickens.  
<sup>2</sup> Not reported.  
<sup>3</sup> Three farms report 5 peafowls, valued at \$50; 2 farms report 18 pheasants, valued at \$50; and 1 farm reports 6 wild geese, valued at \$18.  
<sup>4</sup> Less than one-tenth of 1 per cent.

The increase in the number of fowls during the last decade amounts to 25.1 per cent, while the value increased from \$1,301,000 to \$2,222,000, or 70.8 per cent. The number of farms reporting poultry de-

creased from 30,958 to 30,144, or 2.6 per cent, the average number of fowls per farm reporting increasing from 67 to 86. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees has decreased from 2,327 in 1900 to 1,627 in 1910, or 30.1 per cent. The number of colonies of bees decreased from 14,118 to 10,484, or 25.7 per cent, and their value increased from \$39,219 to \$41,560, or 6 per cent. The average value of bees per farm reporting was \$16.85 in 1900 and \$25.54 in 1910. About 1 farm in every 20 reports bees.

**Domestic animals not on farms: 1910.**—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the next table age groups are omitted for the sake of brevity, but it may be noted that in cities and villages a comparatively small proportion of the animals of each class are in the younger age groups.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	40,871	.....	\$17,523,864	.....
All cattle.....	6,991	14,512	680,897	\$46.92
Dairy cows.....	6,702	11,869	619,859	52.23
Horses.....	35,815	96,384	16,476,601	170.95
Mules.....	476	1,519	259,491	170.83
Asses and burros.....	47	55	2,898	52.69
Swine.....	3,163	9,264	84,425	9.11
Sheep.....	42	207	3,049	14.73
Goats.....	1,219	2,111	16,503	7.82

As would be expected, horses are by far the most important class of domestic animals not on farms, both in number and in value; cattle, consisting mainly of dairy cows, rank next in importance.

**Domestic animals on farms and not on farms: 1910.**—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....	.....	\$39,849,333	.....	\$22,325,469	.....	\$17,523,864
All cattle.....	237,511	9,074,014	222,999	8,393,117	14,512	680,897
Dairy cows.....	166,287	7,761,431	154,418	7,141,572	11,869	619,859
Horses.....	185,306	28,489,113	88,922	12,012,512	96,384	16,476,601
Mules.....	5,560	881,265	4,041	621,774	1,519	259,491
Asses and burros.....	108	8,172	53	5,274	55	2,898
Swine.....	156,269	1,211,465	147,005	1,127,040	9,264	84,425
Sheep.....	30,890	164,187	30,683	161,138	207	3,049
Goats.....	2,685	21,117	574	4,614	2,111	16,503

The total value of all domestic animals in the state in 1910 was \$39,849,000, of which the value of animals not on farms represented 44 per cent, this comparatively high proportion being attributable to the

urban character of a large part of the population of New Jersey.

The number of horses not on farms was somewhat larger than the number on farms.

#### LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products, for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

**Dairy products: 1909 and 1899.**—The following table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899:

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	25,275	75.5	154,418	Head	.....	.....
On farms reporting dairy products in 1909.....	22,266	66.5	144,274	Head	.....	.....
On farms reporting milk produced in 1909.....	20,073	59.9	129,807	Head	.....	.....
<b>Specified dairy products, 1909:</b>						
Milk reported.....			67,698,219	Gals.		
Butter made.....	12,328	36.8	3,622,411	Lbs.	\$1,069,935	\$0.29
Cheese made.....	228	0.7	77,824	Lbs.	9,277	0.12
Milk sold.....	10,185	30.4	56,856,550	Gals.	8,937,246	0.16
Cream sold.....	107	0.3	79,485	Gals.	76,399	0.96
Butter fat sold.....	238	0.7	249,557	Lbs.	73,743	0.30
Butter sold.....	7,193	21.5	2,003,029	Lbs.	593,826	0.30
Cheese sold.....	76	0.2	42,462	Lbs.	4,138	0.10
Total receipts from sales, 1909.....					9,685,352	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					10,156,600	.....
<b>Specified dairy products, 1899:</b>						
Butter made.....	17,111	49.4	5,894,363	Lbs.	.....	.....
Cheese made.....	53	0.2	24,377	Lbs.	.....	.....
Butter sold.....			3,748,489	Lbs.	818,624	0.22
Cheese sold.....			20,909	Lbs.	2,189	0.10

The number of farms reporting dairy cows on April 15, 1910, was 25,275, but only 22,266 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 20,073 (somewhat less than the total number reporting dairy products), and the number of

dairy cows on such farms on April 15, 1910, was 130,000. The amount of milk reported was 67,698,000 gallons; assuming that there was the same number of cows in 1909 as in 1910, this would represent an average of 522 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$10,157,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About five-sixths of the milk produced in New Jersey in 1909 was sold as such. The quantity of milk and cream sold on the butter fat basis was comparatively small. The butter made on farms in 1909 was valued at \$1,060,000.

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a material decrease between 1899 and 1909 in the amount of butter made and a decided increase in the production of cheese.

**Wool: 1909 and 1899.**—The next table gives statistics as to the production of wool on farms, the figures being partly based on estimates.<sup>1</sup>

<sup>1</sup> Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 254 farmers who reported the possession of 3,559 sheep of shearing age on Apr. 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep or did not occupy the same farm during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on Apr. 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on Apr. 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	811	16,795			
Wool produced, as reported, 1909.....	587		13,321	77,854	\$18,523
On farms reporting sheep April 15, 1910.....	557	13,236	12,720	74,653	17,718
On other farms.....	30		601	3,201	805
Total production of wool (partly estimated):					
1909.....			16,140	94,726	22,482
1899.....			28,353	146,628	31,266
Increase, 1899 to 1909.....			12,213	51,902	8,784
Per cent of increase.....			43.1	35.4	28.1

The total number of sheep of shearing age in New Jersey on April 15, 1910, was 16,795, representing a decrease of 36.3 per cent, as compared with the number on June 1, 1900 (26,363). The approximate production of wool during 1909 was 16,000 fleeces, weighing 95,000 pounds and valued at \$22,000. Of these totals, about one-sixth represents estimates. The number of fleeces produced in 1909 was 43.1 per cent less than in 1899. The average weight per fleece in 1909 was 5.9 pounds, as compared with 5.2 pounds in 1899, and the average value per pound was 24 cents, as compared with 21 cents in 1899.

**Goat hair and mohair: 1909 and 1899.**—Although 157 farmers reported 574 goats and kids on their farms April 15, 1910, only 7 reported the production of goat hair or mohair during 1909. These farmers reported 53 fleeces, weighing 187 pounds and valued at \$56. In 1899 no production of goat hair or mohair was reported.

**Poultry products: 1909 and 1899.**—The statement below gives data relative to the production and sale of eggs and poultry:

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	30,144	2,597,448		
On farms reporting eggs produced in 1909.....	26,219	2,407,883		
On other farms.....	3,925	189,565		
Eggs produced, as reported, 1909.....	26,538		Dozens.	
Total production of eggs (partly estimated):			13,630,302	\$3,584,157
1909.....			14,842,859	3,903,005
1899.....			11,942,550	1,938,304
Increase, 1899 to 1909.....			2,900,309	1,964,701
Per cent of increase.....			24.3	101.4
Eggs sold, as reported, 1909.....	22,128		9,578,886	2,535,668
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	26,470	2,386,611		
On other farms.....	3,674	210,837		
Poultry raised, as reported, 1909.....	26,978		No. of fowls.	
Total poultry raised (partly estimated):			4,453,830	3,533,844
1909.....			4,847,288	3,846,029
1899.....			2,265,316	1,580,213
Increase, 1899 to 1909.....				69.7
Per cent of increase.....				69.7
Fowls sold, as reported, 1909.....	19,930		2,540,200	2,130,591

The total number of fowls on New Jersey farms on April 15, 1910, was 2,597,000. Of the 30,144 farms reporting fowls, 3,925 did not report any eggs produced in 1909 and 3,674 did not report any poultry

raised in 1909. The production of eggs actually reported for the year 1909 was 13,630,000 dozens, valued at \$3,584,000. According to the Twelfth Census reports the production of eggs in 1899 was 11,943,000 dozens, the value being \$1,938,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 14,843,000 dozens, valued at \$3,903,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 4,847,000 fowls, valued at \$3,846,000.

**Honey and wax: 1909.**—Although, as noted elsewhere, 1,627 farms reported 10,484 colonies of bees on hand April 15, 1910, 629 of these farms, with 2,159 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 152,072 pounds of honey, valued at \$22,484, and 1,372 pounds of wax, valued at \$433; the true totals are doubtless somewhat above these figures.

**Sale or slaughter of domestic animals on farms: 1909 and 1899.**—The following statement presents statistics relating to the sale or slaughter of domestic animals by New Jersey farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
<b>1909—All domestic animals:</b>					
Sold.....				\$3,433,924	
Slaughtered.....				1,562,926	
Calves:					
Sold.....	16,478	49.2	112,885	891,511	\$7.90
Slaughtered.....	622	1.9	14,025	114,286	8.15
Other cattle:					
Sold.....	6,270	18.7	30,954	1,224,920	39.57
Slaughtered.....	1,377	4.1	3,175	121,310	38.21
Horses:					
Sold.....	2,007	6.0	4,921	626,777	127.37
Mules:					
Sold.....	89	0.3	245	37,808	154.32
Asses and burros:					
Sold.....	1	( <sup>1</sup> )	1	20	20.00
Swine:					
Sold.....	4,875	14.6	88,639	598,483	6.75
Slaughtered.....	13,906	41.5	73,769	1,319,473	17.90
Sheep:					
Sold.....	403	1.2	9,356	53,940	5.77
Slaughtered.....	149	0.4	1,229	7,743	6.30
Goats:					
Sold.....	22	0.1	82	465	5.67
Slaughtered.....	11	( <sup>1</sup> )	19	114	6.00
<b>1899—All domestic animals:</b>					
Sold <sup>2</sup> .....				1,638,767	
Slaughtered.....				1,406,187	

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$3,434,000, and that of animals slaughtered on farms, \$1,563,000, making an aggregate of \$4,997,000.

This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented over 60 per cent of the total value of animals sold.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms report-

ing and the total value of those slaughtered during 1899, which amounted, respectively, to \$1,639,000 and \$1,406,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

### CROPS.

**Summary: 1909 and 1899.**—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with the other it should be borne in mind that acreage is on the whole a better index of the general

changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.					
	1909	1899	Increase. <sup>1</sup>		1909	1899	1909	1899	Increase. <sup>1</sup>		Per cent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops.....							\$40,340,491	\$27,916,841	\$12,423,650	44.5	100.0	100.0
<b>Crops with acreage reports.....</b>	<b>1,114,903</b>	<b>1,212,772</b>	<b>-97,869</b>	<b>-8.1</b>	<b>61.8</b>	<b>61.3</b>	<b>37,003,915</b>	<b>24,615,856</b>	<b>12,388,059</b>	<b>50.3</b>	<b>91.7</b>	<b>88.2</b>
Cereals.....	503,651	588,853	-85,202	-14.5	27.9	29.8	9,797,037	6,938,090	2,859,247	41.2	24.3	24.9
Other grains and seeds.....	495	246	249	101.2	( <sup>2</sup> )	( <sup>2</sup> )	7,892	6,704	1,128	16.7	( <sup>2</sup> )	( <sup>2</sup> )
Hay and forage.....	401,315	444,610	-43,295	-9.7	22.3	22.5	7,627,402	5,544,970	2,082,432	37.6	18.9	19.9
Sugar crops.....	36	7	29	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2,662	163	2,499	1,533.1	( <sup>2</sup> )	( <sup>2</sup> )
Sundry minor crops.....	12	48	-36	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	907	408	499	122.3	( <sup>2</sup> )	( <sup>2</sup> )
Potatoes and sweet potatoes and yams.....	95,495	73,484	22,011	30.0	5.3	3.7	6,506,974	3,405,466	3,101,508	91.1	16.1	12.2
Other vegetables.....	86,227	77,779	8,448	10.9	4.8	3.9	7,566,493	5,020,130	2,546,363	50.7	18.8	18.0
Flowers and plants and nursery products.....	3,603	2,395	1,208	50.4	0.2	0.1	3,539,523	2,293,216	1,246,307	54.3	8.8	8.2
Small fruits.....	24,069	25,350	-1,281	-5.1	1.3	1.3	1,954,125	1,406,049	548,076	39.0	4.8	5.0
<b>Crops with no acreage reports.....</b>							<b>3,336,576</b>	<b>3,300,985</b>	<b>35,591</b>	<b>1.1</b>	<b>8.3</b>	<b>11.8</b>
Seeds.....							68,099	45,985	22,113	48.1	0.2	0.2
Fruits and nuts.....							2,115,321	2,097,399	-582,078	-21.6	5.2	9.7
Maple sugar and sirup.....							1,037		1,037		( <sup>2</sup> )	
Forest products of farms.....							758,515	409,055	289,460	61.7	1.9	1.7
Miscellaneous.....							393,604	88,545	305,059	344.5	1.0	0.3

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Less than one-tenth of 1 per cent.

<sup>3</sup> Per cent not calculated when base is less than 100.

<sup>4</sup> Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$40,340,000. Of this amount, 91.7 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 1,114,903, representing 61.8 per cent of the total improved land in farms (1,803,336 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of New Jersey agriculture is indicated by the fact that more than one-third (34.9 per cent) of the total value of crops in 1909 was contributed by potatoes and other vegetables, while

about one-fourth (24.3 per cent) was contributed by the cereals, and less than one-fifth (18.9 per cent) by hay and forage. The remainder, representing in value about 22 per cent of the total, consisted mostly of flowers and plants, nursery products, orchard fruits and nuts, and small fruits.

The total value of crops in 1909 was 44.5 per cent greater than that in 1899, this increase being due in large measure to higher prices. There was a decrease of 8.1 per cent in the total acreage of crops for which acreage was reported, the greatest absolute decreases being those for cereals and for hay and forage, while the acreage of potatoes and of other vegetables showed an increase.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The next table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, and sundry minor crops.

CROP.	Farms reporting.	Acres harvested	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total.....</b>		<b>503,651</b>	<b>14,035,521</b>	Bu.	<b>\$9,797,937</b>
Corn.....	25,392	265,441	10,000,731	Bu.	6,604,162
Oats.....	8,213	72,130	1,376,752	Bu.	712,609
Wheat, total.....	8,401	83,637	1,489,233	Bu.	1,568,880
Common winter.....	8,388	83,584	1,488,242	Bu.	1,567,892
Common spring.....	13	53	991	Bu.	988
Emmer and spelt.....	6	28	468	Bu.	253
Barley.....	27	152	3,082	Bu.	1,967
Buckwheat.....	2,850	13,155	212,548	Bu.	141,997
Rye.....	7,462	69,032	951,271	Bu.	707,250
Kafir corn and milo maize..	14	76	1,436	Bu.	819
<b>Other grains and seeds with acreage report, total<sup>1</sup></b>		<b>495</b>	<b>3,844</b>	Bu.	<b>7,892</b>
Dry edible beans.....	291	403	2,941	Bu.	6,150
Dry peas.....	43	91	883	Bu.	1,711
<b>Seeds with no acreage report, total<sup>2</sup></b>					<b>68,099</b>
Timothy seed.....	62	(3)	11,397	Bu.	10,692
Clover seed.....	63	(3)	412	Bu.	3,086
Other tame grass seed.....	3	(3)	940	Bu.	898
Flower and garden seeds.....	42	(4)			53,300
<b>Hay and forage, total.....</b>	<b>23,837</b>	<b>401,315</b>	<b>569,442</b>	Tons.	<b>7,627,402</b>
Timothy alone.....	9,730	117,008	146,700	Tons.	2,419,402
Timothy and clover mixed.....	15,246	183,752	236,490	Tons.	3,678,585
Clover alone.....	1,110	6,893	9,475	Tons.	140,308
Alfalfa.....	349	1,386	3,251	Tons.	53,601
Millet or Hungarian grass.....	369	1,481	1,921	Tons.	23,465
Other tame or cultivated grasses.....	2,423	31,169	36,226	Tons.	421,745
Wild, salt, or prairie grasses.....	1,772	33,146	47,742	Tons.	285,233
Grains cut green.....	1,871	16,491	29,533	Tons.	355,350
Coarse forage.....	1,318	9,868	56,828	Tons.	242,175
Root forage.....	86	121	1,276	Tons.	7,538
Potatoes.....	22,723	72,991	8,057,424	Bu.	4,979,900
Sweet potatoes and yams.....	7,666	22,504	3,186,499	Bu.	1,527,074
Sundry minor crops, total <sup>4</sup> .....		12			907
Broom corn.....	10	11	0,760	Lbs.	658

<sup>1</sup> Includes small amounts of flaxseed and peanuts.  
<sup>2</sup> Includes small amount of millet seed.  
<sup>3</sup> The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage, flowers and plants, etc.  
<sup>4</sup> Includes small amounts of tobacco, hops, and ginseng.

The leading crops covered by the table, in the order of their importance as judged by value, are hay and forage, \$7,627,000; corn, \$6,664,000; potatoes, \$4,980,000; wheat, \$1,569,000; and sweet potatoes and yams, \$1,527,000. It should be noted, however, that several crops, statistics for which are reported in other tables, are more important than some of the crops just mentioned.

The most important crop of the state is hay and forage, the acreage of which is more than 50 per cent above and the value almost 15 per cent above the acreage and value of corn, the second crop in rank. Potatoes, with an acreage little more than one-sixth as great as that of hay and forage, have a value nearly two-thirds as great. Wheat is about one-fifth as important as hay and forage in both acreage and value. Sweet potatoes and yams, with an acreage little more than one-twentieth that of hay and forage, show a value more than one-fifth as great.

Of the different hay and forage crops "timothy and clover mixed" leads in both acreage and value. "Timothy alone" ranks second, with an acreage and value about two-thirds as great. These two classes represent three-fourths of the acreage and about four-fifths of the value of all hay and forage. In acreage and value hay and forage is nearly four-fifths as great as the combined cereals.

The fluctuations in the acreages of some of the principal crops during the past 30 years are shown in the following table:

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Rye.	Hay and forage.	Potatoes.
1909.....	265,441	72,130	83,637	69,032	401,315	72,991
1899.....	295,258	75,959	132,571	68,967	444,610	52,896
1889.....	267,648	121,327	121,570	77,245	458,267	46,711
1879.....	344,555	137,422	149,760	106,025	412,757	41,609

During the decade from 1879 to 1889 the acreage of corn decreased over one-fifth. During the next decade there was a partial recovery of this loss, but the falling off in the last decade makes the acreage reported for 1909 the lowest for any census. The acreage of oats has decreased throughout the 30 years, that in 1909 being only about half that reported in 1879. The acreage of wheat also decreased from 1879 to 1889; there was, however, a gain from 1889 to 1899. The loss of 36.9 per cent during the last decade leaves an acreage in 1909 little more than half as great as in 1879. The acreage of rye for 1909 is 34.9 per cent below that of 1879. The acreage of hay and forage has not varied greatly; it increased between 1879 and 1889, but since that time there has been a decrease in each decade, resulting in a smaller acreage in 1909 than at any other census during the period. The acreage of potatoes has increased throughout the period, a gain of 38 per cent being recorded for the decade just ended.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres: 1899 to 1909 <sup>1</sup>	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
Corn.....	75.8	79.0	14.7	14.9	-10.1	37.7 Bu.	\$25.11
Oats.....	24.5	25.6	4.0	3.8	-5.0	19.1 Bu.	9.88
Wheat.....	25.1	35.3	4.6	6.7	-36.9	17.8 Bu.	18.76
Buckwheat.....	8.5	10.3	0.7	0.8	-16.5	16.2 Bu.	10.79
Rye.....	22.3	26.8	3.8	3.5	0.1	13.8 Bu.	10.25
Hay and forage.....	71.2	79.8	22.3	22.5	-9.7	1.42 Tons.	19.01
Potatoes.....	67.9	73.0	4.0	2.7	38.0	110.4 Bu.	68.23
Sweet potatoes and yams.....	22.9	23.0	1.2	1.0	9.3	141.6 Bu.	67.86

<sup>1</sup> A minus sign (-) denotes decrease.

Out of every 100 farms, 76 report corn, 71 report hay and forage, 68 potatoes, 25 wheat, 25 oats, 23 sweet potatoes and yams, and 22 rye. These percentages are smaller in every case than are recorded for 1899. The eight crops included in the above table cover about 56 per cent of the improved land of the state.

The average value per acre of the combined cereals is \$19.45. Corn alone is reported at a value above this average, the other cereals below it. The value of hay and forage is reported at \$19 per acre and that of potatoes and sweet potatoes and yams at about three and a half times this amount. Corn, although reported from every county, has its greatest acreages in the western part of the state. The decrease in acreage during the past decade was shared by all counties except Atlantic and Cumberland. Over six-sevenths of the acreage of oats is reported from five counties in the northwestern part of the state, and over half of the acreage of wheat is reported from Hunterdon, Warren, and Somerset Counties. Hay and forage, like corn, has its greatest acreage in the western part of the state, Sussex and Hunterdon Counties alone reporting over one-fifth of the total.

**Vegetables, flowers and plants, and nursery products: 1909 and 1899.**—The table which follows shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear elsewhere), and also with regard to flowers and plants and nursery products:

CROP.	FARMS REPORTING: 1909		ACRES.		VALUE OF PRODUCTS.	
	Num-ber.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	1 27,217	81.3	86,227	77,779	\$7,566,493	\$5,020,130
Farms reporting a product of \$500 or over.....	3,857	11.5	52,492	.....	5,186,909	.....
All other farms.....	23,360	69.8	33,735	.....	2,379,524	.....
Flowers and plants, total.....	637	1.9	1,436	613	2,857,709	1,953,290
Farms reporting a product of \$250 or over.....	520	1.6	.....	.....	2,839,319	.....
All other farms.....	107	0.3	.....	.....	18,390	.....
Nursery products, total.....	105	0.3	2,167	1,782	681,814	339,926
Farms reporting a product of \$250 or over.....	67	0.2	.....	.....	675,331	.....
All other farms.....	38	0.1	.....	.....	6,483	.....

<sup>1</sup> Does not include 2,160 farms which reported that they had vegetable gardens but gave no information as to their products.

In 1909 the total acreage of potatoes and other vegetables was 181,722 and their value \$14,073,467. Excluding (so far as reported separately<sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 86,227 and their value \$7,566,000, both acreage and value being materially greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are

<sup>1</sup> It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

raised mainly for home consumption. There were in 1909, 3,857 farms in the first class, representing about five-eighths of the total acreage of vegetables and over two-thirds of the total value, the average acreage of vegetables per farm for these farms being 13.6 and the average value of products per acre \$98.81.

The raising of flowers and plants and of nursery products is also relatively important in New Jersey, 3,603 acres being devoted to them in 1909, and the output being valued at \$3,539,523. Most of the product was raised on a few farms, where these branches of agriculture were carried on as an important business.

**Small fruits: 1909 and 1899.**—The following table shows data with regard to small fruits on farms:

CROP.	Number of farms reporting: 1909	ACRES.		Quantity (quarts): 1909	Value: 1909
		1909	1899		
Small fruits, total.....	.....	24,069	25,350	38,822,987	\$1,954,125
Strawberries.....	6,086	8,684	8,746	18,707,473	929,108
Blackberries and dewberries.....	2,153	4,332	5,254	5,456,789	313,480
Raspberries and loganberries.....	1,450	1,744	2,240	2,143,877	178,579
Currants.....	377	124	158	161,223	12,701
Gooseberries.....	348	155	102	221,337	16,171
Cranberries.....	414	9,030	8,356	12,072,288	504,026
Other berries.....	.....	.....	494	.....	.....

Strawberries are by far the most important of the small fruits grown in New Jersey, with cranberries ranking next. The total acreage of small fruits in 1909 was 24,069, and in 1899, 25,350, a decrease of 5.1 per cent. The production in 1909 was 38,823,000 quarts, as compared with 28,339,000 quarts in 1899, and the value \$1,954,000, as compared with \$1,406,000.

**Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.**—The following table presents data with regard to orchard fruits, grapes, nuts, and tropical fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

The total quantity of orchard fruits produced in 1909 was 2,372,000 bushels, valued at \$1,975,000. Apples contributed nearly three-fifths of this quantity, peaches and nectarines and pears most of the remainder. The production of grapes amounted to 6,501,000 pounds, valued at \$133,000, while the production of nuts and of tropical fruits was relatively unimportant.

The production of all orchard fruits together in 1909 was 61.5 per cent less in quantity than that in 1899,



while the production of grapes increased. The value of orchard fruits declined from \$2,595,000 in 1899 to \$1,975,000 in 1909, while that of grapes increased from \$81,758 in 1899 to \$132,957 in 1909.

It should be noted in this connection that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCT.		
	Farms re- port- ing.	Num- ber.	Farms re- port- ing.	Num- ber.	1909		1899
					Quan- tity. <sup>1</sup>	Value.	
<b>Orchard fruits, total</b> .....	3,165,749	2,190,236	2,372,358	\$1,975,044	6,168,480		
Apples.....	21,127	1,053,626	5,851	519,749	1,406,778	956,108	4,640,896
Peaches and nectarines.....	5,783	1,216,476	5,493	1,363,632	441,440	652,771	620,928
Pears.....	11,078	731,616	3,439	238,401	463,290	254,582	790,818
Plums and prunes.....	4,052	46,547	1,714	23,071	9,594	13,476	24,685
Cherries.....	8,101	102,124	1,928	36,743	44,636	87,225	82,005
Apricots.....	214	582	125	504	178	299	201
Quinces.....	2,731	14,777	876	8,134	6,442	10,583	( <sup>2</sup> )
Mulberries.....	1	1	1	2			( <sup>2</sup> )
Unclassified.....							\$8,947
<b>Grapes</b> .....	5,368	1,603,280	1,295	558,945	6,501,221	132,957	4,235,000
<b>Nuts, total</b> .....	422,764	43,557	4249,626	47,116	947,950		
Black walnuts.....	1,072	4,168	139	804	151,828	2,766	( <sup>2</sup> )
Chestnuts.....	206	14,752	42	1,094	25,987	1,413	( <sup>2</sup> )
Hickory nuts.....	353	3,066	13	102	62,243	2,468	( <sup>2</sup> )
Unclassified.....							\$947,950
<b>Tropical fruits, total</b> <sup>6</sup> .....	77	19		204			
Figs.....	11	75	3	19	939	202	

<sup>1</sup> Expressed in bushels for orchard fruits and pounds for grapes, nuts, and figs.  
<sup>2</sup> Included with "unclassified."  
<sup>3</sup> Consists of products not separately named by the enumerator, but grouped under the designation "all other."  
<sup>4</sup> Includes Persian or English walnuts, almonds, pecans, Japanese walnuts, beechnuts, Japanese chestnuts, filberts, butternuts, hazelnuts, and other nuts.  
<sup>5</sup> Includes small amount of Japanese persimmons.

The following table shows the quantities of the more advanced products manufactured by farmers from orchard fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING: 1909		QUANTITY PRODUCED.		
	Num- ber.	Per cent of all farms.	Unit.	1909	1899
Cider.....	2,618	7.8	Gals....	288,587	917,973
Vinegar.....	693	2.1	Gals....	48,665	197,694
Wine and grape juice.....	1,072	3.2	Gals....	233,880	123,454
Dried fruits.....	68	0.2	Lbs....	6,323	14,860

**Sugar crops: 1909 and 1899.**—The table below shows data with regard to maple trees and their products, and also for sugar beets and sorghum cane, none of which are important in this state.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Num- ber.	Per cent of all farms.		Amount.	Unit.	Value.
<b>Maple sugar and sirup:</b>						
Total, 1909.....	81	0.2	1,275			\$1,037
Sugar made.....	32	0.1		1,195	Lbs.	284
Sirup made.....	75	0.2		504	Gals.	753
Sugar beets, 1909 <sup>2</sup> .....	28	0.1	36	529	Tons.	2,615
<b>Sorghum cane:</b>						
Total, 1909.....						47
Cane grown <sup>3</sup> .....	3	( <sup>4</sup> )	( <sup>5</sup> )	5	Tons.	
Sirup made.....	2	( <sup>4</sup> )		35	Gals.	27
Total, 1899.....						163
Cane grown.....	3	( <sup>4</sup> )	7	52	Tons.	
Cane sold as such.....				1	Ton.	3
Sirup made.....				450	Gals.	160

<sup>1</sup> Number of trees.  
<sup>2</sup> Used as root forage.  
<sup>3</sup> Includes cane used as coarse forage.  
<sup>4</sup> Less than one-tenth of 1 per cent.  
<sup>5</sup> Less than 1 acre.

**Forest products: 1909 and 1899.**—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910," and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 10,799 farms in New Jersey (32.2 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$758,515, as compared with \$469,055 in 1899, an increase of 61.7 per cent. Of the value in 1909, \$417,980 was reported as that of products used or to be used on the farms themselves, \$235,407 as that of products sold or for sale, and \$105,128 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

**Miscellaneous crops: 1909.**—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 2,476 farmers in New Jersey sold, during 1909, 27,496 tons of straw, for which they received \$367,015, and that 853 farmers sold 4,964 tons of cornstalks and leaves, for which they received \$26,589.

## SELECTED FARM EXPENSES AND RECEIPTS.

**Farm expenses: 1909 and 1899.**—The following table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899:

EXPENSE.	1909		Amount.	1899	INCREASE.	
	Farms reporting.				Amount.	Amount.
	Number.	Per cent of all farms.				
Labor.....	23,448	70.0	\$11,097,727	\$6,720,030	\$4,377,697	65.1
Feed.....	23,014	68.7	5,947,181	( <sup>1</sup> )	.....	.....
Fertilizer.....	23,685	70.7	4,277,604	2,165,320	2,112,284	97.5

<sup>1</sup> Not reported at the census of 1900.

Seven-tenths of the farmers in New Jersey hire labor, and the average amount spent by those hiring is \$473. The total amount expended, 22.2 per cent of which was in the form of rent and board, is about one and two-thirds times as great as that reported in 1900. During the decade 1899 to 1909 the total expenditure for labor increased \$4,378,000, or 65.1 per cent. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

Of all New Jersey farmers, 68.7 per cent report some

expenditures for feed, and 70.7 per cent report the purchase of fertilizer. The total amount reported as paid for fertilizer is almost double that reported for 1899, the average per farm reporting being \$181.

**Receipts from sale of feedable crops: 1909.**—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as of the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
<b>Total.....</b>					<b>\$2,076,981</b>
Corn.....	4,458	13.3	1,062,071	Bu.....	732,398
Oats.....	1,310	3.9	146,168	Bu.....	77,318
Barley.....	8	( <sup>1</sup> )	995	Bu.....	729
Hay and coarse forage.....	5,178	15.5	82,891	Tons...	1,266,536

<sup>1</sup> Less than one-tenth of 1 per cent.

While the total amount expended by New Jersey farms for the purchase of feed in 1909 was \$5,947,000, the total receipts from sales of feed by those reporting sales only amounted to \$2,077,000.

## COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, land and farm area, value of farm property, and number, and value of domestic animals and of poultry and bees, as of April 15, 1910. Comparative data for June 1, 1900, are given in italics for certain items.

Table 2 gives the number of farms, the farm acreage, and the value of farm property operated by owners, tenants, and managers, collected as of April 15, 1910. Statistics of farm mortgages are included in this table. (See explanation in text.) Comparative data for June 1, 1900, are given in italics for certain items.

Table 3 gives statistics pertaining to the products

of live stock on farms (dairy products, poultry and eggs, honey and wax, and wool and mohair); also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 4 shows the total value of farm crops and the principal classes thereof, together with the acreage (or trees of bearing age) and production of the principal crops for the year 1909.

Table 5 gives statistics relating to selected farm expenses for 1909 and also shows the receipts from the sale of feedable crops.

Table 6 shows the number and value of domestic animals in barns and inclosures not on farms, by classes, together with the number of dairy cows and mature horses and mules, on April 15, 1910.

# STATISTICS OF AGRICULTURE.

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TABLE 1.—FARMS AND FARM PROPERTY, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Atlantic.	Bergen.	Burlington.	Camden.	Cape May.
1 <b>Population</b> .....						
2 <i>Population in 1900</i> .....	2,537,167	71,894	138,002	66,565	142,029	19,745
3	<i>1,883,669</i>	<i>46,403</i>	<i>78,441</i>	<i>58,241</i>	<i>107,643</i>	<i>13,201</i>
4 <b>Number of all farms</b> .....	33,487	1,572	1,221	2,389	1,244	632
5 <i>Number of all farms in 1900</i> .....	<i>34,650</i>	<i>1,295</i>	<i>1,716</i>	<i>2,549</i>	<i>1,153</i>	<i>601</i>
6 <b>Color and nativity of farmers:</b>						
7 Native white.....	26,796	735	795	2,142	889	543
8 Foreign-born white.....	6,215	822	422	203	335	77
9 Negro and other nonwhite.....	476	15	4	44	20	12
10 <b>Number of farms, classified by size:</b>						
11 Under 3 acres.....	541	27	40	25	20	5
12 3 to 9 acres.....	3,256	244	228	153	150	86
13 10 to 19 acres.....	4,276	398	228	231	248	131
14 20 to 49 acres.....	7,607	556	411	421	366	178
15 50 to 99 acres.....	8,194	218	230	606	267	107
16 100 to 174 acres.....	7,207	89	56	688	146	73
17 175 to 259 acres.....	1,659	20	16	160	33	32
18 260 to 499 acres.....	576	7	7	76	11	16
19 500 to 999 acres.....	112	0	2	12	3	2
20 1,000 acres and over.....	59	7	3	17	.....	2
<b>LAND AND FARM AREA</b>						
21 <b>Approximate land area</b> .....						
22 Land in farms.....	4,808,960	364,160	151,680	521,600	142,080	169,600
23 <i>Land in farms in 1900</i> .....	<i>2,573,857</i>	<i>72,957</i>	<i>52,726</i>	<i>287,816</i>	<i>64,933</i>	<i>42,106</i>
24 Improved land in farms.....	2,840,966	64,419	75,760	343,096	76,555	54,366
25 <i>Improved land in farms in 1900</i> .....	<i>1,803,336</i>	<i>34,035</i>	<i>32,083</i>	<i>175,231</i>	<i>50,187</i>	<i>18,388</i>
26 Woodland in farms.....	1,977,042	32,664	46,776	190,871	55,370	24,887
27 Other unimproved land in farms.....	538,131	30,903	13,941	91,723	8,066	10,995
28	232,390	8,019	6,702	20,862	6,650	12,723
29 Per cent of land area in farms.....	53.5	20.0	34.8	55.2	45.7	24.8
30 Per cent of farm land improved.....	70.1	46.7	60.8	60.9	77.3	43.7
31 Average acres per farm.....	76.9	46.4	43.2	120.5	52.2	66.6
32 Average improved acres per farm.....	53.9	21.6	26.3	73.3	40.3	29.1
<b>VALUE OF FARM PROPERTY</b>						
33 <b>All farm property</b> .....						
34 <i>All farm property in 1900</i> .....	<i>254,832,665</i>	<i>5,688,627</i>	<i>15,834,378</i>	<i>18,946,545</i>	<i>8,484,263</i>	<i>2,190,117</i>
35 Per cent increase, 1900-1910.....	84.0	10.8	10.8	25.6	21.6	29.5
36 <b>Land</b> .....						
37 <i>Land in 1900</i> .....	<i>124,143,167</i>	<i>2,987,253</i>	<i>9,502,100</i>	<i>8,419,967</i>	<i>4,869,325</i>	<i>953,710</i>
38 Buildings.....	93,360,930	1,611,660	8,245,180	6,474,010	5,873,320	734,450
39 <i>Buildings in 1900</i> .....	<i>92,991,352</i>	<i>2,100,437</i>	<i>5,119,050</i>	<i>6,857,544</i>	<i>2,566,990</i>	<i>875,030</i>
40 Implements and machinery.....	69,230,080	1,124,220	4,838,900	5,845,790	2,268,700	631,520
41 <i>Implements, etc., in 1900</i> .....	<i>13,109,507</i>	<i>257,530</i>	<i>558,785</i>	<i>1,269,527</i>	<i>416,270</i>	<i>118,961</i>
42 Domestic animals, poultry, and bees.....	9,330,030	144,270	524,330	899,120	532,920	93,300
43 <i>Domestic animals, etc., in 1900</i> .....	<i>24,583,639</i>	<i>343,387</i>	<i>654,443</i>	<i>2,399,507</i>	<i>631,678</i>	<i>242,416</i>
44 Per cent of value of all property in—						
45 Land.....	48.7	52.5	60.0	44.4	57.4	43.5
46 Buildings.....	36.5	36.9	32.3	36.2	30.3	40.0
47 Implements and machinery.....	5.1	4.5	3.5	6.7	4.9	5.4
48 Domestic animals, poultry, and bees.....	9.6	6.0	4.1	12.7	7.4	11.1
49 <b>Average values:</b>						
50 All property per farm.....	7,610	3,619	12,968	7,931	6,820	3,465
51 Land and buildings per farm.....	6,484	3,236	11,975	6,395	5,978	2,894
52 Land per acre.....	48.23	40.95	180.22	29.25	74.99	22.65
53 <i>Land per acre in 1900</i> .....	<i>32.86</i>	<i>25.02</i>	<i>108.81</i>	<i>18.87</i>	<i>50.61</i>	<i>14.43</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>						
54 <b>Farms reporting domestic animals</b> .....	30,941	1,269	1,068	2,237	1,060	586
55 <b>Value of domestic animals</b> .....	22,325,469	255,277	558,135	2,202,290	577,059	204,713
56 <b>Cattle:</b>						
57 Total number.....	222,999	1,377	3,463	24,019	4,076	1,938
58 Dairy cows.....	154,418	1,012	2,445	16,069	2,908	1,337
59 Other cows.....	14,896	77	185	1,487	179	111
60 Yearling heifers.....	17,625	111	371	1,748	333	180
61 Calves.....	27,934	119	278	3,777	511	277
62 Yearling steers and bulls.....	3,904	37	65	296	95	68
63 Other steers and bulls.....	4,222	21	119	642	50	15
64 Value.....	8,393,117	48,677	158,125	833,179	142,748	71,132
65 <b>Horses:</b>						
66 Total number.....	88,922	1,570	2,354	7,547	2,542	1,006
67 Mature horses.....	86,032	1,566	2,324	7,402	2,514	994
68 Yearling colts.....	2,207	4	23	117	20	6
69 Spring colts.....	683	.....	7	28	8	6
70 Value.....	12,012,512	177,330	375,350	1,048,025	355,476	117,322
71 <b>Mules:</b>						
72 Total number.....	4,041	63	22	1,108	281	38
73 Mature mules.....	3,960	63	21	1,100	278	38
74 Yearling colts.....	61	.....	1	7	3	.....
75 Spring colts.....	20	.....	.....	.....	.....	.....
76 Value.....	621,774	8,455	3,145	211,410	52,308	5,245
77 <b>Asses and burros:</b>						
78 Number.....	53	2	.....	1	1	2
79 Value.....	5,274	70	.....	15	15	30
80 <b>Swine:</b>						
81 Total number.....	147,005	2,200	2,497	11,923	3,870	1,451
82 Mature hogs.....	86,699	1,537	1,504	7,528	2,559	1,015
83 Spring pigs.....	60,306	663	993	4,395	1,311	436
84 Value.....	1,127,040	20,308	19,903	101,461	26,116	10,962
85 <b>Sheep:</b>						
86 Total number.....	30,683	4	346	1,695	69	3
87 Rams, ewes, and wethers.....	16,795	4	216	1,011	35	2
88 Spring lambs.....	13,888	.....	130	684	34	1
89 Value.....	161,138	55	1,262	8,000	376	22
90 <b>Goats:</b>						
91 Number.....	574	60	24	22	4	.....
92 Value.....	4,614	382	350	110	20	.....
<b>POULTRY AND BEES</b>						
93 <b>Number of poultry of all kinds</b> .....	2,597,448	101,373	101,818	189,582	62,883	46,109
94 <b>Value</b> .....	2,221,610	86,943	94,495	194,683	53,709	36,894
95 <b>Number of colonies of bees</b> .....	10,484	301	276	715	230	253
96 <b>Value</b> .....	41,560	1,167	1,813	2,534	910	809

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Cumberland	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth
1 Population.....	55,153	512,866	37,368	537,231	33,569	125,657	114,426	94,734
2 <i>Population in 1900.....</i>	<i>51,193</i>	<i>559,063</i>	<i>31,905</i>	<i>386,048</i>	<i>34,507</i>	<i>95,365</i>	<i>79,762</i>	<i>82,057</i>
3 Number of all farms.....	2,724	633	2,252	215	2,907	1,573	1,542	2,041
4 <i>Number of all farms in 1900.....</i>	<i>2,223</i>	<i>1,003</i>	<i>2,225</i>	<i>358</i>	<i>2,930</i>	<i>1,573</i>	<i>1,760</i>	<i>2,772</i>
5 Color and nativity of farmers:								
6 Native white.....	1,923	440	1,807	113	2,681	1,335	1,116	2,503
7 Foreign-born white.....	705	192	401	102	221	220	415	384
8 Negro and other nonwhite.....	96	1	44	.....	5	18	11	54
9 Number of farms, classified by size:								
10 Under 3 acres.....	38	66	15	112	9	19	15	26
11 3 to 9 acres.....	306	116	155	63	189	115	112	301
12 10 to 19 acres.....	519	138	281	23	195	158	165	390
13 20 to 49 acres.....	856	162	642	10	434	263	415	777
14 50 to 99 acres.....	588	106	709	5	990	486	444	680
15 100 to 174 acres.....	291	34	380	2	925	444	307	565
16 175 to 259 acres.....	67	5	49	.....	140	68	63	159
17 260 to 499 acres.....	42	3	18	.....	23	18	17	35
18 500 to 999 acres.....	11	3	3	.....	2	2	4	7
19 1,000 acres and over.....	6	.....	.....	.....	.....	.....	.....	1
LAND AND FARM AREA								
20 Approximate land area..... acres.....	320,000	81,280	212,480	27,520	279,680	144,640	199,080	306,560
21 Land in farms..... acres.....	153,553	22,733	139,687	1,595	244,085	123,570	107,874	206,850
22 <i>Land in farms in 1900.....</i>	<i>143,924</i>	<i>21,169</i>	<i>148,560</i>	<i>2,820</i>	<i>248,793</i>	<i>132,726</i>	<i>129,317</i>	<i>197,481</i>
23 Improved land in farms..... acres.....	96,829	13,130	106,812	935	203,862	103,761	82,778	150,583
24 <i>Improved land in farms in 1900.....</i>	<i>101,830</i>	<i>18,975</i>	<i>117,554</i>	<i>1,928</i>	<i>208,986</i>	<i>108,747</i>	<i>96,782</i>	<i>155,710</i>
25 Woodland in farms..... acres.....	37,554	5,983	22,726	135	28,224	12,658	18,147	40,857
26 Other unimproved land in farms..... acres.....	24,170	3,670	10,149	525	11,999	7,151	7,049	9,416
27 Per cent of land area in farms.....	49.5	28.0	65.7	5.8	87.3	85.4	54.0	67.5
28 Per cent of farm land improved.....	61.1	57.6	76.5	58.6	83.5	84.0	76.6	75.7
29 Average acres per farm.....	58.2	36.0	62.0	7.4	84.0	78.6	70.0	70.3
30 Average improved acres per farm.....	35.5	20.7	47.4	4.3	70.1	66.0	53.6	53.2
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	11,443,596	8,953,504	12,202,362	3,842,026	15,133,161	15,349,204	13,399,662	28,945,120
32 <i>All farm property in 1900.....</i>	<i>7,780,044</i>	<i>10,448,674</i>	<i>9,345,866</i>	<i>4,151,233</i>	<i>11,729,412</i>	<i>8,786,647</i>	<i>9,412,799</i>	<i>16,911,248</i>
33 Per cent increase, 1900-1910.....	46.9	14.3	30.6	17.4	29.0	56.8	42.4	71.2
34 Land..... dollars.....	5,481,234	5,806,545	5,661,465	2,364,775	5,167,122	7,087,145	6,786,065	14,803,850
35 <i>Land in 1900.....</i>	<i>3,864,940</i>	<i>6,978,680</i>	<i>4,429,080</i>	<i>2,001,700</i>	<i>4,318,850</i>	<i>4,618,210</i>	<i>4,681,230</i>	<i>8,508,500</i>
36 Buildings..... dollars.....	4,132,581	2,344,184	4,302,560	1,029,400	6,212,903	5,922,795	4,902,615	10,530,345
37 <i>Buildings in 1900.....</i>	<i>2,788,320</i>	<i>2,678,480</i>	<i>3,449,580</i>	<i>916,500</i>	<i>4,908,570</i>	<i>3,641,700</i>	<i>3,619,430</i>	<i>6,101,810</i>
38 Implements and machinery..... dollars.....	622,521	307,807	857,413	175,800	1,160,454	885,556	709,929	1,376,750
39 <i>Implements, etc., in 1900.....</i>	<i>381,380</i>	<i>228,150</i>	<i>665,300</i>	<i>175,550</i>	<i>757,990</i>	<i>682,070</i>	<i>511,910</i>	<i>1,851,050</i>
40 Domestic animals, poultry, and bees..... dollars.....	1,207,260	494,968	1,380,944	272,051	2,592,682	1,453,708	1,010,053	2,234,175
41 <i>Domestic animals, etc., in 1900.....</i>	<i>745,304</i>	<i>501,304</i>	<i>901,568</i>	<i>158,783</i>	<i>1,749,002</i>	<i>1,044,667</i>	<i>750,229</i>	<i>1,449,793</i>
42 Per cent of value of all property in—								
43 Land.....	47.9	64.9	46.4	61.5	34.1	46.2	50.6	51.1
44 Buildings.....	36.1	26.2	35.3	26.8	41.1	38.6	38.6	36.4
45 Implements and machinery.....	5.4	3.4	7.0	4.6	7.7	5.8	5.2	4.8
46 Domestic animals, poultry, and bees.....	10.5	5.5	11.3	7.1	17.1	9.5	7.5	7.7
47 Average values:								
48 All property per farm..... dollars.....	4,201	14,145	5,418	17,870	5,206	9,758	8,690	9,842
49 Land and buildings per farm..... dollars.....	3,529	12,876	4,425	15,737	3,915	8,271	7,580	8,614
50 Land per acre..... dollars.....	34.57	254.86	40.53	1,482.02	21.17	57.35	62.91	71.57
51 <i>Land per acre in 1900.....</i>	<i>26.84</i>	<i>223.90</i>	<i>29.81</i>	<i>1,028.97</i>	<i>17.54</i>	<i>34.04</i>	<i>35.81</i>	<i>43.09</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	2,374	544	2,132	131	2,778	1,501	1,490	2,788
53 Value of domestic animals..... dollars.....	1,053,000	460,480	1,254,257	259,172	2,324,222	1,315,606	914,066	2,054,416
54 Cattle:								
55 Total number.....	10,059	5,112	8,253	689	24,841	12,367	7,075	14,435
56 Dairy cows.....	7,084	4,253	5,817	450	17,214	8,616	5,109	9,256
57 Other cows.....	636	86	419	73	2,003	644	406	706
58 Yearling heifers.....	878	261	462	10	1,700	1,040	480	1,088
59 Calves.....	976	411	1,306	26	3,275	1,581	954	2,800
60 Yearling steers and bulls.....	218	67	115	.....	373	230	73	268
61 Other steers and bulls.....	257	34	134	.....	276	256	53	257
62 Value..... dollars.....	357,786	240,604	317,072	130	905,225	463,373	285,580	527,757
63 Horses:								
64 Total number.....	5,200	1,484	5,926	362	8,961	5,359	4,310	8,804
65 Mature horses.....	5,072	1,467	5,846	360	8,471	5,207	4,232	8,579
66 Yearling colts.....	79	15	72	2	400	118	58	205
67 Spring colts.....	49	2	8	.....	90	34	20	80
68 Value..... dollars.....	614,414	202,650	815,455	80,372	1,196,409	751,150	563,712	1,357,042
69 Mules:								
70 Total number.....	224	28	313	.....	152	289	205	414
71 Mature mules.....	219	28	310	.....	141	280	198	408
72 Yearling colts.....	5	.....	3	.....	7	7	5	1
73 Spring colts.....	.....	.....	.....	.....	4	2	2	5
74 Value..... dollars.....	31,260	3,506	48,225	.....	18,766	36,961	23,780	56,152
75 Asses and burros:								
76 Number.....	10	.....	9	.....	4	4	3	5
77 Value..... dollars.....	220	.....	63	.....	600	150	700	600
78 Swine:								
79 Total number.....	5,437	1,388	8,694	22,411	20,539	6,817	4,813	14,132
80 Mature hogs.....	3,307	804	6,311	13,361	11,400	3,898	2,532	7,049
81 Spring pigs.....	2,130	584	2,383	9,050	9,139	2,919	2,281	6,183
82 Value..... dollars.....	47,570	13,721	71,360	149,138	153,498	56,904	38,297	103,440
83 Sheep:								
84 Total number.....	301	.....	359	3	9,384	1,242	351	1,355
85 Rams, ewes, and wethers.....	211	.....	191	1	4,814	683	189	761
86 Spring lambs.....	90	.....	168	2	4,570	559	162	594
87 Value..... dollars.....	1,675	.....	2,002	5	49,691	6,856	1,883	8,169
88 Goats:								
89 Number.....	14	.....	22	.....	6	18	19	43
90 Value..... dollars.....	75	.....	80	.....	33	122	114	347
POULTRY AND BEES								
91 Number of poultry of all kinds.....	183,950	38,408	137,648	17,338	327,729	146,639	109,858	198,418
92 Value..... dollars.....	152,843	33,440	125,243	12,779	261,852	135,547	94,848	177,558
93 Number of colonies of bees.....	456	219	369	5	1,779	624	222	490
94 Value..... dollars.....	1,417	1,048	1,444	100	6,608	2,555	1,139	2,201

1 Decrease.

STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
1 Population.....	74,704	21,318	215,902	26,099	38,820	26,781	140,197	43,187
2 <i>Population in 1900.....</i>	<i>65,156</i>	<i>19,747</i>	<i>155,202</i>	<i>25,550</i>	<i>32,348</i>	<i>24,134</i>	<i>99,553</i>	<i>37,781</i>
3 Number of all farms.....	1,949	729	854	2,046	1,947	1,659	647	1,811
4 <i>Number of all farms in 1900.....</i>	<i>2,305</i>	<i>984</i>	<i>916</i>	<i>2,072</i>	<i>1,958</i>	<i>1,792</i>	<i>700</i>	<i>1,795</i>
5 Color and nativity of farmers:								
6 Native white.....	1,620	643	564	1,737	1,530	1,579	418	1,683
7 Foreign-born white.....	325	85	237	184	404	79	226	126
8 Negro and other nonwhite.....	4	1	3	125	13	1	3	2
9 Number of farms, classified by size:								
10 Under 3 acres.....	38	5	11	33	7	.....	25	5
11 3 to 9 acres.....	148	109	185	135	169	53	130	103
12 10 to 19 acres.....	224	142	160	157	192	64	120	112
13 20 to 49 acres.....	425	201	232	373	324	135	206	220
14 50 to 99 acres.....	474	126	151	634	577	240	117	439
15 100 to 174 acres.....	448	82	68	581	543	689	31	765
16 175 to 259 acres.....	136	19	28	103	99	326	8	128
17 260 to 499 acres.....	42	27	11	26	25	135	3	34
18 500 to 999 acres.....	9	14	4	2	7	15	1	3
19 1,000 acres and over.....	5	4	4	2	4	2	.....	2
LAND AND FARM AREA								
20 Approximate land area.....acres..	304,000	407,680	125,440	219,520	195,200	338,560	65,920	231,680
21 Land in farms.....acres..	168,019	53,648	46,304	168,096	165,966	238,311	23,405	183,937
22 <i>Land in farms in 1900.....</i>	<i>206,759</i>	<i>84,568</i>	<i>69,800</i>	<i>175,202</i>	<i>167,663</i>	<i>256,396</i>	<i>20,076</i>	<i>201,688</i>
23 Improved land in farms.....acres..	98,375	24,766	23,309	124,703	136,057	161,283	17,490	142,837
24 <i>Improved land in farms in 1900.....</i>	<i>118,212</i>	<i>40,141</i>	<i>28,721</i>	<i>155,727</i>	<i>140,456</i>	<i>178,421</i>	<i>20,433</i>	<i>154,015</i>
25 Woodland in farms.....acres..	49,292	22,021	17,122	24,494	19,121	51,223	4,414	28,496
26 Other unimproved land in farms.....acres..	20,352	6,869	5,873	19,499	10,788	25,799	1,501	12,634
27 Per cent of land area in farms.....	55.3	13.2	36.9	76.8	85.0	70.4	35.5	79.4
28 Per cent of farm land improved.....	58.6	46.2	50.3	73.9	82.0	67.7	74.7	77.6
29 Average acres per farm.....	86.2	73.6	54.2	82.5	85.2	143.6	36.2	101.6
30 Average improved acres per farm.....	50.5	34.0	27.3	60.9	69.9	97.2	27.0	78.9
VALUE OF FARM PROPERTY								
31 All farm property.....dollars..	20,587,875	3,101,639	8,167,394	12,044,186	21,704,497	10,861,800	7,999,542	9,953,147
32 <i>All farm property in 1900.....</i>	<i>15,579,582</i>	<i>3,097,502</i>	<i>5,427,208</i>	<i>9,864,663</i>	<i>12,036,790</i>	<i>8,633,230</i>	<i>6,664,532</i>	<i>8,473,597</i>
33 Per cent increase, 1900-1910.....	32.1	0.1	50.5	22.1	79.6	25.8	41.2	17.5
34 Land.....dollars..	10,216,163	1,323,218	4,059,495	5,417,418	10,190,252	4,284,353	4,799,625	3,982,087
35 <i>Land in 1900.....</i>	<i>7,477,170</i>	<i>1,501,760</i>	<i>2,976,260</i>	<i>4,636,570</i>	<i>5,108,230</i>	<i>3,661,480</i>	<i>3,179,870</i>	<i>3,636,210</i>
36 Buildings.....dollars..	8,190,365	1,329,550	3,354,825	4,100,755	8,595,855	4,093,737	2,546,500	3,877,331
37 <i>Buildings in 1900.....</i>	<i>6,485,320</i>	<i>1,189,980</i>	<i>1,908,610</i>	<i>3,509,700</i>	<i>5,073,840</i>	<i>3,172,640</i>	<i>1,904,850</i>	<i>3,273,800</i>
38 Implements and machinery.....dollars..	828,081	159,933	297,237	711,366	997,790	553,836	225,715	627,226
39 <i>Implements, etc., in 1900.....</i>	<i>631,020</i>	<i>139,380</i>	<i>180,160</i>	<i>501,780</i>	<i>644,380</i>	<i>393,010</i>	<i>266,880</i>	<i>466,570</i>
40 Domestic animals, poultry, and bees.....dollars..	1,347,266	288,938	455,837	1,814,647	1,920,600	1,949,874	427,702	1,466,503
41 <i>Domestic animals, etc., in 1900.....</i>	<i>987,558</i>	<i>266,322</i>	<i>361,678</i>	<i>1,216,613</i>	<i>1,259,840</i>	<i>1,406,100</i>	<i>312,532</i>	<i>1,046,997</i>
42 Per cent of value of all property in—								
43 Land.....	49.6	42.7	49.7	45.0	46.9	39.3	60.0	40.0
44 Buildings.....	39.8	42.9	41.1	34.0	39.6	37.7	31.8	39.0
45 Implements and machinery.....	4.0	5.2	3.6	5.9	4.6	5.1	2.8	6.3
46 Domestic animals, poultry, and bees.....	6.5	9.3	5.6	15.1	8.8	18.0	5.3	14.7
47 Average values:								
48 All property per farm.....dollars..	10,563	4,255	9,564	5,887	11,148	6,547	12,364	5,496
49 Land and buildings per farm.....dollars..	9,447	3,639	8,682	4,652	9,649	5,038	11,354	4,340
50 Land per acre.....dollars..	60.80	24.66	87.67	32.11	61.40	17.89	205.07	21.65
51 <i>Land per acre in 1900.....</i>	<i>58.16</i>	<i>17.70</i>	<i>42.64</i>	<i>26.46</i>	<i>30.47</i>	<i>14.25</i>	<i>109.36</i>	<i>13.28</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	1,827	668	767	1,967	1,806	1,620	571	1,757
53 Value of domestic animals.....dollars..	1,231,325	244,744	405,717	1,669,792	1,739,610	1,843,465	377,285	1,375,838
54 Cattle:								
55 Total number.....	13,424	2,554	4,373	18,399	13,301	33,353	3,613	16,223
56 Dairy cows.....	8,574	1,698	3,177	13,095	9,199	22,972	2,924	11,209
57 Other cows.....	1,133	175	272	1,131	1,027	2,681	136	1,369
58 Yearling heifers.....	1,275	191	338	1,260	1,180	3,400	183	1,136
59 Calves.....	1,754	403	382	2,185	1,355	3,407	299	1,858
60 Yearling steers and bulls.....	449	31	67	210	330	547	36	329
61 Other steers and bulls.....	239	56	137	518	210	446	35	327
62 Value.....dollars..	482,285	88,700	177,666	694,534	589,891	1,244,109	161,820	573,197
63 Horses:								
64 Total number.....	5,141	1,210	1,599	7,082	6,432	4,785	1,464	5,743
65 Mature horses.....	4,969	1,196	1,583	6,714	6,106	4,603	1,458	5,369
66 Yearling colts.....	144	12	15	263	201	157	5	291
67 Spring colts.....	28	2	1	85	126	25	1	83
68 Value.....dollars..	675,777	136,665	213,348	859,289	1,043,150	544,289	203,605	680,882
69 Mules:								
70 Total number.....	83	45	24	404	157	57	29	105
71 Mature mules.....	81	45	24	389	153	57	28	99
72 Yearling colts.....	2	.....	.....	11	3	.....	1	5
73 Spring colts.....	.....	.....	.....	4	1	.....	.....	1
74 Value.....dollars..	13,480	3,750	3,865	56,570	21,406	6,363	4,565	12,563
75 Asses and burros:								
76 Number.....	3	2	.....	1	1	3	1	2
77 Value.....dollars..	201	130	.....	30	100	2,300	25	125
78 Swine:								
79 Total number.....	6,154	1,424	1,036	7,428	7,409	4,958	1,059	11,365
80 Mature hogs.....	2,903	970	552	4,502	4,083	2,661	666	6,657
81 Spring pigs.....	3,251	454	484	2,926	3,326	2,297	393	4,708
82 Value.....dollars..	40,659	15,460	7,967	57,327	67,469	37,406	7,297	80,688
83 Sheep:								
84 Total number.....	3,583	9	308	323	2,762	2,960	3	5,623
85 Rams, ewes, and wethers.....	2,060	6	221	214	1,571	1,631	3	2,971
86 Spring lambs.....	1,523	3	87	109	1,191	1,329	.....	2,652
87 Value.....dollars..	18,474	39	1,616	2,035	17,516	12,923	21	28,428
88 Goats:								
89 Number.....	28	.....	163	2	14	107	8	20
90 Value.....dollars..	449	.....	1,265	7	78	1,075	52	55
POULTRY AND BEES								
91 Number of poultry of all kinds.....	141,352	55,604	58,263	158,802	199,814	136,679	47,369	137,212
92 Value.....dollars..	112,115	43,789	48,953	144,323	177,405	97,297	49,901	86,990
93 Number of colonies of bees.....	863	128	241	178	813	994	125	1,195
94 Value.....dollars..	3,826	405	1,167	532	3,585	4,112	513	3,675

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR

[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Atlantic.	Bergen.	Burlington.	Camden.	Cape May.	
<b>FARMS OPERATED BY OWNERS</b>							
1	Number of farms.....	24,133	1,376	972	1,551	865	517
2	Number of farms in 1900.....	<i>23,494</i>	<i>1,134</i>	<i>1,293</i>	<i>1,508</i>	<i>769</i>	<i>438</i>
3	Per cent of all farms.....	72.1	87.5	79.6	64.9	69.5	81.8
4	Per cent of all farms in 1900.....	<i>67.6</i>	<i>87.6</i>	<i>75.3</i>	<i>59.2</i>	<i>67.5</i>	<i>72.9</i>
5	Land in farms..... acres.....	1,562,906	57,285	33,274	144,527	37,939	30,679
6	Improved land in farms..... acres.....	1,105,612	27,137	21,161	100,079	29,127	13,814
7	Value of land and buildings..... dollars.....	133,121,579	4,134,150	9,458,020	9,215,094	3,395,605	1,352,490
<b>Degree of ownership:</b>							
8	Farms consisting of owned land only.....	22,992	1,270	941	1,469	814	497
9	Farms consisting of owned and hired land.....	1,141	106	31	82	51	20
<b>Color and nativity of owners:</b>							
10	Native white.....	18,833	600	670	1,378	565	443
11	Foreign-born white.....	5,035	765	299	152	287	65
12	Negro and other nonwhite.....	265	11	3	21	13	9
<b>FARMS OPERATED BY TENANTS</b>							
13	Number of farms.....	8,294	168	207	729	356	103
14	Number of farms in 1900.....	<i>10,355</i>	<i>147</i>	<i>371</i>	<i>924</i>	<i>550</i>	<i>137</i>
15	Per cent of all farms.....	24.8	10.7	17.0	30.5	28.6	16.3
16	Per cent of all farms in 1900.....	<i>29.9</i>	<i>11.4</i>	<i>21.6</i>	<i>32.2</i>	<i>30.9</i>	<i>22.8</i>
17	Land in farms..... acres.....	783,611	10,998	9,135	75,055	24,810	6,803
18	Improved land in farms..... acres.....	591,196	5,201	5,851	62,669	19,429	3,186
19	Value of land and buildings..... dollars.....	56,693,713	611,925	2,716,480	4,688,835	3,843,910	294,950
<b>Form of tenancy:</b>							
20	Share tenants.....	3,921	18	9	261	99	9
21	Share-cash tenants.....	177	1	9	13	10	1
22	Cash tenants.....	3,499	117	98	375	209	58
23	Tenure not specified.....	697	32	91	80	38	35
<b>Color and nativity of tenants:</b>							
24	Native white.....	7,137	114	97	667	305	91
25	Foreign-born white.....	973	50	109	43	45	10
26	Negro and other nonwhite.....	184	4	1	19	6	2
<b>FARMS OPERATED BY MANAGERS</b>							
27	Number of farms.....	1,060	28	42	109	23	12
28	Number of farms in 1900.....	<i>861</i>	<i>14</i>	<i>52</i>	<i>117</i>	<i>21</i>	<i>26</i>
29	Land in farms..... acres.....	227,340	4,674	10,317	68,234	2,184	4,624
30	Improved land in farms..... acres.....	106,528	1,697	5,071	12,483	1,631	1,388
31	Value of land and buildings..... dollars.....	27,319,227	341,615	2,446,650	1,373,582	196,800	181,300
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>							
<b>For all farms operated by owners:</b>							
32	Number free from mortgage debt.....	11,983	711	527	629	374	308
33	Number with mortgage debt.....	11,793	657	414	889	470	206
34	Number with no mortgage report.....	357	8	31	33	21	3
<b>For farms consisting of owned land only:</b>							
35	Number reporting debt and amount.....	10,666	568	369	781	424	183
36	Value of their land and buildings..... dollars.....	55,507,006	1,575,680	3,481,280	4,617,960	1,643,875	401,420
37	Amount of mortgage debt..... dollars.....	19,476,938	457,403	883,115	2,040,160	612,034	125,723
38	Per cent of value of land and buildings.....	35.1	29.0	25.4	44.2	37.2	31.3

<sup>1</sup> No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1	Dairy cows on farms reporting dairy products.....	number..	144,274	823	2,051	14,182	2,606	1,134
2	Dairy cows on farms reporting milk produced.....	number..	129,807	750	1,979	12,409	2,350	1,083
3	Milk—Produced.....	gallons..	67,698,219	293,023	1,153,321	5,705,511	1,019,396	329,802
4	Sold.....	gallons..	56,856,550	153,230	861,992	5,128,583	820,245	191,794
5	Cream sold.....	gallons..	79,485	280	15	10,026	30	.....
6	Butter fat sold.....	pounds..	249,557	.....	.....	.....	.....	.....
7	Butter—Produced.....	pounds..	3,622,411	32,779	61,003	273,605	55,479	31,946
8	Sold.....	pounds..	2,003,029	10,077	21,172	180,958	21,703	11,790
9	Cheese—Produced.....	pounds..	77,824	13,682	732	350	1,406	3,375
10	Sold.....	pounds..	42,462	6,053	540	150	436	2,100
11	Value of dairy products, excluding home use of milk and cream.....	dollars..	10,156,600	55,498	239,667	923,622	174,544	59,497
12	Receipts from sale of dairy products.....	dollars..	9,685,352	47,070	227,229	895,626	164,448	52,890
<b>Poultry Products</b>								
13	Poultry—Raised.....	number..	4,453,830	289,388	137,548	488,294	135,487	87,037
14	Sold.....	number..	2,540,200	155,719	64,538	344,715	87,332	42,648
15	Eggs—Produced.....	dozens..	13,630,302	406,973	546,517	679,114	237,468	211,230
16	Sold.....	dozens..	9,578,886	298,029	376,572	425,277	141,899	156,944
17	Value of poultry and eggs produced.....	dollars..	7,118,001	280,782	268,961	675,643	171,332	109,551
18	Receipts from sale of poultry and eggs.....	dollars..	4,666,259	174,815	160,033	479,502	112,000	69,397
<b>Honey and Wax</b>								
19	Honey produced.....	pounds..	152,072	3,683	5,368	11,226	3,188	2,402
20	Wax produced.....	pounds..	1,372	35	50	161	38	10
21	Value of honey and wax produced.....	dollars..	22,917	590	966	1,417	535	406
<b>Wool, Mohair, and Goat Hair</b>								
22	Wool, fleeces shorn.....	number..	13,321	1	34	356	.....	.....
23	Mohair and goat hair, fleeces shorn.....	number..	53	.....	.....	6	.....	.....
24	Value of wool and mohair produced.....	dollars..	18,579	2	102	527	.....	.....
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25	Calves—Sold or slaughtered.....	number..	126,910	382	825	14,923	2,155	443
26	Other cattle—Sold or slaughtered.....	number..	34,129	145	395	2,301	579	233
27	Horses, mules, and asses and burros—Sold.....	number..	5,167	62	61	245	63	23
28	Swine—Sold or slaughtered.....	number..	102,348	2,530	2,620	12,237	3,791	1,217
29	Sheep and goats—Sold or slaughtered.....	number..	10,686	21	5	1,230	12	.....
30	Receipts from sale of animals.....	dollars..	3,433,924	17,429	36,299	262,892	77,793	16,840
31	Value of animals slaughtered.....	dollars..	1,562,926	35,021	10,787	174,047	28,928	12,081

AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	Cumberland.	Essex.	Gloucester.	Hudson.	Hunterdon.	Mercer.	Middlesex.	Monmouth.
<b>FARMS OPERATED BY OWNERS</b>								
1 Number of farms.....	2,142	478	1,563	126	2,047	1,065	1,190	2,179
2 <i>Number of farms in 1900.....</i>	<i>1,606</i>	<i>699</i>	<i>1,371</i>	<i>203</i>	<i>1,871</i>	<i>1,022</i>	<i>1,261</i>	<i>1,908</i>
3 Per cent of all farms.....	78.6	75.5	69.4	58.6	70.4	67.7	77.2	74.1
4 <i>Per cent of all farms in 1900.....</i>	<i>72.2</i>	<i>69.7</i>	<i>61.6</i>	<i>56.7</i>	<i>63.9</i>	<i>65.0</i>	<i>72.1</i>	<i>68.8</i>
5 Land in farms.....acres....	109,198	14,956	88,420	883	154,325	75,688	76,910	128,625
6 <i>Improved land in farms.....acres....</i>	<i>65,501</i>	<i>8,765</i>	<i>66,861</i>	<i>467</i>	<i>128,369</i>	<i>64,029</i>	<i>59,382</i>	<i>99,315</i>
7 Value of land and buildings.....dollars..	6,836,492	4,749,660	6,447,600	1,853,475	7,450,648	7,858,450	8,257,380	14,638,460
<b>Degree of ownership:</b>								
8 Farms consisting of owned land only.....	2,020	454	1,495	123	1,994	1,008	1,109	2,087
9 Farms consisting of owned and hired land.....	122	24	68	3	53	57	81	92
<b>Color and nativity of owners:</b>								
10 Native white.....	1,441	343	1,209	68	1,860	877	845	1,844
11 Foreign-born white.....	645	134	329	58	185	177	341	299
12 Negro and other nonwhite.....	56	1	25	.....	2	11	4	36
<b>FARMS OPERATED BY TENANTS</b>								
13 Number of farms.....	520	137	651	80	806	445	301	630
14 <i>Number of farms in 1900.....</i>	<i>578</i>	<i>283</i>	<i>823</i>	<i>153</i>	<i>1,034</i>	<i>509</i>	<i>429</i>	<i>814</i>
15 Per cent of all farms.....	19.1	21.6	28.9	37.2	27.7	28.3	19.5	21.4
16 <i>Per cent of all farms in 1900.....</i>	<i>26.0</i>	<i>23.2</i>	<i>37.0</i>	<i>42.7</i>	<i>35.3</i>	<i>32.4</i>	<i>24.5</i>	<i>29.4</i>
17 Land in farms.....acres....	42,811	5,471	47,115	659	82,960	40,127	26,039	57,494
18 <i>Improved land in farms.....acres....</i>	<i>27,517</i>	<i>3,114</i>	<i>36,874</i>	<i>450</i>	<i>70,289</i>	<i>33,155</i>	<i>19,402</i>	<i>46,117</i>
19 Value of land and buildings.....dollars..	2,220,323	2,023,249	3,125,825	1,294,000	3,591,907	3,668,690	2,344,350	5,691,835
<b>Form of tenancy:</b>								
20 Share tenants.....	338	3	299	1	611	178	146	347
21 Share-cash tenants.....	9	2	14	.....	9	12	4	25
22 Cash tenants.....	121	115	303	62	159	225	150	233
23 Tenure not specified.....	52	17	35	17	27	30	1	25
<b>Color and nativity of tenants:</b>								
24 Native white.....	433	83	564	37	772	408	234	569
25 Foreign-born white.....	51	54	68	43	32	30	62	48
26 Negro and other nonwhite.....	36	.....	19	.....	2	7	5	13
<b>FARMS OPERATED BY MANAGERS</b>								
27 Number of farms.....	62	18	38	9	54	63	51	132
28 <i>Number of farms in 1900.....</i>	<i>39</i>	<i>21</i>	<i>31</i>	<i>2</i>	<i>25</i>	<i>42</i>	<i>60</i>	<i>60</i>
29 Land in farms.....acres....	6,544	2,356	4,152	53	6,800	7,757	4,925	20,837
30 <i>Improved land in farms.....acres....</i>	<i>3,811</i>	<i>1,251</i>	<i>3,077</i>	<i>18</i>	<i>5,204</i>	<i>6,577</i>	<i>3,894</i>	<i>11,151</i>
31 Value of land and buildings.....dollars..	557,000	1,377,820	390,600	246,700	337,470	1,482,800	1,086,950	5,003,900
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
<b>For all farms operated by owners:</b>								
32 Number free from mortgage debt.....	886	252	648	39	1,067	470	593	1,089
33 Number with mortgage debt.....	1,187	209	902	47	972	588	593	1,072
34 Number with no mortgage report.....	69	17	13	40	8	7	4	18
<b>For farms consisting of owned land only:</b>								
35 Number reporting debt and amount.....	1,071	195	821	37	902	537	540	992
36 Value of their land and buildings.....dollars..	3,447,690	1,779,000	3,525,625	480,100	3,162,215	3,637,205	3,318,750	6,400,610
37 Amount of mortgage debt.....dollars..	1,262,188	564,306	1,490,195	152,600	1,241,958	1,361,023	1,117,292	2,087,300
38 Per cent of value of land and buildings.....	36.6	31.7	42.3	31.8	39.3	37.4	33.7	32.6

<sup>1</sup> No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1 Dairy cows on farms reporting dairy products.....number..	6,390	3,960	5,074	436	16,562	8,246	4,959	8,915
2 Dairy cows on farms reporting milk produced.....number..	5,410	3,187	4,492	407	12,530	7,680	4,873	8,457
3 Milk—Produced.....gallons.....	2,255,354	2,187,752	1,784,208	321,583	5,957,447	3,682,508	2,529,928	4,220,516
4 Sold.....gallons.....	1,870,111	2,550,101	1,165,290	238,850	5,292,466	2,705,779	1,411,945	2,453,571
5 Cream sold.....gallons.....	211	9,885	1,283	365	8,863	29,653	242	415
6 Butter fat sold.....pounds.....	.....	.....	.....	.....	236,436	.....	6,600	.....
7 Butter—Produced.....pounds.....	183,851	20,349	263,330	7,815	505,861	280,398	217,797	295,053
8 Sold.....pounds.....	81,645	6,955	157,226	.....	369,772	168,484	109,547	100,870
9 Cheese—Produced.....pounds.....	16,426	11,098	6,037	.....	2,000	5,127	3,965	2,496
10 Sold.....pounds.....	509	11,048	3,215	.....	1,388	4,186	2,530	1,890
11 Value of dairy products, excluding home use of milk and cream.....dollars....	343,375	733,682	282,204	68,993	845,387	579,409	398,116	513,109
12 Receipts from sale of dairy products.....dollars....	311,178	729,305	250,614	66,501	808,811	544,741	367,926	458,405
<b>Poultry Products</b>								
13 Poultry—Raised.....number..	381,809	54,862	373,531	21,104	323,781	233,667	177,192	346,165
14 Sold.....number..	269,278	20,755	259,632	4,025	152,286	140,302	96,560	179,769
15 Eggs—Produced.....dozens.....	770,890	243,071	531,509	30,638	2,000,043	884,975	583,664	976,338
16 Sold.....dozens.....	524,476	172,151	331,829	7,141	1,788,282	639,772	376,160	607,278
17 Value of poultry and eggs produced.....dollars.....	474,249	119,805	465,753	27,660	709,545	421,861	312,136	558,143
18 Receipts from sale of poultry and eggs.....dollars.....	325,965	71,858	325,073	6,235	521,119	290,188	187,431	329,971
<b>Honey and Wax</b>								
19 Honey produced.....pounds.....	5,442	1,502	7,686	200	32,777	7,064	2,935	8,331
20 Wax produced.....pounds.....	61	42	24	10	295	149	10	26
21 Value of honey and wax produced.....dollars.....	1,023	241	1,157	103	3,880	1,058	572	1,363
<b>Wool, Mohair, and Goat Hair</b>								
22 Wool, fleeces shorn.....number..	177	.....	136	.....	4,253	434	175	337
23 Mohair and goat hair, fleeces shorn.....number..	.....	.....	.....	.....	2	.....	11	.....
24 Value of wool and mohair produced.....dollars.....	295	.....	194	.....	5,425	643	259	578
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25 Calves—Sold or slaughtered.....number..	6,473	3,132	4,864	153	12,279	7,687	3,651	8,633
26 Other cattle—Sold or slaughtered.....number..	1,607	1,499	1,574	229	3,954	1,631	903	1,491
27 Horses, mules, and asses and burros—Sold.....number..	740	117	555	8	378	336	154	181
28 Swine—Sold or slaughtered.....number..	5,840	1,273	8,434	23,451	25,084	8,970	5,084	12,674
29 Sheep and goats—Sold or slaughtered.....number..	139	5	130	.....	3,120	202	113	408
30 Receipts from sale of animals.....dollars.....	227,666	84,829	179,525	279,271	396,223	186,779	102,694	170,663
31 Value of animals slaughtered.....dollars.....	107,310	14,627	125,123	2,296	226,044	100,792	36,537	137,323

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms.....	1,486	650	674	1,208	1,399	472	1,101
2	Number of farms in 1900.....	1,729	735	681	1,154	1,353	473	1,001
3	Per cent of all farms.....	70.2	89.2	78.9	59.0	71.9	73.0	60.8
4	Per cent of all farms in 1900.....	75.0	79.8	74.3	54.7	69.4	66.8	55.8
5	Land in farms.....acres.....	104,839	40,928	33,681	81,651	106,323	133,412	14,341
6	Improved land in farms.....acres.....	63,340	18,481	17,748	60,237	86,573	90,367	11,289
7	Value of land and buildings.....dollars.....	10,968,818	1,833,818	5,474,920	4,888,908	10,603,391	4,795,300	4,834,225
8	Degree of ownership:							
9	Farms consisting of owned land only.....	1,392	613	657	1,155	1,366	419	1,070
10	Farms consisting of owned and hired land.....	94	37	17	53	33	33	31
11	Color and nativity of owners:							
12	Native white.....	1,262	560	452	987	1,065	313	1,019
13	Foreign-born white.....	223	80	220	160	329	157	31
14	Negro and other nonwhite.....	1	1	2	61	5	2	1
<b>FARMS OPERATED BY TENANTS</b>								
15	Number of farms.....	338	60	161	817	403	548	682
16	Number of farms in 1900.....	433	145	208	921	526	574	743
17	Per cent of all farms.....	17.3	8.2	18.9	39.9	20.7	33.0	23.5
18	Per cent of all farms in 1900.....	21.0	14.7	22.7	44.4	26.9	32.0	29.0
19	Land in farms.....acres.....	35,456	7,725	7,033	85,151	38,768	93,433	6,937
20	Improved land in farms.....acres.....	20,794	3,982	3,717	63,138	32,171	65,596	5,041
21	Value of land and buildings.....dollars.....	2,499,310	370,950	1,042,900	4,508,665	3,445,916	3,182,490	2,088,600
22	Form of tenancy:							
23	Share tenants.....	88	9	1	608	210	249	2
24	Share-cash tenants.....	9	14	1	8	5	2	4
25	Cash tenants.....	196	33	106	158	170	263	139
26	Tenure not specified.....	45	4	53	43	18	34	7
27	Color and nativity of tenants:							
28	Native white.....	286	57	97	729	347	521	89
29	Foreign-born white.....	52	3	63	24	53	26	63
30	Negro and other nonwhite.....	1	1	1	64	3	1	1
<b>FARMS OPERATED BY MANAGERS</b>								
31	Number of farms.....	125	19	19	21	145	39	23
32	Number of farms in 1900.....	93	61	27	17	74	21	24
33	Land in farms.....acres.....	27,724	4,995	5,540	1,894	20,875	11,466	2,127
34	Improved land in farms.....acres.....	14,241	2,305	1,844	1,328	17,313	5,320	1,160
35	Value of land and buildings.....dollars.....	4,944,400	398,000	896,500	120,600	4,736,800	380,300	423,300
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
36	For all farms operated by owners:							
37	Number free from mortgage debt.....	930	476	387	476	582	589	238
38	Number with mortgage debt.....	539	167	269	717	807	480	222
39	Number with no mortgage report.....	17	7	18	15	10	3	12
40	For farms consisting of owned land only:							
41	Number reporting debt and amount.....	477	150	250	636	735	446	191
42	Value of their land and buildings.....dollars.....	3,206,711	447,200	1,638,220	2,672,791	4,800,291	2,106,503	1,822,750
43	Amount of mortgage debt.....dollars.....	905,260	142,345	406,723	1,198,802	1,538,281	841,072	535,915
44	Per cent of value of land and buildings.....	28.2	31.8	24.8	44.9	32.0	39.9	29.4

<sup>1</sup> No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

<b>LIVE STOCK PRODUCTS</b>									
<b>Dairy Products</b>									
1	Dairy cows on farms reporting dairy products.....number.....	8,026	1,500	2,903	12,107	8,820	22,095	2,710	10,685
2	Dairy cows on farms reporting milk produced.....number.....	7,576	1,548	2,723	10,540	8,661	20,994	2,602	9,556
3	Milk—Produced.....gallons.....	3,589,396	657,307	1,653,434	5,590,814	4,530,753	13,927,285	1,782,095	4,525,976
4	Sold.....gallons.....	2,425,484	320,782	1,325,595	5,450,550	3,282,312	13,725,104	1,636,280	3,846,456
5	Cream sold.....gallons.....	8,305	50	2,168	176	1,357	450	883	4,830
6	Butter fat sold.....pounds.....	287,000	70,117	101,588	127,594	275,995	156,226	18,456	356,169
7	Sold.....pounds.....	136,134	34,404	51,388	77,976	131,497	90,380	5,525	235,526
8	Cheese—Produced.....pounds.....	7,224	452	310	310	1,540	80	1,524	.....
9	Sold.....pounds.....	6,145	400	200	200	1,210	462	.....	.....
10	Value of dairy products, excluding home use of milk and cream.....dollars.....	580,551	75,016	311,363	780,019	517,416	1,713,541	371,403	590,188
11	Receipts from sale of dairy products.....dollars.....	536,342	63,745	297,720	766,909	476,669	1,694,257	367,403	557,563
<b>Poultry Products</b>									
12	Poultry—Raised.....number.....	194,780	121,199	102,261	414,653	247,782	122,149	63,966	137,155
13	Sold.....number.....	81,253	59,313	61,465	286,359	107,095	47,745	22,590	56,821
14	Eggs—Produced.....dozens.....	791,074	352,775	322,715	711,203	1,291,299	887,840	237,054	843,912
15	Sold.....dozens.....	487,395	166,873	215,486	467,383	925,330	680,380	145,993	645,236
16	Value of poultry and eggs produced.....dollars.....	344,182	184,120	157,046	556,729	525,222	282,500	198,399	274,682
17	Receipts from sale of poultry and eggs.....dollars.....	188,701	96,494	100,607	395,066	331,983	188,863	129,509	181,449
<b>Honey and Wax</b>									
18	Honey produced.....pounds.....	17,180	3,590	3,263	1,875	9,580	10,584	1,570	12,126
19	Wax produced.....pounds.....	118	60	20	5	52	109	.....	97
20	Value of honey and wax produced.....dollars.....	2,758	438	624	299	1,648	1,660	320	1,859
<b>Wool, Mohair, and Goat Hair</b>									
21	Wool, fleeces shorn.....number.....	1,690	.....	210	144	1,121	1,344	.....	2,909
22	Mohair and goat hair, fleeces shorn.....number.....	.....	.....	.....	.....	4	.....	.....	.....
23	Value of wool and mohair produced.....dollars.....	2,203	.....	290	243	1,804	1,906	.....	4,103
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
24	Calves—Sold or slaughtered.....number.....	4,811	969	2,281	10,794	7,518	22,868	1,274	10,795
25	Other cattle—Sold or slaughtered.....number.....	1,576	163	1,768	3,166	2,816	4,305	1,030	2,764
26	Horses, mules, and asses and burros—Sold.....number.....	339	176	48	426	483	415	61	296
27	Swine—Sold or slaughtered.....number.....	7,262	1,041	1,097	9,011	8,243	6,740	520	15,220
28	Sheep and goats—Sold or slaughtered.....number.....	960	.....	102	129	725	1,236	3	2,146
29	Receipts from sale of animals.....dollars.....	162,678	32,741	65,842	266,686	278,294	250,999	69,390	268,991
30	Value of animals slaughtered.....dollars.....	65,939	12,726	33,917	113,042	93,722	110,699	4,452	117,513



STATISTICS OF AGRICULTURE.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

		THE STATE.	Atlantic.	Bergen.	Burlington.	Camden.	Cape May.	
<b>VALUE OF ALL CROPS</b>								
1	Total.....	dollars.....	40,340,491	1,102,850	1,455,620	4,659,886	1,659,433	394,260
2	Cereals.....	dollars.....	9,797,937	95,856	72,173	1,120,096	222,416	82,481
3	Other grains and seeds.....	dollars.....	75,991	2,847	917	3,794	6,662	464
4	Hay and forage.....	dollars.....	7,627,402	54,531	158,842	740,994	190,240	49,760
5	Vegetables.....	dollars.....	14,073,467	406,050	607,086	1,606,270	780,274	175,402
6	Fruits and nuts.....	dollars.....	4,069,446	486,198	144,110	771,169	327,315	55,978
7	All other crops.....	dollars.....	4,696,248	57,368	472,492	411,563	132,526	30,175
<b>SELECTED CROPS (acres and quantity)</b>								
8	<b>Cereals:</b>							
9	Total.....	acres.....	503,651	4,642	3,476	51,426	9,569	4,115
10	Corn.....	bushels.....	14,035,521	141,507	115,513	1,540,596	298,459	127,657
11	Oats.....	acres.....	205,441	4,554	2,128	29,589	7,290	4,090
12	Wheat.....	bushels.....	10,000,731	140,326	91,452	1,208,591	200,952	127,252
13	Barley.....	acres.....	72,130	.....	185	715	196	24
14	Wheat.....	bushels.....	1,376,752	.....	5,093	14,086	3,460	393
15	Barley.....	acres.....	33,637	19	158	5,280	827	.....
16	Buckwheat.....	bushels.....	1,439,233	120	3,399	106,100	17,014	.....
17	Other grains.....	acres.....	152	5	10	5	.....	.....
18	Buckwheat.....	bushels.....	3,082	156	150	45	.....	.....
19	Rye.....	acres.....	13,155	9	143	17	.....	.....
20	Rye.....	bushels.....	212,548	128	2,671	147	.....	.....
21	Other grains.....	acres.....	69,032	55	840	15,818	1,252	1
22	Dry edible beans.....	bushels.....	951,271	761	12,578	211,603	16,970	12
23	<b>Hay and forage:</b>							
24	Total.....	acres.....	401,315	4,892	6,589	34,375	7,545	3,894
25	All tame or cultivated grasses.....	tons.....	569,442	7,034	9,227	57,959	11,963	7,084
26	Timothy alone.....	acres.....	341,689	1,012	5,950	31,545	7,052	1,181
27	Timothy and clover mixed.....	acres.....	434,063	1,343	8,126	45,041	10,827	1,890
28	Clover alone.....	acres.....	117,008	128	2,406	6,560	2,799	416
29	Alfalfa.....	tons.....	146,700	166	3,978	9,183	4,241	733
30	Millet or Hungarian grass.....	acres.....	183,752	494	2,130	23,847	3,688	310
31	Other tame or cultivated grasses.....	tons.....	236,490	632	2,774	34,017	5,585	558
32	Wild, salt, or prairie grasses.....	acres.....	6,893	231	23	461	381	126
33	Grains cut green.....	tons.....	9,475	314	36	749	661	182
34	Coarse forage.....	acres.....	1,386	33	7	129	73	9
35	Root forage.....	tons.....	3,251	64	25	361	163	21
36	Other tame or cultivated grasses.....	acres.....	1,481	91	11	26	43	106
37	Wild, salt, or prairie grasses.....	tons.....	1,921	116	15	39	76	163
38	Grains cut green.....	acres.....	31,169	35	1,373	522	88	214
39	Coarse forage.....	tons.....	36,226	51	1,298	602	101	242
40	Root forage.....	acres.....	33,146	3,537	241	1,308	81	2,406
41	Other tame or cultivated grasses.....	tons.....	47,742	5,190	247	1,753	95	3,029
42	Coarse forage.....	acres.....	16,491	249	281	451	80	109
43	Root forage.....	tons.....	29,533	328	492	480	88	302
44	Other tame or cultivated grasses.....	acres.....	9,868	91	117	1,071	330	198
45	Special crops.....	tons.....	56,828	157	361	10,685	918	1,254
46	Potatoes.....	acres.....	121	3	.....	.....	2	.....
47	Sweet potatoes and yams.....	bushels.....	1,276	16	.....	.....	35	.....
48	All other vegetables.....	acres.....	72,991	838	1,207	9,115	3,004	847
49	Maple trees.....	acres.....	8,057,424	65,561	84,018	1,073,371	329,372	73,932
50	Maple sugar (made).....	bushels.....	22,504	1,984	.....	1,056	1,273	445
51	Maple sirup (made).....	number.....	3,186,499	232,520	54	292,794	214,045	60,429
52	Maple sirup (made).....	pounds.....	86,227	2,356	5,204	13,200	7,267	1,716
53	Maple sirup (made).....	gallons.....	1,275	.....	20	.....	.....	.....
54	Maple sirup (made).....	gallons.....	1,195	.....	6	.....	.....	.....
55	Maple sirup (made).....	gallons.....	504	.....	3	.....	.....	.....
<b>FRUITS AND NUTS</b>								
56	<b>Orchard fruits:</b>							
57	Total.....	trees.....	3,165,749	164,257	80,680	397,913	145,780	53,158
58	Apples.....	bushels.....	2,372,358	69,953	102,365	359,691	117,399	9,799
59	Peaches and nectarines.....	trees.....	1,053,626	28,585	39,780	104,009	20,606	13,455
60	Pears.....	bushels.....	1,406,778	14,718	77,893	122,337	18,860	5,124
61	Plums and prunes.....	trees.....	1,216,476	70,520	25,478	53,716	49,093	28,907
62	Cherries.....	bushels.....	441,440	27,242	16,125	58,053	25,418	2,283
63	Quinces.....	trees.....	731,616	59,330	8,592	175,401	71,083	9,062
64	Cherries.....	bushels.....	463,290	27,455	6,001	165,851	70,463	2,161
65	Quinces.....	trees.....	46,547	2,055	4,289	3,781	1,537	592
66	Quinces.....	bushels.....	9,594	96	1,280	1,178	341	29
67	Quinces.....	trees.....	102,124	3,334	1,796	29,599	5,882	1,057
68	Quinces.....	bushels.....	44,636	409	739	11,838	2,276	192
69	Quinces.....	trees.....	14,777	417	717	1,399	573	85
70	Quinces.....	bushels.....	6,442	33	319	774	41	7
71	Grapes.....	vines.....	1,603,280	818,166	14,984	15,107	104,300	31,601
72	Small fruits:	pounds.....	6,501,221	2,395,087	173,702	106,134	366,782	144,005
73	Total.....	acres.....	24,069	4,783	238	7,090	2,946	502
74	Strawberries.....	acres.....	38,822,987	6,443,968	526,944	11,612,804	4,719,889	898,249
75	Raspberries and loganberries.....	acres.....	8,684	1,024	162	1,324	1,025	164
76	Blackberries and dewberries.....	acres.....	18,767,475	1,841,235	429,391	3,637,606	2,489,843	283,095
77	Cranberries.....	acres.....	1,744	472	35	113	656	4
78	Cranberries.....	acres.....	2,143,877	574,539	37,943	156,985	814,667	4,113
79	Cranberries.....	acres.....	4,332	2,090	25	103	754	6
80	Cranberries.....	acres.....	5,456,789	2,695,876	41,863	90,816	983,374	10,045
81	Cranberries.....	acres.....	9,030	1,185	.....	5,435	450	328
82	Nuts.....	trees.....	12,072,288	1,315,008	.....	7,517,696	369,600	600,736
83	Nuts.....	pounds.....	22,764	352	56	664	8,657	16
	Nuts.....	pounds.....	249,626	3,410	2,005	17,511	4,700	726

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909.

1	Labor.....	Farms reporting.....					
2	Cash expended.....	dollars.....	23,448	880	827	1,852	861
3	Rent and board furnished.....	dollars.....	8,633,475	212,724	429,194	1,127,557	340,823
4	Fertilizer.....	Farms reporting.....	2,464,252	22,245	122,158	254,417	84,123
5	Amount expended.....	dollars.....	23,685	1,181	639	1,810	943
6	Feed.....	Farms reporting.....	4,277,604	112,758	128,201	480,814	222,635
7	Amount expended.....	dollars.....	23,014	1,229	950	1,786	837
8	Receipts from sale of feedable crops.....	dollars.....	5,947,181	237,094	344,532	495,174	165,830
		dollars.....	2,076,981	20,491	13,453	217,019	47,083

SUPPLEMENT FOR NEW JERSEY.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		Cumber-land.	Essex.	Gloucester.	Hudson.	Hunterdon.	Mercer.	Middlesex.	Monmouth.	
<b>VALUE OF ALL CROPS</b>										
1	Total.....	dollars.. 2,570,056	809,135	3,612,325	883,526	2,359,899	2,285,407	1,909,154	4,479,266	
2	Cereals.....	dollars.. 542,832	25,297	498,293	190	1,366,551	726,522	513,300	1,002,818	
3	Other grains and seeds.....	dollars.. 4,287	300	11,789	100	1,997	162	457	10,614	
4	Hay and forage.....	dollars.. 324,274	161,945	347,525	14,008	643,113	576,269	575,350	630,470	
5	Vegetables.....	dollars.. 1,257,521	213,884	2,461,705	217,454	114,708	558,468	559,437	2,001,775	
6	Fruits and nuts.....	dollars.. 359,176	52,131	264,970	76	166,799	137,425	134,584	385,140	
7	All other crops.....	dollars.. 81,966	355,578	58,043	651,698	60,731	266,561	126,026	448,469	
<b>SELECTED CROPS (acres and quantity)</b>										
8	<b>Cereals:</b>									
9	Total.....	acres.. 23,948	913	20,187	5	85,871	34,046	24,204	39,952	
10	Corn.....	bushels.. 750,731	38,991	641,704	300	2,009,530	1,042,494	714,155	1,363,798	
11	Oats.....	acres.. 18,778	709	17,226	3	32,156	17,831	13,211	24,699	
12	Wheat.....	bushels.. 657,515	34,445	598,205	220	1,083,816	740,348	504,157	1,099,666	
13	Barley.....	acres.. 688	56	336	2	22,772	4,469	1,622	393	
14	Buckwheat.....	bushels.. 13,972	1,504	7,015	80	459,418	80,639	25,262	11,105	
15	Rye.....	acres.. 4,319	28	1,257	.....	19,693	7,199	4,568	4,060	
16	Dry edible beans.....	bushels.. 70,987	688	20,289	.....	305,918	139,187	99,084	90,048	
17	Other grains.....	acres.. 2	.....	.....	.....	51	19	25	10	
18	Hay and forage.....	acres.. 50	.....	.....	.....	1,020	221	795	200	
19	Timothy alone.....	acres.. 7	8	22	.....	4,367	41	105	30	
20	Timothy and clover mixed.....	acres.. 141	146	292	.....	78,679	907	1,607	454	
21	Clover alone.....	acres.. 152	112	1,345	.....	6,832	4,494	4,651	10,770	
22	Alfalfa.....	bushels.. 1,966	2,208	15,873	.....	80,679	75,165	82,865	162,323	
23	Millet or Hungarian grass.....	acres.. 239	.....	3	.....	2	9	3	.....	
24	Other tame or cultivated grasses.....	bushels.. 1,468	.....	23	.....	18	64	25	.....	
25	Total.....	acres.. 21,374	7,231	15,966	325	40,974	26,450	25,899	27,673	
26	All tame or cultivated grasses.....	tons.. 32,298	12,060	24,355	1,173	47,639	40,549	37,360	38,117	
27	Timothy alone.....	acres.. 10,734	5,014	14,406	123	40,583	21,104	19,785	24,130	
28	Timothy and clover mixed.....	acres.. 15,709	7,016	20,650	302	45,539	28,645	25,229	32,393	
29	Clover alone.....	acres.. 1,673	2,600	2,874	64	17,499	8,847	10,150	6,585	
30	Alfalfa.....	acres.. 2,274	3,982	4,023	237	19,784	11,544	12,781	8,381	
31	Millet or Hungarian grass.....	acres.. 7,267	697	10,509	48	21,781	11,513	8,618	16,731	
32	Other tame or cultivated grasses.....	acres.. 10,570	1,110	15,121	114	24,307	16,123	11,430	22,516	
33	Grains cut green.....	acres.. 602	.....	432	.....	953	224	138	293	
34	Coarse forage.....	acres.. 134	11	74	.....	1,022	329	148	435	
35	Root forage.....	acres.. 365	27	102	.....	110	41	57	316	
36	Special crops.....	acres.. 61	1	47	1	196	96	189	793	
37	Potatoes.....	acres.. 84	2	75	3	35	122	251	35	
38	Sweet potatoes and yams.....	acres.. 937	1,705	470	10	49	198	237	57	
39	All other vegetables.....	acres.. 1,524	1,895	644	8	205	357	571	172	
40	Maple trees.....	acres.. 9,694	1,340	771	188	181	355	444	212	
41	Maple sugar (made).....	acres.. 13,077	1,891	881	540	38	72	1,434	274	
42	Maple sirup (made).....	acres.. 469	373	335	8	39	60	2,107	409	
43	Other special crops.....	acres.. 712	1,042	415	133	469	4,707	4,293	3,098	
44	Total.....	acres.. 411	502	454	6	240	7,508	7,097	4,327	
45	Special crops.....	acres.. 2,909	2,109	2,409	138	1,592	4,307	2,921	170	
46	Potatoes.....	acres.. 66	.....	.....	.....	.....	.....	.....	978	
47	Sweet potatoes and yams.....	acres.. 391	316	7,149	.....	.....	29	6	10	
48	All other vegetables.....	acres.. 5,739	24,056	876,274	20	950	5,479	4,845	14,784	
49	Maple trees.....	acres.. 647,415	.....	8,857	.....	66,663	556,729	475,807	1,893,523	
50	Maple sugar (made).....	acres.. 3,559	.....	14,792	524	2	26,197	6,62	493	
51	Maple sirup (made).....	acres.. 411,611	1,518	.....	.....	185	221	6,951	51,867	
52	All other special crops.....	acres.. 8,467	.....	.....	.....	653	2,419	2,623	9,306	
53	<b>FRUITS AND NUTS</b>									
54	<b>Orchard fruits:</b>									
55	Total.....	acres.. 222,259	17,723	233,344	70	424,394	143,396	118,402	396,099	
56	Apples.....	bushels.. 140,192	25,454	216,335	61	167,404	143,716	33,036	349,605	
57	Peaches and nectarines.....	acres.. 47,670	7,019	83,865	13	72,901	80,961	53,179	181,232	
58	Pears.....	bushels.. 57,916	17,146	117,421	8	103,785	121,254	16,341	277,996	
59	Plums and prunes.....	acres.. 73,413	9,141	75,534	.....	309,476	30,713	28,766	111,536	
60	Cherries.....	bushels.. 29,350	7,297	23,013	.....	49,074	13,527	10,619	58,331	
61	Quinces.....	bushels.. 90,018	807	66,259	36	18,419	30,662	30,876	99,155	
62	Grapes.....	acres.. 50,941	641	73,466	50	5,565	5,132	3,764	11,568	
63	Small fruits.....	bushels.. 3,823	211	1,957	.....	3,141	2,555	1,511	2,190	
64	Strawberries.....	acres.. 449	23	465	.....	391	762	221	801	
65	Raspberries and loganberries.....	bushels.. 6,456	273	5,520	21	10,443	5,420	2,319	1,287	
66	Blackberries and dewberries.....	bushels.. 1,372	211	1,919	3	7,717	2,596	1,774	560	
67	Cranberries.....	acres.. 860	269	193	.....	1,855	1,129	744	705	
68	Nuts.....	bushels.. 158	136	49	.....	849	443	315	349	
69	Total.....	acres.. 361,701	1,784	78,144	1	1,448	8,102	6,233	47,240	
70	Strawberries.....	pounds.. 1,212,391	22,440	426,618	.....	36,395	153,717	59,747	563,291	
71	Raspberries and loganberries.....	acres.. 3,074	116	1,059	.....	93	275	273	1,300	
72	Blackberries and dewberries.....	acres.. 5,045,201	257,072	1,858,641	.....	139,574	496,465	646,012	2,014,733	
73	Cranberries.....	acres.. 2,087	98	584	.....	35	207	150	585	
74	Nuts.....	acres.. 3,988,594	234,113	1,291,388	.....	88,785	414,584	422,140	1,100,547	
75	Apples.....	acres.. 12	5	29	.....	50	24	20	213	
76	Peaches and nectarines.....	acres.. 9,973	6,992	25,342	.....	40,565	19,580	32,824	308,347	
77	Pears.....	acres.. 637	4	99	.....	7	38	14	447	
78	Plums and prunes.....	acres.. 816,236	4,227	87,271	.....	8,679	55,029	20,269	520,512	
79	Cherries.....	acres.. 334	.....	343	.....	.....	.....	87	40	
80	Quinces.....	acres.. 226,528	.....	449,376	.....	.....	.....	169,600	65,344	
81	Grapes.....	acres.. 2,282	.....	2,950	.....	1,813	867	51	117	
82	Small fruits.....	pounds.. 27,390	.....	17,540	.....	30,934	7,992	1,975	3,221	

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	1,660	451	1,578	176	2,018	1,187	1,042	2,160
2	Cash expended.....	dollars.. 375,734	322,115	547,969	255,638	358,429	402,966	357,464	912,267	
3	Rent and board furnished.....	dollars.. 71,070	77,902	153,757	71,712	146,742	161,764	120,071	270,716	
4	Fertilizer.....	Farms reporting.....	2,159	268	1,926	119	2,169	1,295	1,162	2,410
5	Amount expended.....	dollars.. 366,718	40,445	626,244	38,588	152,230	277,742	252,949	542,742	
6	Farms reporting.....	dollars.. 2,012	473	1,598	127	1,703	1,047	772	1,634	
7	Amount expended.....	dollars.. 385,828	358,970	308,595	98,333	228,744	201,533	188,274	337,207	
8	Receipts from sale of feedable crops.....	dollars.. 84,040	8,584	51,602	.....	247,030	238,132	239,021	180,443	

# STATISTICS OF AGRICULTURE.

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## ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

		Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
<b>VALUE OF ALL CROPS</b>									
1	<b>Total</b> .....dollars.	<b>1,877,005</b>	<b>466,524</b>	<b>776,788</b>	<b>3,185,274</b>	<b>1,832,017</b>	<b>1,476,080</b>	<b>899,923</b>	<b>1,666,043</b>
2	Cereals.....dollars.	408,196	111,365	46,335	824,007	810,463	445,640	57,287	849,819
3	Other grains and seeds.....dollars.	7,709	445	22	3,920	18,605	421	8	471
4	Hay and forage.....dollars.	496,226	102,513	168,286	489,075	653,979	712,251	144,588	393,163
5	Vegetables.....dollars.	262,139	107,151	347,931	1,709,543	121,805	135,353	158,276	271,235
6	Fruits and nuts.....dollars.	125,952	100,859	46,082	119,770	104,173	113,030	84,754	89,155
7	All other crops.....dollars.	576,783	44,191	167,532	38,959	122,992	69,385	455,010	62,200
<b>SELECTED CROPS (acres and quantity)</b>									
<b>Cereals:</b>									
8	<b>Total</b> .....acres	<b>25,278</b>	<b>5,620</b>	<b>2,232</b>	<b>34,758</b>	<b>48,900</b>	<b>26,807</b>	<b>2,360</b>	<b>55,342</b>
9	Corn.....bushels	670,584	167,595	78,475	1,129,944	1,144,095	739,925	100,079	1,219,389
10	".....acres	11,020	4,043	1,363	24,940	18,748	10,616	1,947	20,500
11	Oats.....bushels	422,304	149,531	62,356	939,775	637,517	486,825	91,762	663,226
12	".....acres	6,663	101	151	1,111	12,547	7,050	159	12,900
13	Wheat.....bushels	131,697	2,817	2,090	21,319	214,532	134,224	3,821	237,625
14	".....acres	2,955	38	54	8,538	11,496	1,139	99	11,890
15	Barley.....bushels	48,820	713	1,204	166,538	195,798	16,815	1,973	198,538
16	".....acres	12	2	2	4	4	4	3	40
17	Buckwheat.....bushels	266	6	6	6	53	4	18	2,975
18	".....acres	1,479	13	263	6	260	3,392	375	42,566
19	Rye.....bushels	25,295	193	5,260	90	4,902	48,695	137	7,074
20	".....acres	3,119	1,420	399	163	5,792	4,696	2,148	77,394
21	<b>Other grains:</b>	<b>41,702</b>	<b>14,320</b>	<b>6,959</b>	<b>2,222</b>	<b>90,237</b>	<b>53,286</b>		
22	Dry edible beans.....bushels	13	6	1	9	7	5	17	107
23	".....acres	175	25	5	56	65	2	1	17
24	<b>Hay and forage:</b>	<b>27,442</b>	<b>6,912</b>	<b>8,087</b>	<b>26,436</b>	<b>38,694</b>	<b>41,191</b>	<b>6,209</b>	<b>23,107</b>
25	<b>Total</b> .....acres	<b>33,629</b>	<b>11,956</b>	<b>10,486</b>	<b>41,067</b>	<b>42,227</b>	<b>62,093</b>	<b>11,291</b>	<b>29,375</b>
26	All tame or cultivated grasses.....acres	24,310	3,413	7,319	20,358	37,903	37,993	22,235	25,525
27	Timothy alone.....acres	28,001	4,225	9,049	30,582	39,228	46,841	7,833	25,525
28	Timothy and clover mixed.....acres	10,115	533	2,925	2,354	17,058	13,243	3,276	4,903
29	Clover alone.....acres	12,641	682	4,287	3,217	18,060	15,747	5,161	5,598
30	".....tons	10,267	2,269	1,742	16,347	19,297	9,735	1,886	14,596
31	Alfalfa.....acres	11,124	2,746	2,234	24,895	19,199	12,470	2,303	16,657
32	".....tons	406	113	48	452	714	651	10	575
33	Millet or Hungarian grass.....acres	476	176	71	734	794	1,025	18	728
34	".....tons	150	5	2	15	106	37	62	15
35	Other tame or cultivated grasses.....acres	302	7	2	40	281	66	14	137
36	".....tons	34	8	65	37	178	254	31	46
37	Wild, salt, or prairie grasses.....acres	44	14	68	59	189	279	77	77
38	".....tons	3,338	485	2,537	1,153	550	14,073	321	2,053
39	Grains cut green.....acres	3,414	600	2,387	1,637	705	17,248	260	2,328
40	".....tons	2,065	3,375	267	4,639	242	755	124	295
41	Coarse forage.....acres	2,221	7,573	261	6,411	234	784	75	265
42	".....tons	511	118	167	393	207	191	263	75
43	Root forage.....acres	1,897	140	331	1,270	509	497	1,215	281
44	".....tons	547	6	334	1,096	339	2,226	283	496
45	Special crops:	1,436	18	845	2,804	2,211	13,390	2,168	3,218
46	Potatoes.....acres	9	74			3	26	6	86
47	".....bushels	1,910	753	743	10,111	833	1,222	438	2,613
48	Sweet potatoes and yams.....acres	117,225	59,875	46,198	1,303,088	58,372	96,913	17,748	197,264
49	".....bushels	2	189	3,460	1	1			
50	All other vegetables.....acres	141	14,896	42	459,592	149	4	4	65
51	Maple trees.....number	1,582	644	1,654	8,931	607	608	1,205	951
52	Maple sugar (made).....pounds			266		3	968		18
53	Maple sirup (made).....gallons			588			593		8
54				34		1	457		9
<b>FRUITS AND NUTS</b>									
<b>Orchard fruits:</b>									
56	<b>Total</b> .....trees	<b>159,752</b>	<b>40,840</b>	<b>25,149</b>	<b>89,873</b>	<b>148,711</b>	<b>129,686</b>	<b>40,264</b>	<b>133,999</b>
57	Apples.....bushels	119,372	34,886	32,009	91,078	80,198	142,709	57,393	79,706
58	".....trees	59,697	15,300	13,582	46,655	38,625	70,503	12,114	62,875
59	Peaches and nectarines.....bushels	88,133	19,640	26,554	67,284	50,673	114,261	33,883	56,551
60	".....trees	86,508	12,990	6,908	24,552	70,258	48,041	23,574	50,347
61	Pears.....bushels	25,707	7,342	3,685	9,487	16,185	22,665	20,313	15,064
62	".....trees	5,294	11,216	2,083	14,984	20,782	6,149	2,476	8,942
63	Plums and prunes.....bushels	2,214	6,574	1,826	13,355	7,096	3,804	2,002	3,062
64	".....trees	3,096	745	1,165	1,332	6,563	1,226	706	4,072
65	Cherries.....bushels	757	740	341	364	1,293	266	144	653
66	".....trees	3,621	490	986	2,162	11,560	3,312	1,068	5,538
67	Quinces.....bushels	1,709	530	469	535	4,538	1,424	819	2,946
68	".....trees	1,497	97	411	183	829	431	302	2,081
69	".....bushels	746	60	134	53	355	284	229	1,108
70	Grapes.....vines	5,327	673	3,852	64,944	28,168	6,768	3,306	1,341
71	<b>Small fruits:</b>	<b>117,518</b>	<b>10,165</b>	<b>38,955</b>	<b>311,860</b>	<b>245,881</b>	<b>47,182</b>	<b>45,775</b>	<b>23,576</b>
72	<b>Total</b> .....acres	<b>115</b>	<b>989</b>	<b>92</b>	<b>790</b>	<b>79</b>	<b>80</b>	<b>118</b>	<b>57</b>
73	Strawberries.....quarts	233,256	1,654,446	189,706	1,464,432	140,058	154,811	248,914	79,812
74	".....acres	81	130	59	748	42	51	102	26
75	Raspberries and loganberries.....quarts	203,842	266,710	155,999	1,413,481	94,580	127,491	234,711	40,838
76	".....acres	16	21	16	17	17	17	2	2
77	Blackberries and dewberries.....quarts	15,087	14,300	17,004	290	21,422	18,164	2,009	23,731
78	".....acres	10	12	39	17	7	7	2	7
79	Cranberries.....acres	9,180	17,045	12,584	48,518	19,852	5,028	1,800	5,585
80	".....quarts	3			1				
81	".....pounds	1,280	1,356,192		704	160	64		
82	Nuts.....trees	1,143	24	87	436	809	1,505	70	865
83	".....pounds	22,723	1,190	4,310	17,340	26,175	29,520	980	29,985

## AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	<b>Labor</b> .....Farms reporting.....dollars.	1,433	510	554	1,488	1,340	1,333	443	1,302
2	Cash expended.....dollars.	722,808	118,640	291,353	377,283	560,516	290,984	308,655	235,733
3	Rent and board furnished.....dollars.	143,141	42,236	113,929	160,267	164,964	105,054	62,766	105,054
4	<b>Fertilizer</b> .....Farms reporting.....dollars.	1,214	492	343	1,779	1,423	394	326	1,122
5	Amount expended.....dollars.	106,393	29,122	49,276	524,778	148,154	19,803	47,988	66,775
6	<b>Feed</b> .....Farms reporting.....dollars.	1,389	498	746	1,529	1,096	1,453	474	1,222
7	Amount expended.....dollars.	385,678	97,328	259,880	375,837	232,375	753,234	236,432	184,074
8	<b>Receipts from sale of feedable crops</b> .....dollars.	115,374	28,668	14,839	103,444	275,506	28,641	17,185	136,841

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

	THE STATE.	Atlantic.	Bergen.	Burling- ton.	Camden.	Cape May.	Cumber- land.	Essex.	Gloucester.	Hudson.	Hunter- don.	
1	Incllosures reporting domestic animals..	40,871	966	3,753	1,678	1,520	594	1,402	5,911	929	3,548	738
2	Value of domestic animals.....dollars..	17,523,864	413,854	1,257,071	437,966	690,524	139,346	312,489	3,699,943	244,246	3,557,693	177,359
3	<b>Cattle:</b>											
4	Total number.....	14,512	131	1,734	461	280	320	597	1,651	244	987	477
5	Value.....dollars..	680,397	5,220	91,211	20,372	12,711	12,861	23,140	89,383	11,462	63,920	13,636
6	Number of dairy cows.....	11,809	102	1,490	382	232	282	446	1,436	188	776	237
7	<b>Horses:</b>											
8	Total number.....	96,384	2,569	6,445	2,719	3,541	971	2,252	20,019	1,521	17,722	1,009
9	Value.....dollars..	10,476,601	396,268	1,146,306	402,454	645,891	123,555	275,238	3,548,011	227,050	3,402,821	157,859
10	Number of mature horses.....	96,235	2,568	6,438	2,711	3,535	967	2,249	20,005	1,517	17,719	994
11	<b>Mules and asses and burros:</b>											
12	Total number.....	1,574	60	45	66	132	13	56	328	14	148	9
13	Value.....dollars..	262,389	8,015	7,158	12,245	25,039	1,310	8,585	56,012	1,975	27,585	1,700
14	Number of mature mules.....	1,475	61	35	62	131	13	53	315	13	142	9
15	<b>Swine:</b>											
16	Total number.....	9,264	469	844	286	694	163	552	269	359	328	394
17	Value.....dollars..	84,425	4,112	6,288	2,800	5,761	1,588	5,388	2,553	3,690	2,190	3,940
18	<b>Sheep and goats:</b>											
19	Total number.....	2,318	30	851	14	120	3	19	462	9	133	17
20	Value.....dollars..	19,552	239	6,108	95	1,122	32	133	3,984	69	1,177	224

	Mercer.	Middle- sex.	Mon- mouth.	Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.	
1	Incllosures reporting domestic animals..	1,671	2,171	3,463	2,536	1,285	2,533	815	1,075	833	2,191	1,269
2	Value of domestic animals.....dollars..	776,458	608,280	1,176,753	803,026	296,854	1,068,425	185,405	341,282	191,119	870,784	274,987
3	<b>Cattle:</b>											
4	Total number.....	319	1,060	860	1,439	700	847	207	379	423	905	491
5	Value.....dollars..	15,180	47,929	43,012	58,221	27,259	41,539	9,012	16,646	15,475	44,883	17,825
6	Number of dairy cows.....	262	929	743	1,098	584	736	183	293	317	794	379
7	<b>Horses:</b>											
8	Total number.....	4,252	3,681	6,652	4,429	1,818	6,078	1,218	1,935	1,225	4,500	1,733
9	Value.....dollars..	745,734	542,443	1,118,674	731,374	256,081	1,005,817	170,964	320,949	164,869	791,576	242,667
10	Number of mature horses.....	4,248	3,674	6,640	4,409	1,816	6,068	1,212	1,932	1,218	4,586	1,729
11	<b>Mules and asses and burros:</b>											
12	Total number.....	76	81	54	57	37	94	12	17	50	166	50
13	Value.....dollars..	13,225	11,835	5,940	9,180	3,530	16,885	2,300	2,875	7,620	32,380	6,065
14	Number of mature mules.....	75	77	30	43	35	93	12	16	50	161	49
15	<b>Swine:</b>											
16	Total number.....	249	629	825	564	840	145	349	82	369	135	719
17	Value.....dollars..	2,042	5,615	8,304	4,099	9,929	2,109	3,103	669	3,140	1,428	5,077
18	<b>Sheep and goats:</b>											
19	Total number.....	40	73	83	17	8	251	5	28	1	105	49
20	Value.....dollars..	277	458	823	152	55	2,075	26	143	15	817	1,523

## CHAPTER 4.

# STATISTICS OF MANUFACTURES FOR THE STATE, CITIES, AND INDUSTRIES.

**Introduction.**—This chapter gives the statistics of manufactures for the state of New Jersey for the calendar year 1909, as shown by the Thirteenth Census.

The text summarizes the general results of the census inquiry, presenting a series of special tables in which the main facts printed in the general tables are given in convenient form for the state as a whole and for important industries. It also presents tables in which the statistics for the industries of the state as a whole and for a few important industries are classified by character of ownership, size of establishments, number of wage earners, and prevailing hours of labor, information which could not be presented in general tables for each industry without disclosing the facts for individual establishments.

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wage of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries (1) for the state as a whole and (2) for the cities of Bayonne, Camden, Elizabeth, Hoboken, Jersey City, Newark, Passaic, Paterson, and Trenton. It also gives the same items for all industries combined for every city, town, and borough having in 1910 a population of over 10,000 but less than 50,000.

Table II gives statistics in detail for 1909 for the state and for a larger number of industries.

Table III gives statistics in detail for 1909 for the 10 cities having 50,000 inhabitants or more, for all industries combined and selected industries and for each city having from 10,000 to 50,000 inhabitants for all industries combined.

**Scope of census: Factory industries.**—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes, it is imperative that due attention should be given to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits. These limitations will be fully discussed in the general report on manufactures for the United States as a whole.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a comparable basis by eliminating the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

**The establishment.**—The term "establishment" comprises the factories, mills, or plants which are under a common ownership or control, and for which one set of books of account is kept.

If, however, the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

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

**Selected industries.**—The general tables at the end of this chapter give the principal facts separately for the industries of the state. A selection has been made of the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted because it comprises so few establishments that these detailed presentations would reveal the operations of individual concerns.

**Comparisons with previous censuses.**—Owing to the changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. Table I, giving comparable figures for 1909, 1904, and 1899, therefore, does not embrace all the industries shown for 1909 in Table II.

**Influence of increased prices.**—In considering changes in cost of materials, value of products, and value added by manufacture, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures can not be taken as an exact measure of increase in the volume of business.

**Persons engaged in industry.**—At the censuses of 1909, 1904, and 1899 the following general classes of persons engaged in manufacturing industries have been distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents

and managers, (4) clerks, and (5) wage earners. In the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In the present census an entirely different grouping is employed: That into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical, and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15, or other representative day, has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

**Wage earners.**—In addition to the report by sex and age of the number of wage earners on December 15, or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners in the state as a whole, the following procedure has been adopted:

The percentage distribution by sex and age of the wage earners in each industry, for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. This percentage has been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for the state as a whole.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the total number under 16 years of age, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children (under 16) employed each month. These monthly returns by sex and age

were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

**Prevailing hours of labor.**—The census made no attempt to ascertain the number of employees working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one period to another are disregarded, and no attention is given to the fact that a limited number of employees may have hours differing from those of the majority. In the tables all the wage earners of each establishment are counted in the class within which the establishment itself falls. In most establishments, however, all or practically all the employees work the same number of hours, so that these figures give a substantially correct picture of the hours of labor in manufacturing industries.

**Capital.**—For reasons stated in prior census reports, the statistics of capital secured by the census canvass are so defective as to be without value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

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

**Materials.**—Cost of materials refers to the materials used during the year, which may be more or less than the materials purchased during the year. The term materials includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Fuel includes all fuel used, whether for heat, light, or power, or for the process of manufacture.

**Expenses.**—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, and allowances for depreciation.

**Value of products.**—The value of products for any industry includes the total value of all products manufactured in establishments whose products of chief value fall under the industry designation. The amounts given represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

**Value added by manufacture.**—The value of products is not a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing process carried on in the industry itself. Another part of it, and often by far the larger part, represents the value of the materials used, which have been produced by agriculture or mining or by other industrial establishments. For many purposes, therefore, the best measure of the importance of different classes of industry is the value created as the result of the manufacturing operations carried on within the industry. This value is obtained by deducting the cost of the materials consumed from the value of the product. The figure thus obtained is termed in the census reports "value added by manufacture."

There is a further statistical advantage which "value added" has over gross value of products. In combining the value of products for all industries the value of products produced by one establishment and used as materials in another is duplicated, and the total, therefore, gives a greatly exaggerated idea of the wealth created. No such duplication takes place in the total "value added by manufacture."

**Cost of manufacture and profits.**—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and de-

preciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products, the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

**Primary power.**—The figures given for this item show the total of the primary power used by the establishments. They do not cover the power developed by motors operated by such power, the inclusion of which would evidently result in duplication.

**Location of establishments.**—The Census Bureau has classified establishments by their location in cities or classes of cities. In interpreting these figures due consideration should be given to the fact that often establishments are located just outside the bound-

aries of cities, and are necessarily so classified, though locally they are looked upon as constituting a part of the manufacturing interests of the cities.

**Laundries.**—The census of 1909 was the first to include statistics of laundries. The reports are confined to establishments using mechanical power. The data are presented separately and are not included in the general total for manufacturing industries, in order to avoid interference with comparisons with prior censuses.

**Custom sawmills and gristmills.**—In order to make the statistics for 1909 comparable with those for 1904 the data for these mills have been excluded from all the tables presenting general statistics, and are given in a separate table at the end of this chapter.

## INDUSTRIES IN GENERAL.

**General character of the state.**—New Jersey, with a gross area of 8,224 square miles, of which 710 represent water surface, ranks forty-fifth in size among the 49 states and territories of continental United States. Its population in 1910 was 2,537,167, as compared with 1,883,669 in 1900 and 1,444,933 in 1890. It ranked eleventh among the states and territories as regards population in 1910 and sixteenth in 1900. New Jersey is the third most densely populated state in the Union, its density being 337.7 per square mile in 1910, the corresponding figure for 1900 being 250.7. Seventy-five and two-tenths per cent of the entire population of the state in 1910 resided in cities and other incorporated places having a population of 2,500 or over, as against 70.4 per cent in 1900.

In 1910 the state had 9 cities with a population of over 50,000: Newark, 347,469; Jersey City, 267,779; Paterson, 125,600; Trenton, 96,815; Camden, 94,538; Elizabeth, 73,409; Hoboken, 70,324; Bayonne, 55,545; and Passaic, 54,773. There were also 23 cities and other incorporated places with a population between 10,000 and 50,000. (See table on page 748.) These 32 places contained 64.5 per cent of the total population of the state in 1910 and reported 74.3 per cent of the total value of its manufactured products. Only 10.7 per cent of the population resided in incorporated places having between 2,500 and 10,000 inhabitants.

The industrial prominence of New Jersey is due largely to its exceptionally favorable geographic position and to its splendid transportation facilities, since a large part of the materials used in the manufacturing industries of the state are produced beyond its borders and most of the manufactured products are shipped to outside markets. The proximity of the state to the anthracite coal fields of Pennsylvania, which supply a large portion of the fuel used in its manufacturing industries, and to the markets of New York City and Philadelphia, have been powerful factors in its industrial development. The manufacturing centers of the state are either located on New York Harbor or connected therewith by water or by rail. A total trackage of 2,256 miles<sup>1</sup> of steam railroads was operated within the state in 1909.

**Importance and growth of manufactures.**—New Jersey is preeminently a manufacturing state. During 1849 an average of 37,830 wage earners, representing 7.7 per cent of the total population, were employed in manufactures, while in 1909 an average of 326,223, or 12.9 per cent of the total population, were so engaged. The total value of the manufactures of the state, including the products of the neighborhood and hand industries, amounted to only \$39,851,000 in 1849, while in 1909, exclusive of the value of the products of the neighborhood and hand industries, it reached \$1,145,529,000, or nearly twenty-nine times the value reported in 1849. The population of the state in 1910, however, was only a little more than five times its population in 1850. The gross value of products per capita of the total population of the state increased from \$81 in 1849 to \$451 in 1909. New Jersey reported 3.9 per cent of the total value of products of the manufacturing industries in the United States in 1849 and 5.5 per cent in 1909, holding sixth place among the states in gross value of manufactures at both censuses.

The table on the following page gives the most important figures relative to all classes of manufactures combined for 1909, 1904, and 1899, together with the percentages of increase from census to census.

In 1909 the state of New Jersey had 8,817 manufacturing establishments, which gave employment to an average of 371,265 persons during the year and paid out \$218,046,000 in salaries and wages. Of the persons employed, 326,223 were wage earners. These establishments turned out products to the value of \$1,145,529,000, to produce which materials costing \$720,033,000 were used. The value added by manufacture was thus \$425,496,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

In general, this table brings out the fact that the manufacturing industries of New Jersey had a greater development during the more recent five-year period, 1904-1909, than during the preceding five-year period, 1899-1904. During the more recent period the number of establishments increased 25.8 per cent and the average number of wage earners 22.5 per cent,

<sup>1</sup> Interstate Commerce Commission, Statistics of Railways in the United States, 1909.

while the value of products increased 47.9 per cent and the value added by manufacture 40 per cent. As pointed out in the Introduction, it would be improper to infer that manufactures increased in volume to the

full extent indicated by these figures representing values, since the increase shown is certainly due, in part, to the increase that has taken place in the price of commodities.

	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	8,817	7,010	6,415	25.8	9.3
Persons engaged in manufactures.....	371,265	296,262	(1)	25.3	-----
Proprietors and firm members.....	8,204	6,730	(1)	21.9	-----
Salaried employees.....	36,838	23,196	15,361	58.8	51.0
Wage earners (average number).....	326,223	266,336	213,975	22.5	24.5
Primary horsepower.....	612,293	436,274	322,503	40.3	35.3
Capital.....	\$977,172,000	\$715,060,000	\$477,302,000	36.7	49.8
Expenses.....	1,032,698,000	694,128,000	487,774,000	48.8	42.3
Services.....	218,046,000	157,126,000	114,223,000	38.8	37.6
Salaries.....	48,336,000	28,957,000	19,058,000	66.9	51.9
Wages.....	169,710,000	128,169,000	95,165,000	32.4	34.7
Materials.....	720,033,000	470,449,000	334,726,000	53.1	40.5
Miscellaneous.....	94,619,000	66,553,000	38,825,000	42.2	71.4
Value of products.....	1,145,529,000	774,369,000	553,006,000	47.9	40.0
Value added by manufacture (value of products less cost of materials).....	425,496,000	303,920,000	218,280,000	40.0	39.2

<sup>1</sup> Figures not available.

The relative importance and growth of the leading manufacturing industries of the state are shown in the table on page 637.

It should be borne in mind, in considering this table, that the value of products in some of the industries involves a certain amount of duplication due to the use of the product of one establishment in the industry as material for another establishment.

The table specifies 79 industries which in 1909 had products in excess of \$500,000 in value. Of the industries listed in the table, there are 3 whose products exceeded \$50,000,000 in value; 5, with products between \$25,000,000 and \$50,000,000; and 16, with products between \$10,000,000 and \$25,000,000; making an aggregate of 24 industries, with products in excess of \$10,000,000. Mention is also made of 19 other industries, with products between \$5,000,000 and \$10,000,000; 28, with products between \$1,000,000 and \$5,000,000; and 8, with products of less than \$1,000,000.

In addition to the industries presented separately in the table, there are 38 other important industries in the state which had products in 1909 exceeding \$1,000,000 in value, distributed as follows: 30, with \$1,000,000 but less than \$5,000,000; 3, with \$5,000,000 but less than \$10,000,000; and 5, with \$10,000,000 and over. These industries are included under the head of "All other industries" in the table, in some cases because the operations of individual establishments would be disclosed if they were shown separately; in others, because the returns do not properly present the true condition of the industry, for the reason that it is more or less interwoven with one or more other industries; and in still others, because comparative sta-

tics can not be presented for 1904 and 1899 on account of changes in classification.<sup>1</sup> Of the industries which are not presented separately, those which are of special importance are petroleum refining and the refining of cane sugar. The statistics for 1909, however, for 6 of these industries, namely, the manufacture of automobiles, including bodies and parts; blacking and cleansing and polishing preparations; chocolate and cocoa products; men's furnishing goods; signs and advertising novelties; and sulphuric, nitric, and mixed acids are presented separately in Table II, page 670.

There are, as already noted, a very large number of industries which are of considerable importance. Furthermore, it will be seen from Table II that there is a wide diversity in the manufacturing activities of the state. The leading products of the state are refined copper, silk goods, woolen goods, and foundry and machine-shop products. If the several textile industries are combined and considered as a unit they constitute the leading industry of the state. The principal details concerning some of the more important industries are specially considered on pages 638 to 640.

<sup>1</sup> These industries are:

Automobiles, including bodies and parts.	Lard, refined, not made in slaughtering and meat-packing establishments.
Babbitt metal and solder.	Mineral and soda waters.
Bags, other than paper.	Moving pictures.
Blacking and cleansing and polishing preparations.	Oil, cottonseed, and cake.
Boots and shoes, rubber.	Paving materials.
Chocolate and cocoa products.	Pencils, lead.
Coffee and spice, roasting and grinding.	Petroleum, refining.
Coke.	Phonographs and graphophones.
Dyestuffs and extracts.	Pipes, tobacco.
Drug grinding.	Roofing materials.
Explosives.	Sewing machines, cases, and attachments.
Firearms and ammunition.	Signs and advertising novelties.
Files.	Smelting and refining, lead.
Food preparations.	Sugar refining, not including beet sugar.
Furnishing goods, men's.	Sulphuric, nitric, and mixed acids.
Glucose and starch.	Upholstering materials.
Grease and tallow.	Window shades and fixtures.
Hat and cap materials.	Wirework, including wire rope and cable.
Iron and steel, blast furnaces.	
Iron and steel pipe, wrought.	



INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. <sup>1</sup>			
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	Value of products.		Value added by manufacture.	
								1904-1909	1899-1904	1904-1909	1899-1904
All industries	8,817	326,223	100.0	\$1,145,529,000	100.0	\$425,496,000	100.0	47.9	40.0	40.0	39.2
Smelting and refining, copper	4	2,322	0.7	125,651,000	11.0	6,715,000	1.6	100.1	63.7	68.5	-31.5
Silk and silk goods, including throwsters.	348	30,285	9.3	65,430,000	5.7	32,165,000	7.6	52.6	7.2	56.7	11.9
Foundry and machine-shop products.	591	27,815	8.5	65,398,000	5.7	35,458,000	8.3	29.4	36.5	19.2	48.8
Slaughtering and meat packing.	84	1,817	0.6	37,583,000	3.3	3,843,000	0.9	111.7	24.9	128.3	34.6
Woolen, worsted, and felt goods, and wool hats	33	12,652	3.9	33,939,000	3.0	12,906,000	3.0	107.0	33.6	123.8	24.2
Wire	7	5,646	1.7	28,853,000	2.5	6,560,000	1.5	.....	.....	.....	.....
Leather, tanned, curried, and finished	86	5,560	1.7	28,431,000	2.5	8,233,000	1.9	32.3	56.4	32.3	47.7
Electrical machinery, apparatus, and supplies.	69	11,099	3.4	28,365,000	2.5	13,939,000	3.3	105.5	83.2	101.1	73.5
Tobacco manufactures	462	9,466	2.9	24,177,000	2.1	13,381,000	3.1	120.0	5.3	86.4	2.7
Chemicals	50	5,046	1.5	22,824,000	2.0	10,567,000	2.5	75.2	6.7	65.3	22.7
Liquors, malt	33	2,125	0.7	20,184,000	1.8	15,303,000	3.6	15.7	21.3	12.6	17.1
Bread and other bakery products	1,217	4,936	1.5	20,086,000	1.7	7,891,000	1.9	48.8	65.0	48.9	46.3
Rubber goods, not elsewhere specified	36	4,255	1.3	19,543,000	1.7	6,511,000	1.5	304.1	-42.8	246.9	-32.0
Dyeing and finishing textiles	67	10,129	3.1	15,796,000	1.4	9,443,000	2.2	31.9	14.2	36.3	15.9
Cotton goods, including cotton small wares	26	6,638	2.0	13,729,000	1.2	5,164,000	1.2	60.0	23.8	50.3	-8.9
Soap	21	1,599	0.5	13,674,000	1.2	6,590,000	1.5	240.3	.....	233.7	.....
Lumber and timber products.	416	4,857	1.5	13,811,000	1.2	5,501,000	1.3	68.9	14.3	56.9	5.9
Jewelry	150	4,008	1.2	13,272,000	1.1	6,978,000	1.6	42.6	26.1	49.8	31.2
Pottery, terra-cotta, and fire-clay products.	88	9,815	3.0	13,139,000	1.1	9,588,000	2.3	12.1	31.0	9.4	33.6
Paint and varnish	63	1,493	0.5	12,767,000	1.1	4,541,000	1.1	83.2	12.1	53.7	23.7
Printing and publishing	684	5,451	1.7	12,333,000	1.1	8,861,000	2.1	43.0	41.3	39.7	43.1
Iron and steel, steel works and rolling mills.	16	4,671	1.4	12,014,000	1.0	5,379,000	1.3	.....	.....	.....	.....
Copper, tin, and sheet-iron products.	175	5,002	1.5	11,114,000	1.0	4,942,000	1.2	77.3	132.9	40.7	127.3
Oilcloth and linoleum	10	2,123	0.7	10,143,000	0.9	3,505,000	0.8	86.3	91.4	97.1	60.2
Clothing, men's, including shirts	150	6,994	2.1	9,865,000	0.9	4,789,000	1.1	32.8	29.1	19.4	21.7
Gas, illuminating and heating	47	1,917	0.6	9,837,000	0.9	6,982,000	1.6	54.4	69.1	44.0	62.6
Cars and general shop construction and repairs by steam-railroad companies.	23	6,604	2.0	9,819,000	0.9	5,185,000	1.2	42.3	37.0	41.5	34.2
Beltting and hose, woven and rubber	12	2,295	0.7	9,793,000	0.8	3,822,000	0.9	-11.5	295.3	-10.3	358.1
Smelting and refining, not from the ore.	14	1,067	0.3	9,598,000	0.8	2,371,000	0.6	.....	.....	.....	.....
Shipbuilding, including boat building	97	4,869	1.5	8,841,000	0.8	4,592,000	1.1	14.3	60.8	7.5	49.4
Hats, fur-felt	58	4,657	1.4	8,825,000	0.8	4,713,000	1.1	-7.5	32.3	-11.3	48.7
Boots and shoes, including cut stock and findings.	53	4,232	1.3	8,042,000	0.7	3,315,000	0.8	6.0	0.9	-2.2	10.7
Oil, not elsewhere specified	23	419	0.1	7,851,000	0.7	1,655,000	0.4	106.4	62.4	128.3	47.7
Fertilizers	22	1,208	0.4	7,672,000	0.7	1,987,000	0.5	35.7	31.7	15.3	50.6
Paper and wood pulp	37	2,223	0.7	7,554,000	0.7	2,785,000	0.7	49.8	57.8	37.8	36.6
Glass	23	5,651	1.7	6,961,000	0.6	4,962,000	1.2	7.9	26.6	8.0	27.4
Millinery and lace goods	179	4,120	1.3	6,895,000	0.6	3,710,000	0.9	.....	.....	.....	.....
Clothing, women's	99	4,216	1.3	5,927,000	0.5	3,072,000	0.7	40.5	64.7	50.2	45.6
Gas and electric fixtures and lamps and reflectors.	28	1,884	0.6	5,771,000	0.5	2,421,000	0.6	64.5	36.6	63.4	-8.5
Flour-mill and gristmill products	238	483	0.1	5,538,000	0.5	977,000	0.2	1.3	2.7	3.2	7.6
Cordage and twine and jute and linen goods	12	3,025	0.9	5,527,000	0.5	1,631,000	0.4	64.0	14.0	24.4	9.6
Patent medicines and compounds and druggists' preparations	111	1,005	0.3	5,410,000	0.5	3,321,000	0.8	45.8	135.7	38.7	132.5
Brass and bronze products	66	1,265	0.4	5,131,000	0.4	1,776,000	0.4	36.7	13.1	26.9	65.1
Gold and silver, reducing and refining, not from the ore.	8	112	( <sup>2</sup> )	4,496,000	0.4	525,000	0.1	-16.0	134.5	17.4	179.4
Confectionery	71	1,263	0.4	4,116,000	0.4	1,683,000	0.4	101.5	475.5	59.5	517.0
Brick and tile	76	3,405	1.0	4,073,000	0.4	3,229,000	0.8	122.6	-0.9	116.3	-2.2
Leather goods	99	1,813	0.6	4,005,000	0.3	1,865,000	0.4	-4.9	20.7	-10.0	10.3
Marble and stone work	131	1,479	0.5	3,901,000	0.3	2,523,000	0.6	59.9	9.8	60.2	16.9
Clocks and watches, including cases and materials.	9	2,129	0.7	3,845,000	0.3	2,119,000	0.5	-0.6	102.2	-7.4	129.0
Hosiery and knit goods	37	2,506	0.8	3,810,000	0.3	1,984,000	0.5	49.5	43.0	70.0	51.4
Cement	3	1,445	0.4	3,725,000	0.3	1,672,000	0.4	27.4	.....	57.4	.....
Canning and preserving	84	1,818	0.6	3,664,000	0.3	1,456,000	0.3	36.1	-23.5	46.8	-20.6
Furniture and refrigerators	49	1,755	0.5	3,614,000	0.3	1,917,000	0.4	132.1	69.6	100.3	67.9
Corsets	11	1,845	0.6	3,336,000	0.3	2,031,000	0.5	59.4	60.5	43.9	94.6
Carriages and wagons and materials.	256	1,601	0.5	3,250,000	0.3	1,970,000	0.5	-6.1	-11.6	-6.7	-8.4
Cooperage and wooden goods, not elsewhere specified	43	1,046	0.3	3,230,000	0.3	902,000	0.2	303.2	13.3	141.2	4.5
Silverware and plated ware	26	1,296	0.4	3,035,000	0.3	1,902,000	0.4	-2.2	44.7	-3.3	52.4
Surgical appliances and artificial limbs	11	1,412	0.4	2,991,000	0.3	1,742,000	0.4	41.9	75.7	73.5	59.9
Wall paper	8	1,782	0.2	2,872,000	0.2	1,372,000	0.3	37.2	38.9	29.2	110.7
Buttons	64	2,261	0.7	2,750,000	0.2	1,567,000	0.4	72.7	55.2	63.6	52.8
Cutlery and tools, not elsewhere specified	70	2,208	0.7	2,735,000	0.2	1,886,000	0.4	15.4	2.8	24.9	2.6
Boxes, fancy and paper	46	2,142	0.7	2,675,000	0.2	1,489,000	0.4	103.0	46.9	94.6	53.3
Paper goods, not elsewhere specified	19	563	0.2	2,640,000	0.2	943,000	0.2	115.5	4.9	179.0	-20.1
Musical instruments, pianos and organs and materials.	18	1,393	0.4	2,229,000	0.2	1,153,000	0.3	50.9	10.9	40.6	6.6
Carpets and rugs, other than rag	9	884	0.3	1,945,000	0.2	1,047,000	0.2	11.2	14.8	36.0	17.6
Brooms and brushes	33	915	0.3	1,905,000	0.2	954,000	0.2	172.5	-13.0	144.0	-3.2
Fancy articles, not elsewhere specified	31	1,112	0.3	1,841,000	0.2	1,013,000	0.2	-16.5	-7.8	-24.5	5.9
Stoves and furnaces, including gas and oil stoves.	8	696	0.2	1,688,000	0.1	1,114,000	0.3	11.2	.....	3.3	.....
Ice, manufactured	59	456	0.1	1,497,000	0.1	1,111,000	0.3	131.0	65.3	133.4	67.6
Mattresses and spring beds	23	496	0.2	1,323,000	0.1	515,000	0.1	81.7	67.4	82.0	53.0
Cars and general shop construction and repairs by street-railroad companies.	15	826	0.3	1,158,000	0.1	544,000	0.1	55.0	96.1	96.4	43.5
Dairymen's, poultryers', and apiarists' supplies	7	296	0.1	954,000	0.1	724,000	0.2	984.1	.....	1,440.0	.....
Artificial stone	97	488	0.1	899,000	0.1	565,000	0.1	813.8	.....	796.8	.....
Cork, cutting	10	418	0.1	791,000	0.1	381,000	0.1	108.2	62.4	101.6	107.7
Agricultural implements	10	224	0.1	755,000	0.1	428,000	0.1	92.6	56.8	56.2	104.5
Typewriters and supplies	8	272	0.1	740,000	0.1	462,000	0.1	134.9	-57.7	143.2	-63.0
Musical instruments and materials, not specified	7	385	0.1	635,000	0.1	427,000	0.1	-26.4	-1.9	-21.7	5.8
Wall plaster	5	178	0.1	613,000	0.1	281,000	0.1	200.5	.....	195.8	.....
Coffins, burial cases, and undertakers' goods	7	212	0.1	521,000	( <sup>2</sup> )	256,000	0.1	15.0	15.0	12.8	2.3
All other industries	1,321	47,187	14.4	250,551,000	21.8	71,714,000	16.9	.....	.....	.....	.....

<sup>1</sup> Percentages are based on figures in Table I; a minus sign (-) denotes decrease. Where the percentages are omitted, comparable figures can not be given.

<sup>2</sup> Less than one-tenth of 1 per cent.

*Textiles.*—The textile industries of New Jersey comprise the manufacture of silk and silk goods, including the operations of throwsters; woolen, worsted, and felt goods, and wool hats; cotton goods, including cotton small wares; fur-felt hats; cordage and twine and jute and linen goods; hosiery and knit goods; carpets and rugs, other than rag; and shoddy. The statistics for the manufacture of shoddy can not be shown without disclosing the operations of individual establishments. Combined, the other seven industries gave employment in 1909 to an average of 60,647 wage earners and the value of their products amounted to \$133,205,000. These figures represent an increase over 1904 of 9,670, or 19 per cent, in the average number of wage earners and \$48,160,000, or 56.6 per cent, in value of products. From 1899 to 1904 the gain in number of wage earners was 4,177, or 8.9 per cent, and that in value of products \$12,405,000, or 17.1 per cent. In 1909, 18.6 per cent of the total number of wage earners employed in the manufacturing industries of the state and 11.6 per cent of the total value of manufactured products were reported for these industries. The corresponding figures for 1904 were 19.1 per cent and 11 per cent, respectively.

*Dyeing and finishing textiles.*—Closely allied to the textile industry is the dyeing and finishing of textiles. The classification covers the independent establishments bleaching, dyeing, and mercerizing raw fibers, yarns, and woven cloth, as well as the printing of cotton piece goods. A considerable number of the cotton, silk, and woolen mills carry on one or more of these subordinate processes with the primary manufacturing in the same establishment, therefore the statistics for the independent establishments engaged in dyeing and finishing do not represent the full extent of the industry. In 1909 reports for some of the dyeing and finishing establishments in the state included the cost of the materials upon which the work was performed and its value as finished. In such cases the cost and value of these goods were deducted, in order to place all of the reports on a uniform basis and to make the statistics comparable with those for prior censuses, when the value of products represented only the value added to the materials by the processes. From 1904 to 1909 the average number of wage earners in the industry increased 2,532, or 33.3 per cent, and the value of products \$3,816,000, or 31.9 per cent. In 1904 New Jersey was the first state in the Union in this industry, with products valued at \$11,980,000, but although the value of products had increased to \$15,796,000 in 1909, it then held second place.

*Smelting and refining, copper.*—This industry is confined chiefly in New Jersey to the refining of crude copper. The value of all ore smelted and crude copper refined is included in the cost of materials, and the total value of all products is reported, regardless of whether the materials belonged to the plant reporting or were worked on a toll basis. Measured by value of products, the industry was by far the most impor-

tant in the state in 1909, the value of the output (\$125,651,000) representing 11 per cent of the total value of all manufactured products. From 1904 to 1909 the value of products increased \$62,855,000, or 100.1 per cent, and from 1899 to 1904 the increase was \$24,431,000, or 63.7 per cent. New Jersey ranked first among the states in this industry in 1909, 1904, and 1899.

*Foundry and machine-shop products.*—This classification includes foundries and machine shops and all allied industries except those which manufacture a distinctive product which is covered by some other classification, such as cash registers and calculating machines, sewing machines, and electrical machinery. The establishments engaged in the manufacture of gas meters, hardware, plumbers' supplies, steam fittings, structural ironwork, and cast-iron pipe, nearly all of which were reported under separate classifications at previous censuses, are all included under this general heading. The industry showed a relatively greater increase in value of products from 1899 to 1904 than from 1904 to 1909, the percentages being 36.5 and 29.4, respectively.

*Slaughtering and meat packing.*—Under this head are included the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage only. From 1899 to 1904 the average number of wage earners increased but 154, or 26.1 per cent, and the value of products \$3,539,000, or 24.9 per cent, but the development of the industry was so rapid during the later five-year period, 1904-1909, that the average number of wage earners increased 1,072, or 143.9 per cent, and the value of products \$19,829,000, or 111.7 per cent. The industry is confined largely to the northern part of the state, 59.4 per cent of the total value of products being reported from Jersey City alone.

*Wire.*—This classification includes establishments primarily engaged in drawing wire from purchased wire rods. It does not include the wire product of the wire departments of steel works and rolling mills. The industry shows a remarkable growth for each of the five-year periods.

*Leather, tanned, curried, and finished.*—This industry includes not only establishments which are engaged primarily in the manufacture of leather, but also those which treat hides or skins for others. The cost of materials and the value of products, however, do not include the value of the hides or skins treated under contract. In 1849 New Jersey was the seventh state of the Union with respect to value of products, reporting 143 establishments, which employed an average of 618 wage earners and turned out products valued at \$1,389,582. In 1909 the state held fourth position, in which year, although only 86 establishments were engaged in the industry, the number of wage earners was nearly nine times as great and the value of products more than twenty times as great as in 1849.

*Electrical machinery, apparatus, and supplies.*—The rapid extension of the uses of electricity in science and industry has created an increasing demand for

appliances with which to utilize such energy. Therefore it was to be expected that the industry would show remarkable development during the decade. Measured by value of products, New Jersey held third place among the states in this industry in 1909, with products valued at \$28,365,000, an increase over 1904 of \$14,562,000, or 105.5 per cent, and for the 10-year period 1899 to 1909 an increase of \$20,832,000, or 276.5 per cent.

*Chemicals.*—This classification includes the manufacture of acids (except sulphuric, nitric, and mixed acids), sodas, alums, coal-tar products, cyanides, bleaching materials, plastics (celluloid, etc.), compressed or liquefied gases, alkaloids, etc., when they are made as a chief product by the establishment reporting. Chemicals manufactured as by-products in establishments classified under a different head are not included. In 1909 the industry gave employment to 5,046 wage earners, an increase of 1,449, or 40.3 per cent, over the number reported for 1904, and during the same period the value of products increased \$9,800,000, or 75.2 per cent. New Jersey held second rank in this industry in the United States both in 1904 and in 1909.

*Manufactures from precious metals.*—The manufacture of jewelry is allied closely to the production of silverware and plated ware and the reducing and refining of gold and silver from clippings, sweepings, and scrap. In 1909 these three industries combined employed an average of 5,416 wage earners, and turned out products valued at \$20,743,000. The most important branch of the industry is the manufacture of jewelry, which gave employment to an average of 4,008 wage earners in 1909 and reported products to the value of \$13,272,000. Measured by value of products, New Jersey ranked fourth among the states in the jewelry industry in 1909.

*Rubber goods, not elsewhere specified.*—This classification includes the manufacture of rubber clothing, automobile, carriage, and bicycle tires, mechanical rubber goods, etc. It does not include the manufacture of rubber boots and shoes, rubber belting and hose, or suspenders, garters, and elastic woven goods. Although there was a decline in value of products from 1899 to 1904 of \$3,622,000, or 42.8 per cent, there was an increase of \$11,085,000, or 131.1 per cent, for the 10-year period from 1899 to 1909. New Jersey held second place among the states in this industry in 1909.

*Soap.*—The manufacture of soap is an important industry, in which the state held fourth place among the states in 1909, advancing from fifth place in 1904. In 1909 this industry gave employment to an average of 1,599 wage earners and reported products to the value of \$13,674,000, these figures representing increases over the corresponding figures for 1904 of 158.3 per cent and 240.3 per cent, respectively.

*Pottery, terra-cotta, and fire-clay products.*—The name of New Jersey is intimately associated with this industry, and the state held second rank among the states in the industry at the censuses of 1909, 1904, and

1899. From 1904 to 1909 the average number of wage earners increased 3.5 per cent and the value of products 12.1 per cent, the corresponding increases from 1899 to 1904 being 16.9 per cent and 31 per cent, respectively.

*Paint and varnish.*—Of the 63 establishments included under this classification in 1909, 37 were engaged primarily in the manufacture of paint, with products valued at \$7,486,000, representing 58.6 per cent of the total for the industry as a whole. From 1904 to 1909 there was an increase in the average number of wage earners of 533, or 55.5 per cent, and in the value of products of \$5,800,000, or 83.2 per cent. Measured by value of products, New Jersey was one of the leading states in the manufacture of paint and varnish at each of the last three censuses, reporting 10.2 per cent of the total value of such products for the United States in 1909, 7.7 per cent in 1904, and 8.9 per cent in 1899.

*Oilcloth and linoleum.*—New Jersey leads all other states in the production of oilcloth and linoleum, with 43.5 per cent of the value of such products in 1909 and 36.8 per cent in 1904. The value of products reported for the industry in the state, as presented in Table I, shows an increase of \$4,699,000, or 86.3 per cent, from 1904 to 1909. A comparison of the statistics for 1909 and 1899 shows that during the decade the average number of wage earners increased 1,260, or 146 per cent; the value of products, \$7,298,000, or 256.5 per cent; and the value added by manufacture, \$2,395,000, or 215.8 per cent.

It will be seen from the table on page 637 that some of the industries that stand very high in gross value of products hold a comparatively low rank in the average number of wage earners employed and in value added by manufacture. Where this is the case it indicates that the cost of materials represents a large proportion of the total value of products, and that therefore the value added by manufacture, of which wages constitute usually the largest item, is not commensurate with the total value of products. Thus the smelting and refining of copper, which ranks first in gross value of products, and the slaughtering and meat-packing industry, which ranks fourth in that respect, hold thirtieth and forty-fourth places, respectively, with regard to number of wage earners, and fifteenth and twenty-ninth places, respectively, when ranked by value added by manufacture. Similar conditions exist in the wire industry, the manufacture of paint and varnish, and a considerable number of less important industries.

On the other hand, the foundry and machine-shop industry, which ranks third in value of products, ranks first in value added by manufacture and second in number of wage earners; the manufacture of silk goods ranks second both in value of products and in value added by manufacture, and first in number of wage earners; the woolen-goods industry ranks fifth in value of products, sixth in value added by manu-

facture, and third in number of wage earners; while the manufacture of electrical machinery, apparatus, and supplies, and tobacco manufactures both rank higher in value added by manufacture and in number of wage earners than in value of products.

This table shows the percentages of increase or decrease for each industry in value of products and value added by manufacture where comparable statistics are presented in Table I, page 660. Most industries show an increase in both items for each five-year period. Exceptionally large percentages of increase in value of products from 1904 to 1909 are shown for the manufacture of dairymen's, poulterers', and apiarists' supplies, and artificial stone, and from 1899 to 1904 for confectionery. Of the other industries showing large increases during one or both five-year periods, the more important are the smelting and refining of copper; slaughtering and meat packing; the manufacture of woolen, worsted, and felt goods, and wool hats; electrical machinery, apparatus, and supplies; tobacco manufactures; rubber goods; soap; and copper, tin, and sheet-iron products.

Important exceptions to the general increase in the various industries are the manufacture of carriages and wagons and materials, which decreased both in value of products and in value added by manufacture for each five-year period, and the manufacture of fancy articles and of musical instruments and materials not specified, each of which shows a decrease in value of products for both periods and a decrease in value added by manufacture for the period 1904-1909. Five other industries show decreases from 1904 to 1909 in both value of products and value added by manufacture, one a decrease in value of products only, and one a decrease in value added by manufacture only, while for the period 1899-1904 five other industries show decreases in both items, two decreases in value of products only, and four show decreases in value added by manufacture only. The apparent decrease in value of products reported for the more recent period for the steel works and rolling mills, as shown in Table I, page 661, was due largely to a change in the classification. At the census of 1904 the reports for establishments which combined the manufacture of iron and steel and of wire included both branches of the industry, the returns being classified as "Iron and steel, steel works and rolling mills." At the census of 1909 separate reports were made by some of these companies for their wire mills, and such reports were classified as "Wire." This has resulted in a decrease in the amounts reported for steel works and rolling mills at the census of 1909, as compared with 1904, and an increase in the totals for wire. If the two industries, however, are combined for both censuses, the increase in the value of products becomes 31.1 per cent.

Persons engaged in manufacturing industries.—The following table shows, for 1909, the distribution of the number of persons engaged in manufactures, the aver-

age number of wage earners being distributed by sex and age. It should be borne in mind, however, that the sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the Introduction.

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
All classes.....	371,265	278,968	92,297
Proprietors and officials.....	17,581	17,043	538
Proprietors and firm members.....	8,204	7,924	280
Salaried officers of corporations.....	4,147	4,056	91
Superintendents and managers.....	5,230	5,063	167
Clerks.....	27,461	21,652	5,809
Wage earners (average number).....	326,223	240,273	85,950
16 years of age and over.....	318,685	236,499	82,186
Under 16 years of age.....	7,538	3,774	3,764

The average number of persons engaged in manufactures during 1909 was 371,265, of whom 326,223 were wage earners. Of the remainder, 17,581 were proprietors and officials and 27,461 were clerks. Corresponding figures for individual industries will be found in Table II, page 670.

The following table shows, for 1909, the percentage of proprietors and officials, clerks, and wage earners, respectively, among the total number of persons employed in manufactures. It covers all industries combined and 35 important industries individually:

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number)
All industries.....	371,265	4.7	7.4	87.9
Belting and hose, woven and rubber.....	2,583	2.1	9.0	88.8
Boots and shoes, including cut stock and findings.....	4,602	3.4	4.6	92.0
Bread and other bakery products.....	6,966	22.7	6.4	70.0
Cars and general shop construction and repairs by steam-railroad companies.....	7,639	6.9	6.7	86.5
Chemicals.....	5,937	3.7	11.4	85.0
Clothing, men's, including shirts.....	7,680	3.9	5.1	91.1
Copper, tin, and sheet-iron products.....	5,575	5.7	4.6	89.7
Cotton goods, including cotton small wares.....	6,894	1.4	2.3	95.3
Dyeing and finishing textiles.....	10,722	1.8	3.7	94.5
Electrical machinery, apparatus, and supplies.....	13,024	2.5	12.3	85.2
Fertilizers.....	1,384	4.1	8.6	87.3
Foundry and machine-shop products.....	32,076	4.3	9.0	86.7
Gas, illuminating and heating.....	2,804	5.0	26.7	68.4
Hats, fur-felt.....	5,104	4.1	4.6	91.2
Iron and steel, steel works and rolling mills.....	5,228	2.0	8.7	89.3
Jewelry.....	4,945	7.8	11.1	81.1
Leather, tanned, curried, and finished.....	6,040	3.9	4.1	92.1
Liquors, malt.....	2,634	5.1	14.2	80.7
Lumber and timber products.....	5,745	11.0	4.5	84.5
Oil, not elsewhere specified.....	765	8.6	36.6	54.8
Oilcloth and linoleum.....	2,264	1.7	4.5	93.8
Paint and varnish.....	2,143	7.9	22.4	69.7
Paper and wood pulp.....	2,445	3.8	5.3	90.9
Pottery, terra-cotta, and fire-clay products.....	10,542	2.7	4.2	93.1
Printing and publishing.....	7,364	12.9	13.1	74.0
Rubber goods, not elsewhere specified.....	4,860	2.5	9.9	87.6
Shipbuilding, including boat building.....	5,533	5.2	6.8	88.0
Silk and silk goods, including throwsters.....	32,365	2.5	3.9	93.6
Slaughtering and meat packing.....	2,420	7.2	17.7	75.1
Smelting and refining, copper.....	2,564	2.3	7.1	90.6
Smelting and refining, not from the ore.....	1,194	2.3	9.1	88.5
Soap.....	2,301	2.9	27.6	69.5
Tobacco manufactures.....	10,610	6.6	4.2	89.2
Wire.....	6,255	0.8	9.0	90.3
Woolen, worsted, and felt goods, and wool hats.....	13,119	0.9	2.6	90.4
All other industries.....	126,939	5.1	7.5	87.4

Of the total number of persons engaged in all manufacturing industries, 4.7 per cent were proprietors and officials, 7.4 per cent clerks, and 87.9 per cent wage earners. The highest percentage of proprietors and officials is shown for the bakeries. In this industry and in the lumber and the printing and publishing industries the majority of the establishments are small and the work is done to a large extent by the proprietors or their immediate representatives, so that the proportion of persons engaged in these industries falling into the class of proprietors and officials is much higher than for most other industries or for all industries combined. The highest proportion of wage earners is reported for the woolen and worsted goods industry, and the lowest for establishments engaged in the manufacture of oils, "not elsewhere specified," which industry shows the largest percentage of clerks.

The following table shows, for 1909, in percentages, for all industries combined, the distribution of the average number of wage earners by age periods, and for those 16 years of age and over by sex, calculated in the manner described in the Introduction. It also shows, for some of the important industries separately, a similar distribution of wage earners as reported for December 15, or the nearest representative day. As a means of judging the importance of the several industries the average number employed for the year is also given in each case.

INDUSTRY.	WAGE EARNERS.			
	Average number. <sup>1</sup>	Per cent of total.		
		16 years of age and over.		Under 16 years of age.
		Male.	Female.	
<b>All industries</b> .....	326,223	72.5	25.2	2.3
Belting and hose, woven and rubber.....	2,295	86.1	13.5	0.4
Boots and shoes, including cut stock and findings.....	4,232	60.8	36.3	2.9
Bread and other bakery products.....	4,936	93.7	4.9	1.4
Cars and general shop construction and repairs by steam-railroad companies.....	6,604	99.1	0.8	( <sup>2</sup> )
Chemicals.....	5,046	90.3	8.7	1.0
Clothing, men's, including shirts.....	6,994	31.5	66.3	2.1
Copper, tin, and sheet-iron products.....	5,002	80.0	15.1	4.9
Cotton goods, including cotton small wares.....	6,638	38.1	52.9	8.9
Dyeing and finishing textiles.....	10,129	85.6	13.4	1.1
Electrical machinery, apparatus, and supplies.....	11,099	59.9	39.3	0.7
Fertilizers.....	1,208	98.5	1.2	0.2
Foundry and machine-shop products.....	27,815	96.5	2.8	0.7
Gas, illuminating and heating.....	1,917	99.9	0.1	.....
Hats, fur-felt.....	4,657	77.6	20.7	1.7
Iron and steel, steel works and rolling mills.....	4,671	99.4	0.5	0.1
Jewelry.....	4,008	72.4	23.4	4.1
Leather, tanned, curried, and finished.....	5,560	97.3	1.0	1.7
Liquors, malt.....	2,125	99.4	( <sup>2</sup> )	0.5
Lumber and timber products.....	4,857	98.2	1.2	0.6
Oil, not elsewhere specified.....	419	91.9	7.9	0.2
Oilcloth and linoleum.....	2,123	97.9	0.7	1.4
Paint and varnish.....	1,493	92.2	7.6	0.1
Paper and wood pulp.....	2,223	91.5	7.2	1.3
Pottery, terra-cotta, and fire-clay products.....	9,815	87.7	11.3	1.0
Printing and publishing.....	5,451	81.5	16.5	2.0
Rubber goods, not elsewhere specified.....	4,255	85.9	12.4	1.7
Shipbuilding, including boat building.....	4,869	100.0	( <sup>2</sup> )	.....
Silk and silk goods, including throwsters.....	30,285	43.5	52.9	3.6
Slaughtering and meat packing.....	1,817	95.7	4.2	0.1
Smelting and refining, copper.....	2,322	100.0	.....	.....
Smelting and refining, not from the ore.....	1,057	100.0	.....	.....
Soap.....	1,599	66.4	31.1	2.4
Tobacco manufactures.....	9,466	24.7	70.2	5.0
Wire.....	5,646	91.8	7.7	0.5
Woolen, worsted, and felt goods, and wool hats.....	12,652	44.5	50.9	4.5
All other industries.....	110,938	69.6	27.8	2.6

<sup>1</sup> For method of estimating the distribution, by sex and age periods, of the average number in all industries combined, see Introduction.  
<sup>2</sup> Less than one-tenth of 1 per cent.

In all industries combined, 72.5 per cent of the average number of wage earners were males 16 years of age and over; 25.2 per cent, females 16 years of age and over; and 2.3 per cent, children under the age of 16. Of the total number of women employed as wage earners, 31.6 per cent were in the cotton-goods, silk-goods, and woolen and worsted goods industries, over one-half of the employees in each of these industries being women 16 years of age and over. The manufacture of boots and shoes, men's clothing, electrical machinery, and tobacco products each shows a large proportion of female wage earners, 36.3 per cent, 66.3 per cent, 39.3 per cent, and 70.2 per cent, respectively.

The three textile industries above mentioned together employed 30 per cent of the total number of wage earners under 16 years of age. The proportions of such wage earners engaged in each industry were as follows: Cotton goods, 8.9 per cent; silk goods, 3.6 per cent; and woolen and worsted goods, 4.5 per cent.

In order to compare the distribution of persons engaged in manufactures in 1909 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See Introduction.) The following table makes this comparison according to occupational status:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				Per cent of increase, 1904-1909.
	1909		1904		
	Number.	Percent distribution.	Number.	Percent distribution.	
<b>Total</b> .....	371,255	100.0	296,262	100.0	25.3
Proprietors and firm members.....	8,204	2.2	6,730	2.3	21.9
Salaried employees.....	36,838	9.9	23,196	7.8	53.8
Wage earners (average number).....	326,223	87.9	266,336	89.9	22.5

Comparable figures are not obtainable for 1899. The table shows that the greatest percentage of increase was in the salaried employees.

The following table shows the average number of wage earners, distributed according to age periods, and in the case of those 16 years of age and over according to sex, for 1909, 1904, and 1899. The averages for 1909 are estimated on the basis of the actual number of wage earners reported for a single representative day. (See Introduction.)

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Percent distribution.	Number.	Percent distribution.	Number.	Percent distribution.
<b>Total</b> .....	326,223	100.0	266,336	100.0	213,975	100.0
16 years of age and over.....	318,685	97.7	258,334	97.0	206,143	96.3
Male.....	236,499	72.5	195,447	73.4	156,787	73.3
Female.....	82,186	25.2	62,887	23.6	49,356	23.1
Under 16 years of age.....	7,538	2.3	8,002	3.0	7,832	3.7

This table indicates that for all industries combined the proportion of children under 16 years of age was smaller in 1909 than in 1899. Although there was not

much change in the proportions of male and female wage earners 16 years of age and over, the proportion of females was greater in 1909 than in 1899, while on the other hand, that of males was smaller in 1909.

**Wage earners employed, by months.**—The following table gives the number of wage earners employed on the 15th of each month during the year 1909 for all industries combined, for the canning and preserving industry, and for all other industries combined; it gives also the percentage which the number reported for each month is of the greatest number reported for any month. In Table II, page 670, are shown, for a majority of the important industries in the state, the largest number and the smallest number of wage earners reported for any month. The figures are for the 15th day, or the nearest representative day, of the month.

MONTH.	WAGE EARNERS.					
	All industries.		Canning and preserving.		All other industries.	
	Number.	Percent of maximum.	Number.	Percent of maximum.	Number.	Percent of maximum.
January.....	313,158	91.2	273	4.5	312,885	91.4
February.....	313,216	91.2	317	5.3	312,899	91.4
March.....	318,401	92.7	290	4.8	318,111	92.9
April.....	321,883	93.7	396	6.6	321,487	93.9
May.....	321,876	93.7	760	12.6	321,116	93.8
June.....	321,969	93.8	1,662	27.6	320,307	93.5
July.....	318,216	92.7	1,483	24.6	316,733	92.5
August.....	323,506	94.2	3,344	55.5	320,162	93.5
September.....	334,710	97.5	6,021	100.0	328,689	96.0
October.....	341,569	99.5	4,768	79.2	336,801	98.3
November.....	342,786	99.8	1,566	26.0	341,220	99.6
December.....	343,389	100.0	937	15.6	342,452	100.0

Canning and preserving, which is a seasonal industry, gave employment to a large number of persons in the months of August, September, and October, and to a relatively small number through the winter and spring months. From 273 wage earners in January, the number employed increased to 6,021 in September. The

number reported for January, the month of minimum activity, was only 4.5 per cent of the number reported for September, the month of maximum activity. In the glass industry the greatest number of wage earners, 7,286, was reported for the month of April, and the least number, 1,151, for the month of August. This variation is accounted for by the fact that the manufacture of glass is practically suspended during the months of July and August. So few wage earners are employed in these two industries, however, as compared with the total number employed in all industries, that they have only a slight effect on the fluctuation of employment from month to month in all industries combined.

**Prevailing hours of labor.**—In the next table wage earners have been classified according to the prevailing hours of labor in the establishment in which they are employed. In making this classification the average number of wage earners employed during the year is used, and the number employed in each establishment is classified as a total according to the hours prevailing in that establishment, even though a few employees work a greater or less number of hours.

It is evident from this table that for the great majority of wage earners employed in the manufacturing industries of New Jersey the usual hours of labor range from 54 to 60 per week, 12.8 per cent of the total being employed in establishments where the prevailing hours are less than 54 a week and only 4.6 per cent in establishments where they are more than 60 a week.

In the malt-liquor, marble and stone work, and printing and publishing industries 48 hours or less per week prevail for a majority of the wage earners. In nearly all of the larger industries the prevailing hours are from 54 to 60 per week. Practically all of the wage earners in the gas industry, however, are in plants where the hours of employment are 60 a week or more.

INDUSTRY.	AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS GROUPED ACCORDING TO PREVAILING HOURS OF WORK PER WEEK.								
	Total.	48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	326, 223	16, 189	25, 713	45, 861	173, 701	49, 716	7, 611	2, 461	4, 971
Agricultural implements.....	224			9	5	210			
Artificial stone.....	488	65	65	146	111	95		6	
Belting and hose, woven and rubber.....	2, 295	4			1, 711	580			
Boots and shoes, including cut stock and findings.....	4, 232	14	12	71	3, 680	455			
Boxes, fancy and paper.....	2, 142	62	162	851	1, 007	60			
Brass and bronze products.....	1, 265	12	93	284	640	205		31	
Bread and other bakery products.....	4, 936	256	39	670	306	2, 922	548	173	22
Brick and tile.....	3, 405	160	137	564	270	2, 274			
Brooms and brushes.....	915	10	147	48	706	4			
Buttons.....	2, 261	31		160	1, 874	196			
Canning and preserving.....	1, 818	149	82	97	485	988	10	7	
Carpets and rugs, other than rag.....	884	36	3		845				
Carriages and wagons and materials.....	1, 601	51	116	407	669	339	18	1	
Cars and general shop construction and repairs by steam-railroad companies.....	6, 604	1, 002	1, 337	1, 490	1, 032	598	990		155
Cars and general shop construction and repairs by street-railroad companies.....	826			2	585	132	92	5	10
Cement.....	1, 445					1, 119			326
Chemicals.....	5, 046	6	20	90	2, 804	992	198	74	862
Clocks and watches, including cases and materials.....	2, 129		372		1, 622	135			
Clothing, men's, including shirts.....	6, 994	661	951	447	4, 574	361			
Clothing, women's.....	4, 216	43	1, 305	1, 197	1, 511	160			
Coffins, burial cases, and undertakers' goods.....	212	1	1	12		198			
Confectionery.....	1, 263	26	240	169	652	174		2	
Cooperage and wooden goods, not elsewhere specified.....	1, 046	39	337	433	54	183			
Copper, tin, and sheet-iron products.....	5, 002	899	58	551	3, 295	199			
Cordage and twine and jute and linen goods.....	3, 025	1		301	2, 671	52			
Cork, cutting.....	418	44		63	306	5			
Corsets.....	1, 845		178	237	1, 122				
Cotton goods, including cotton small wares.....	6, 638		3		5, 537	1, 098			
Cutlery and tools, not elsewhere specified.....	2, 208	97	125	117	1, 814	55			
Dairymen's, poulterers', and apiarists' supplies.....	296				276	20			
Dyeing and finishing textiles.....	10, 129	4	33	60	6, 194	2, 968	870		
Electrical machinery, apparatus, and supplies.....	11, 099	147	107	4, 160	6, 561	104		20	
Fancy articles, not elsewhere specified.....	1, 112	3	29	17	1, 063				
Fertilizers.....	1, 208	9		11	51	1, 137			
Flour-mill and gristmill products.....	463	40	7	9	34	275	31	41	16
Foundry and machine-shop products.....	27, 815	326	1, 883	11, 753	9, 507	4, 343	3		
Furniture and refrigerators.....	1, 755	214	115	56	1, 210	160			
Gas and electric fixtures and lamps and reflectors.....	1, 884	33	118	310	1, 380	4	39		
Gas, illuminating and heating.....	1, 917	9		15		47	247	4	1, 596
Glass.....	5, 651	1, 007	2, 451	420	1, 773				
Gold and silver, reducing and refining, not from the ore.....	112			6	75	27	4		
Hats, fur-felt.....	4, 657	619	3, 295	108	366	269			
Hosiery and knit goods.....	2, 506	24	109	107	2, 140	126			
Ice, manufactured.....	456			10	81	70	79	70	146
Iron and steel, steels works and rolling mills.....	4, 671		225	1, 007	2, 134	224	1, 081		
Jewelry.....	4, 008	157	464	1, 652	1, 582	153			
Leather goods.....	1, 813	188	83	44	1, 303	195			
Leather, tanned, curried, and finished.....	5, 560	180	245	115	4, 578	442			
Liquors, malt.....	2, 125	1, 286		768		71			
Lumber and timber products.....	4, 857	728	908	1, 371	1, 095	750	5		
Marble and stone work.....	1, 479	1, 068	41	145	163	62			
Mattresses and spring beds.....	496	49		7	420	20			
Millinery and lace goods.....	4, 120	114	65	523	2, 904	463	31		
Musical instruments and materials, not specified.....	385	2		72	311				
Musical instruments, pianos and organs and materials.....	1, 393	64	5	978	345	1			
Oil, not elsewhere specified.....	419	1	45	84	44	245			
Oilcloth and linoleum.....	2, 123			103	1, 377	643			
Paint and varnish.....	1, 493	93	480	28	282	364	17	229	
Paper and wood pulp.....	2, 223	12			394	194	726	843	54
Paper goods, not elsewhere specified.....	563	6	3	115	110	184	145		
Patent medicines and compounds and druggists' preparations.....	1, 005	80	86	378	383	78			
Pottery, terra-cotta, and fire-clay products.....	9, 815	652	1, 968	1, 448	3, 028	2, 719			
Printing and publishing.....	5, 451	3, 251	1, 141	640	315	79	25		
Rubber goods, not elsewhere specified.....	4, 255		15	10	2, 571	1, 659			
Shipbuilding, including boat building.....	4, 869	150	191	1, 278	340	2, 910			
Silk and silk goods, including throwsters.....	30, 285	42	477	190	29, 448	128			
Silverware and plated ware.....	1, 296		593	13	687	3			
Slaughtering and meat packing.....	1, 817	116	261	44	136	1, 090	16	142	12
Smelting and refining, copper.....	2, 322					1, 238	1, 084		
Smelting and refining, not from the ore.....	1, 057	2	3		180	292			580
Soap.....	1, 599	3	1, 101	202	188	105			
Stoves and furnaces, including gas and oil stoves.....	696	4	35	152	46	459			
Surgical appliances and artificial limbs.....	1, 412	13		35	1, 363	1			
Tobacco manufactures.....	9, 466	712	205	486	6, 562	1, 499	2		
Typewriters and supplies.....	272	57	10	44	161				
Wall paper.....	782				248	534			
Wall plaster.....	178			7	44	127			
Wire.....	5, 646				5, 559	87			
Woolen, worsted, and felt goods, and wool hats.....	12, 652		153	8	11, 747	744			
All other industries.....	47, 187	1, 055	2, 980	8, 466	23, 054	8, 286	1, 350	813	1, 193

**Location of establishments.**—The next table shows the extent to which the manufactures of New Jersey are centralized in cities and other incorporated places of 10,000 population or over. (See Introduction.)

The comparison is confined here, as in other states, to the years 1899 and 1909, in the absence of a Federal census of population by which the grouping of cities in 1904 could be determined for all the states.

ITEM.	Year.	Aggregate.	CITIES, TOWNS, OR BOROUGHES HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES, TOWNS, OR BOROUGHES HAVING A POPULATION OF 10,000 AND OVER.	
			Total.		10,000 to 25,000		25,000 to 100,000		100,000 and over.		Number or amount.	Percent of total.
			Number or amount.	Percent of total.	Number or amount.	Percent of total.	Number or amount.	Percent of total.	Number or amount.	Percent of total.		
Population.....	1910 1900	2,537,167 1,883,669	1,635,863 1,125,018	64.5 59.7	271,936 218,271	10.7 11.6	623,079 349,073	24.6 18.5	740,848 557,674	29.2 29.6	901,304 758,651	35.5 40.3
Number of establishments.....	1909 1899	8,817 6,415	5,939 4,253	67.4 66.3	818 585	9.3 9.1	1,816 1,072	20.6 16.7	3,305 2,596	37.5 40.5	2,878 2,162	32.6 33.7
Average number of wage earners.	1909 1899	326,223 213,975	248,765 160,842	76.3 75.2	37,697 24,567	11.6 11.5	93,655 47,464	28.7 22.2	117,413 88,811	36.0 41.5	77,458 53,133	23.7 24.8
Value of products.....	1909 1899	\$1,145,529,076 553,005,684	\$851,498,583 419,801,602	74.3 75.9	\$93,720,092 53,854,751	8.2 9.7	\$356,907,642 131,787,132	31.2 23.8	\$400,870,849 234,159,779	35.0 42.3	\$294,030,493 133,204,022	25.7 24.1
Value added by manufacture...	1909 1899	425,495,677 218,279,590	325,638,307 166,024,706	76.5 76.1	43,817,178 22,625,292	10.3 10.4	119,674,513 45,331,841	28.1 20.8	162,146,616 98,067,573	38.1 44.9	99,857,370 52,254,884	23.5 23.9

In 1909, 74.3 per cent of the total value of products was reported from cities and other incorporated places having over 10,000 inhabitants, and 76.3 per cent of the average number of wage earners were employed in such places. The figures indicate that the manufacturing industries in incorporated places with more than 10,000 inhabitants contributed slightly larger percentages of the total number of establishments, average number of wage earners, and value added by manufacture, and a somewhat smaller percentage of the value of products in 1909 than in 1899.

The increase in the population of certain places has affected the grouping in the table. East Orange, Orange, Perth Amboy, and West Hoboken, which for 1909 fall into the group comprising places having between 25,000 and 100,000 inhabitants, had less than 25,000 inhabitants in 1900, and for 1899, therefore, are included with the cities and towns having between 10,000 and 25,000 inhabitants. Eight of the places falling in 1909 into the group comprising incorporated places of between 10,000 and 25,000 inhabitants—Asbury Park, Bloomfield, Garfield, Hackensack, Irvington, Long Branch, West New York, and West Orange—had less than 10,000 inhabitants in 1900, so that for 1899 their statistics are included with those for districts outside of cities. The fact that in 1909 the combined value of products reported by the manufacturing industries of the eight places just mentioned was \$31,524,468, or 2.8 per cent of the total for the state, makes the increase in the proportion of the total value of products reported by the industries outside of incorporated places of over 10,000 inhabitants more worthy of note.

The group comprising the incorporated places of between 10,000 and 25,000 inhabitants contributed a

smaller proportion of the total value of products in 1909 than in 1899, and the group made up of the places having between 25,000 and 100,000 inhabitants a considerably larger proportion, while for Newark, Jersey City, and Paterson, the three cities having more than 100,000 inhabitants, a decided loss is shown in the percentage which their combined value of products forms of the total. Of the total value of products reported for the state in 1909, 8.2 per cent was reported from the 6 cities, 11 towns, and 1 borough having between 10,000 and 25,000 inhabitants, 31.2 per cent from the 10 cities and 1 town having between 25,000 and 100,000 inhabitants, and 35 per cent from the 3 cities having 100,000 inhabitants and over.

The population for 1910 and 1900 of the 32 incorporated places which had 10,000 inhabitants or over in 1910 is given in the following statement:

CITY, TOWN, OR BOROUGH.	1910	1900	CITY, TOWN, OR BOROUGH.	1910	1900
Newark.....	347,469	246,070	Union.....	21,023	15,187
Jersey City.....	267,779	206,433	Plainfield.....	20,550	15,369
Paterson.....	125,600	105,171	Kearny.....	18,659	10,896
Trenton.....	96,815	73,307	Bloomfield.....	15,070	9,668
Camden.....	94,538	75,935	Harrison.....	14,498	10,596
Elizabeth.....	73,409	52,130	Bridgeton.....	14,209	13,013
Hoboken.....	70,324	59,364	Hackensack.....	14,050	9,443
Bayonne.....	55,545	32,722	Phillipsburg.....	13,903	10,052
Passaic.....	54,773	27,777	West New York... Long Branch.....	13,560 13,298	5,267 8,872
Atlantic City.....	46,150	27,838	Morristown.....	12,507	11,267
West Hoboken.....	35,403	23,094	Millville.....	12,451	10,533
East Orange.....	34,371	21,506	Irvington.....	11,877	5,255
Perth Amboy.....	32,121	17,699	West Orange.....	10,980	6,889
Orange.....	29,630	24,141	Garfield.....	10,213	3,504
New Brunswick... Montclair.....	23,388 21,550	20,006 13,962	Asbury Park.....	10,150	4,143

The relative industrial importance of each of the 32 incorporated places having a population of 10,000 or over in 1910 is shown in the next table, in which the value of products and average number of wage earners are shown separately for 1909, 1904, and 1899.



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CITY, TOWN, OR BOROUGH.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1909	1904	1899	1909	1904	1899
Newark.....	59,955	50,097	42,878	\$202,511,520	\$150,055,227	\$112,728,045
Jersey City.....	25,454	20,353	17,391	128,774,978	75,740,934	72,929,690
Bayonne.....	7,519	7,057	4,670	73,640,900	60,633,761	38,601,429
Perth Amboy.....	5,866	3,950	2,005	73,092,703	34,800,402	14,061,072
Paterson.....	32,004	28,509	28,542	69,584,351	54,673,083	48,502,044
Camden.....	16,527	12,661	7,742	49,137,874	33,587,273	17,969,954
Trenton <sup>1</sup> .....	18,543	14,130	13,138	49,008,715	32,359,945	28,458,068
Passaic.....	15,086	11,000	6,399	41,729,257	22,782,725	12,804,805
Elizabeth.....	12,737	12,335	9,498	29,147,334	29,300,801	22,861,375
Hoboken.....	8,100	7,227	5,712	20,413,015	14,077,305	10,483,079
Harrison.....	6,500	4,040	2,859	13,142,377	8,408,924	6,086,477
New Brunswick.....	5,264	4,590	3,836	10,004,802	8,916,983	5,791,321
West New York.....	1,508	(2)	(2)	9,273,717	(2)	(2)
Orange.....	4,383	2,450	1,640	9,175,910	6,150,635	2,995,688
Phillipsburg.....	3,432	3,148	2,216	9,150,227	6,684,173	4,584,886
Garfield.....	2,530	(2)	(2)	8,893,710	(2)	(2)
Kearny.....	2,820	1,303	986	8,306,276	4,427,904	1,607,002
Union.....	2,894	1,856	1,376	7,941,047	3,512,451	3,403,136
Bloomfield.....	2,957	1,893	1,612	5,894,710	4,645,483	3,370,924
West Hoboken.....	2,782	3,562	2,733	5,577,439	5,947,207	4,769,436
Millville.....	2,761	2,767	2,239	4,181,824	3,719,417	2,513,433
Bridgeton.....	2,387	2,276	2,182	4,070,508	2,963,840	2,258,772
East Orange.....	1,386	854	690	3,724,879	2,326,552	2,086,910
Plainfield.....	1,758	1,986	1,384	3,648,745	3,572,134	2,437,434
Irvington.....	540	(2)	(2)	3,017,824	(2)	(2)
Atlantic City.....	726	381	305	2,259,616	974,835	608,422
Hackensack.....	738	812	487	1,977,966	1,488,358	782,232
Long Branch.....	415	294	96	1,116,663	577,268	280,590
Montclair.....	252	151	169	1,025,585	621,145	663,592
West Orange.....	476	(2)	(2)	747,684	(2)	(2)
Morristown.....	201	307	252	724,233	704,412	595,592
Asbury Park.....	264	(2)	(2)	602,194	(2)	(2)

<sup>1</sup> Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

<sup>2</sup> Figures not available.

With the exception of Elizabeth and West Hoboken, each place for which comparative statistics are presented shows an increase in value of products from 1904 to 1909, and all but Montclair show an increase from 1899 to 1904.

Newark, the largest and most important city in the state, shows an increase from 1904 to 1909 of \$52,456,000, or 35 per cent, in value of products and 9,258, or 18.3 per cent, in the average number of wage earners. In value of manufactured products, it stood eleventh among the cities of the United States in 1909 and tenth in 1904 and 1899. Eighteen and four-tenths per cent of the wage earners employed in manufactures in the state in 1909 and 17.7 per cent of the value of the manufactured products were reported from Newark. The leading industry of the city in 1909 was the smelting and refining of copper, but statistics for this industry can not be shown separately without disclosing the operations of individual establishments. Next in order of importance as measured by value of products were leather (tanned, curried, and finished), foundry and machine-shop products, jewelry, and malt liquors, the combined products of which represented 29.6 per cent of the total value of all products for the city in 1909. Other important industries were the manufacture of paint and varnish; electrical machinery and apparatus; chemicals; bread and other bakery products; printing and publishing; fur-felt hats; slaughtering and meat packing; and copper, tin, and sheet-iron products.

The total value of products reported for Jersey City increased \$53,034,000, or 70 per cent, from 1904 to 1909, and the average number of wage earners in-

creased 5,101, or 25.1 per cent. Among the leading industries, measured by value of products, was the slaughtering and meat-packing industry, with products valued at \$22,314,000, which represented 59.4 per cent of the total value of products for this industry in the state. Other important industries were tobacco manufactures, foundries and machine shops, the manufacture of gas, and steam-railroad repair shops. Three of the most important industries in the city in 1909 were the manufacture of soap, the refining of sugar, and the refining of petroleum, but their statistics can not be shown separately without disclosing the operations of individual establishments.

Bayonne shows an increase in value of manufactured products amounting to \$13,007,000, or 21.5 per cent, from 1904 to 1909, and an increase in average number of wage earners of 462, or 6.5 per cent. The leading industries were petroleum refining, smelting and refining from clippings, sweepings, and scrap, foundries and machine shops, and the manufacture of electrical machinery and apparatus. The foundry and machine-shop industry, however, is the only one of these for which statistics can be shown separately in Table I without disclosing the operations of individual establishments. Twenty-one industries were reported in 1909 which did not appear at the census of 1904, the most important of which were the manufacture of copper, tin, and sheet-iron products, cooperage and wooden goods, silk and silk goods, and soap.

Perth Amboy was the fourth city in the state in 1909 in value of manufactured products, having advanced from fifth position since 1904 and displaced Paterson. Since the city had less than 50,000 inhabitants in 1910, its statistics are presented by totals only in Table I. From 1904 to 1909 the total value of products increased \$38,292,000, or 110 per cent, and the average number of wage earners 1,916, or 48.5 per cent. These large gains were due in a great measure to the appearance of several important industries in 1909 which were not reported at the census of 1904, such as the manufacture of ammunition, of paving materials, and of electrical machinery and apparatus, and to the increase in the value of products of the copper smelting and refining industry, which is by far the most important industry of the city.

The fifth city in importance, measured by value of products, was Paterson. From 1904 to 1909 the total value of the manufactured products of this city increased \$14,911,000, or 27.3 per cent, and the average number of wage earners 3,495, or 12.3 per cent. The leading industry was the manufacture of silk and silk goods, in the production of which this city outranked all others in the United States in 1909, 1904, and 1899. In 1909 this industry gave employment in Paterson to 18,828 wage earners, or 58.8 per cent of the total number for all industries, and reported products to the value of \$40,358,000, or 58 per cent of

the total value of products for the city. Other important industries were the dyeing and finishing of textiles, foundries and machine shops, the making of men's clothing, and slaughtering and meat packing.

From 1904 to 1909 the total value of manufactured products in Camden increased \$15,551,000, or 46.3 per cent, and the average number of wage earners 3,866, or 30.5 per cent. Measured by value of products, the most important industry was the tanning, currying, and finishing of leather, with products valued at \$5,920,000, which gave employment to an average of 1,111 wage earners. The shipbuilding industry was next in importance, with a value of products amounting to \$5,626,000, and an average of 3,324 wage earners. Other important industries were the manufacture of phonographs and graphophones, foundry and machine-shop products, and woolen and worsted goods.

The total value of products reported for Trenton increased \$16,649,000, or 51.4 per cent, and the average number of wage earners 4,413, or 31.2 per cent, during the five-year period 1904-1909. Trenton owes much of its industrial prominence to the manufacture of pottery, terra-cotta, and fire-clay products, which industry in 1909 reported products to the value of \$6,996,000, and gave employment to an average of 5,030 wage earners, these figures representing 14.3 per cent and 27.1 per cent, respectively, of the totals for all industries in the city, and 53.2 per cent and 51.2 per cent, respectively, of the totals for this industry in the state. Other important industries were the manufacture of wire, rubber goods, foundry and machine-shop products, and rubber belting and hose.

In Passaic the value of products increased \$18,947,000, or 83.2 per cent, and the average number of wage earners 4,086, or 37.1 per cent, between 1904 and 1909. Two of the most important industries in the city were the manufacture of cotton goods and of woolen and worsted goods, the combined value of their products amounting to \$20,536,000 and the average number of wage earners employed to 8,191, representing 49.2 per cent and 54.3 per cent, respectively, of the corresponding totals for all industries in the city.

The value of products for Elizabeth showed a slight decrease between 1904 and 1909, due principally to a falling off in foundry and machine-shop products, and in oils, "not elsewhere specified," and to the fact that a large establishment engaged in the refining of copper in 1904 was reported as idle in 1909. The most important industry in the city in 1909 was the manufacture of sewing machines. The statistics for this industry can not be shown separately without disclosing the operations of individual establishments, but in 1909 the industry gave employment to more

than one-half of the average number of wage earners reported for all manufacturing industries in the city. Other important industries were the manufacture of wire and of electrical machinery and apparatus, and steam-railroad repair shops.

While there was a decrease of 35, or 12.5 per cent, in the number of establishments in Hoboken between 1904 and 1909, the value of products increased \$6,336,000, or 45 per cent, and the average number of wage earners 873, or 12.1 per cent. The foundries and machine shops, which gave employment in 1909 to 855 wage earners and reported products to the value of \$1,808,000, formed the most important industry in the city. Next in importance were the bakeries and the furniturefactories. The tanning and finishing of leather, shipbuilding, and the manufacture of moving picture apparatus and of lead pencils were other important industries, but their statistics can not be shown without disclosing the operations of individual establishments.

The other incorporated places having over 10,000 population in the order of their importance as measured by value of products in 1909, and the principal industries of each, were as follows: Harrison, foundries and machine shops, steelworks and rolling mills, and electrical machinery and apparatus; New Brunswick, surgical appliances and tobacco manufactures; West New York, lard refining, cottonseed oil and cake, and silk goods; Orange, phonographs and graphophones and fur-felt hats; Phillipsburg, foundries and machine shops and silk goods; Garfield, worsted goods and paper and wood pulp; Kearny, slaughtering and meat packing and oilcloth and linoleum; Union, silk goods and malt liquors; Bloomfield, electrical machinery and apparatus; West Hoboken, silk goods; Millville and Bridgeton, glass; East Orange, electrical machinery and apparatus; Plainfield, foundry and machine-shop products; Irvington, reducing and refining gold and silver, not from the ore; Atlantic City, bakeries; Hackensack, silk goods; Long Branch, men's clothing; Montclair, paper goods; West Orange, electrical machinery and apparatus; Morristown, bakeries; and Asbury Park, planing-mill products.

**Character of ownership.**—The table on the opposite page has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. For all industries combined comparative figures are given covering the censuses of 1909 and 1904. Comparative data for 1899 are not available. Figures for 1909 only are presented for several important industries individually. In order to avoid disclosing the operations of individual concerns it is necessary to omit several important industries from this table and the one following.

INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>ALL INDUSTRIES:</b>					<b>Hats, fur-felt, 1909.....</b>	58	4,657	\$8,825,217	\$4,713,649
1909.....	8,817	326,223	\$1,145,529,076	\$425,495,877	Individual.....	22	719	1,210,551	655,535
1904.....	7,010	266,336	774,369,025	303,919,849	Firm.....	14	1,308	2,801,454	1,541,420
Individual:					Corporation.....	22	2,630	4,813,212	2,516,694
1909.....	4,888	33,306	83,854,860	39,160,399	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	3,944	30,994	67,280,922	31,254,522	Individual.....	37.9	15.4	13.7	13.9
Firm:					Firm.....	24.1	28.1	31.7	32.7
1909.....	1,348	35,441	89,158,998	37,766,699	Corporation.....	37.9	56.5	54.5	53.4
1904.....	1,220	40,235	89,762,612	38,338,818	<b>Jewelry, 1909.....</b>	150	4,008	\$13,272,004	\$6,977,606
Corporation:					Individual.....	35	506	898,630	436,895
1909.....	2,560	257,252	971,904,531	348,188,874	Firm.....	54	1,702	5,662,469	3,027,044
1904.....	1,834	195,058	617,236,276	234,269,884	Corporation.....	61	1,800	6,740,965	3,513,667
Other:					Per cent of total.....	100.0	100.0	100.0	100.0
1909.....	21	224	610,687	379,705	Individual.....	23.3	12.6	6.5	6.3
1904.....	12	49	89,215	56,625	Firm.....	36.0	42.5	42.7	43.4
Per cent of total:					Corporation.....	40.7	44.9	50.8	50.4
1909.....	100.0	100.0	100.0	100.0	<b>Leather, tanned, curried, and finished, 1909.....</b>	88	5,560	\$28,430,955	\$8,232,485
1904.....	100.0	100.0	100.0	100.0	Individual.....	18	264	1,612,248	497,259
Individual:					Firm.....	23	1,312	7,807,588	2,127,855
1909.....	55.4	10.2	7.3	9.2	Corporation.....	45	3,984	19,011,119	5,607,371
1904.....	56.3	11.6	8.7	10.3	Per cent of total.....	100.0	100.0	100.0	100.0
Firm:					Individual.....	20.9	4.7	5.7	6.0
1909.....	15.3	10.9	7.8	8.9	Firm.....	26.7	23.6	27.5	25.8
1904.....	17.4	15.1	11.6	12.6	Corporation.....	52.3	71.7	66.9	68.1
Corporation:					<b>Lumber and timber products, 1909.....</b>	416	4,857	\$13,511,162	\$5,501,207
1909.....	29.0	78.9	84.8	81.8	Individual.....	201	1,543	3,326,384	1,761,683
1904.....	26.2	73.2	79.7	77.1	Firm.....	78	721	1,822,214	892,308
Other:					Corporation <sup>2</sup> .....	77	2,593	8,362,564	2,847,216
1909.....	0.2	0.1	0.1	0.1	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	0.2	(1)	(1)	(1)	Individual.....	62.7	31.8	24.6	32.0
<b>Boots and shoes, including cutstock and findings, 1909.....</b>	53	4,232	\$8,041,623	\$3,314,498	Firm.....	18.7	14.8	13.5	16.2
Individual.....	21	352	846,281	322,084	Corporation <sup>2</sup> .....	18.5	53.4	61.9	51.8
Firm.....	11	940	1,706,865	750,971	<b>Paint and varnish, 1909.....</b>	63	1,493	\$12,766,929	\$4,540,956
Corporation.....	21	2,940	5,488,477	2,301,443	Individual.....	12	60	654,862	254,106
Per cent of total.....	100.0	100.0	100.0	100.0	Firm.....	7	314	2,101,079	749,206
Individual.....	39.6	8.3	10.5	7.9	Corporation.....	44	1,119	10,010,988	3,537,644
Firm.....	20.8	22.2	21.2	22.7	Per cent of total.....	100.0	100.0	100.0	100.0
Corporation.....	39.6	69.5	68.2	69.4	Individual.....	19.0	4.0	5.1	5.6
<b>Bread and other bakery products, 1909.....</b>	1,217	4,936	\$20,085,629	\$7,890,424	Firm.....	11.1	21.0	16.5	16.5
Individual.....	1,114	3,621	14,778,642	5,760,060	Corporation.....	69.8	74.9	78.4	77.9
Firm.....	75	347	1,387,842	563,878	<b>Printing and publishing, 1909.....</b>	684	5,451	\$12,332,700	\$8,860,549
Corporation <sup>2</sup> .....	28	968	3,919,145	1,566,486	Individual.....	442	1,345	2,679,391	1,946,114
Per cent of total.....	100.0	100.0	100.0	100.0	Firm.....	91	488	982,232	720,267
Individual.....	91.5	73.4	73.6	73.0	Corporation.....	137	3,426	8,149,083	5,850,225
Firm.....	6.2	7.0	6.9	7.1	Other.....	14	194	521,994	343,943
Corporation <sup>2</sup> .....	2.3	19.6	19.5	19.9	Per cent of total.....	100.0	100.0	100.0	100.0
<b>Clothing, men's, including shirts, 1909.....</b>	150	6,994	\$9,864,646	\$4,788,273	Individual.....	64.6	24.7	21.7	22.0
Individual.....	89	2,301	2,561,457	1,431,301	Firm.....	13.3	8.9	8.0	8.1
Firm.....	44	2,682	3,826,288	1,789,499	Corporation.....	20.0	62.8	66.1	66.0
Corporation.....	17	2,011	3,476,901	1,567,473	Other.....	2.0	3.6	4.2	3.9
Per cent of total.....	100.0	100.0	100.0	100.0	<b>Silk and silk goods, including throwsters, 1909.....</b>	348	30,285	\$65,429,550	\$32,164,373
Individual.....	59.3	32.9	26.0	29.9	Individual.....	86	3,695	8,395,443	4,158,341
Firm.....	29.3	38.8	38.8	37.4	Firm.....	99	8,880	18,385,422	8,927,330
Corporation.....	11.3	28.8	35.2	32.7	Corporation.....	163	17,710	38,648,685	19,078,702
<b>Cotton goods, including cotton small wares, 1909.....</b>	26	6,638	\$13,728,874	\$5,164,141	Per cent of total.....	100.0	100.0	100.0	100.0
Individual.....	5	78	117,072	62,023	Individual.....	24.7	12.2	12.8	12.9
Firm.....	4	288	408,415	128,416	Firm.....	28.4	29.3	28.1	27.8
Corporation.....	17	6,272	13,208,387	4,973,702	Corporation.....	46.8	58.5	59.1	59.3
Per cent of total.....	100.0	100.0	100.0	100.0	<b>Slaughtering and meat packing, 1909.....</b>	84	1,817	\$37,583,395	\$3,843,811
Individual.....	19.2	1.2	0.9	1.2	Individual.....	41	1,183	5,236,637	439,734
Firm.....	15.4	4.3	2.9	2.5	Firm.....	20	252	6,500,346	527,949
Corporation.....	65.4	94.5	96.2	96.3	Corporation.....	23	1,382	25,846,412	2,876,128
<b>Dyeing and finishing textiles, 1909.....</b>	67	10,129	\$15,795,788	\$9,443,092	Per cent of total.....	100.0	100.0	100.0	100.0
Individual.....	19	296	388,837	300,449	Individual.....	48.8	10.1	13.9	11.4
Firm.....	6	466	702,380	373,391	Firm.....	23.8	13.9	17.3	13.7
Corporation.....	42	9,367	14,704,571	8,769,252	Corporation.....	27.4	76.1	68.8	74.8
Per cent of total.....	100.0	100.0	100.0	100.0	<b>Tobacco manufactures, 1909.....</b>	462	9,466	\$24,177,343	\$13,381,069
Individual.....	28.4	2.9	2.5	3.2	Individual.....	407	1,549	3,103,360	2,039,988
Firm.....	9.0	4.6	4.4	4.0	Firm.....	36	227	549,835	302,591
Corporation.....	62.7	92.5	93.1	92.9	Corporation.....	19	7,690	20,524,148	11,038,490
<b>Electrical machinery, apparatus, and supplies, 1909.....</b>	69	11,099	\$28,365,377	\$13,939,852	Per cent of total.....	100.0	100.0	100.0	100.0
Individual.....	10	76	113,430	60,038	Individual.....	88.1	16.4	12.8	15.2
Firm.....	5	55	391,821	233,038	Firm.....	7.8	2.4	2.3	2.3
Corporation.....	54	10,968	27,860,126	13,646,776	Corporation.....	4.1	81.2	84.9	82.5
Per cent of total.....	100.0	100.0	100.0	100.0	<b>Woolen, worsted, and felt goods, and wool hats, 1909.....</b>	33	12,652	\$33,938,637	\$12,905,758
Individual.....	14.5	0.7	0.4	0.4	Individual.....	6	50	144,354	43,636
Firm.....	7.2	0.5	1.4	1.7	Firm.....	7	2,184	6,220,059	1,615,370
Corporation.....	78.3	98.8	98.2	97.9	Corporation.....	20	10,418	27,574,224	11,246,752
<b>Foundry and machine-shop products, 1909.....</b>	591	27,815	\$65,398,437	\$35,458,387	Per cent of total.....	100.0	100.0	100.0	100.0
Individual.....	225	2,756	5,245,947	3,161,474	Individual.....	18.2	0.4	0.4	0.3
Firm.....	93	1,665	3,100,607	1,692,715	Firm.....	21.2	17.3	18.3	12.5
Corporation.....	273	23,394	57,051,883	30,604,198	Corporation.....	60.6	82.3	81.2	87.1

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes the group "Other," to avoid disclosure of individual operations.

The most important distinction shown is that between corporate and all other forms of ownership. For all industries combined, 29 per cent of the total number of establishments were under corporate ownership in 1909, as against 71 per cent under all other forms. The corresponding figures for 1904 were 26.2 per cent and 73.8 per cent, respectively. Of the total value of products in 1909, the establishments operated by corporations reported 84.8 per cent, as against 15.2 per cent for those under all other forms of ownership, while in 1904 the corresponding figures were 79.7 per cent and 20.3 per cent, respectively. Similar conditions prevail to a greater or less extent in most of the industries presented separately, except that for men's clothing the greatest proportion, 38.8 per cent, of value

of products is shown for firm ownership, while the bakeries show 73.6 per cent for individual ownership.

**Size of establishment.**—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it the following table groups the establishments according to the value of their products. The table also shows the average size of establishments for all industries combined and for important industries separately, as measured by number of wage earners, value of products, and value added by manufacture. The totals for all industries are shown for the last two censuses, while for the industries presented separately figures are given for 1909 only.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>ALL INDUSTRIES:</b>									
1909.....	8,817	326,223	\$1,145,529,076	\$425,495,677	<b>Clothing, men's, including shirts, 1909.....</b>	150	6,994	\$9,864,646	\$4,788,273
1904.....	7,010	266,336	774,369,025	303,919,349	Less than \$5,000.....	30	138	83,421	77,826
Less than \$5,000:					\$5,000 and less than \$20,000.....	48	811	516,854	452,197
1909.....	2,288	3,094	5,815,878	3,771,287	\$20,000 and less than \$100,000.....	51	3,201	2,900,784	1,802,489
1904.....	1,900	2,767	4,861,044	3,150,687	\$100,000 and less than \$1,000,000 <sup>1</sup> .....	21	2,844	6,363,587	2,455,761
\$5,000 and less than \$20,000:					Per cent of total.....	100.0	100.0	100.0	100.0
1909.....	3,081	16,218	32,476,593	13,157,917	Less than \$5,000.....	20.0	2.0	0.8	1.6
1904.....	2,424	13,928	24,898,863	13,957,375	\$5,000 and less than \$20,000.....	32.0	11.6	5.2	9.4
\$20,000 and less than \$100,000:					\$20,000 and less than \$100,000.....	34.0	45.8	29.4	37.6
1909.....	2,053	43,646	90,682,537	46,875,049	\$100,000 and less than \$1,000,000 <sup>1</sup> .....	14.0	40.7	64.5	51.3
1904.....	1,610	39,147	72,862,614	38,602,710	Average per establishment.....	.....	47	\$65,764	\$31,922
\$100,000 and less than \$1,000,000:					<b>Cotton goods, including cotton small wares, 1909.....</b>	28	6,638	\$13,728,874	\$5,164,141
1909.....	1,201	137,123	366,705,326	168,792,863	\$5,000 and less than \$20,000 <sup>2</sup> .....	8	54	84,880	43,354
1904.....	955	128,483	286,892,957	138,229,831	\$20,000 and less than \$100,000.....	4	126	255,100	133,933
\$1,000,000 and over:					\$100,000 and less than \$1,000,000.....	11	2,461	5,397,487	2,170,895
1909.....	194	126,142	649,848,742	187,898,561	\$1,000,000 and over.....	3	3,997	7,991,407	2,815,959
1904.....	121	82,011	384,853,547	109,979,246	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total:					Less than \$5,000.....	30.8	0.8	0.6	0.8
1909.....	100.0	100.0	100.0	100.0	\$5,000 and less than \$20,000.....	15.4	1.9	1.9	2.6
1904.....	100.0	100.0	100.0	100.0	\$100,000 and less than \$1,000,000.....	42.3	37.1	39.3	42.0
Less than \$5,000:					\$1,000,000 and over.....	11.5	60.2	58.2	54.5
1909.....	25.9	0.9	0.5	0.9	Average per establishment.....	.....	255	\$528,034	\$198,621
1904.....	27.1	1.0	0.6	1.0	<b>Dyeing and finishing textiles, 1909.....</b>	67	10,129	\$15,795,788	\$9,443,092
\$5,000 and less than \$20,000:					Less than \$5,000.....	8	18	23,737	17,094
1909.....	34.0	5.0	2.8	4.3	\$5,000 and less than \$20,000.....	13	132	173,127	125,715
1904.....	34.0	5.2	3.2	4.6	\$20,000 and less than \$100,000.....	21	646	914,561	569,897
\$20,000 and less than \$100,000:					\$100,000 and less than \$1,000,000.....	20	3,838	6,184,234	3,737,977
1909.....	23.3	13.4	7.9	11.0	\$1,000,000 and over.....	5	5,495	8,500,129	4,941,509
1904.....	23.0	14.7	9.4	12.7	Per cent of total.....	100.0	100.0	100.0	100.0
\$100,000 and less than \$1,000,000:					Less than \$5,000.....	11.9	0.2	0.2	0.2
1909.....	13.6	42.0	32.0	39.7	\$5,000 and less than \$20,000.....	19.4	1.3	1.1	1.3
1904.....	13.6	48.2	37.0	45.5	\$20,000 and less than \$100,000.....	31.3	6.4	5.8	6.0
\$1,000,000 and over:					\$100,000 and less than \$1,000,000.....	29.9	37.9	39.2	40.1
1909.....	2.2	38.7	56.7	44.2	\$1,000,000 and over.....	7.5	54.2	53.8	52.3
1904.....	1.7	30.8	49.7	36.2	Average per establishment.....	.....	151	\$235,758	\$140,942
Average per establishment:					<b>Electrical machinery, apparatus, and supplies, 1909.....</b>	69	11,099	\$28,365,377	\$13,939,852
1909.....	.....	37	\$129,923	\$48,259	Less than \$5,000.....	6	28	18,961	6,977
1904.....	.....	38	110,466	43,355	\$5,000 and less than \$20,000.....	13	79	161,357	80,821
<b>Boots and shoes, including cut stock and findings, 1909.....</b>	53	4,232	\$8,041,623	\$3,314,498	\$20,000 and less than \$100,000.....	23	480	1,166,688	660,455
Less than \$5,000.....	9	13	21,864	12,090	\$100,000 and less than \$1,000,000.....	19	3,197	8,369,203	4,428,746
\$5,000 and less than \$20,000.....	7	87	84,194	45,116	\$1,000,000 and over.....	8	7,315	18,649,168	8,750,853
\$20,000 and less than \$100,000.....	17	446	888,628	371,892	Per cent of total.....	100.0	100.0	100.0	100.0
\$100,000 and less than \$1,000,000.....	20	3,686	7,046,937	2,885,400	Less than \$5,000.....	8.7	0.3	0.1	( <sup>3</sup> )
Per cent of total.....	100.0	100.0	100.0	100.0	\$5,000 and less than \$20,000.....	18.8	0.7	0.6	0.6
Less than \$5,000.....	17.0	0.3	0.3	0.4	\$20,000 and less than \$100,000.....	33.3	4.3	4.1	4.8
\$5,000 and less than \$20,000.....	13.2	2.1	1.0	1.4	\$100,000 and less than \$1,000,000.....	27.5	28.8	29.5	31.8
\$20,000 and less than \$100,000.....	32.1	10.5	11.0	11.2	\$1,000,000 and over.....	11.6	65.9	65.7	62.8
\$100,000 and less than \$1,000,000.....	37.7	87.1	87.6	87.1	Average per establishment.....	.....	161	\$411,092	\$202,027
Average per establishment.....	.....	80	\$151,729	\$62,538	<b>Foundry and machine-shop products, 1909.....</b>	591	27,815	\$65,398,437	\$35,458,387
<b>Bread and other bakery products, 1909.....</b>	1,217	4,936	\$20,085,629	\$7,890,424	Less than \$5,000.....	100	148	268,563	184,208
Less than \$5,000.....	217	178	739,590	313,192	\$5,000 and less than \$20,000.....	184	1,071	1,921,962	1,246,009
\$5,000 and less than \$20,000.....	771	1,990	8,212,281	3,264,185	\$20,000 and less than \$100,000.....	176	3,861	7,532,400	4,546,858
\$20,000 and less than \$100,000.....	210	1,700	6,888,039	2,632,768	\$100,000 and less than \$1,000,000.....	119	14,304	32,049,781	17,370,507
\$100,000 and less than \$1,000,000.....	19	1,068	4,245,719	1,680,279	\$1,000,000 and over.....	12	8,431	23,625,731	12,110,805
Per cent of total.....	100.0	100.0	100.0	100.0					
Less than \$5,000.....	17.8	3.6	3.7	4.0					
\$5,000 and less than \$20,000.....	63.4	40.3	40.9	41.4					
\$20,000 and less than \$100,000.....	17.3	34.4	34.3	33.4					
\$100,000 and less than \$1,000,000.....	1.6	21.6	21.1	21.3					
Average per establishment.....	.....	4	\$16,504	\$6,484					

<sup>1</sup> Includes the group "\$1,000,000 and over."

<sup>2</sup> Includes the group "Less than \$5,000."

<sup>3</sup> Less than one-tenth of 1 per cent.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
<b>Foundry and machine-shop products, 1909—Con.</b>					<b>Printing and publishing, 1909</b>				
Per cent of total.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	684	5,451	\$12,332,700	\$8,860,549
Less than \$5,000.....	16.9	0.5	0.4	0.5	\$5,000 and less than \$20,000.....	342	410	850,671	633,735
\$5,000 and less than \$20,000.....	31.1	3.9	2.9	3.5	\$20,000 and less than \$100,000.....	260	1,295	2,528,288	1,900,158
\$20,000 and less than \$100,000.....	29.8	13.9	11.5	12.8	\$100,000 and less than \$1,000,000 <sup>1</sup> .....	62	1,204	2,010,239	1,820,084
\$100,000 and less than \$1,000,000.....	20.1	51.4	49.0	49.0	Average per establishment.....	20	2,482	6,368,502	4,500,572
\$1,000,000 and over.....	2.0	30.3	36.1	34.2	Per cent of total.....	100.0	100.0	100.0	100.0
Average per establishment.....	47	47	\$110,657	\$59,997	Less than \$5,000.....	50.0	7.5	6.7	7.2
					\$5,000 and less than \$20,000.....	38.0	23.8	20.5	21.4
					\$20,000 and less than \$100,000.....	9.1	23.2	21.2	20.5
					\$100,000 and less than \$1,000,000 <sup>1</sup> .....	2.9	45.5	51.0	50.9
					Average per establishment.....	8	8	\$18,030	\$12,964
					<b>Silk and silk goods, including throwsters, 1909</b>				
<b>Hats, fur-felt, 1909</b>					Less than \$5,000.....	348	30,285	\$65,429,550	\$32,164,373
Less than \$5,000.....	58	4,657	\$8,825,217	\$4,713,649	\$5,000 and less than \$20,000.....	20	62	45,184	37,223
\$5,000 and less than \$20,000.....	3	4	12,150	7,672	\$20,000 and less than \$100,000.....	74	1,035	858,834	582,960
\$20,000 and less than \$100,000.....	11	53	113,020	52,911	\$100,000 and less than \$1,000,000.....	111	3,925	5,511,023	2,998,470
\$100,000 and less than \$1,000,000 <sup>1</sup> .....	19	793	906,997	572,346	\$1,000,000 and over.....	131	17,585	39,541,130	19,672,218
Average per establishment.....	25	3,807	7,793,050	4,080,720	Average per establishment.....	12	7,678	19,493,379	8,873,502
Per cent of total.....	100.0	100.0	100.0	100.0	Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	5.2	0.1	0.1	0.2	Less than \$5,000.....	5.7	0.2	0.1	0.1
\$5,000 and less than \$20,000.....	19.0	1.1	1.3	1.1	\$5,000 and less than \$20,000.....	21.3	3.4	1.3	1.8
\$20,000 and less than \$100,000.....	32.8	17.0	10.3	12.1	\$20,000 and less than \$100,000.....	31.9	13.0	8.4	9.3
\$100,000 and less than \$1,000,000 <sup>1</sup> .....	43.1	81.7	88.3	86.6	\$100,000 and less than \$1,000,000.....	37.6	58.1	60.4	61.2
Average per establishment.....	80	80	\$152,159	\$81,270	\$1,000,000 and over.....	3.4	25.4	29.8	27.6
					Average per establishment.....	87	87	\$188,016	\$92,426
					<b>Slaughtering and meat packing, 1909</b>				
<b>Jewelry, 1909</b>					Less than \$5,000.....	84	1,817	\$37,583,395	\$3,843,811
Less than \$5,000.....	150	4,098	\$13,272,004	\$6,977,606	\$5,000 and less than \$20,000.....	13	43	153,543	47,749
\$5,000 and less than \$20,000.....	12	18	33,273	20,032	\$20,000 and less than \$100,000.....	30	111	1,321,204	268,117
\$20,000 and less than \$100,000.....	27	154	320,723	185,678	\$100,000 and less than \$1,000,000.....	30	423	9,703,445	1,024,243
\$20,000 and less than \$100,000.....	75	1,382	3,501,291	1,949,511	\$1,000,000 and over.....	11	1,240	26,405,143	2,503,702
\$100,000 and less than \$1,000,000.....	36	2,454	9,356,717	4,816,385	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	15.5	2.4	0.4	1.2
Less than \$5,000.....	8.0	0.4	0.2	0.4	\$5,000 and less than \$20,000.....	35.7	6.1	3.5	7.0
\$5,000 and less than \$20,000.....	18.0	3.8	2.4	2.7	\$20,000 and less than \$100,000.....	35.7	23.3	25.8	26.6
\$20,000 and less than \$100,000.....	50.0	34.5	26.8	27.9	\$1,000,000 and over.....	13.1	68.2	70.3	65.1
\$100,000 and less than \$1,000,000.....	24.0	61.2	70.5	69.0	Average per establishment.....	22	22	\$447,421	\$45,780
Average per establishment.....	27	27	\$58,480	\$46,517	<b>Tobacco manufactures, 1909</b>				
					Less than \$5,000.....	462	9,466	\$24,177,343	\$13,381,069
					\$5,000 and less than \$20,000.....	360	202	687,856	460,092
					\$20,000 and less than \$100,000.....	60	274	538,786	345,435
					\$20,000 and less than \$100,000.....	27	540	1,065,647	632,603
					\$100,000 and less than \$1,000,000.....	8	1,521	2,157,927	1,244,882
					\$1,000,000 and over.....	7	6,869	19,727,127	10,697,407
					Per cent of total.....	100.0	100.0	100.0	100.0
					Less than \$5,000.....	77.9	2.8	2.8	3.4
					\$5,000 and less than \$20,000.....	13.0	2.9	2.2	2.6
					\$20,000 and less than \$100,000.....	5.8	5.7	4.4	4.7
					\$100,000 and less than \$1,000,000.....	1.7	16.1	8.9	9.3
					\$1,000,000 and over.....	1.5	72.6	81.6	79.9
					Average per establishment.....	20	20	\$52,332	\$28,963
					<b>Woolen, worsted, and felt goods, and wool hats, 1909</b>				
					Less than \$5,000.....	33	12,652	\$33,938,637	\$12,905,758
					\$5,000 and less than \$20,000.....	4	16	44,709	19,652
					\$20,000 and less than \$100,000.....	8	238	436,250	157,179
					\$100,000 and less than \$1,000,000.....	12	2,087	5,271,694	1,637,183
					\$1,000,000 and over.....	9	10,311	28,185,984	11,091,744
					Per cent of total.....	100.0	100.0	100.0	100.0
					Less than \$5,000.....	12.1	0.1	0.1	0.2
					\$5,000 and less than \$20,000.....	24.2	1.9	1.3	1.2
					\$100,000 and less than \$1,000,000.....	36.4	16.5	15.5	12.7
					\$1,000,000 and over.....	27.3	81.5	83.0	85.9
					Average per establishment.....	383	383	\$1,028,444	\$391,084
					<b>Paint and varnish, 1909</b>				
					Less than \$5,000.....	63	1,493	\$12,766,929	\$4,540,956
					\$5,000 and less than \$20,000.....	9	5	24,490	11,885
					\$20,000 and less than \$100,000.....	8	13	86,497	43,101
					\$100,000 and less than \$1,000,000.....	22	149	1,137,802	517,506
					\$1,000,000 and over.....	3	737	7,846,252	2,616,562
					Average per establishment.....	3	589	3,671,888	1,351,902
					Per cent of total.....	100.0	100.0	100.0	100.0
					Less than \$5,000.....	14.3	0.3	0.2	0.3
					\$5,000 and less than \$20,000.....	12.7	0.9	0.7	0.9
					\$20,000 and less than \$100,000.....	34.9	10.0	8.9	11.4
					\$100,000 and less than \$1,000,000.....	33.3	49.4	61.5	57.6
					\$1,000,000 and over.....	4.8	39.4	28.8	29.8
					Average per establishment.....	24	24	\$202,650	\$72,079

<sup>1</sup> Includes the group "\$1,000,000 and over."

<sup>2</sup> Includes the group "Less than \$5,000."

This table shows that in 1909, of the 8,817 manufacturing establishments in the state, only 194, or 2.2 per cent, had a value of products exceeding \$1,000,000. These establishments, however, employed an average of 126,142 wage earners, or 38.7 per cent of the total number for all establishments, and reported 56.7 per cent of the total value of products and 44.2 per cent of the total value added by manufacture.

On the other hand, the very small establishments—that is, those having a value of products of less than \$5,000—constituted a considerable proportion (25.9

per cent) of the total number of establishments, but the value of their products amounted to only five-tenths of 1 per cent of the total. The great bulk of the manufacturing was done in establishments having products valued at not less than \$100,000.

During the five years from 1904 to 1909 there was a marked increase in the proportion of the total value of products reported by the largest establishments—those reporting products to the value of \$1,000,000 and over—and a decrease in the proportions reported by each of the four remaining classes.

The fact that between 1904 and 1909, the average value of products per establishment increased from \$110,466 to \$129,923, and the average value added by manufacture from \$43,355 to \$48,259, can not be taken as in itself indicating a tendency toward concentration. The increased values shown may be, and probably are, due in part to the increase that has taken place in the price of commodities. The average number of wage earners per establishment decreased from 38 to 37.

In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed. The following table shows, for 1909, such a classification for all industries combined and for 35 important industries individually, and gives, not only the number of establishments in each group, but also the average number of wage earners employed.

INDUSTRY.	ESTABLISHMENTS EMPLOYING—									
	Total.	No wage earners.	1 to 5 wage earners.	6 to 20 wage earners.	21 to 50 wage earners.	51 to 100 wage earners.	101 to 250 wage earners.	251 to 500 wage earners.	501 to 1,000 wage earners.	Over 1,000 wage earners.
NUMBER OF ESTABLISHMENTS.										
<b>All industries</b> .....	<b>8,817</b>	<b>712</b>	<b>4,078</b>	<b>2,010</b>	<b>841</b>	<b>513</b>	<b>387</b>	<b>170</b>	<b>75</b>	<b>31</b>
Belting and hose, woven and rubber.....	12	1	1	1	1	3	3	2	1	1
Boots and shoes, including cut stock and findings.....	53	4	7	13	9	8	7	4	1	.....
Bread and other bakery products.....	1,217	77	961	154	19	3	3	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	23	.....	.....	1	3	8	2	4	4	1
Chemicals.....	50	1	11	9	13	8	2	3	2	.....
Clothing, men's, including shirts.....	150	3	22	49	39	19	14	3	1	.....
Copper, tin, and sheet-iron products.....	175	7	88	47	14	8	6	4	1	.....
Cotton goods, including cotton small wares.....	26	.....	3	7	2	3	4	4	2	.....
Dyeing and finishing textiles.....	67	.....	12	15	12	11	7	4	5	.....
Electrical machinery, apparatus, and supplies.....	69	.....	11	23	14	3	7	6	2	.....
Fertilizers.....	22	.....	9	6	2	.....	3	2	.....	.....
Foundry and machine-shop products.....	591	20	200	168	77	55	50	12	8	.....
Gas, illuminating and heating.....	47	.....	23	17	2	.....	3	1	.....	.....
Hats, fur-felt.....	58	1	11	8	12	10	11	4	1	.....
Iron and steel, steelworks and rolling mills.....	16	.....	.....	1	.....	4	5	3	2	.....
Jewelry.....	150	3	29	65	34	11	7	1	.....	.....
Leather, tanned, curried, and finished.....	86	1	8	24	27	6	15	3	.....	.....
Liquors, malt.....	33	.....	3	7	9	9	3	3	.....	.....
Lumber and timber products.....	416	10	215	142	34	12	1	2	.....	.....
Oil, not elsewhere specified.....	23	.....	8	9	4	2	.....	.....	.....	.....
Oilcloth and linoleum.....	10	.....	.....	2	.....	.....	.....	.....	.....	.....
Paint and varnish.....	63	3	29	14	9	4	4	2	1	.....
Paper and wood pulp.....	37	.....	1	7	11	11	6	1	.....	.....
Pottery, terra-cotta, and fire-clay products.....	88	1	9	14	18	13	23	8	2	.....
Printing and publishing.....	684	150	366	125	25	9	7	2	.....	.....
Rubber goods, not elsewhere specified.....	36	.....	4	7	4	6	10	.....	3	.....
Shipbuilding, including boat building.....	97	2	57	13	6	8	3	.....	.....	.....
Silk and silk goods, including throwsters.....	348	.....	29	102	74	63	54	19	4	.....
Slaughtering and meat packing.....	84	1	43	28	3	6	2	1	.....	.....
Smelting and refining, copper.....	4	.....	.....	.....	.....	.....	.....	.....	4	.....
Smelting and refining, not from the ore.....	14	.....	8	1	.....	1	.....	.....	.....	.....
Soap.....	21	3	6	4	2	3	2	.....	1	.....
Tobacco manufactures.....	462	180	222	35	13	2	.....	4	3	.....
Wire.....	7	.....	3	1	.....	.....	.....	3	.....	.....
Woolen, worsted, and felt goods, and wool hats.....	33	.....	4	7	.....	.....	7	4	.....	.....
All other industries.....	3,545	236	1,679	889	340	200	111	59	21	10
AVERAGE NUMBER OF WAGE EARNERS.										
<b>All industries</b> .....	<b>326,223</b>	<b>10,005</b>	<b>22,539</b>	<b>27,554</b>	<b>36,848</b>	<b>60,448</b>	<b>59,516</b>	<b>52,497</b>	<b>56,816</b>	<b>.....</b>
Belting and hose, woven and rubber.....	2,295	4	12	41	196	516	824	702	.....	.....
Boots and shoes, including cut stock and findings.....	4,232	14	146	296	592	1,215	1,420	549	.....	.....
Bread and other bakery products.....	4,936	.....	2,282	1,400	640	225	389	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	6,604	.....	.....	7	82	609	231	1,363	3,072	1,240
Chemicals.....	5,046	38	138	445	645	333	977	1,296	1,174	.....
Clothing, men's, including shirts.....	6,994	63	550	1,263	1,344	2,059	832	878	.....	.....
Copper, tin, and sheet-iron products.....	5,002	266	478	385	629	966	1,383	905	.....	.....
Cotton goods, including cotton small wares.....	6,638	10	81	89	249	692	1,520	1,501	2,406	.....
Dyeing and finishing textiles.....	10,129	34	170	369	691	1,098	614	3,042	4,111	.....
Electrical machinery, apparatus, and supplies.....	11,099	34	293	479	226	1,213	2,161	1,297	5,396	.....
Fertilizers.....	1,208	19	65	.....	.....	452	606	.....	.....	.....
Foundry and machine-shop products.....	27,815	560	1,915	2,385	3,927	7,524	3,962	5,921	1,621	.....
Gas, illuminating and heating.....	1,917	69	175	81	.....	492	484	616	.....	.....
Hats, fur-felt.....	4,657	37	88	436	746	1,549	1,226	575	.....	.....
Iron and steel, steelworks and rolling mills.....	4,671	6	.....	.....	277	845	1,027	1,435	1,081	.....
Jewelry.....	4,008	84	796	1,123	721	1,025	259	.....	.....	.....
Leather, tanned, curried, and finished.....	5,500	24	335	916	415	2,375	1,495	.....	.....	.....
Liquors, malt.....	2,125	11	94	321	570	471	658	.....	.....	.....
Lumber and timber products.....	4,857	570	1,587	1,115	840	217	528	.....	.....	.....
Oil, not elsewhere specified.....	419	21	124	145	129	.....	.....	.....	.....	.....
Oilcloth and linoleum.....	2,123	.....	67	144	390	850	672	.....	.....	.....
Paint and varnish.....	1,493	64	149	327	258	695	.....	.....	.....	.....
Paper and wood pulp.....	2,223	5	92	323	690	748	306	.....	.....	.....
Pottery, terra-cotta, and fire-clay products.....	9,815	18	168	601	967	3,869	2,820	1,372	.....	.....
Printing and publishing.....	5,461	966	1,193	795	607	1,219	671	.....	.....	.....
Rubber goods, not elsewhere specified.....	4,255	19	90	103	347	1,606	.....	2,090	.....	.....
Shipbuilding, including boat building.....	4,869	116	124	206	588	523	453	.....	.....	2,859
Silk and silk goods, including throwsters.....	30,285	73	1,290	2,540	4,586	8,590	6,860	2,592	3,754	.....
Slaughtering and meat packing.....	1,817	119	322	106	436	442	392	.....	.....	.....
Smelting and refining, copper.....	2,322	.....	.....	.....	.....	.....	.....	.....	2,322	.....
Smelting and refining, not from the ore.....	1,057	13	16	.....	89	358	.....	581	.....	.....
Soap.....	1,599	11	47	87	195	290	.....	969	.....	.....
Tobacco manufactures.....	9,466	390	368	379	158	.....	1,715	2,578	3,878	.....
Wire.....	5,646	.....	14	.....	158	.....	1,088	.....	4,386	.....
Woolen, worsted, and felt goods, and wool hats.....	12,652	7	44	274	.....	1,049	2,305	3,074	5,899	.....
All other industries.....	110,938	4,069	10,162	11,010	14,594	17,007	20,717	14,458	18,921	.....

INDUSTRY.	Total.	ESTABLISHMENTS EMPLOYING—								
		No wage earners.	1 to 5 wage earners.	6 to 20 wage earners.	21 to 50 wage earners.	51 to 100 wage earners.	101 to 250 wage earners.	251 to 500 wage earners.	501 to 1,000 wage earners.	Over 1,000 wage earners.
		PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.								
<b>All industries.....</b>	<b>100.0</b>	<b>3.1</b>	<b>6.9</b>	<b>8.4</b>	<b>11.3</b>	<b>18.5</b>	<b>18.2</b>	<b>16.1</b>	<b>17.4</b>	
Belting and hose, woven and rubber.....	100.0	0.2	0.5	1.8	8.5	22.5	35.9	30.6	.....	
Boots and shoes, including cut stock and findings.....	100.0	0.3	3.4	7.0	14.0	28.7	33.6	13.0	.....	
Bread and other bakery products.....	100.0	46.2	23.4	13.0	4.6	7.9	.....	.....	.....	
Cars and general shop construction and repairs by steam-railroad companies.....	100.0	.....	0.1	1.2	9.2	3.5	20.6	46.5	18.8	
Chemicals.....	100.0	0.8	2.7	8.8	12.8	6.6	19.4	25.7	23.3	
Clothing, men's, including shirts.....	100.0	1.0	7.9	18.1	19.2	29.4	11.9	12.6	.....	
Copper, tin, and sheet-iron products.....	100.0	5.1	9.6	7.7	12.6	19.3	27.6	18.1	.....	
Cotton goods, including cotton small wares.....	100.0	0.2	1.2	1.3	3.3	10.4	22.9	22.6	37.6	
Dyeing and finishing textiles.....	100.0	0.3	1.7	3.6	6.8	10.8	6.1	30.0	40.6	
Electrical machinery, apparatus, and supplies.....	100.0	0.3	2.6	4.3	2.0	10.9	19.5	11.7	48.6	
Fertilizers.....	100.0	1.6	5.4	5.5	.....	37.4	50.2	.....	.....	
Foundry and machine-shop products.....	100.0	2.0	6.9	8.6	14.1	27.0	14.2	21.9	5.8	
Gas, illuminating and heating.....	100.0	3.6	9.1	4.2	.....	25.7	26.2	32.1	.....	
Hats, fur-felt.....	100.0	0.8	1.9	9.4	16.0	33.3	23.0	12.3	.....	
Iron and steel, steel works and rolling mills.....	100.0	.....	0.1	.....	5.9	18.1	22.0	30.7	23.1	
Jewelry.....	100.0	2.1	19.9	28.0	18.0	25.6	6.5	.....	.....	
Leather, tanned, curried, and finished.....	100.0	0.4	6.0	16.5	7.5	42.7	26.9	.....	.....	
Liquors, malt.....	100.0	0.5	4.4	15.1	26.8	22.2	31.0	.....	.....	
Lumber and timber products.....	100.0	11.7	32.7	23.0	17.3	4.5	10.9	.....	.....	
Oil, not elsewhere specified.....	100.0	5.0	29.0	34.6	30.8	.....	.....	31.7	.....	
Oilcloth and linoleum.....	100.0	.....	3.2	6.8	18.4	40.0	.....	.....	.....	
Paint and varnish.....	100.0	4.3	10.0	21.9	17.3	46.5	.....	.....	.....	
Paper and wood pulp.....	100.0	0.2	4.1	17.2	31.0	33.6	13.8	.....	.....	
Pottery, terra-cotta, and fire-clay products.....	100.0	0.2	1.7	6.1	9.9	39.4	28.7	14.0	.....	
Printing and publishing.....	100.0	17.7	21.9	14.6	11.1	22.4	12.3	.....	.....	
Rubber goods, not elsewhere specified.....	100.0	0.4	2.1	2.4	8.2	37.7	.....	49.1	.....	
Shipbuilding, including boat building.....	100.0	2.4	2.5	4.2	12.1	10.7	9.3	.....	58.7	
Silk and silk goods, including throwsters.....	100.0	0.2	4.3	8.4	15.1	28.4	22.7	8.6	12.4	
Slaughtering and meat packing.....	100.0	6.5	17.7	5.8	24.0	24.3	21.6	.....	.....	
Smelting and refining, copper.....	100.0	.....	.....	.....	.....	.....	.....	100.0	.....	
Smelting and refining, not from the ore.....	100.0	1.2	1.5	.....	8.4	33.9	.....	55.0	.....	
Soap.....	100.0	0.7	2.9	5.4	12.2	18.1	.....	60.6	.....	
Tobacco manufactures.....	100.0	4.1	3.9	4.0	1.7	.....	18.1	27.2	41.0	
Wire.....	100.0	.....	0.2	.....	2.8	.....	19.3	.....	77.7	
Woolen, worsted, and felt goods, and wool hats.....	100.0	0.1	0.3	2.2	.....	8.3	18.2	24.3	46.6	
All other industries.....	100.0	3.7	9.2	9.9	13.2	15.3	18.7	13.0	17.1	

Of the 8,817 establishments reported for all industries, 8.1 per cent employed no wage earners; 46.3 per cent, from 1 to 5; 22.8 per cent, from 6 to 20; 9.5 per cent, from 21 to 50; and 13.3 per cent, 51 or more. The largest single group consists of the 4,078 establishments employing from 1 to 5 wage earners each, and the next of the 2,010 establishments employing from 6 to 20 wage earners. There were 276 establishments that employed over 250 wage earners, including 31 that employed over 1,000.

Of the total number of wage earners, 51.7 per cent were in establishments employing over 250 wage earners. The single group having the largest number of wage earners was that comprising the establishments employing from 101 to 250 each. These establishments employed 60,448 wage earners, or 18.5 per cent of the total. Most of the industries listed in this table but not in the preceding one are industries in which comparatively large establishments do most of the business, as appears from the classification according to the number of wage earners.

**Expenses.**—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the cost of manufacture and profits. Facts of interest can, however, be brought out concerning the relative importance of the different classes of expenses which make up the total.

The following table shows, for 1909, in percentages, the distribution of expenses among the classes indi-

cated for all industries combined and for certain important industries separately. The figures on which the percentages are based appear in Table II, page 670.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
<b>All industries.....</b>	<b>4.7</b>	<b>16.4</b>	<b>69.7</b>	<b>9.2</b>
Belting and hose, woven and rubber.....	6.0	13.3	68.9	11.9
Boots and shoes, including cut stock and findings.....	6.0	25.6	63.0	5.4
Bread and other bakery products.....	2.4	19.5	71.8	6.4
Cars and general shop construction and repairs by steam-railroad companies.....	6.2	42.5	47.2	4.0
Chemicals.....	8.4	15.3	64.9	11.3
Clothing, men's, including shirts.....	4.7	31.7	54.7	8.9
Copper, tin, and sheet-iron products.....	5.7	27.5	61.1	5.6
Cotton goods, including cotton small wares.....	3.2	20.8	69.2	6.8
Dyeing and finishing textiles.....	7.6	37.1	47.0	8.3
Electrical machinery, apparatus, and supplies.....	8.7	22.0	56.5	12.8
Fertilizers.....	3.7	7.8	81.5	7.1
Foundry and machine-shop products.....	9.0	28.9	51.1	11.0
Gas, illuminating and heating.....	6.9	9.4	31.4	52.3
Hats, fur-felt.....	5.8	36.3	50.2	7.6
Iron and steel, steel works and rolling mills.....	6.2	25.6	60.1	8.2
Jewelry.....	11.3	22.7	56.4	9.6
Leather, tanned, curried, and finished.....	3.0	13.6	79.3	4.1
Liquors, malt.....	7.4	11.3	30.0	51.3
Lumber and timber products.....	4.0	22.5	68.6	4.8
Oil, not elsewhere specified.....	6.4	3.4	83.3	7.0
Oilcloth and linoleum.....	2.2	13.4	75.1	9.3
Paint and varnish.....	9.9	7.6	74.2	8.3
Paper and wood pulp.....	6.5	16.8	67.9	8.8
Pottery, terra-cotta, and fire-clay products.....	9.1	49.9	31.3	9.7
Printing and publishing.....	13.4	37.1	35.5	14.0
Rubber goods, not elsewhere specified.....	4.5	13.4	75.7	6.4
Shipbuilding, including boat building.....	7.0	38.3	49.4	5.3
Silk and silk goods, including throwsters.....	3.9	23.4	55.8	16.9
Slaughtering and meat packing.....	1.7	3.5	92.2	2.5
Smelting and refining, copper.....	0.3	1.1	98.0	0.6
Smelting and refining, not from the ore.....	2.2	7.2	85.6	5.0
Soap.....	7.5	6.7	60.1	25.7
Tobacco manufactures.....	4.0	15.1	51.7	29.3
Wire.....	2.3	10.1	81.5	6.1
Woolen, worsted, and felt goods, and wool hats.....	3.1	17.7	74.9	4.3
All other industries.....	4.7	16.1	71.2	8.0

The table shows that, for all industries combined, 69.7 per cent of the total expenses were incurred for materials, 21.1 per cent for services—that is, salaries and wages—and 9.2 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries.

**Engines and power.**—The following table shows, for all industries combined, the number of engines or other motors, according to their character, employed in generating power (including electric motors operated by purchased current), and their total horsepower at the censuses of 1909, 1904, and 1899. It also shows separately the number and horsepower of electric motors, including those operated by current generated in the manufacturing establishments.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 <sup>1</sup>	1909	1904	1899 <sup>1</sup>	1909	1904	1899
<b>Primary power, total.....</b>	<b>13,044</b>	<b>6,090</b>	<b>5,738</b>	<b>612,293</b>	<b>436,274</b>	<b>322,503</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Owned.....</b>	<b>8,039</b>	<b>6,090</b>	<b>5,738</b>	<b>570,391</b>	<b>417,362</b>	<b>312,401</b>	<b>93.2</b>	<b>95.7</b>	<b>96.9</b>
Steam.....	6,378	4,876	4,794	529,668	386,770	281,306	86.5	88.7	87.2
Gas.....	1,116	677	420	20,867	9,070	3,284	3.4	2.1	1.0
Water wheels.....	496	504	524	18,558	18,072	20,161	3.0	4.1	6.3
Water motors.....	49	33	( <sup>2</sup> )	1,118	125	( <sup>2</sup> )	0.2	( <sup>2</sup> )	( <sup>2</sup> )
Other.....				180	3,325	7,650	( <sup>2</sup> )	0.8	2.4
<b>Rented.....</b>	<b>5,005</b>	<b>(<sup>2</sup>)</b>	<b>(<sup>2</sup>)</b>	<b>41,902</b>	<b>18,912</b>	<b>10,102</b>	<b>6.8</b>	<b>4.3</b>	<b>3.1</b>
Electric.....	5,005	( <sup>2</sup> )	( <sup>2</sup> )	33,157	10,603	4,126	5.4	2.4	1.3
Other.....				8,745	8,309	5,976	1.4	1.9	1.9
<b>Electric motors</b>	<b>17,145</b>	<b>4,673</b>	<b>804</b>	<b>182,475</b>	<b>69,301</b>	<b>15,857</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Run by current generated by establishment.....	12,140	4,673	804	149,318	58,698	11,731	81.8	84.7	74.0
Run by rented power.....	5,005	( <sup>2</sup> )	( <sup>2</sup> )	33,157	10,603	4,126	18.2	15.3	26.0

<sup>1</sup> Includes the neighborhood industries and hand trades, omitted in 1904 and 1909.  
<sup>2</sup> Not reported.

<sup>3</sup> Less than one-tenth of 1 per cent.

Of the increase of 289,790 horsepower in the total primary power from 1899 to 1909, 248,362 horsepower was in that generated by steam engines. The proportion of steam power in the total primary power, however, increased from 87.2 per cent in 1899 to 88.7 per cent in 1904 but decreased to 86.5 per cent in 1909. The more general use of gas engines is shown, there being 1,116 such engines, with an indicated capacity of 20,867 horsepower, reported in 1909, as against 677 engines, with 9,070 horsepower, in 1904 and 420 engines, with 3,284 horsepower, in 1899. The figures also show that the practice of renting electric power is on the increase, 5.4 per cent of the total power being of this character in 1909, as compared with 2.4 per cent

in 1904 and 1.3 per cent in 1899. Water power and the owned power classed as "Other" show decreases for the decade.

The use of electric motors for the purpose of applying the power generated within the establishment is also shown to be increasing rapidly, the horsepower of such motors having increased from 11,731 in 1899 to 58,698 in 1904 and 149,318 in 1909.

**Fuel.**—Closely related to the question of kind of power employed is that of the fuel consumed in generating this power or otherwise utilized as material in the manufacturing processes.

The following table shows the quantity of each kind of fuel used in 1909 for all industries combined and for certain selected industries:

INDUSTRY.	Anthracite coal (tons).	Bituminous coal (tons).	Coke (tons).	Wood (cords)	Oil, including gasoline (barrels)	Gas (1,000 feet).
<b>All industries.....</b>	<b>3,725,740</b>	<b>3,763,581</b>	<b>739,083</b>	<b>43,571</b>	<b>1,189,592</b>	<b>842,742</b>
Belting and hose, woven and rubber.....	37,383	13,799				7
Boots and shoes, including cut stock and findings.....	4,020	2,911	10		192	1,314
Bread and other bakery products.....	47,551	4,398	5,769	2,098	83	18,676
Cars and general shop construction and repairs by steam-railroad companies.....	62,135	50,519		4		923
Chemicals.....	215,265	76,734	1,863	50	3,939	1,850
Clothing, men's, including shirts.....	5,254	193		8	239	110,111
Copper, tin, and sheet-iron products.....	9,177	8,247	399	20	1,583	13,543
Cotton goods, including cotton small wares.....	48,596	29,905			1	1,365
Dyeing and finishing textiles.....	304,610	109,535	190		1,640	39,122
Electrical machinery, apparatus, and supplies.....	26,633	45,919	549	30	3,248	74,505
Fertilizers.....	11,479	30,304		10	50	7
Foundry and machine-shop products.....	117,348	161,059	92,806	4,159	20,165	38,928
Gas, illuminating and heating.....	72,990	179,915	3,428	4	628,280	
Hats, fur-felt.....	29,097	8,902		15	1	16,356
Iron and steel, steel works and rolling mills.....	31,671	252,611	8,964	877	32,086	3,347
Jewelry.....	2,879	639	31	8	365	13,726
Leather, tanned, curried, and finished.....	14,569	77,345	192	5	125	698
Liquors, malt.....	97,275	19,051		10	253	276
Lumber and timber products.....	10,770	6,127	42	132	694	8,655
Oil, not elsewhere specified.....	9,762	6,328	45	5,015	16	60
Oilcloth and linoleum.....	17,439	65,395	1,557			
Paint and varnish.....	17,903	42,871	1,581	3	13	1,054
Paper and wood pulp.....	167,046	79,431			52	
Pottery, terra-cotta, and fire-clay products.....	80,785	291,857	1,142	1,238	703	126
Printing and publishing.....	8,518	5,624	62	25	276	19,200
Rubber goods, not elsewhere specified.....	20,120	69,485	25		9	
Shipbuilding, including boat building.....	3,526	33,460	1,543	83	380	506
Silk and silk goods, including throwsters.....	74,090	16,817		8	273	5,640
Slaughtering and meat packing.....	54,468	2,355		1,031	284	4,606
Smelting and refining, copper.....	223,603	92,829	36,626		25,225	1,173
Smelting and refining, not from the ore.....	6,068	68,816	21,169	885	53,112	238
Soap.....	27,240	21,625	81		1	360
Tobacco manufactures.....	20,296	1,529		85	77	8,101
Wire.....	13,628	113,117	2,614		42,930	
Woolen, worsted, and felt goods, and wool hats.....	126,841	26,436			1,358	
All other industries.....	1,708,700	1,747,453	558,395	27,768	371,016	459,198

NOTE.—In addition, there were 9,515 tons of other varieties of fuel reported.

### SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom sawmills and gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and cost of materials and the quantity and value of products, number and classes of machines used,

and other information for securing which no provision is made on the general schedule. Certain data of this character for a number of important industries in New Jersey are here presented.



**Textiles.**—The relative importance of seven of the eight principal textile industries in New Jersey, measured by value of products, is shown in the following table, which presents the total amount reported for each at the last three censuses:

INDUSTRY.	VALUE OF PRODUCTS.		
	1909	1904	1899
<b>Total</b> .....	\$133,205,000	\$85,045,000	\$72,640,000
Silk and silk goods, including throwsters.	65,430,000	42,863,000	39,967,000
Woolen, worsted, and felt goods, and wool hats	33,939,000	16,394,000	12,270,000
Cotton goods, including cotton small wares	13,729,000	8,579,000	6,931,000
Hats, fur-felt.....	3,825,000	9,540,000	7,211,000
Cordage and twine and jute and linen goods	5,527,000	3,371,000	2,956,000
Hosiery and knit goods.....	3,810,000	2,549,000	1,782,000
Carpets and rugs, other than rag.....	1,945,000	1,749,000	1,523,000

The progress of the textile industries in New Jersey during the past decade is indicated by the following table, which shows the number of spindles, looms, and other equipment reported for four leading industries of this group in 1909, 1904, and 1899:

MACHINE.	Cen-sus.	Total.	Cotton goods, including cotton small wares.	Woolen, worsted, and felt goods, and wool hats.	Silk and silk goods, including throwsters.	Hosiery and knit goods.
Producing spindles.....	1909	910,724	420,784	230,714	249,644	9,582
	1904	864,984	436,764	181,293	237,465	9,462
	1899	868,812	431,730	147,084	281,590	8,408
Looms.....	1909	37,287	3,381	4,991	28,915	.....
	1904	29,984	2,250	3,799	23,935	.....
	1899	25,487	2,276	2,639	20,572	.....
Knitting machines.....	1909	1,492	.....	.....	.....	1,492
	1904	1,345	.....	.....	.....	1,345
	1899	1,335	.....	.....	.....	1,335
Woolen cards (sets).....	1909	163	.....	131	.....	32
	1904	205	.....	179	.....	26
	1899	223	.....	197	.....	26
Wool-combing machines	1909	265	.....	265	.....	.....
	1904	166	.....	166	.....	.....
	1899	125	.....	125	.....	.....

The total number of producing spindles increased from 864,984 in 1904 to 910,724 in 1909, or 5.3 per cent, the largest increase being in the woolen and worsted goods industry. The total number of looms increased from 29,984 in 1904 to 37,287 in 1909, or 24.4 per cent, the largest relative gain being in the cotton-goods industry, although both the silk and the woolen industries show substantial increases. The number of sets of woolen cards decreased, while the number of combing machines increased, these changes resulting from a decline in the woolen branch and a rapid growth in the worsted branch of the woolen and worsted goods industry.

**Silk and silk goods, including throwsters.**—The next table gives in detail the quantity and cost of the principal materials used and the quantity and value of the principal products manufactured in the silk-goods industry in 1909, 1904, and 1899.

The raw silk used in 1909 amounted to 6,112,647 pounds, costing \$23,705,609, an increase of 72 per cent in quantity and 70.3 per cent in cost over the corresponding figures for 1904. The quantity of spun silk

purchased in 1909 was greater than in 1904; but the quantity of organzine and tram purchased was somewhat less. The latter condition is due to a large extent to the increase in the practice among the mills of having the raw silk thrown on contract instead of purchasing the silk in the form of organzine and tram.

Of the products, plain and fancy broad silks were the most important. The output of those made wholly of silk in 1909 was 36,759,094 yards, valued at \$24,000,880, a gain of 11.5 per cent in quantity and 26.1 per cent in value over the corresponding figures for 1904. The production of all-silk Jacquards practically doubled in the five years. In each class of broad silks, the silk-mixed fabrics show a greater relative increase than the all-silk fabrics. The value of the ribbons produced in 1909 shows a gain of 49.2 per cent over 1904, and of 79.5 per cent over 1899. The large increase in the amount received for contract work is indicative of the greater prevalence of commission throwing; the quantity of silk thrown on commission in 1909 was 2,661,205 pounds, as compared with 1,689,088 pounds in 1904.

MATERIAL OR PRODUCT.	1909	1904	1899
<b>Materials used, total cost</b> .....	\$33,265,177	\$22,339,447	\$21,631,118
<b>Silk:</b>			
Raw—			
Pounds.....	6,112,647	3,553,090	3,155,334
Cost.....	\$23,705,609	\$13,920,194	\$13,514,501
Spun—			
Pounds.....	244,617	154,201	178,735
Cost.....	\$628,027	\$341,298	\$533,612
Artificial—			
Pounds.....	103,148	8,066	.....
Cost.....	\$197,208	\$35,074	.....
Organzine and tram—			
Pounds.....	1,143,754	1,343,081	1,209,012
Cost.....	\$4,899,843	\$5,832,154	\$5,702,506
<b>Yarns, other than silk:</b>			
Cotton—			
Pounds.....	1,889,158	1,054,973	757,486
Cost.....	\$781,061	\$402,480	\$304,481
Mercerized cotton—			
Pounds.....	490,307	261,905	122,053
Cost.....	\$390,198	\$203,204	\$90,013
Woolen or worsted—			
Pounds.....	69,169	25,725	16,940
Cost.....	\$106,333	\$27,962	\$15,042
Other—			
Pounds.....	122,303	14,891	480
Cost.....	\$170,009	\$10,022	\$170
Chemicals and dyestuffs.....	\$455,342	\$191,553	(1)
Fuel and rent of power.....	\$537,514	\$404,394	\$243,212
All other materials.....	\$1,394,033	\$965,512	\$1,227,531
<b>Products, total value</b> .....	\$65,429,550	\$42,862,907	\$39,966,662
<b>Organzine and tram, for sale:</b>			
Pounds.....	266,458	171,187	315,646
Value.....	\$1,240,406	\$777,250	\$1,500,060
<b>Broad silks:</b>			
Plain and fancy—			
All-silk—			
Yards, single width.....	36,759,094	32,971,793	28,268,970
Value.....	\$24,000,880	\$19,031,558	\$18,871,325
Silk-mixed—			
Yards, single width.....	6,077,863	1,822,091	2,331,493
Value.....	\$3,808,772	\$1,404,546	\$1,680,091
Jacquard—			
All-silk—			
Yards, single width.....	10,880,081	5,480,654	6,451,655
Value.....	\$8,352,659	\$4,388,069	\$4,722,532
Silk-mixed—			
Yards, single width.....	2,722,960	1,220,195	1,466,355
Value.....	\$1,970,175	\$749,466	\$1,154,365
Piece-dyed—			
All-silk—			
Yards, single width.....	4,763,872	3,874,771	1,694,675
Value.....	\$3,200,166	\$2,175,034	\$905,942
Silk-mixed—			
Yards, single width.....	3,584,329	1,331,233	381,000
Value.....	\$1,834,553	\$439,935	\$154,500
Ribbons.....	\$14,971,005	\$10,036,331	\$8,341,721
Laces, nets, veils, veilings, etc.....	\$531,923	\$414,891	\$423,257
All other products.....	\$3,082,438	\$2,446,937	\$1,446,025
Amount received for contract work.....	\$2,436,573	\$993,890	\$766,844

<sup>1</sup>Not reported separately.

Woolen, worsted, and felt goods, and wool hats.—The following table gives the quantity and cost of the principal materials used in this industry in 1909, 1904, and 1899:

MATERIAL.	1909	1904	1899 <sup>1</sup>
Total cost.....	\$21,032,879	\$10,627,540	\$7,625,895
Wool:			
In condition purchased—			
Pounds.....	44,150,157	37,371,456	18,005,603
Cost.....	\$11,673,250	\$6,865,098	\$5,128,902
Domestic—			
Pounds.....	31,109,309	33,963,274	13,022,301
Cost.....	\$6,896,485	\$5,638,501	\$3,611,294
Foreign—			
Pounds.....	13,040,848	3,408,182	4,983,302
Cost.....	\$4,776,765	\$1,226,597	\$1,517,608
Equivalent in scoured condition, pounds.....	22,346,674	14,859,789	9,728,167
Tailors' clippings, rags, etc.:			
Pounds.....	1,051,906	5,813,231	(2)
Cost.....	\$42,276	\$283,393	\$186,667
Cotton:			
Pounds.....	228,378	625,301	1,519,668
Cost.....	\$26,541	\$69,456	\$106,294
Shoddy, mungo, and wool extract:			
Pounds.....	272,038	264,764	195,983
Cost.....	\$37,974	\$40,562	\$26,250
Waste and noils:			
Pounds.....	1,586,752	973,898	1,209,093
Cost.....	\$557,593	\$240,702	\$320,636
Yarns, purchased:			
Worsted—			
Pounds.....	5,869,786	1,307,443	375,520
Cost.....	\$5,823,416	\$995,207	\$256,693
Woolen—			
Pounds.....	90,084	138,627	283,000
Cost.....	\$73,145	\$96,907	\$169,480
Cotton—			
Pounds.....	833,227	1,319,443	966,787
Cost.....	\$189,702	\$293,620	\$190,402
Silk and spun silk—			
Pounds.....	6,122	5,855	1,806
Cost.....	\$31,284	\$18,227	\$4,965
Chemicals and dyestuffs.....	\$482,983	\$384,717	\$338,234
Fuel and rent of power.....	\$408,317	\$262,916	\$153,987
All other materials.....	\$1,691,398	\$1,070,735	\$737,485

<sup>1</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

<sup>2</sup> Not reported.

This table shows a number of important changes between 1904 and 1909 in the quantity and character of the materials used in the industry. The quantity of foreign wool used increased greatly, while that of domestic wool decreased. In 1909, of the total quantity of wool reported, 70.5 per cent was domestic and 29.5 per cent foreign, while in 1904 the proportions were 90.9 per cent and 9.1 per cent, respectively. There was an increase in total quantity of wool, as shown on the scoured-wool basis, from 9,728,167 pounds in 1899 to 22,346,674 pounds in 1909. The quantity of tailors' clippings, rags, etc., and of cotton and cotton yarn purchased fell off considerably, but the quantity of worsted yarn purchased increased 248.2 per cent from 1899 to 1904, and 349 per cent from 1904 to 1909.

The quantities and values of the products of the industry are shown in the next table.

The increase in wool manufactures as a whole has been almost entirely in the worsted-goods branch of the industry. The output of worsted dress goods more than quadrupled during the decade, amounting in 1909 to 19,126,851 square yards, valued at \$10,855,092. Included under the head of "All other" all-wool woven goods are large quantities of carded wool fabrics, especially woolen dress goods. Contrasted with the large increases in all-wool fabrics are the decreases in the

quantities of cotton-mixed and cotton-warp goods. The large increase in the quantity of worsted yarn produced for sale indicates a greater degree of specialization in the industry. Because of the fact that the spinning and the weaving operations are frequently carried on in different establishments, the products of one establishment in the industry often become materials for another. To the extent, therefore, that the yarns manufactured for sale were sold by the establishments producing them to other establishments in the state engaged in the woolen industry, for use as materials in their manufacturing processes, a duplication is involved in the total cost of materials and value of products for the industry.

PRODUCT.	1909	1904	1899 <sup>1</sup>
Total value.....	\$33,938,637	\$16,393,689	\$12,270,317
All-wool woven goods, both woolen and worsted:			
Worsted coatings and suitings—			
Square yards.....	2,660,339	1,370,951	868,850
Value.....	\$3,643,739	\$1,089,384	\$617,316
Worsted dress goods—			
Square yards.....	19,126,851	11,693,773	4,368,475
Value.....	\$10,855,092	\$4,296,178	\$1,310,543
All other—			
Square yards.....	5,005,897	3,740,102	2,941,188
Value.....	\$4,422,523	\$2,206,403	\$1,708,952
Cotton-mixed and cotton-warp woven goods:			
Square yards.....	3,216,002	8,006,335	7,499,379
Value.....	\$1,362,695	\$2,491,003	\$3,802,261
Worsted yarn, for sale:			
Pounds.....	11,100,625	5,676,075	<sup>2</sup> 4,665,683
Value.....	\$11,517,331	\$4,610,434	\$3,605,322
Noils:			
Pounds.....	1,623,352	878,838	708,793
Value.....	\$588,740	\$311,906	\$229,424
Waste:			
Pounds.....	2,102,373	1,136,229	702,392
Value.....	\$523,524	\$326,740	\$211,683
All other products.....	\$1,019,993	\$1,061,641	\$784,816

<sup>1</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

<sup>2</sup> Includes tops.

Cotton goods, including cotton small wares.—The following table shows the quantity and cost of the principal materials used and the quantity and value of products reported for this industry in 1909, 1904, and 1899:

MATERIAL OR PRODUCT.	1909	1904 <sup>1</sup>	1899
Materials used, total cost.....	\$8,564,733	\$5,142,785	\$3,157,768
Cotton:			
Pounds.....	18,400,527	16,319,367	15,287,868
Cost.....	\$3,113,446	\$2,647,840	\$1,411,743
Cotton yarn:			
Pounds.....	10,451,910	5,523,955	2,916,328
Cost.....	\$4,206,668	\$1,385,751	\$582,929
Starch.....	\$33,040	\$19,711	\$26,821
Chemicals and dyestuffs.....	\$111,385	\$75,363	\$208,015
Fuel and rent of power.....	\$199,252	\$178,570	\$127,700
All other materials.....	\$900,942	\$835,550	\$710,560
Products, total value.....	\$13,728,874	\$8,578,527	\$6,930,766
Plain and fancy fabrics, twills, sateens, and duck:			
Square yards.....	17,376,260	18,159,747	13,159,526
Value.....	\$4,064,351	\$1,606,199	\$1,280,540
Other woven goods:			
Square yards.....	22,820,187	12,145,798	15,107,858
Value.....	\$1,255,644	\$468,295	\$537,472
Yarns, for sale:			
Pounds.....	4,926,844	4,230,629	3,727,865
Value.....	\$1,810,075	\$1,285,023	\$870,824
Waste, for sale:			
Pounds.....	3,569,041	3,305,170	2,547,061
Value.....	\$211,347	\$203,633	\$78,208
All other products.....	\$6,387,457	\$5,015,377	\$4,163,722

<sup>1</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

The quantity of raw cotton consumed increased 2,081,160 pounds, or 12.8 per cent, and its cost \$465,606, or 17.6 per cent, from 1904 to 1909. The cost of cotton used in 1909 averaged almost 17 cents a pound, the highest for any of the states. This is accounted for by the extensive use of sea-island and Egyptian cottons in the manufacture of thread. The fact that the quantity of cotton yarn purchased nearly doubled during the same five-year period indicates an increasing reliance by the weavers upon independent spinners of cotton yarn.

Thread is the most important product of the cotton mills of the state, but in order to avoid disclosure of the operations of individual establishments the value is included under "All other products." The output of plain and fancy fabrics, twills, sateens, and duck was smaller in quantity in 1909 than in 1904, but more than twice as great in value. This is due very largely to a decrease in the production of fancy woven fabrics and to a very large increase in the production of high-grade duck. The products included under the head of "Other woven goods," which increased 87.9 per cent in quantity and 168.1 per cent in value from 1904 to 1909, consist principally of cotton towels and towel-ing, mosquito netting, and tapestries.

To the extent that the yarns made in the state for sale were sold by the establishment producing them to other establishments in New Jersey engaged in the cotton-goods industry, for use as material in their manufacturing processes, their value represents a duplication in both the total cost of materials and the total value of products for the state.

**Slaughtering and meat packing.**—The remarkable growth in this industry from 1904 to 1909 was due largely to the growth of the meat-packing branch of the industry. The table following shows the quantity and cost of materials and the quantity and value of products for 1909, 1904, and 1899.

The cost of dressed meat purchased fresh for curing increased from \$1,706,436, representing 10.6 per cent of the total cost of all materials used, in 1904, to \$10,175,511, representing 30.2 per cent of the total cost of materials, in 1909. From 1904 to 1909 the output of fresh beef increased 63.6 per cent and its value 89.1 per cent, while the quantity of beef, salted or cured, was more than eighteen times as great in 1909 as in 1904 and its value was more than nineteen times as great. The output of fresh pork, the product of greatest value at each census, decreased 20.7 per cent from 1904 to 1909, but its value increased 23.9 per cent, while the output of pork, salted or cured, increased 157.1 per cent and its value 247.5 per cent. The quantity of lard reported for 1909 was more than nine times, and its value more than fourteen times, as great as in 1904. Of the other products, veal and mutton show a decrease in quantity, but an increase in value, "All other fresh meats" show a small increase in quantity but a decrease in value, sheep pelts show

a decrease in both quantity and value, while the remaining products show considerable increases in both respects.

MATERIAL OR PRODUCT.	1909	1904	1899
<b>Materials used, total cost</b> .....	<b>\$33, 739, 584</b>	<b>\$16, 070, 854</b>	<b>\$12, 965, 008</b>
Beeves slaughtered:			
Number.....	53, 234	38, 501	29, 080
Cost.....	\$3, 668, 621	\$1, 839, 384	\$1, 552, 980
Calves slaughtered:			
Number.....	95, 604	103, 389	63, 037
Cost.....	\$1, 145, 785	\$989, 487	\$570, 599
Sheep slaughtered:			
Number.....	423, 724	502, 642	380, 406
Cost.....	\$2, 283, 693	\$2, 376, 354	\$1, 585, 683
Hogs slaughtered:			
Number.....	1, 210, 849	1, 282, 410	931, 694
Cost.....	\$11, 694, 440	\$8, 537, 754	\$6, 408, 984
Dressed meat, purchased.....	\$10, 175, 511	\$1, 706, 436	\$2, 266, 059
Fuel and rent of power.....	\$166, 444	\$39, 610	\$30, 186
All other materials.....	\$4, 605, 090	\$581, 829	\$550, 517
<b>Products, total value</b> .....	<b>\$37, 583, 395</b>	<b>\$17, 753, 610</b>	<b>\$14, 215, 298</b>
Beef, fresh:			
Pounds.....	35, 415, 243	21, 653, 910	18, 794, 370
Value.....	\$3, 475, 755	\$1, 837, 742	\$1, 510, 941
Beef, salted or cured:			
Pounds.....	5, 445, 719	293, 925	245, 600
Value.....	\$661, 906	\$32, 973	\$32, 540
Veal:			
Pounds.....	8, 702, 274	10, 092, 263	5, 387, 285
Value.....	\$1, 131, 257	\$1, 059, 149	\$593, 610
Mutton:			
Pounds.....	16, 228, 067	21, 468, 265	17, 021, 273
Value.....	\$2, 085, 232	\$1, 938, 103	\$1, 343, 451
Pork, fresh:			
Pounds.....	96, 506, 328	121, 630, 717	76, 518, 271
Value.....	\$10, 115, 850	\$8, 166, 454	\$5, 068, 390
Pork, salted or cured:			
Pounds.....	49, 690, 559	19, 325, 603	41, 653, 811
Value.....	\$6, 314, 238	\$1, 816, 944	\$3, 542, 950
Sausage, fresh or cured.....	\$2, 864, 949	\$887, 349	\$631, 864
All other fresh meat:			
Pounds.....	1, 538, 626	1, 365, 846	.....
Value.....	\$79, 949	\$97, 088	.....
Lard:			
Pounds.....	49, 017, 209	5, 423, 649	11, 668, 825
Value.....	\$4, 747, 104	\$330, 592	\$711, 979
Tallow, oleo stock, and stearin:			
Pounds.....	8, 785, 195	( <sup>1</sup> )	( <sup>1</sup> )
Value.....	\$504, 836	( <sup>1</sup> )	( <sup>1</sup> )
Fertilizers and fertilizer materials:			
Tons.....	8, 742	5, 349	2, 599
Value.....	\$256, 815	\$52, 828	\$61, 207
Hides:			
Number.....	131, 027	85, 064	72, 773
Pounds.....	5, 102, 392	3, 230, 549	2, 395, 855
Value.....	\$636, 928	\$301, 230	\$205, 278
Sheep pelts:			
Number.....	423, 624	502, 642	( <sup>1</sup> )
Value.....	\$376, 036	\$567, 247	( <sup>1</sup> )
All other products.....	\$4, 177, 698	\$653, 601	\$510, 380
Custom or contract work.....	\$154, 842	\$12, 250	\$2, 708

<sup>1</sup> Figures not available.

**Wire.**—This industry includes only those establishments that purchase the wire rods from which the wire is drawn. Where the wire is drawn in the same plant which manufactures the rods, the wire is reported with other products of establishments classified as "Iron and steel, steel works and rolling mills." The next table shows, for 1909, the quantity and cost of the principal materials used in the industry and the quantity and value of the products. Comparable figures are not obtainable for prior censuses.

The product of chief value in 1909 was copper wire, of which 62,686 tons were reported, having a value of \$17,777,115, or 61.6 per cent of the total value of all products for the industry in the state. New Jersey was the leading state of the Union in the production of copper wire in 1909, contributing two-fifths of the total quantity of such wire reported by the industry in the United States. There were 83,636 tons of steel and iron wire and wire manufactures produced in the state by establishments which purchased the rods,

valued at \$8,017,520, of which 39,058 tons, valued at \$2,550,661, was drawn for sale as wire, and 44,578 tons, valued at \$5,466,859, represents the manufacture of wire into nails, rope, etc. In addition to the value of products shown in the table, the value of the wire products reported by the wire departments of rolling mills was \$2,507,079, being chiefly steel wire. By adding this amount to the total value of products shown in the table below the result obtained, \$31,365,507, represents fairly the total value of the output of wire for the state.

MATERIAL OR PRODUCT.	1909
Materials used, total cost .....	\$22,297,737
Wire rods:	
Steel and iron <sup>1</sup> —	
Tons.....	92,118
Cost.....	\$3,323,105
Copper—	
Tons.....	62,915
Cost.....	\$16,502,669
All other materials, including brass and miscellaneous wire rods and purchased wire.....	\$2,471,963
Wire drawn, whether for consumption or sale, tons:	
Steel and iron.....	83,647
Copper.....	62,686
Products, total value.....	\$28,858,428
Wire and manufactures of wire:	
Steel and iron—	
Tons.....	83,636
Value.....	\$8,017,520
Wire drawn for sale—	
Tons.....	39,058
Value.....	\$2,550,661
Manufactures of wire, nails, rope, etc.—	
Tons.....	44,578
Value.....	\$5,466,859
Copper—	
Tons.....	62,686
Value.....	\$17,777,115
All other products, including wire other than steel, iron, and copper ..	\$3,063,793

<sup>1</sup> Includes 92 tons of iron rods.

**Leather, tanned, curried, and finished.**—The quantity and value of the products manufactured during the last three census years are shown in the following table:

PRODUCT.	1909	1904	1899
Total value.....	\$28,430,955	\$21,495,329	\$13,747,155
Leather:			
Sole: Oak and chrome—			
Sides.....	120,600	( <sup>1</sup> )	( <sup>1</sup> )
Value.....	\$1,015,495	( <sup>1</sup> )	( <sup>1</sup> )
Patent and enameled upper leather—			
Sides.....	523,494	318,182	181,082
Value.....	\$2,060,181	\$1,497,893	\$830,540
Calf and kip skins, tanned and finished—			
Number.....	371,666	96,992	539,350
Value.....	\$856,533	\$172,550	\$999,235
Goatskins, tanned and finished—			
Number.....	6,340,036	3,481,123	4,969,191
Value.....	\$5,025,936	\$3,161,780	\$3,061,738
Black—			
Number.....	5,800,833	3,466,523	3,416,489
Value.....	\$4,573,552	\$3,141,830	\$2,190,402
Colored—			
Number.....	539,203	14,600	1,552,702
Value.....	\$452,384	\$19,950	\$871,336
Sheepskins, tanned and finished—			
Number.....	1,901,020	1,228,500	454,988
Value.....	\$1,529,969	\$743,802	\$288,012
Carriage, automobile, and furniture—			
Sides.....	940,572	484,552	441,873
Value.....	\$8,836,740	\$5,143,295	\$4,134,980
Trunk, bag, and pocketbook.....	\$1,467,097	\$1,669,360	\$906,733
Bookbinders.....	\$1,502,657	\$1,235,594	\$975,089
Leather, sold in rough.....	\$1,234,065	\$873,093	\$453,053
All other.....	\$3,663,470	\$5,555,837	\$1,720,046
All other products.....	\$471,654	\$190,576	\$234,035
Work on materials for others.....	\$767,158	\$1,251,529	\$148,694

<sup>1</sup> Not reported.

In 1909 the \$28,430,955 reported as the value of products in New Jersey represented 8.7 per cent of the total shown for the industry in the United States. Corresponding percentages for 1904 and 1899 were 8.5 per cent and 6.7 per cent, respectively. Most of the different groups of products show a decided increase from 1904 to 1909. The state reported in 1909, 523,494 sides of patent and enameled upper leather, 1,901,020 tanned and finished sheepskins, and 6,340,036 tanned and finished goatskins, these figures representing 19.4 per cent, 9.7 per cent, and 13.2 per cent, respectively, of the corresponding totals for the United States.

In 1909 carriage, automobile, and furniture leather was the product of greatest value, forming 31.1 per cent in 1909 and 23.9 per cent in 1904 of the total value of products of the industry in the state. The amount received in 1909 for work on materials furnished by others (\$767,158) represents a decided decrease as compared with the amount shown for 1904, but is more than five times that reported for 1899. The estimated value of the leather treated on commission in 1909 was \$4,044,508.

**Chemicals.**—The following table shows the quantity and value of certain chemicals or groups of chemicals manufactured during 1909 and 1904:

PRODUCT.	1909	1904
Total value.....	\$22,824,140	\$13,023,629
Acids: <sup>1</sup>		
Hydrofluoric—		
Pounds.....	1,182,655	( <sup>2</sup> )
Value.....	\$71,726	( <sup>2</sup> )
Muriatic—		
Pounds.....	44,934,781	( <sup>2</sup> )
Value.....	\$410,016	( <sup>2</sup> )
Other acids (acetic, boric, citric, phosphoric, salicylic, etc.).....	\$2,671,086	\$1,150,972
Sodas:		
Sal soda, caustic soda, and borax—		
Tons.....	19,301	15,849
Value.....	\$1,240,076	\$1,587,244
Other soda products.....	\$265,039	\$180,490
Coal-tar products.....	\$852,059	\$186,910
Bleaching materials: Hypochlorites, hydrogen peroxide, and bisulphites.....	\$75,941	\$46,595
Plastics.....	\$4,341,643	\$3,774,216
Compressed and liquefied gases:		
Anhydrous ammonia—		
Pounds.....	1,386,927	( <sup>2</sup> )
Value.....	\$319,590	\$132,129
All other.....	\$104,935	\$95,008
Fine chemicals: Alkaloids, gold, silver, and platinum salts, ether, acetone, vanillin, etc.....	\$2,900,030	\$1,908,749
Epsom salts:		
Pounds.....	25,404,186	( <sup>2</sup> )
Value.....	\$122,528	( <sup>2</sup> )
Phosphates of soda:		
Pounds.....	23,049,129	6,406,552
Value.....	\$436,958	\$108,549
Tin salts:		
Pounds.....	10,657,837	2,891,500
Value.....	\$401,089	\$282,691
Zinc salts:		
Pounds.....	22,427,586	( <sup>2</sup> )
Value.....	\$1,124,613	( <sup>2</sup> )
All other chemicals.....	\$7,486,811	\$3,570,070

<sup>1</sup> Not including sulphuric, nitric, or mixed acids.   <sup>2</sup> Figures not available.

Plastics (including celluloid, etc.) formed the most important class of products at both censuses, their value increasing \$567,427, or 15 per cent, from 1904 to 1909. Acids were next in importance in point of value. The principal acids included in this group are hydrofluoric, muriatic, acetic, boric, citric, phosphoric, and salicylic; the statistics in regard to the manufacture of sulphuric and nitric acids are not included under the classification "Chemicals," but are

shown independently in Table II, page 670. Fine chemicals, which consist mainly of gold, silver, and platinum salts, ether, and alkaloids, show an increase in value in 1909 over 1904 of \$991,281, or 51.9 per cent. Sodas still remain an important product, though the value of the output in 1909 was less by \$262,625, or 14.9 per cent, than in 1904.

Phosphates of soda show remarkable gains, the increase in the output of this product from 1904 to 1909 being 16,642,577 pounds, or 259.8 per cent, and the increase in value, \$328,409, or 302.5 per cent. Zinc salts were an important product in 1909, but comparable figures for 1904 are not available. All the other classes of products show a substantial increase both in quantity and in value.

In addition to those mentioned in the above table, chemicals valued at \$1,506,845 were reported in 1909 by 13 establishments assigned to other classifications because they were engaged primarily in the manufacture of other products.

**Pottery, terra-cotta, and fire-clay products.**—Since the early part of the nineteenth century New Jersey has been prominent in this industry, especially in the manufacture of the finest porcelain, granite, and white ware, owing to the abundance of valuable clays and sands easily available within the state. As early as 1849 there were 30 potteries in the state, which reported products valued in the aggregate at \$230,900. The influence of the successful competition of the fine wares manufactured in Trenton (which is the center of this branch of the industry in the United States) with foreign-made pottery was felt shortly after 1876 and had a decidedly stimulating effect upon the industry. Measured by value of products of the industry as a whole, New Jersey ranked second among the states of the Union in this industry in 1904 and 1909. The total value of products increased \$1,421,897, or 12.1 per cent, during the five-year period. The following table shows the value of the principal products for 1909 and 1904:

PRODUCT.	1909	1904
Total value.....	\$13,139,000	\$11,717,103
Pottery.....	7,791,136	6,462,624
Red earthenware.....	36,573	30,634
Stoneware and yellow and Rockingham ware.....	66,293	58,819
White ware, including C.C. ware, white granite, semi-porcelain ware, and semivitreous porcelain ware.....	1,242,361	1,290,768
China, bone china, delft, and belleek ware.....	1,082,398	469,360
Sanitary ware, including solid porcelain bath tubs, laundry tubs, etc.....	4,341,040	3,006,406
Porcelain electrical supplies.....	823,056	328,524
All other pottery products.....	199,415	1,278,113
Terra-cotta and fire-clay products.....	5,347,864	5,254,479
Fire brick—		
Thousands.....	135,454	31,057
Value.....	\$907,276	\$709,396
Architectural terra cotta.....	1,637,705	1,216,400
Fireproofing.....	1,299,540	1,266,969
Tile, not drain.....	992,606	245,518
All other terra-cotta and fire-clay products.....	510,737	21,816,196

<sup>1</sup> Includes refractory blocks or tile, boiler and locomotive tile and tank blocks, and other refractory products (9-inch equivalent).  
<sup>2</sup> Includes drain tile to the value of \$23,537, and 101,431,000 of common, front, enameled, and vitrified paving brick or blocks, valued at \$967,709.

In 1909 and in 1904 New Jersey ranked first among the states in the manufacture of sanitary ware, including porcelain bath tubs, laundry tubs, etc., the

value of which increased \$1,334,634, or 44.4 per cent, during the five-year period. The state also ranked first at the census of 1909 in the production of china (porcelain), bone china, delft, and belleek ware, the value of which increased \$613,038, or 130.6 per cent. The only decrease for any class of products shown separately in the table is one of \$48,407, or 3.8 per cent, in the value of white ware, including C. C. (cream colored) ware, and white granite, semiporcelain, and semivitreous porcelain ware. Among the pottery products the largest relative gain, 150.5 per cent, was in the value of porcelain electrical supplies.

Architectural terra cotta, the principal terra-cotta product in 1909, shows an increase in value over 1904 of \$421,305, or 34.6 per cent, while the value of tile (not drain tile) increased \$747,088, or 304.3 per cent.

**Paint and varnish.**—The quantity and value of the different products are shown in the following table:

PRODUCT.	1909	1904	1899
Total value.....	\$12,766,929	\$6,966,869	\$6,213,924
Pigments.....	\$2,939,162	\$1,276,290	\$1,537,076
White lead, dry:			
Pounds.....	16,958,467	16,725,261	14,471,171
Value.....	\$580,567	\$329,498	\$717,047
Oxides of lead:			
Pounds.....	4,854,000	( <sup>2</sup> )	( <sup>2</sup> )
Value.....	\$329,780	( <sup>2</sup> )	( <sup>2</sup> )
Iron oxides and other earth colors:			
Pounds.....	4,133,200	1,902,500	500,000
Value.....	\$27,605	\$9,223	\$25,000
Other dry colors:			
Pounds.....	30,143,495	8,477,798	5,891,364
Value.....	\$1,797,277	\$750,569	\$632,473
Pulp colors, sold moist:			
Pounds.....	3,240,000	5,660,000	5,156,948
Value.....	\$203,933	\$187,000	\$187,556
Paints in oil.....	\$3,626,726	\$1,816,198	\$1,132,641
White lead in oil:			
Pounds.....	3,713,557	( <sup>2</sup> )	( <sup>2</sup> )
Value.....	\$253,308	( <sup>2</sup> )	( <sup>2</sup> )
Paste:			
Pounds.....	14,858,470	10,703,000	8,672,911
Value.....	\$891,493	\$512,967	\$552,452
Ready mixed for use:			
Gallons.....	2,584,449	1,490,561	622,542
Value.....	\$2,481,925	\$1,303,231	\$580,189
Varnishes and japans.....	\$5,009,691	\$3,441,758	\$2,873,106
Oleo-resinous varnishes:			
Gallons.....	2,614,152	2,030,670	1,664,845
Value.....	\$3,325,912	\$2,407,316	\$2,254,321
Spirit varnishes:			
Gallons.....	60,376	103,477	67,543
Value.....	\$84,462	\$195,877	\$124,223
Damar and similar turpentine and benzine varnishes:			
Gallons.....	815,905	( <sup>2</sup> )	( <sup>2</sup> )
Value.....	\$685,966	( <sup>2</sup> )	( <sup>2</sup> )
Pyroxylin varnishes:			
Gallons.....	125,670	34,928	5,366
Value.....	\$233,322	\$45,770	\$10,995
Drying and baking japans and lacquers.....	\$645,685	\$641,204	\$374,239
Other varnishes.....	\$34,344	\$151,591	\$109,328
Liquid fillers:			
Gallons.....	31,667	59,477	( <sup>2</sup> )
Value.....	\$31,076	\$86,659	( <sup>2</sup> )
Paste fillers, dry fillers, and putty:			
Pounds.....	15,345,883	4,863,145	( <sup>2</sup> )
Value.....	\$98,973	\$59,803	( <sup>2</sup> )
Water paints dry or in paste:			
Pounds.....	5,851,755	272,189	( <sup>2</sup> )
Value.....	\$345,988	\$11,832	( <sup>2</sup> )
All other products.....	\$715,313	\$274,329	\$671,101

<sup>1</sup> Including white lead in oil.      <sup>2</sup> Not reported separately.  
<sup>2</sup> Included with white lead, dry.

Oleo-resinous varnish was the leading product reported at each of the last three censuses. The totals for this varnish manufactured in New Jersey formed 14.1 per cent of the total quantity and 19.2 per cent of the total value of this class of products for the United States in 1909. Other leading products

named in order of relative importance, were paints in oil, ready mixed for use; dry colors; paints in oil, in paste; white lead, dry and in oil; and water paints, dry or in paste; each of which shows a gain in both quantity and value from 1904 to 1909. The most pronounced increase in both quantity and value is shown for water paints, the output in 1909 being over twenty-one times that reported in 1904, and its value more than twenty-nine times as great.

In addition to the various products reported in the preceding table for 1909, 4,225,085 pounds of dry white lead, 370,154 gallons of varnish, and 417,467 gallons of drying japans and dryers were manufactured and consumed in further processes of manufacture within the establishments reporting.

Paint and varnish to the value of \$819,194 were also manufactured by 11 establishments primarily engaged in other industries. The principal items making up this product were 5,674,890 pounds of dry colors, valued at \$556,518; 221,338 gallons of paints in oil, ready for use, valued at \$108,648; 2,119,220 pounds of paints in oil, in paste, valued at \$105,961; and 30,568 gallons of varnish, valued at \$29,565.

Among the principal materials used in the manufacture of paint and varnish in the state in 1909 were 12,151 tons of pig lead, 56,128 gallons of grain alcohol, and 28,794 gallons of wood alcohol.

**Printing and publishing.**—The newspaper and periodical branch of the printing and publishing industry in New Jersey for the five-year period 1904-1909 shows a decrease in the number of publications and the aggregate circulation.

The following tabular statement shows the number of different newspapers and periodicals published and the aggregate circulation per issue for the census years 1909 and 1904:

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.		AGGREGATE CIRCULATION PER ISSUE.	
	1909	1904	1909	1904
<b>Total</b> .....	<b>348</b>	<b>378</b>	<b>1,071,456</b>	<b>1,105,723</b>
Daily.....	54	55	437,144	303,930
Sunday.....	6	7	70,670	73,118
Semiweekly.....	15	4	8,774	4,575
Weekly.....	247	270	383,231	381,246
Monthly.....	26	37	156,862	336,129
All other classes.....	10	5	14,775	6,725

<sup>1</sup> Includes one triweekly.

The total number of all publications decreased 7.9 per cent from 1904 to 1909, and the aggregate circulation per issue decreased 3.1 per cent. The publications included under the head of "All other classes" show the only increase in number, but all except the Sunday publications and the monthlies show an increase in circulation. While there was a decrease of one in the number of dailies, the aggregate circulation per issue increased 133,214, or 43.8 per cent.

In 1909, 18 of the 54 dailies, with an aggregate circulation of 109,659, were issued as morning papers. Of the 348 publications reported in 1909, 37 were

printed in foreign languages. These included 3 dailies and 1 Sunday paper, all of which were in German; 32 weeklies, of which 11 were in German, 11 in Italian, 3 in Dutch, 3 in Polish, 2 in Hungarian, 1 in German and English, and 1 in Italian and English, and 1 monthly in Hungarian. These publications reported an aggregate circulation per issue of 83,507, representing 7.8 per cent of the total for the state.

**Shipbuilding, including boat building.**—This industry includes the building of vessels of steel and of wood, as well as small craft of all kinds, and the repair of such vessels. The number and the tonnage of all vessels launched in 1909, 1904, and 1899 are shown, by classes, in the following table:

CLASS.	1909		1904		1899	
	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.
Vessels, 5 gross tons and over launched during the year.....	90	53,261	92	42,091	165	57,166
Steel.....	24	42,949	17	23,450	11	3,926
Steam.....	9	27,280	13	21,088	10	3,426
Unrigged.....	15	15,669	4	2,362	1	500
Wooden.....	66	10,312	75	18,641	154	53,240
Steam.....	1	115	12	477	10	581
Motor.....	23	348	6	41	.....	.....
Sail.....	12	251	26	880	80	357
Unrigged.....	30	9,598	31	17,243	64	52,302
Power boats, less than 5 gross tons.....	338	.....	237	.....	82	.....

The above table shows a decrease of 3,905 gross tons, or 6.8 per cent, in the total tonnage of all vessels of 5 gross tons and over from 1899 to 1909.

It is interesting to note the growth in the construction of steel vessels and the decline in the building of wooden vessels during this period. During the decade the gross tonnage of the steel vessels launched increased 39,023 tons, or nearly one thousand per cent, while that of wooden vessels decreased 42,928 tons, or 80.6 per cent. Of the total tonnage of vessels of 5 tons and over launched in the state in 1909, the tonnage of steel vessels formed 80.6 per cent and that of wooden vessels 19.4 per cent, while in 1899 these proportions were 6.9 per cent and 93.1 per cent, respectively.

Of the 338 power boats of less than 5 tons gross register reported in 1909, 319 were gasoline, 11 electric, and 8 operated by other kinds of power, while of the 237 such craft reported in 1904, 207 were gasoline, 29 electric, and 1 operated by other kind of power. In addition to the vessels shown in the table, the industry includes the construction of sailboats, rowboats, canoes, scows, etc., of less than 5 tons gross register; these, together with the small power boats mentioned, represented a total value of \$394,718 in 1909 and of \$279,947 in 1904.

**Glass.**—The manufacture of glass is still an important industry in New Jersey, although in relative position in the industry among the states, when measured by value of products reported, the state dropped from third place in 1899 to fifth in 1909. The value of products increased \$1,356,373, or 26.6

per cent, from 1899 to 1904 and \$510,893, or 7.9 per cent, during the following five-year period.

The next table shows the quantity of the different materials used and the value of the principal classes of products reported at the censuses of 1909, 1904, and 1899:

MATERIAL OR PRODUCT.	1909	1904	1899
<b>Principal materials:</b>			
Glass sand, tons.....	58,204	53,191	81,260
Soda ash, tons.....	21,723	20,825	20,630
Salt cake, tons.....	271	338	697
Nitrate of soda, tons.....	4,025	816	1,314
Limestone, tons.....	2,428	5,057	8,577
Lime, bushels.....	199,132	145,010	248,654
Arsenic, pounds.....	85,705	119,460	102,490
Carbon, tons.....	10	129	20
Manganese, pounds.....	50,467	174,798	143,465
Litharge and red lead, pounds.....	16,782	33,959	72,049
Potash and pearlsh, pounds.....	63,000	28,382	60,270
Grinding sand, tons.....	203	674	433
<b>Products, total value.....</b>	<b>\$6,961,088</b>	<b>\$6,450,195</b>	<b>\$5,093,822</b>
Pressed and blown glass.....	\$1,019,836	\$181,559	\$21,300
Bottles, jars, etc.....	\$5,884,605	\$6,066,714	\$4,452,219
All other products.....	\$56,647	\$201,922	\$620,303

Pressed and blown glass shows an increase in value from 1904 to 1909 of \$838,277, or 461.7 per cent, while the output of bottles and jars decreased in value \$182,109, or 3 per cent, during the same period.

In 1909 one establishment manufactured building glass; 3, pressed and blown glass; and 19, bottles, jars, etc. Of the establishments which manufactured bottles and jars, 16 made prescription vials and druggists' wares to some extent; 12 made beer, soda, and mineral-water bottles; and 11 made flasks and wares for liquors and patent and proprietary remedies, New Jersey holding the leading position in the production of the first two of these classes of glassware and fourth place in the last-named class.

The output of prescription vials and druggists' wares in 1909 amounted to 1,008,682 gross; that of beer, soda, and mineral-water bottles, to 258,574 gross; and that of liquor bottles and flasks, to 248,825 gross, these figures representing increases of 31.5 per cent, 11.5 per cent, and 10.6 per cent, respectively, over the corresponding figures for 1904.

**Laundries.**—Statistics for steam laundries are not included in the general tables or in the totals for manufacturing industries. The following statement summarizes the statistics for 1909:

Number of establishments.....	112
Persons engaged in the industry.....	3,334
Proprietors and firm members.....	101
Salaried employees.....	249
Wage earners (average number).....	2,984
Primary horsepower.....	3,917
Capital.....	\$2,137,243
Expenses.....	2,187,794
Services.....	1,395,335
Materials.....	439,861
Miscellaneous.....	352,598
Amount received for work done.....	2,779,277

There were 112 steam laundries in the state of New Jersey in 1909, of which there were 17 each in Jersey City and Newark; 8 in Camden; 6 in Paterson; 5 in Trenton; 4 each in Passaic and Plainfield; and 3

each in Asbury Park, Atlantic City, East Orange, Elizabeth, Hoboken, and Orange. No other place having more than 10,000 inhabitants reported as many as 3 laundries.

Sixty-two establishments were operated by individuals, 18 by firms, and 32 by incorporated companies. Twenty-one establishments had receipts for the year's business of less than \$5,000; 47, receipts of \$5,000 but less than \$20,000; 40, receipts of \$20,000 but less than \$100,000; and 4, receipts of \$100,000 but less than \$1,000,000.

The number of wage earners employed each month and the percentage which this number represented of the greatest number employed in any month were as follows:

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	2,800	85.5	July.....	3,194	97.5
February.....	2,821	86.1	August.....	3,276	100.0
March.....	2,841	86.7	September.....	3,145	96.0
April.....	2,838	86.6	October.....	2,994	91.4
May.....	2,881	87.9	November.....	2,967	90.6
June.....	3,054	93.2	December.....	2,997	91.5

The different kinds of primary power, the number of engines or motors, and the horsepower used in 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horsepower.
<b>Primary power, total.....</b>		<b>3,917</b>
<b>Owned:</b>		
Steam.....	102	3,794
Gas.....	2	29
Water wheel.....	1	5
<b>Rented:</b>		
Electric.....	14	63
Other.....		26

The kind and amount of fuel used are shown below:

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons.....	25,969
Bituminous coal.....	Tons.....	4,873
Wood.....	Cords.....	5
Oil.....	Barrels.....	1,921
Gas.....	1,000 feet.....	15,974

**Custom sawmills and gristmills.**—Statistics for custom sawmills and gristmills are not included in the general tables or in the totals for manufacturing industries, but are presented in the following summary:

	Custom sawmills.	Custom gristmills.
Number of establishments.....	7	39
Persons engaged in the industry.....	13	65
Proprietors and firm members.....	7	41
Salaried employees.....		1
Wage earners (average number).....	6	23
Primary horsepower.....	213	1,232
Capital.....	\$22,625	\$134,226
Expenses.....	3,178	258,643
Services.....	2,065	9,387
Materials.....	440	1,243,662
Miscellaneous.....	673	5,594
Value of products.....	5,422	1,287,050

<sup>1</sup> Includes estimate of all grain ground. A similar estimate for the value of lumber sawed by custom sawmills is impracticable.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).							
<b>STATE—All industries.....</b>	1909	8,817	371,265	8,204	36,838	326,223	612,293	\$977,172	\$48,336	\$169,710	\$720,033	\$1,145,529	\$425,496
	1904	7,010	296,262	6,730	23,196	266,356	436,274	715,060	28,957	128,189	470,449	774,369	303,920
	1899	6,415			15,361	213,975	322,503	477,302	19,058	95,165	334,726	553,006	218,280
Expressed in thousands.													
Agricultural implements.....	1909	10	294	9	61	224	724	771	77	112	327	755	428
	1904	10	250	9	37	204	403	432	40	90	118	392	274
	1899	11	168	13	8	147	280	250	11	60	116	250	134
Artificial stone.....	1909	97	642	100	54	488	436	913	39	250	294	859	565
	1904	8	68		11	51	35	81	12	33	31	94	63
Belting and hose, woven and rubber...	1909	12	2,583		288	2,295	8,748	9,385	518	1,150	5,971	9,793	3,822
	1904	15	2,704	3	246	2,455	8,211	9,444	536	1,209	6,808	11,068	4,260
	1899	7	853		77	776		2,209	174	398	1,870	2,800	930
Boots and shoes, including cut stock and findings.	1909	53	4,602	46	324	4,222	1,500	4,108	448	1,923	4,727	8,042	3,315
	1904	65	4,838	61	253	4,524	1,598	3,318	292	1,865	4,197	7,588	3,391
	1899	105	5,089	108	350	4,031		3,359	386	1,806	4,457	7,519	3,062
Boxes, fancy and paper.....	1909	46	2,321	36	143	2,142	1,224	1,932	168	704	1,186	2,675	1,489
	1904	36	1,435	41	60	1,334	590	732	54	397	553	1,318	765
	1899	30	1,156	35	41	1,080		517	51	275	398	897	499
Brass and bronze products.....	1909	66	1,488	61	162	1,265	4,431	3,104	250	719	3,355	5,131	1,776
	1904	<sup>2</sup> 51	1,246	53	111	1,082	2,682	2,713	150	570	2,354	3,754	1,400
	1899	45		63	63	1,088		2,422	66	470	2,472	3,320	848
Bread and other bakery products.....	1909	1,217	6,966	1,498	532	4,936	2,184	8,100	403	3,309	12,195	20,086	7,891
	1904	1,000	5,237	1,074	315	3,848	1,127	5,406	199	2,312	8,204	13,502	5,298
	1899	785	3,828	831	296	2,701		3,831	183	1,412	4,562	8,183	3,621
Brick and tile.....	1909	76	3,619	64	150	3,405	11,419	7,355	205	1,625	844	4,073	3,220
	1904	63	2,090	73	70	1,947	5,971	3,040	68	784	337	1,830	1,493
	1899	76	2,525	76	79	2,370	4,798	3,607	83	836	320	1,846	1,526
Brooms and brushes.....	1909	33	1,051	28	108	915	723	1,470	141	363	951	1,905	954
	1904	34	459	40	29	390	180	384	23	158	308	699	391
	1899	32	447	40	42	365		472	37	137	399	808	404
Buttons.....	1909	64	2,433	69	103	2,261	1,232	1,506	149	913	1,183	2,750	1,567
	1904	46	1,496	45	82	1,369	729	842	93	550	634	1,592	958
	1899	34	1,265	43	53	1,169	441	510	50	410	399	1,026	627
Canning and preserving.....	1909	84	2,051	85	148	1,818	2,698	2,765	118	546	2,208	3,664	1,456
	1904	<sup>3</sup> 76	1,878	94	84	1,700	2,076	1,948	52	399	1,701	2,693	992
	1899	<sup>2</sup> 93		140	140	2,403		2,275	113	561	2,271	3,521	1,250
Carpets and rugs, other than rag.....	1909	9	939	6	49	834	970	2,511	88	375	898	1,945	1,047
	1904	8	1,203	3	47	1,153	1,268	2,098	90	418	979	1,749	770
	1899	13	1,221	3	47	1,171	1,051	1,487	73	379	868	1,523	655
Carriages and wagons and materials....	1909	256	1,980	301	78	1,601	1,645	2,973	83	1,019	1,280	3,250	1,970
	1904	213	2,338	247	105	1,986	1,631	2,998	116	1,116	1,349	3,460	2,111
	1899	258			112	2,117		3,250	109	1,081	1,612	3,916	2,304
Cars and general shop construction and repairs by steam-railroad companies.	1909	23	7,639		1,035	6,604	7,640	5,452	613	4,175	4,634	9,819	5,185
	1904	21	5,911		355	5,556	5,033	3,510	308	3,220	3,234	6,899	3,665
	1899	18	4,773		179	4,594	2,068	2,820	137	2,400	2,302	5,034	2,732
Cars and general shop construction and repairs by street-railroad companies.	1909	15	878		52	826	2,276	820	53	471	614	1,158	544
	1904	4	376		20	356	445	669	26	225	470	747	277
	1899	8	238		9	229		369	7	146	188	381	193
Cement.....	1909	3	1,616		171	1,445	16,393	10,881	222	845	2,053	3,725	1,672
	1904	6	1,607		171	1,436	12,255	7,128	215	697	1,863	2,925	1,062
Chemicals.....	1909	50	5,937	4	887	5,046	13,880	24,355	1,594	2,895	12,257	22,824	10,567
	1904	47	4,048	26	425	3,597	9,082	16,294	678	1,853	6,630	13,024	6,394
	1899	61	3,488	38	402	3,048	8,147	17,285	577	1,575	6,995	12,207	5,212
Clocks and watches, including cases and materials.	1909	9	2,260	1	130	2,129	1,414	6,795	225	1,120	1,729	3,848	2,119
	1904	9	2,496	3	140	2,353	1,186	5,136	203	1,302	1,583	3,871	2,288
	1899	11	1,268	5	56	1,207		2,467	94	597	915	1,914	999
Clothing, men's, including shirts.....	1909	150	7,680	199	487	6,994	1,351	5,314	435	2,935	5,076	9,865	4,789
	1904	125	6,180	180	336	5,664	923	2,431	207	2,127	3,417	7,428	4,011
	1899	137			142	5,787		2,012	145	1,947	2,459	5,754	3,295
Clothing, women's.....	1909	99	4,691	112	363	4,216	959	2,882	326	1,355	2,855	5,927	3,072
	1904	70	4,192	83	209	3,900	621	1,599	180	1,045	2,174	4,219	2,045
	1899	57	2,606	73	144	2,389	427	1,299	125	644	1,156	2,561	1,405
Coffins, burial cases, and undertakers' goods.	1909	7	261	4	45	212	422	515	56	122	265	521	256
	1904	3	248	3	27	218	328	363	29	112	226	453	227
	1899	4	221	4	13	204		304	16	123	172	394	222
Confectionery.....	1909	71	1,558	70	225	1,263	1,181	2,830	189	456	2,433	4,116	1,683
	1904	38	894	45	75	774	444	1,130	66	273	988	2,043	1,055
	1899	14			42	134		161	23	46	184	355	171
Cooperage and wooden goods, not elsewhere specified.	1909	43	1,162	42	74	1,046	1,613	2,773	102	522	2,328	3,230	902
	1904	35	415	33	18	364	458	453	17	176	427	801	374
	1899	24			18	315		413	28	150	349	707	358

<sup>1</sup> Not reported separately.

<sup>2</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

<sup>3</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.



# STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
		Number of establishments.	Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).							
<b>STATE—Continued.</b>													
Copper, tin, and sheet-iron products...	1909	175	5,575	162	411	5,002	3,579	\$8,514	\$576	\$2,780	\$6,172	\$11,114	\$4,942
	1904	121	4,485	105	300	4,080	2,771	5,148	415	1,931	2,898	6,267	3,369
	1899	64				127		2,397	130	816	1,209	2,691	1,482
Cordage and twine and jute and linen goods.	1909	12	3,174	1	148	3,025	6,442	6,598	192	954	3,896	5,527	1,631
	1904	16	2,602		67	2,535	4,310	4,076	100	858	2,060	3,371	1,311
	1899	6			57	2,127		3,413	81	625	1,760	2,956	1,166
Cork, cutting.....	1909	10	466	2	46	418	855	686	54	180	410	791	381
	1904	6	241	3	32	206	320	367	27	71	191	380	189
	1899	8	178	7	14	157		103	11	46	143	234	91
Corsets.....	1909	11	2,013	3	165	1,845	480	1,857	235	628	1,305	3,336	2,031
	1904	10	1,556	4	93	1,459	404	1,259	84	438	682	2,093	1,411
	1899	9			63	1,332		546	62	424	579	1,304	725
Cotton goods, including cotton small wares.	1909	26	6,894	13	243	6,638	17,288	17,824	392	2,577	8,565	13,729	5,164
	1904	17	5,501	4	135	5,362	15,518	14,290	239	2,022	5,143	8,579	3,436
	1899	25	5,849	11	157	5,681	14,317	14,399	269	1,931	3,158	6,931	3,773
Cutlery and tools, not elsewhere specified.	1909	70	2,482	66	208	2,208	2,540	3,003	276	1,069	849	2,735	1,886
	1904	57	1,854	52	135	1,667	2,080	2,242	174	847	861	2,371	1,510
	1899	44			162	1,799		1,762	191	855	835	2,307	1,472
Dairymen's, poulterers', and aparlists' supplies.	1909	7	425	5	124	296	313	1,660	111	181	230	954	724
	1904	4	55	1	8	46	80	141	5	20	41	88	47
Dyeing and finishing textiles.....	1909	67	10,722	32	561	10,129	19,989	23,315	1,033	5,016	6,353	15,796	9,443
	1904	57	8,180	31	552	7,597	12,835	13,069	847	3,466	5,052	11,980	6,928
	1899	59	7,474	47	353	7,074	12,355	11,601	615	3,003	4,514	10,489	5,975
Electrical machinery, apparatus, and supplies.	1909	69	13,024	22	1,903	11,099	11,326	30,229	2,234	5,615	14,426	28,365	13,939
	1904	42	7,291	11	1,012	6,268	6,547	18,458	1,003	2,894	6,873	13,803	6,930
	1899	36			623	3,916		7,909	607	1,903	3,539	7,533	3,994
Fancy articles, not elsewhere specified..	1909	31	1,280	38	130	1,112	730	1,581	167	455	828	1,841	1,013
	1904	21	1,443	20	240	1,183	693	1,543	261	506	863	2,205	1,342
	1899	37	1,950	42	227	1,681		1,428	237	558	1,124	2,391	1,267
Fertilizers.....	1909	22	1,384	17	159	1,208	2,459	7,398	255	541	5,685	7,672	1,987
	1904	25	1,253	23	91	1,139	3,555	6,291	151	637	3,928	5,652	1,724
	1899	28	1,147	30	155	962	2,678	5,690	230	441	3,146	4,291	1,145
Flour-mill and gristmill products.....	1909	238	790	255	82	453	10,763	3,227	58	225	4,561	5,538	977
	1904	182	723	221	48	454	9,612	2,907	37	211	4,522	5,409	947
	1899	166			58	374		2,362	39	185	4,447	5,327	880
Foundry and machine-shop products...	1909	591	32,076	436	3,825	27,815	41,191	87,023	5,249	16,922	29,940	65,398	35,458
	1904	502	29,111	416	2,657	26,038	31,012	64,330	3,407	14,765	20,810	50,553	29,743
	1899	452			1,526	20,187		34,421	2,024	10,460	17,059	37,042	19,983
Furniture and refrigerators.....	1909	49	1,949	43	151	1,755	2,340	2,685	196	969	1,697	3,614	1,917
	1904	37	971	42	68	861	1,032	1,295	101	480	600	1,557	957
	1899	31	646	31	68	547		681	45	284	348	918	570
Gas and electric fixtures and lamps and reflectors.	1909	28	2,319	16	419	1,884	1,124	5,542	378	824	3,350	5,771	2,421
	1904	21	1,380	14	125	1,241	700	10,383	152	525	2,027	3,509	1,482
	1899	26			100	1,339		2,224	167	495	949	2,509	1,620
Gas, illuminating and heating.....	1909	47	2,804		887	1,917	6,717	15,667	630	853	2,855	9,837	6,982
	1904	38	2,153		786	1,367	2,835	37,596	536	728	1,524	6,372	4,848
	1899	34			347	1,320	1,479	38,872	272	684	786	3,768	2,982
Glass.....	1909	23	6,159	6	502	5,651	3,081	7,415	517	3,340	1,999	6,961	4,962
	1904	22	5,881	5	369	5,507	2,661	6,304	359	3,145	1,856	6,450	4,594
	1899	26	5,718	18	317	5,383	1,756	5,398	285	2,463	1,489	5,094	3,005
Gold and silver, reducing and refining, not from the ore.	1909	8	161	4	45	112	406	1,034	63	86	3,911	4,436	525
	1904	11	146	9	35	102	286	786	50	72	4,835	5,282	447
	1899	12	80	16	24	40		527	25	26	2,092	2,252	160
Hats, fur-felt.....	1909	58	5,104	63	384	4,657	5,046	5,335	478	2,969	4,112	8,825	4,713
	1904	63	6,078	81	292	5,705	5,016	4,331	318	3,276	4,227	9,540	5,313
	1899	59	4,965	66	154	4,745	3,709	2,932	186	2,487	3,637	7,211	3,574
Hosiery and knit goods.....	1909	37	2,658	34	118	2,506	1,477	3,489	210	903	1,826	3,810	1,984
	1904	28	1,840	26	56	1,758	1,077	1,953	67	539	1,382	2,549	1,167
	1899	25	1,938	15	62	1,861	913	1,993	74	451	1,011	1,782	771
Ice, manufactured.....	1909	59	581	27	98	456	10,121	3,648	98	317	386	1,497	1,111
	1904	39	338	18	52	268	6,077	2,749	47	159	172	648	476
	1899	26	247	12	52	183	3,995	1,653	38	94	108	392	284
Iron and steel, steel works and rolling mills.	1909	16	5,228		557	4,671	29,699	28,212	682	2,823	6,635	12,014	5,379
	1904	16	8,901	1	566	8,334	31,626	46,281	805	4,088	12,390	20,066	7,676
	1899	16	7,982	1	282	7,699	29,579	17,717	452	3,601	14,323	21,835	7,512
Jewelry.....	1909	150	4,945	168	799	4,008	1,231	11,988	1,256	2,537	6,294	13,272	6,978
	1904	113	3,550	176	386	2,988	960	7,202	524	1,839	4,647	9,304	4,657
	1899	99			321	2,776		5,523	395	1,562	3,828	7,377	3,549

<sup>1</sup> Excluding statistics for three establishments, to avoid disclosure of individual operations.

<sup>2</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

<sup>3</sup> Not reported separately.

<sup>4</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

## SUPPLEMENT FOR NEW JERSEY.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaryed employees.	Wage earners (average number).							
Expressed in thousands.													
<b>STATE—Continued.</b>													
Leather goods.....	1909	99	2,133	96	224	1,813	990	\$2,755	\$332	\$920	\$2,140	\$4,005	\$1,805
	1904	75	2,286	80	228	1,978	828	2,570	316	896	2,139	4,212	2,073
	1899	52	-----	-----	113	2,170	-----	1,739	152	893	1,752	3,490	1,738
Leather, tanned, curried, and finished..	1909	86	6,040	71	409	5,560	9,243	18,847	772	3,473	20,198	28,431	3,233
	1904	73	5,358	63	342	4,953	7,495	12,492	501	2,793	15,272	21,495	6,223
	1899	77	4,526	72	276	4,178	4,531	9,906	413	2,057	9,533	13,747	4,214
Liquors, malt.....	1909	33	2,634	3	506	2,125	14,082	40,535	1,202	1,836	4,881	20,184	15,303
	1904	37	2,443	8	477	1,958	10,795	30,336	1,031	1,681	3,861	17,446	13,585
	1899	44	-----	-----	350	1,723	8,566	26,330	819	1,361	2,782	14,386	11,604
Lumber and timber products.....	1909	416	5,745	438	450	4,857	15,760	9,563	469	2,631	8,010	13,511	5,501
	1904	242	4,129	265	272	3,592	10,496	5,875	237	1,850	4,491	7,998	3,507
	1899	266	-----	-----	213	3,256	-----	5,161	222	1,540	3,686	6,997	3,311
Marble and stone work.....	1909	131	1,762	143	130	1,479	2,756	3,117	196	1,329	1,378	3,901	2,522
	1904	164	1,232	63	96	1,073	1,714	1,737	137	810	865	2,440	1,575
	1899	79	-----	-----	87	1,284	-----	1,874	96	735	916	2,312	1,396
Mattresses and spring beds.....	1909	23	600	26	78	496	288	811	93	236	808	1,323	515
	1904	22	313	23	48	242	152	389	56	115	445	728	283
	1899	17	-----	-----	18	190	-----	396	27	69	250	435	185
Millinery and lace goods.....	1909	179	4,589	198	271	4,120	1,380	4,595	321	1,688	3,185	6,895	3,710
	1904	55	1,471	58	68	1,345	417	1,187	72	480	873	1,932	1,059
	1899	17	177	19	3	155	-----	103	2	65	58	172	114
Musical instruments and materials, not specified.	1909	7	435	5	45	385	335	1,033	54	181	208	635	427
	1904	7	527	7	55	465	348	892	62	251	318	863	545
	1899	13	784	10	34	740	382	1,110	39	365	365	880	515
Musical instruments, pianos and organs and materials.	1909	18	1,500	6	101	1,393	1,121	2,020	129	721	1,076	2,229	1,153
	1904	*14	1,181	6	65	1,110	1,400	1,422	77	560	657	1,477	820
	1899	15	850	16	71	763	745	1,407	44	360	563	1,332	709
Oil, not elsewhere specified.....	1909	23	765	3	343	419	1,824	4,762	474	250	6,196	7,851	1,655
	1904	12	291	3	122	166	616	1,721	185	114	3,078	3,803	725
	1899	11	245	4	104	137	-----	1,122	160	75	1,851	2,342	491
Oilcloth and linoleum.....	1909	10	2,264	6	135	2,123	7,819	8,110	193	1,187	6,638	10,143	3,505
	1904	10	1,551	4	83	1,464	4,994	5,151	112	701	3,666	5,444	1,778
	1899	*6	913	2	48	863	-----	2,553	75	465	1,735	2,747	1,110
Paint and varnish.....	1909	63	2,143	41	609	1,493	5,924	11,372	1,100	844	8,226	12,767	4,541
	1904	42	1,404	19	425	960	2,799	5,837	630	527	4,013	6,967	2,954
	1899	51	1,260	31	382	847	-----	6,457	551	476	3,826	6,214	2,338
Paper and wood pulp.....	1909	37	2,445	11	211	2,223	22,996	10,742	456	1,181	4,769	7,954	2,785
	1904	38	1,773	15	129	1,629	17,336	7,123	233	787	3,022	5,043	2,021
	1899	34	1,308	25	93	1,190	12,978	3,671	163	533	1,715	3,195	1,480
Paper goods, not elsewhere specified....	1909	19	659	7	89	563	2,132	2,232	108	276	1,697	2,640	943
	1904	13	324	7	38	279	665	1,051	50	125	887	1,225	338
	1899	15	359	10	43	306	-----	984	55	131	745	1,168	423
Patent medicines and compounds and druggists' preparations.	1909	111	1,424	77	342	1,005	1,478	3,743	488	432	2,089	5,410	3,321
	1904	78	1,228	55	242	931	1,209	2,665	299	330	1,315	3,710	2,395
	1899	38	-----	-----	154	316	-----	1,180	178	128	544	1,574	1,030
Pottery, terra-cotta, and fire-clay products.	1909	88	10,542	38	689	9,815	11,817	22,349	1,036	5,661	3,551	13,139	9,588
	1904	90	10,177	42	648	9,487	13,463	21,047	843	4,722	2,956	11,717	8,761
	1899	81	8,648	67	464	8,117	8,980	15,325	634	3,841	2,384	8,941	6,557
Printing and publishing.....	1909	0*4	7,364	647	1,266	5,451	5,636	13,816	1,309	3,624	3,472	12,333	8,861
	1904	588	6,001	571	1,063	4,367	4,171	8,732	1,006	2,470	2,285	8,627	6,342
	1899	480	4,881	487	540	3,854	-----	6,386	515	1,923	1,673	6,104	4,431
Rubber goods, not elsewhere specified..	1909	36	4,860	7	598	4,255	12,906	15,766	772	2,300	13,032	19,543	6,511
	1904	24	1,919	6	185	1,728	5,609	3,788	221	846	2,969	4,836	1,877
	1899	37	2,870	7	254	2,609	-----	6,078	378	1,151	5,969	8,458	2,762
Shipbuilding, including boat building..	1909	97	5,533	97	507	4,869	9,904	19,176	603	3,300	4,249	8,841	4,562
	1904	78	5,258	79	316	4,863	7,761	10,891	488	3,033	3,462	7,735	4,273
	1899	68	3,058	61	123	2,874	2,839	3,686	188	1,792	1,950	4,810	2,860
Silk and silk goods, including throwsters.	1909	348	32,365	306	1,774	30,285	22,376	43,615	2,317	13,917	33,265	65,430	32,165
	1904	239	26,986	227	1,278	25,481	16,903	33,645	1,566	9,893	22,339	42,863	20,524
	1899	180	25,313	197	969	24,157	15,964	29,286	1,145	9,233	21,631	39,967	18,336
Silverware and plated ware.....	1909	26	1,564	21	247	1,296	1,211	2,741	270	829	1,133	3,085	1,902
	1904	122	1,601	27	171	1,403	1,570	2,729	175	787	1,137	3,104	1,967
	1899	*14	1,054	16	108	930	-----	1,759	113	523	854	2,145	1,291
Slaughtering and meat packing.....	1909	84	2,420	93	510	1,817	3,610	8,182	633	1,286	33,740	37,583	3,343
	1904	48	918	68	105	745	949	2,593	117	488	16,071	17,754	1,683
	1899	50	700	69	100	591	-----	1,676	94	352	12,965	14,215	1,250
Smelting and refining, copper.....	1909	4	2,564	-----	242	2,322	22,320	29,078	366	1,335	118,986	125,651	6,715
	1904	5	1,345	-----	102	1,243	5,295	7,893	129	645	58,812	62,796	3,984
	1899	7	1,783	2	74	1,707	8,320	6,944	139	915	32,545	38,365	5,820

\* Excluding statistics for one establishment, to avoid disclosure of individual operations.

\* Excluding statistics for three establishments, to avoid disclosure of individual operations.

\* Excluding statistics for two establishments, to avoid disclosure of individual operations.

STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
<b>STATE—Continued.</b>													
Smelting and refining, not from the ore.	1909	14	1,194	10	127	1,057	5,931	\$6,681	\$188	\$606	\$7,227	\$9,598	\$2,371
	1904	13	1,104	7	104	993	13,637	5,469	142	587	4,842	7,034	2,192
	1899	8	219	8	10	201	.....	2,162	19	77	268	469	201
Soap.....	1909	21	2,301	10	692	1,599	2,761	8,306	881	796	7,084	13,674	6,590
	1904	14	775	8	148	619	625	1,719	120	287	2,043	4,018	1,975
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stoves and furnaces, including gas and oil stoves.	1909	8	893	2	195	696	1,146	1,838	253	607	574	1,688	1,114
	1904	4	720	1	54	665	455	958	131	565	440	1,518	1,078
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Surgical appliances and artificial limbs.....	1909	11	1,784	9	363	1,412	3,188	3,902	455	542	1,240	2,991	1,742
	1904	11	952	8	98	846	1,617	2,327	102	283	1,104	2,108	1,004
	1899	10	484	10	57	417	.....	869	88	134	572	1,200	628
Tobacco manufactures.....	1909	462	10,610	482	662	9,466	3,302	21,164	829	3,156	10,796	24,177	13,381
	1904	554	7,356	570	278	6,508	1,797	20,522	281	2,041	3,808	10,988	7,180
	1899	498	4,346	509	242	3,595	2,213	8,003	228	1,232	3,442	10,436	6,994
Typewriters and supplies.....	1909	8	363	.....	91	272	512	959	90	202	278	740	462
	1904	3	166	2	32	132	228	318	27	80	125	315	190
	1899	5	745	5	91	649	365	1,015	60	340	232	745	513
Wall paper.....	1909	8	894	6	106	782	1,442	3,326	153	369	1,500	2,872	1,372
	1904	4	701	2	84	615	590	2,401	128	299	1,032	2,094	1,062
	1899	5	675	6	60	609	.....	1,428	100	276	1,004	1,508	504
Wall plaster.....	1909	5	203	2	23	178	977	654	42	109	332	613	281
	1904	3	57	.....	11	46	200	114	16	26	109	204	95
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wire.....	1909	7	6,255	.....	609	5,646	17,436	21,829	624	2,767	22,298	28,858	6,560
	1904	4	678	.....	59	619	4,150	2,047	86	316	9,889	11,104	1,215
	1899	3	192	1	15	176	.....	1,105	29	122	2,899	3,375	476
Woolen, worsted, and felt goods, and wool hats.	1909	33	13,119	28	439	12,652	20,254	36,391	885	4,964	21,033	33,939	12,906
	1904	35	9,301	38	280	8,983	14,008	18,979	465	2,951	10,628	16,394	5,766
	1899	328	7,235	14	163	7,058	11,326	17,437	303	2,194	7,626	12,270	4,644
All other industries.....	1909	1,321	54,445	1,167	6,091	47,187	113,176	205,722	8,401	25,487	178,837	250,551	71,714
	1904	1,068	47,594	1,013	4,159	42,422	82,099	163,140	5,513	21,382	145,337	204,140	58,803
	1899	1,095	.....	.....	2,550	27,069	.....	95,280	3,076	12,940	104,116	137,304	33,188

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

<b>BAYONNE—All industries.....</b>													
	1909	97	8,790	84	1,187	7,519	28,094	\$62,281	\$1,762	\$4,775	\$58,933	\$73,641	\$14,708
	1904	58	7,851	48	746	7,057	.....	50,297	1,037	4,277	46,984	60,634	13,650
	1899	63	.....	.....	248	4,670	.....	26,251	413	2,623	33,794	38,601	4,807
Bread and other bakery products.....	1909	17	106	18	13	75	29	159	5	58	207	340	133
	1904	13	86	13	.....	73	.....	72	.....	41	156	238	82
	1899	15	65	16	3	46	.....	39	1	23	82	145	63
Foundry and machine-shop products.....	1909	7	1,234	10	308	916	1,722	10,649	452	636	1,642	4,155	2,513
	1904	4	1,756	2	188	1,566	.....	6,429	245	1,012	1,919	4,371	2,452
	1899	3	.....	.....	3	17	.....	26	2	9	7	24	17
All other industries.....	1909	73	7,450	56	866	6,528	26,343	51,473	1,305	4,081	57,084	69,146	12,062
	1904	41	6,009	33	558	5,418	.....	43,796	702	3,224	44,909	56,025	11,116
	1899	45	.....	.....	242	4,007	.....	26,186	410	2,591	33,705	38,432	4,727
<b>CAMDEN—All industries.....</b>													
	1909	365	16,709	315	1,867	16,527	29,056	\$49,158	\$2,406	\$8,607	\$27,384	\$49,138	\$21,754
	1904	298	14,127	265	1,201	12,061	.....	31,992	1,466	6,098	20,423	33,587	13,164
	1899	322	.....	.....	658	7,742	.....	15,593	682	3,217	10,442	17,970	7,528
Boots and shoes, including cut stock and findings.	1909	10	456	13	21	422	99	382	22	215	497	845	348
	1904	15	520	20	26	474	.....	319	22	193	417	759	342
	1899	23	478	20	29	429	.....	318	23	155	365	609	244
Bread and other bakery products.....	1909	60	339	61	6	272	94	398	4	154	453	762	309
	1904	57	205	59	10	136	.....	162	5	76	274	448	174
	1899	61	180	62	17	101	.....	120	7	46	164	309	145
Foundry and machine-shop products.....	1909	25	1,799	17	253	1,529	1,408	4,538	242	910	2,407	3,948	1,541
	1904	38	1,210	6	89	1,115	.....	2,853	79	614	1,056	2,080	994
	1899	13	.....	.....	107	1,076	.....	1,787	116	559	877	2,183	1,306
Leather, tanned, curried, and finished.	1909	7	1,171	.....	60	1,111	1,320	3,461	129	612	4,270	5,920	1,650
	1904	4	811	.....	62	749	.....	1,604	71	342	5,095	6,365	670
	1899	3	480	.....	28	452	.....	838	40	188	1,175	1,516	341
Lumber and timber products.....	1909	4	150	2	20	128	411	177	17	79	236	362	126
	1904	3	192	3	17	172	.....	391	15	92	548	784	186
	1899	4	138	5	18	115	.....	251	20	61	217	371	154
Printing and publishing.....	1909	35	266	32	43	191	139	357	37	105	90	350	260
	1904	33	192	30	34	128	.....	277	35	70	60	265	205
	1899	30	196	31	24	141	.....	261	21	57	53	221	168

<sup>1</sup> Not reported separately.

<sup>2</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

<sup>3</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
<b>CAMDEN—Continued.</b>													
Shipbuilding, including boat building.	1909	15	3,682	12	346	3,324	6,098	\$14,124	\$441	\$2,047	\$3,100	\$5,626	\$2,526
	1904	12	3,385	14	225	3,146	7,650	7,650	379	1,906	2,533	5,035	2,502
	1899	19	288	10	12	266	220	220	9	177	143	410	297
Slaughtering and meat packing.	1909	6	52	10	42	51	147	147	32	693	763	70	
	1904	3	26	6	5	15	64	64	3	9	391	422	
	1899	3	31	5	25	43	43	1	15	423	456	33	
Soap.	1909	5	260	72	188	270	951	146	79	723	1,265	542	
	1904	4	89	24	65	387	387	33	31	189	395	200	
	1899	3	58	20	38	433	433	19	16	97	182	85	
Tobacco manufactures.	1909	25	582	24	26	532	293	270	28	135	258	661	
	1904	27	602	29	28	545	1,314	1,314	19	130	247	329	
	1899	24	79	26	4	49	29	1	19	26	60	34	
Woolen, worsted, and felt goods, and wool hats.	1909	4	1,179	9	21	1,149	2,900	3,248	63	355	2,704	8,608	
	1904	5	1,022	7	33	982	2,377	2,377	67	261	1,855	2,528	
	1899	5	978	7	13	958	2,693	2,693	23	241	1,406	2,091	
All other industries.	1909	169	8,773	135	999	7,639	15,973	21,105	1,277	3,884	11,953	25,028	
	1904	127	5,873	91	648	5,134	14,534	14,534	770	2,374	7,128	13,980	
	1899	144	385	385	385	4,092	8,600	8,600	402	1,683	5,496	9,562	
<b>ELIZABETH—All industries.</b>													
Bread and other bakery products.	1909	31	142	31	111	38	194	\$26,774	\$1,052	\$7,513	\$16,429	\$29,147	
	1904	27	121	30	87	192	192	23,564	866	7,398	16,982	29,301	
	1899	35	135	39	95	135	135	15,951	801	5,476	12,913	22,861	
Foundry and machine-shop products.	1909	18	1,095	13	166	916	1,571	2,496	215	604	996	1,877	
	1904	15	2,633	10	229	2,394	2,496	7,436	243	1,561	1,436	3,887	
	1899	16	2,183	12	211	1,960	4,292	4,292	297	1,153	2,093	4,444	
Leather, tanned, curried, and finished.	1909	3	207	6	8	193	225	742	12	85	713	991	
	1904	3	326	3	29	294	310	310	52	138	104	385	
	1899	3	326	3	29	294	310	310	52	138	104	385	
Oil, not elsewhere specified.	1909	5	76	1	32	43	425	553	53	29	797	1,005	
	1904	3	125	1	54	70	1,101	1,101	75	52	2,102	2,388	
	1899	3	65	65	55	55	751	751	91	35	1,405	1,679	
Printing and publishing.	1909	9	548	7	62	479	661	2,306	76	406	166	867	
	1904	11	152	9	40	103	142	142	27	59	38	172	
	1899	10	15	15	77	77	109	109	15	40	33	148	
All other industries.	1909	97	11,602	74	533	10,995	17,204	20,483	696	6,320	13,575	24,060	
	1904	65	9,818	47	384	9,387	14,383	14,383	463	5,532	13,106	22,159	
	1899	77	292	292	7,311	7,311	10,664	10,664	398	4,203	9,213	16,302	
<b>HOBOKEN—All industries.</b>													
Bread and other bakery products.	1909	36	492	36	35	421	255	420	23	321	873	1,410	
	1904	43	371	44	13	314	463	463	13	201	618	1,011	
	1899	25	216	27	42	147	275	275	28	90	301	525	
Copper, tin, and sheet-iron products.	1909	7	132	4	20	108	90	114	24	105	126	301	
	1904	5	32	6	2	24	34	34	2	19	24	56	
	1899	5	32	6	2	24	34	34	2	19	24	56	
Foundry and machine-shop products.	1909	23	957	9	93	855	1,101	1,843	153	558	582	1,808	
	1904	22	1,052	13	96	943	1,635	1,635	138	542	737	1,763	
	1899	18	1,103	16	58	1,029	1,359	1,359	85	622	847	1,869	
Furniture and refrigerators.	1909	5	676	4	56	616	625	1,064	86	334	557	1,314	
	1904	3	349	2	38	309	490	490	65	146	190	544	
	1899	3	349	2	38	309	490	490	65	146	190	544	
Leather goods.	1909	3	274	1	30	243	190	216	73	112	304	507	
	1904	5	528	6	67	455	588	588	92	139	468	783	
	1899	5	528	6	67	455	588	588	92	139	468	783	
Lumber and timber products.	1909	7	150	6	16	128	293	242	16	100	227	442	
	1904	6	82	6	9	67	104	104	9	45	121	201	
	1899	3	52	3	3	46	122	122	5	30	61	114	
Printing and publishing.	1909	17	344	17	93	234	235	440	108	165	186	577	
	1904	25	286	24	94	168	323	323	89	112	109	487	
	1899	13	122	14	26	82	115	115	16	55	43	163	
Silk and silk goods, including throwsters.	1909	4	339	1	20	318	133	471	28	143	397	706	
	1904	3	349	1	22	326	405	405	24	111	193	456	
	1899	3	257	9	4	244	239	239	8	80	96	222	
All other industries.	1909	142	5,975	128	670	5,177	8,186	15,088	854	2,715	6,217	13,348	
	1904	107	5,181	176	384	4,621	7,730	7,730	482	2,258	4,120	8,776	
	1899	132	269	269	269	4,164	5,365	5,365	353	1,748	3,678	7,590	

<sup>1</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

<sup>2</sup> Figures can not be shown without disclosing individual operations.

STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
<b>JERSEY CITY—All Industries.</b>	1909	745	30,239	614	4,171	25,454	35,917	\$79,794	\$5,049	\$13,216	\$89,317	\$128,775	\$39,458
	1904	628	23,312	580	2,379	20,353		82,395	2,990	10,021	48,799	75,741	26,942
	1899	536			1,614	17,391		78,612	2,039	7,965	50,266	72,930	22,664
Boxes, fancy and paper.....	1909	5	589	3	29	557	194	365	42	166	238	527	289
	1904	4	483	2	20	466		265	19	127	173	408	235
	1899	4	430	3	19	408		224	18	105	110	283	173
Brass and bronze products.....	1909	9	400	5	55	340	550	1,277	113	185	1,577	2,180	603
	1904	9	354	7	47	300		1,297	64	172	1,201	1,730	529
	1899	8	173	7	17	149		960	16	84	719	881	162
Bread and other bakery products.....	1909	113	757	117	106	534	221	954	74	387	1,531	2,485	954
	1904	113	525	121	24	380		662	9	247	927	1,499	572
	1899	70	311	70	7	234		286	4	144	382	748	366
Cars and general shop construction and repairs by steam-railroad companies.	1909	4	2,106		288	1,818	927	405	191	1,044	1,273	2,539	1,266
	1904	4	2,482		145	2,337		1,440	121	1,280	1,160	2,593	1,433
	1899	3	2,358		86	2,272		1,408	65	1,212	1,289	2,613	1,324
Chemicals.....	1909	5	244		49	195	657	1,301	104	125	1,067	1,623	559
	1904	6	152	2	18	132		866	41	87	746	1,059	313
	1899	9	300	7	26	267		907	41	142	1,683	2,079	396
Confectionery.....	1909	7	389	2	59	328	493	665	47	146	839	1,151	312
	1904	4	69	5	6	58		126	6	19	97	169	72
	1899												
Cooperage and wooden goods, not elsewhere specified.	1909	6	232	3	27	202	205	424	36	99	351	547	196
	1904	5	267	3	10	254		279	11	111	253	471	218
	1899	5			15	233		253	25	104	234	486	252
Copper, tin, and sheet-iron products...	1909	28	436	24	72	340	478	862	74	241	732	1,284	552
	1904	27	296	31	32	233		464	36	149	205	510	305
	1899	13			16	252		422	17	120	188	407	219
Electrical machinery, apparatus, and supplies.	1909	10	663	6	72	585	522	933	85	293	596	1,253	657
	1904	4	471		47	424		751	47	154	380	663	283
	1899	5	389	1	80	308		500	56	108	277	546	269
Foundry and machine-shop products..	1909	49	2,119	27	302	1,790	2,830	5,784	396	1,236	1,941	4,700	2,759
	1904	37	2,122	21	202	1,899		3,904	239	1,221	1,599	3,858	2,259
	1899	36	1,400	27	160	1,213		3,191	187	707	934	2,276	1,342
Leather goods.....	1909	10	571	11	24	536	124	592	65	228	575	986	411
	1904	4	473	3	33	437		563	76	173	407	828	421
	1899	3			16	384		175	43	143	284	603	319
Lumber and timber products.....	1909	20	671	19	66	586	1,053	1,385	80	329	936	1,619	683
	1904	12	599	13	54	532		1,188	89	259	1,225	1,798	573
	1899	9	565	6	45	514		1,385	61	253	747	1,390	643
Millinery and lace goods.....	1909	34	730	43	62	625	269	800	59	269	504	1,085	581
	1904	15	231	20	7	204		168	8	78	116	277	161
	1899	7	80	10	1	69		29	1	28	20	65	45
Paint and varnish.....	1909	6	156	2	57	97	410	571	78	63	556	882	326
	1904	3	67	1	14	52		309	22	34	244	421	177
	1899	3	67	2	11	54		329	17	27	223	342	119
Paper and wood pulp.....	1909	4	171		14	157	1,250	567	36	90	242	462	220
	1904	4	165	2	13	150		482	31	78	202	430	228
	1899	4	140	4	9	127		353	21	68	158	315	157
Patent medicines and compounds and druggists' preparations.	1909	13	142	7	59	76	185	362	76	40	141	479	338
	1904	15	183	12	50	121		300	54	51	231	623	392
	1899	8			31	61		174	26	31	81	289	208
Printing and publishing.....	1909	48	648	35	147	466	642	1,166	161	295	457	1,193	736
	1904	44	597	47	108	442		1,050	112	302	349	1,176	827
	1899	24	651	24	45	582		700	61	290	250	739	489
Silk and silk goods, including throwsters.	1909	7	1,093	6	39	1,048	780	1,200	54	550	1,002	2,071	1,069
	1904	6	1,001	7	33	961		1,416	42	417	759	1,466	707
	1899	6	900	7	20	873		674	24	349	604	1,275	671
Slaughtering and meat packing.....	1909	20	1,124	13	255	856	945	4,250	351	593	20,537	22,314	1,777
	1904	9	184	13	23	148		349	31	106	7,146	7,569	423
	1899	12	179	17	13	149		374	17	110	5,392	5,709	317
Tobacco manufactures.....	1909	51	2,814	50	187	2,577	1,479	4,959	223	943	5,886	11,065	5,179
	1904	73	1,610	72	47	1,491		5,323	45	373	644	2,162	1,518
	1899	81	1,710	81	66	1,563		5,486	58	399	1,947	6,037	4,090
All other industries.....	1909	296	14,184	241	2,202	11,741	21,703	50,962	2,704	5,894	48,336	68,327	19,991
	1904	230	10,976	198	1,446	9,332		61,193	1,887	4,583	30,735	46,031	15,296
	1899	226			931	7,679		60,722	1,281	3,541	34,744	45,847	11,103

<sup>1</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

<sup>2</sup> Figures can not be shown without disclosing individual operations.

<sup>3</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.  
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
<b>NEWARK—All industries.....</b>	1909	1,858	69,986	1,704	8,327	59,955	78,263	\$154,233	\$11,777	\$33,076	\$114,679	\$202,512	\$87,833
	1904	1,600	57,463	1,631	5,135	50,687		119,026	6,685	25,622	80,689	150,055	69,366
	1899	1,573			4,146	42,878		97,182	5,256	20,365	60,772	112,728	51,956
Boots and shoes, including cut stock and findings.	1909	12	1,585	8	128	1,449	490	1,505	174	704	1,673	2,901	1,228
	1904	15	1,656	12	84	1,500		1,172	119	698	1,470	2,732	1,262
	1899	23			147	1,065		1,225	167	710	1,546	2,990	1,444
Boxes, fancy and paper.....	1909	13	661	10	31	620	301	294	35	187	261	648	387
	1904	11	410	10	16	384		148	12	123	159	342	183
	1899	9	376	9	10	357		132	9	90	142	301	159
Brass and bronze products.....	1909	22	304	18	45	241	264	313	47	139	321	611	290
	1904	21	203	24	12	167		215	15	95	150	347	197
	1899	16			7	165		493	5	88	246	421	175
Bread and other bakery products.....	1909	205	1,357	204	127	1,026	566	1,646	163	738	2,711	4,627	1,916
	1904	163	1,130	162	135	833		1,347	107	560	1,903	3,115	1,212
	1899	179	1,134	185	146	803		1,340	107	433	1,498	2,540	1,042
Buttons.....	1909	30	1,608	31	78	1,499	786	1,018	122	625	856	1,907	1,051
	1904	27	1,174	28	71	1,075		654	81	445	511	1,282	771
	1899	23	1,113	31	49	1,033		432	46	367	362	912	550
Carriages and wagons and materials....	1909	39	394	48	22	324	277	688	27	204	214	599	385
	1904	44	737	54	37	640		967	54	369	431	1,144	713
	1899	50			54	665		1,165	58	364	537	1,243	706
Chemicals.....	1909	9	1,795	3	228	1,564	4,455	6,629	386	823	2,404	4,805	2,401
	1904	9	1,557	16	176	1,365		7,542	269	630	1,795	3,965	2,170
	1899	9	1,231	7	161	1,063		7,212	252	503	1,461	3,113	1,652
Clocks and watches, including cases and materials.	1909	6	586	1	43	542	363	1,763	70	324	593	1,179	586
	1904	3	110	1	12	97		1,601	19	61	65	170	105
	1899	3			42	696			59	341	793	1,389	596
Clothing, men's, including shirts.....	1909	73	2,177	91	90	1,996	285	1,131	95	998	802	2,473	1,671
	1904	48	1,771	59	50	1,662		665	57	716	672	1,850	1,178
	1899	49			30	1,250		359	44	455	319	1,143	824
Clothing, women's.....	1909	30	2,615	30	265	2,320	382	1,739	212	767	1,569	3,349	1,780
	1904	20	2,044	26	127	1,891		936	121	488	1,348	2,374	1,028
	1899	24	1,460	27	103	1,330		932	88	410	716	1,643	927
Confectionery.....	1909	16	471	17	73	381	252	1,328	70	131	837	1,635	798
	1904	11	307	16	23	268		409	18	96	387	932	545
	1899	6			19	46		87	8	20	85	154	69
Copper, tin, and sheet-iron products....	1909	43	2,883	35	185	2,663	1,257	3,612	281	1,424	1,800	4,166	2,366
	1904	48	2,646	42	161	2,443		2,759	235	1,067	1,522	3,324	1,802
	1899	27			53	1,081		1,018	60	410	526	1,245	719
Cutlery and tools, not elsewhere specified.	1909	39	1,759	38	145	1,576	1,616	2,162	192	756	646	2,081	1,435
	1904	32	1,407	30	97	1,280		1,667	121	546	1,722	1,176	1,176
	1899	30			128	1,366		1,239	147	623	615	1,686	1,071
Electrical machinery, apparatus, and supplies.	1909	21	3,346	6	520	2,820	2,508	7,433	658	1,516	1,482	5,617	4,135
	1904	15	1,538	5	155	1,378		5,177	170	670	845	2,549	1,704
	1899	12	574	8	91	475		1,463	90	264	422	1,169	747
Fancy articles, not elsewhere specified..	1909	14	372	19	70	283	251	369	52	137	155	439	284
	1904	11	1,084	6	160	918		1,022	171	409	552	1,583	1,031
	1899	19			182	794		842	175	321	468	1,160	692
Foundry and machine-shop products...	1909	168	7,585	121	797	6,667	8,923	13,136	1,376	4,228	6,661	15,482	8,821
	1904	159	6,528	137	593	5,798		9,780	883	3,124	3,871	10,637	6,766
	1899	149	4,992	138	383	4,471		7,083	519	2,216	3,166	7,717	4,561
Hats, fur-felt.....	1909	35	2,384	47	179	2,158	2,553	2,176	196	1,419	2,074	4,433	2,359
	1904	37	2,785	44	168	2,583		2,334	167	1,502	2,204	4,586	2,382
	1899	31	2,395	27	95	2,273		1,272	111	1,155	1,741	3,454	1,713
Jewelry.....	1909	145	4,777	162	766	3,849	1,214	11,937	1,252	2,511	6,240	13,152	6,912
	1904	110	3,532	172	384	2,976		7,133	522	1,833	4,628	9,258	4,630
	1899	98	3,254	165	321	2,768		5,513	395	1,556	3,823	7,364	3,541
Leather goods.....	1909	46	865	43	135	687	505	1,304	134	382	859	1,666	807
	1904	48	906	54	92	760		911	96	379	907	1,811	904
	1899	36			78	1,193		1,128	82	578	988	2,050	1,062
Leather, tanned, curried, and finished..	1909	63	4,149	51	304	3,794	6,786	12,837	566	2,504	13,416	18,858	5,442
	1904	52	3,799	48	227	3,524		9,796	347	2,108	8,610	13,578	4,908
	1899	61	3,562	58	221	3,283		8,087	338	1,661	7,392	10,857	3,465
Liquors, malt.....	1909	14	1,540		311	1,229	8,319	19,928	714	1,041	2,799	12,361	9,562
	1904	17	1,461	2	305	1,154		15,824	607	958	2,337	10,917	8,690
	1899	16	1,180	6	204	970		12,176	490	775	1,654	8,236	6,583
Lumber and timber products.....	1909	26	829	14	84	731	1,413	1,329	86	346	1,076	1,916	840
	1904	27	774	25	53	696		665	53	393	693	1,253	560
	1899	20	479	17	39	423		459	43	183	450	793	343
Marble and stone work.....	1909	23	333	31	31	271	696	713	47	250	322	834	512
	1904	13	412	8	25	379		486	47	325	288	386	598
	1899	16			21	376		436	34	247	325	723	393

<sup>1</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.  
<sup>2</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
			Expressed in thousands.										
<b>NEWARK—Continued.</b>													
Mattresses and spring beds.....	1909	7	323	10	43	270	113	\$379	\$44	\$131	\$437	\$664	\$227
	1904	6	83	7	11	65	.....	86	13	35	152	240	88
	1899	6	.....	.....	4	36	.....	32	4	17	72	110	38
Millinery and lace goods.....	1909	9	269	13	15	241	98	215	12	104	201	404	203
	1904	4	327	4	5	318	.....	217	4	94	181	367	186
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oil, not elsewhere specified.....	1909	5	217	.....	88	129	172	1,087	133	76	1,215	1,614	399
	1904	4	92	1	29	62	.....	434	61	43	753	994	241
	1899	5	79	.....	35	44	.....	322	62	24	424	588	164
Paint and varnish.....	1909	25	1,033	6	414	613	2,548	6,028	770	385	4,268	6,733	2,465
	1904	20	790	5	306	479	.....	4,122	475	284	2,522	4,706	2,184
	1899	23	709	10	277	422	.....	4,561	416	277	1,945	3,044	1,039
Patent medicines and compounds and druggists' preparations.	1909	33	244	20	86	138	184	700	189	63	372	1,338	966
	1904	17	138	10	28	100	.....	404	37	39	183	959	776
	1899	11	77	3	20	54	.....	40	16	16	64	173	109
Printing and publishing.....	1909	118	2,180	120	392	1,668	1,307	4,273	449	1,184	1,247	4,519	3,272
	1904	81	1,750	86	352	1,312	.....	2,638	352	743	748	2,752	2,004
	1899	83	1,386	89	189	1,108	.....	1,908	197	580	626	2,045	1,419
Rubber goods, not elsewhere specified..	1909	4	169	2	22	145	470	617	34	75	477	691	214
	1904	4	119	3	9	107	.....	428	16	49	270	434	164
	1899	5	108	1	7	100	.....	213	11	39	242	361	119
Slaughtering and meat packing.....	1909	13	355	12	55	288	687	886	55	188	3,760	4,297	537
	1904	10	232	12	18	202	.....	422	12	126	2,520	2,934	414
	1899	12	.....	.....	39	179	.....	377	33	96	3,292	3,559	267
Tobacco manufactures.....	1909	101	1,735	106	104	1,525	175	2,298	146	556	1,003	2,771	1,768
	1904	112	1,413	119	49	1,245	.....	1,076	52	406	651	1,743	1,092
	1899	113	824	123	22	679	.....	561	22	299	379	1,049	670
All other industries.....	1909	451	19,086	387	2,451	16,243	28,047	42,760	2,990	8,160	51,928	73,742	21,814
	1904	401	14,538	403	1,165	12,970	.....	37,314	1,372	6,083	36,815	54,669	17,754
	1899	404	76	4	969	11,710	.....	33,474	1,168	5,242	24,453	38,896	14,443
<b>PASSAIC—All industries.....</b>													
	1909	169	16,386	145	1,155	15,086	23,245	\$42,841	\$1,784	\$6,269	\$24,335	\$41,729	\$17,394
	1904	95	11,854	78	776	11,000	.....	28,611	1,073	3,866	13,110	22,783	9,673
	1899	70	.....	.....	403	6,399	.....	18,377	623	2,374	7,418	12,805	5,387
Bread and other bakery products.....	1909	42	196	46	15	135	30	192	7	92	321	554	233
	1904	17	73	17	3	53	.....	68	3	28	110	176	66
	1899	17	65	16	.....	49	.....	63	.....	23	84	195	111
Cotton goods, including cotton small wares.	1909	5	1,371	.....	65	1,306	2,510	3,529	112	544	2,544	3,954	1,410
	1904	3	549	.....	42	507	.....	1,930	80	183	685	1,123	438
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foundry and machine-shop products...	1909	13	282	13	68	201	468	710	90	132	318	692	374
	1904	9	396	9	111	276	.....	674	129	145	239	792	553
	1899	6	75	7	4	64	.....	123	8	36	111	175	64
Woolen, worsted, and felt goods, and wool hats.	1909	6	7,184	6	293	6,885	8,960	20,889	547	2,752	8,944	16,582	7,638
	1904	3	848	.....	20	828	.....	1,688	34	298	584	1,038	454
	1899	3	500	.....	14	486	.....	833	27	168	388	737	349
All other industries.....	1909	103	7,353	80	714	6,559	11,277	17,521	1,028	2,749	12,208	19,947	7,739
	1904	62	9,988	52	600	9,336	.....	24,251	827	3,212	11,492	19,654	8,162
	1899	44	1,372	.....	385	5,800	.....	17,358	588	2,147	6,535	11,698	4,863
<b>PATERSON—All industries.....</b>													
	1909	702	35,116	871	2,241	32,004	35,889	\$68,402	\$2,981	\$15,205	\$34,728	\$69,584	\$34,856
	1904	513	30,375	507	1,859	28,509	.....	53,696	2,164	13,002	27,441	54,673	27,232
	1899	487	.....	.....	1,199	28,542	.....	46,894	1,588	11,843	25,055	48,502	23,447
Bread and other bakery products.....	1909	86	572	312	22	238	95	388	11	155	692	1,011	319
	1904	73	266	82	11	173	.....	241	4	101	419	632	213
	1899	80	224	86	.....	138	.....	243	.....	75	294	520	226
Clothing, men's, including shirts.....	1909	12	1,985	11	118	1,866	411	2,219	157	828	2,016	3,445	1,429
	1904	6	1,147	15	30	1,102	.....	447	20	412	731	1,688	957
	1899	3	987	8	17	962	.....	533	16	398	433	942	509
Cordage and twine and jute and linen goods.	1909	5	2,007	.....	72	1,935	4,150	3,671	79	576	1,882	2,794	912
	1904	3	733	.....	25	708	.....	1,143	38	227	497	929	432
	1899	4	.....	.....	35	1,422	.....	2,016	49	394	1,096	1,902	806
Cotton goods, including cotton small wares.	1909	6	272	6	42	224	365	664	27	78	204	380	176
	1904	3	96	2	8	86	.....	180	5	18	72	131	59
	1899	3	.....	.....	6	174	.....	358	26	64	155	288	133
Dyeing and finishing textiles.....	1909	24	3,858	14	194	3,650	7,739	11,048	320	1,832	2,759	6,207	3,443
	1904	27	3,279	12	193	3,074	.....	4,190	282	1,567	2,694	5,699	3,005
	1899	30	2,882	24	151	2,707	.....	2,826	221	1,185	1,809	3,836	2,027
Foundry and machine-shop products...	1909	47	2,530	44	217	2,269	1,880	6,594	280	1,178	1,535	3,797	2,262
	1904	42	1,980	41	169	1,773	.....	3,004	208	707	778	2,430	1,652
	1899	42	4,088	39	169	3,880	.....	6,699	234	1,858	3,127	5,956	2,829

<sup>1</sup> Figures can not be shown without disclosing individual operations.  
<sup>2</sup> Excluding statistics for 1 establishment, to avoid disclosure of individual operations.  
<sup>3</sup> Excluding statistics for 2 establishments, to avoid disclosure of individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
<b>PATERSON—Continued.</b>													
Lumber and timber products.....	1909	8	193	5	25	163	361	\$353	\$28	\$99	\$234	\$420	\$186
	1904	16	112	6	31	75	.....	405	28	41	163	259	96
	1899	13	33	2	6	25	.....	111	4	11	72	101	29
Printing and publishing.....	1909	42	425	38	75	312	471	644	73	183	159	610	451
	1904	130	304	27	53	224	.....	530	51	128	120	393	273
	1899	122	224	15	29	180	.....	432	36	108	63	296	233
Silk and silk goods, including throwsters.	1909	276	20,099	250	1,021	18,828	13,361	26,447	1,456	8,872	19,520	40,358	20,838
	1904	190	15,562	190	748	14,624	.....	18,725	883	6,107	13,004	25,433	12,420
	1899	136	16,704	159	602	15,943	.....	19,026	736	6,292	14,106	26,006	11,900
Slaughtering and meat packing.....	1909	6	166	4	47	115	408	578	73	118	2,529	3,003	474
	1904	3	156	1	28	127	.....	600	37	95	1,965	2,207	242
	1899	3	90	4	11	75	.....	400	15	42	1,043	1,370	327
Tobacco manufactures.....	1909	37	208	42	7	159	26	169	10	90	172	333	161
	1904	37	185	36	10	139	.....	124	19	83	113	297	184
	1899	128	103	28	4	71	.....	87	2	38	66	146	80
All other industries.....	1909	153	2,801	145	401	2,255	6,622	13,627	467	1,196	3,026	7,226	4,200
	1904	93	7,055	95	566	6,404	.....	24,107	589	3,426	6,885	14,575	7,090
	1899	133	.....	.....	169	2,965	.....	14,163	249	1,378	2,791	7,139	4,348
<b>TRENTON—All Industries.....</b>													
	1909	340	20,679	295	1,841	18,543	29,839	\$46,639	\$2,232	\$9,726	\$27,673	\$49,009	\$21,336
	1904	311	15,435	293	1,012	14,130	.....	40,861	1,311	6,921	17,551	32,360	14,809
	1899	246	.....	.....	739	13,138	.....	24,625	903	6,003	16,581	28,458	11,877
Bread and other bakery products.....	1909	48	442	53	40	349	221	496	29	187	832	1,279	447
	1904	43	359	56	21	282	.....	340	15	144	541	897	326
	1899	45	300	50	21	229	.....	266	13	100	285	550	265
Clothing, men's, including shirts.....	1909	6	240	9	17	214	52	217	22	57	247	375	128
	1904	4	69	7	6	56	.....	41	5	26	86	158	72
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Confectionery.....	1909	10	188	8	37	143	96	190	31	43	189	374	185
	1904	3	53	2	4	47	.....	84	6	21	71	128	57
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foundry and machine-shop products...	1909	28	2,261	21	242	1,998	3,327	4,960	278	1,096	1,785	3,838	2,053
	1904	27	1,695	25	108	962	.....	2,255	122	546	1,142	2,089	947
	1899	17	687	13	40	634	.....	621	57	282	419	894	475
Furniture and refrigerators.....	1909	4	246	3	26	217	282	355	24	131	135	392	257
	1904	3	180	1	13	166	.....	335	18	108	137	344	207
	1899	14	.....	.....	16	95	.....	95	13	41	48	129	81
Pottery, terra-cotta, and fire-clay products.	1909	34	5,347	13	304	5,030	3,113	8,892	451	3,143	2,035	6,996	4,961
	1904	40	4,876	24	281	4,571	.....	8,489	397	2,474	1,446	5,883	4,437
	1899	29	4,521	34	198	4,289	.....	7,097	260	2,344	1,196	4,735	3,589
Printing and publishing.....	1909	35	431	40	67	324	255	641	81	223	188	738	550
	1904	33	320	38	46	236	.....	577	46	172	130	505	375
	1899	20	275	21	36	218	.....	476	26	139	93	382	289
Rubber goods, not elsewhere specified...	1909	8	1,059	1	122	936	2,614	2,930	176	501	3,681	4,969	1,288
	1904	5	391	.....	45	346	.....	789	46	165	715	1,114	399
	1899	6	584	.....	54	530	.....	1,225	90	228	957	1,690	733
Slaughtering and meat packing.....	1909	9	66	10	9	47	104	202	5	30	541	636	95
	1904	4	27	5	1	21	.....	86	1	11	60	90	30
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tobacco manufactures.....	1909	19	1,116	17	71	1,028	120	408	93	287	599	1,528	929
	1904	31	559	29	35	495	.....	1,215	28	119	258	562	304
	1899	20	63	20	1	42	.....	29	( <sup>c</sup> )	22	27	72	45
All other industries.....	1909	139	9,283	120	906	8,257	19,655	27,348	1,042	4,028	17,441	27,884	10,443
	1904	118	7,506	106	452	6,948	.....	26,660	627	3,135	12,965	20,620	7,655
	1899	105	.....	.....	373	7,101	.....	14,816	444	2,847	13,556	19,956	6,400

<sup>1</sup> Excluding statistics for 1 establishment, to avoid disclosure of individual operations.  
<sup>2</sup> Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.  
<sup>3</sup> Excluding statistics for 2 establishments, to avoid disclosure of individual operations.  
<sup>4</sup> Figures can not be shown without disclosing individual operations.  
<sup>5</sup> Less than \$500.



# STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

CITY, TOWN, OR BOROUGH.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employ-ees.	Wage earners (average number).							
Asbury Park	1909 1904 1899	27	332	28	40	264	392	\$537	\$30	\$175	\$294	\$602	\$308
Atlantic City	1909 1904 1899	94 62 36	973 512	94 64	153 67 32	726 381 305	1,718	4,242 1,919 1,332	110 53 20	480 223 165	1,136 365 281	2,260 975 608	1,124 610 327
Bloomfield	1909 1904 1899	45 33 39	3,435 2,182	35 28	443 261 142	2,957 1,893 1,612	6,031	7,769 4,177 3,194	591 314 221	1,301 1,024 770	2,301 1,750 1,706	5,895 4,645 3,371	3,594 2,895 1,665
Bridgeton	1909 1904 1899	74 61 62	2,649 2,492	62 54	200 162 115	2,387 2,276 2,182	2,105	3,302 2,147 2,155	207 128 108	1,163 1,014 749	1,997 1,239 1,043	4,071 2,964 2,259	2,074 1,725 1,216
East Orange	1909 1904 1899	42 17 22	1,861 1,251	45 14	430 383 150	1,386 854 690	1,087	3,849 3,048 1,896	264 267 186	858 454 356	1,768 1,108 911	3,725 2,327 2,087	1,957 1,213 1,176
Garfield	1909 1904 1899	25	2,661	20	111	2,530	5,416	8,006	205	1,080	5,976	8,894	2,918
Hackensack	1909 1904 1899	46 23 21	873 899	44 18	91 69 29	738 812 487	1,021	1,846 2,933 1,509	119 57 22	360 278 173	899 687 371	1,978 1,488 782	1,079 801 411
Harrison	1909 1904 1899	54 41 41	7,339 4,472	33 19	806 413 202	6,500 4,040 2,859	8,021	20,602 11,389 5,076	925 524 234	3,672 1,929 1,381	5,413 3,629 3,202	13,142 8,409 6,086	7,729 4,780 2,884
Irvington	1909 1904 1899	51	656	40	76	540	967	1,406	103	278	2,343	3,018	675
Kearny	1909 1904 1899	18 11 16	3,111 1,862	14 15	277 44 28	2,820 1,303 986	5,879	6,551 2,925 1,983	269 63 43	1,540 505 359	5,263 3,505 984	8,306 4,428 1,607	3,043 923 623
Long Branch	1909 1904 1899	34 26 11	562 397	36 36	111 67 23	415 294 96	922	2,362 2,038 1,762	75 40 18	225 155 49	584 207 109	1,117 577 281	533 370 172
Millville	1909 1904 1899	39 35 18	3,144 3,022	37 26	346 229 152	2,761 2,767 2,239	3,681	3,578 3,810 3,169	368 236 160	1,424 1,528 1,098	1,599 1,384 919	4,182 3,719 2,513	2,583 2,336 1,594
Montclair	1909 1904 1899	23 19 23	321 188	17 17	52 20 12	252 151 169	1,245	1,105 566 505	44 24 14	139 72 86	669 419 386	1,026 621 664	357 202 278
Morristown	1909 1904 1899	31 26 22	278 359	32 27	45 25 36	201 307 252	766	948 782 747	39 22 24	130 171 146	369 299 310	724 704 596	355 405 286
New Brunswick	1909 1904 1899	93 71 72	5,948 4,991	72 63	612 338 238	5,264 4,590 3,836	6,337	11,189 10,393 6,319	780 400 303	2,020 1,792 1,304	4,549 4,158 2,994	10,005 8,917 5,791	5,456 4,759 2,797
Orange	1909 1904 1899	85 66 74	5,054 2,687	65 80	606 157 50	4,333 2,450 1,640	5,962	11,148 3,441 1,360	772 192 46	2,463 1,312 912	3,688 2,642 1,580	9,176 6,151 2,996	5,488 3,509 1,416
Perth Amboy	1909 1904 1899	80 53 47	6,595 4,333	55 37	674 346 157	5,866 3,950 2,005	22,314	25,100 11,583 6,374	966 400 185	2,679 1,827 920	63,932 30,316 11,347	73,093 34,800 14,061	9,161 4,484 2,714
Phillipsburg	1909 1904 1899	39 32 34	3,753 3,279	27 21	294 110 74	3,432 3,148 2,216	7,061	9,764 6,723 3,308	362 179 104	1,732 1,472 887	4,770 3,566 2,803	9,150 6,684 4,585	4,380 3,118 1,782
Plainfield	1909 1904 1899	60 49 32	2,027 2,283	55 51	214 246 121	1,753 1,986 1,384	3,912	6,508 5,101 2,450	281 238 139	968 1,026 761	1,530 1,154 813	3,649 3,572 2,437	2,119 2,418 1,624
Union	1909 1904 1899	83 77 57	3,155 2,038	83 78	178 104 92	2,894 1,856 1,376	3,034	10,910 7,295 5,354	230 183 164	1,411 875 665	3,539 1,392 1,408	7,941 3,512 3,403	4,402 2,121 1,995
West Hoboken	1909 1904 1899	137 95 65	3,179 3,923	154 102	243 269 172	2,782 3,562 2,733	1,477	4,861 6,018 3,732	268 258 152	1,425 3,122 1,059	2,488 5,947 2,529	5,577 2,825 4,769	3,089 2,825 2,240
West New York	1909 1904 1899	66	1,779	70	201	1,508	1,443	4,163	237	729	7,409	9,274	1,865
West Orange	1909 1904 1899	10	530	8	46	476	1,032	1,994	44	285	399	748	349

1 Figures not available.

TABLE II.—DETAIL STATEMENT FOR

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.											WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, supts. and managers.	Clerks.		Average number.	Wage earners.		Total.	16 and over.		Under 16.					
					Male.	Female.		Number.			Male.	Female.	Male.	Female.				
								Maximum month.	Minimum month.									
1 All industries .....	8,817	371,265	8,204	9,377	21,652	5,809	326,223	De 343,389	Ja 313,158	(1)	(1)	(1)	(1)	(1)	612,293			
2 Agricultural implements .....	10	294	9	17	36	8	224	Ap 277	Au 181	219	217	1	1	.....	724			
3 Artificial flowers and feathers and plumes.	15	106	19	1	5	1	80	Mh 113	Je 54	90	10	77	1	2	16			
4 Artificial stone .....	97	642	100	34	14	6	488	My 577	Fe 374	534	533	.....	1	.....	430			
5 Automobiles, including bodies and parts.	24	1,159	8	51	50	26	1,024	Ja 1,211	Ja 897	1,218	1,202	10	6	.....	1,311			
6 Baskets, and rattan and willow ware ..	32	181	36	4	.....	.....	141	My 157	De 110	145	134	6	5	.....	341			
7 Belting and hose, leather .....	8	75	10	5	11	3	46	Ja <sup>2</sup> 47	Ap 45	46	43	2	1	.....	60			
8 Belting and hose, woven and rubber ..	12	2,533	.....	55	136	47	2,295	De 2,551	My 2,185	2,566	2,208	347	8	3	8,743			
9 Blacking and cleansing and polishing preparations.	35	336	28	30	34	11	233	No 333	Jy 184	303	173	99	20	11	631			
10 Boots and shoes, including cut stock and findings.	53	4,602	46	111	153	60	4,252	De 4,366	Ap 4,126	4,369	2,656	1,587	68	58	1,500			
11 Boxes, cigar .....	5	81	5	2	1	2	71	Ja 74	Ap 68	72	20	37	.....	15	56			
12 Boxes, fancy and paper .....	46	2,321	36	55	56	32	2,142	No 2,292	Fe 2,046	2,271	734	1,387	24	126	1,224			
13 Brass and bronze products .....	66	1,488	61	68	73	21	1,265	De 1,430	Ja 1,157	1,426	1,391	20	15	.....	4,431			
14 Bread and other bakery products .....	1,217	6,966	1,498	86	253	193	4,936	Au 5,112	Ja 4,843	5,018	4,703	244	67	4	2,184			
15 Brick and tile .....	76	3,619	64	75	72	3	3,405	Au 4,621	Ja 1,529	3,960	3,877	36	47	.....	11,419			
16 Brooms .....	8	83	8	5	6	3	61	Ja 67	Oc 57	58	47	11	.....	.....	41			
17 Brushes .....	25	968	20	31	50	13	854	De 912	Jy 812	912	610	255	26	21	682			
18 Butter, cheese, and condensed milk ..	20	102	15	8	3	3	73	Jy <sup>2</sup> 79	Ja <sup>2</sup> 69	72	72	.....	.....	.....	771			
19 Buttons .....	64	2,433	69	46	34	23	2,261	Oc 2,340	Je 2,154	2,294	1,490	721	36	47	1,232			
20 Canning and preserving .....	84	2,051	85	61	67	20	1,818	Se 6,021	Ja 273	5,650	2,191	3,436	21	2	2,698			
21 Carpets and rugs, other than rag .....	9	939	6	26	21	2	884	De 1,003	Je 779	1,008	697	294	15	2	970			
22 Carpets, rag .....	18	66	21	.....	.....	1	44	De 48	Mh <sup>2</sup> 42	48	45	1	2	.....	17			
23 Carriages and wagons and materials ..	256	1,980	301	37	32	9	1,601	Au 1,655	Ja 1,497	1,632	1,630	1	1	.....	1,645			
24 Cars and general shop construction and repairs by steam-railroad companies.	23	7,639	.....	526	498	11	6,604	No 6,736	Jy 6,435	6,688	6,629	56	3	.....	7,640			
25 Cars and general shop construction and repairs by street-railroad companies.	15	873	.....	21	31	.....	826	Jy 850	Mh 795	830	830	.....	.....	.....	2,276			
26 Cement .....	3	1,616	.....	15	150	6	1,445	Jy 1,860	Ja 1,000	1,117	1,110	4	3	.....	16,393			
27 Chemicals .....	50	5,937	4	213	587	87	5,046	De 5,252	Au 4,780	5,267	4,758	458	17	34	13,930			
28 Chocolate and cocoa products .....	4	350	.....	11	47	2	290	Oc 336	Jy 254	309	202	96	6	5	690			
29 Clocks and watches, including cases and materials.	9	2,260	1	30	60	40	2,129	Fe 2,212	Se 2,073	2,088	1,391	631	52	14	1,414			
30 Clothing, men's, including shirts .....	150	7,680	199	98	249	140	6,994	De 7,255	Jy 6,696	7,439	2,346	4,934	56	103	1,351			
31 Clothing, women's .....	99	4,691	112	70	102	191	4,216	De 4,460	Jy 3,899	4,482	402	3,927	8	145	950			
32 Coffins, burial cases, and undertakers' goods.	7	261	4	7	35	3	212	Je <sup>2</sup> 221	Jy 198	214	197	17	.....	.....	422			
33 Confectionery .....	71	1,558	70	55	107	63	1,283	No 1,440	Ja 1,148	1,394	577	742	23	52	1,181			
34 Cooperage and wooden goods, not elsewhere specified.	43	1,162	42	35	33	6	1,046	Ja 1,177	Je 977	1,080	1,077	2	1	.....	1,613			
35 Copper, tin, and sheet-iron products ..	175	5,575	162	157	189	65	5,002	No 5,511	Ja 4,495	5,567	4,454	838	194	81	3,579			
36 Cordage and twine and jute and linen goods.	12	3,174	1	31	103	14	3,025	De 3,096	Jy 2,963	3,096	1,421	1,419	140	116	6,442			
37 Cork, cutting .....	10	466	2	16	25	5	418	No 502	Mh 318	469	394	68	1	6	855			
38 Corsets .....	11	2,013	3	21	110	34	1,845	No 1,947	Ja 1,736	1,939	159	1,694	2	84	480			
39 Cotton goods, including cotton small wares.	26	6,894	13	83	136	24	6,638	No 6,826	Jy 6,500	6,816	2,600	3,607	270	339	17,283			
40 Cutlery and tools, not elsewhere specified.	70	2,482	66	48	124	36	2,208	Oc 2,367	Ja 2,042	2,346	2,086	205	51	4	2,540			
41 Dairymen's, poultryers', and apiarists' supplies.	7	425	5	12	87	25	296	Ap 338	De 257	286	276	2	8	.....	313			
42 Dyeing and finishing textiles .....	67	10,722	32	162	340	59	10,129	Fe 10,557	Jy 9,295	10,186	8,718	1,361	75	32	19,689			
43 Electrical machinery, apparatus, and supplies.	69	13,024	22	304	1,189	410	11,099	De 12,418	Ja 10,256	12,354	7,405	4,860	59	30	11,326			
44 Electroplating .....	16	115	20	3	9	.....	83	No 92	Jy <sup>2</sup> 73	85	79	5	1	.....	125			
45 Enameling and japanning .....	13	60	13	2	1	1	43	Ja <sup>3</sup> 43	Jy <sup>3</sup> 43	43	39	4	.....	.....	30			
46 Fancy articles, not elsewhere specified.	31	1,280	38	22	59	49	1,112	Oc 1,213	My 1,047	1,152	794	330	19	9	730			
47 Fertilizers .....	22	1,384	17	40	110	9	1,208	Mh 1,518	Ja 1,086	1,235	1,217	15	3	.....	2,459			
48 Flags, banners, regalia, society badges, and emblems.	9	81	8	3	1	6	63	Se 73	Ja 53	63	30	29	1	3	10			
49 Fireworks .....	7	253	11	7	6	1	228	Je 254	De 203	206	121	73	7	5	40			
50 Flour-mill and gristmill products .....	238	790	255	28	46	8	453	No <sup>2</sup> 471	Je 431	474	471	.....	.....	.....	10,763			
51 Foundry and machine-shop products ..	591	32,076	436	938	2,477	410	27,815	De 30,530	Ja 25,845	30,616	29,552	848	188	28	41,191			
52 Fur goods .....	9	55	10	4	.....	.....	41	No <sup>2</sup> 55	Ap 27	55	23	32	.....	.....	3			
53 Furnishing goods, men's .....	21	2,740	15	35	92	140	2,458	De 2,708	Ja 2,039	2,714	284	2,280	50	100	973			
54 Furniture and refrigerators .....	49	1,949	43	48	77	26	1,755	Oc 1,849	Ja 1,653	1,771	1,721	48	2	.....	2,340			
55 Gas and electric fixtures and lamps and reflectors.	28	2,319	16	101	289	29	1,884	Ap 2,123	Jy 1,678	2,253	1,259	835	24	135	1,124			
56 Gas, illuminating and heating .....	47	2,804	.....	139	709	39	1,917	Je 1,974	Ja 1,864	1,891	1,890	1	.....	.....	6,717			
57 Glass .....	23	6,159	6	115	287	100	5,651	Ap 7,236	Ja 1,151	7,575	7,046	143	384	2	3,081			
58 Gloves and mittens, leather .....	6	172	8	1	1	.....	162	Ap 166	Se 158	163	37	126	.....	.....	26			
59 Gold and silver, leaf and foil .....	16	190	21	3	1	.....	165	No 171	Se 152	170	79	83	1	7	15			
60 Gold and silver, reducing and refining, not from the ore.	8	161	4	17	16	12	112	Fe 121	Au 107	113	111	2	.....	.....	406			
61 Hand stamps and stencils and brands ..	4	8	4	.....	.....	.....	4	Ja <sup>3</sup> 4	Jy <sup>3</sup> 4	4	4	.....	.....	.....	2			
62 Hats and caps, other than felt, straw, and wool.	7	236	10	.....	40	16	170	Oc 190	My <sup>2</sup> 153	179	145	34	.....	.....	51			
63 Hats, fur-felt .....	58	5,104	63	148	202	34	4,657	De 6,186	Fe 2,860	6,296	4,889	1,304	49	54	5,040			
64 Hosiery and knit goods .....	37	2,658	34	60	44	14	2,506	No 2,780	Ja 2,256	2,767	1,028	1,604	36	99	1,477			
65 Ice, manufactured .....	59	581	27	62	30	6	456	Au 662	Ja 234	415	415	.....	.....	.....	10,121			

<sup>1</sup> No figures given for reasons explained in the Introduction.

STATISTICS OF MANUFACTURES.

THE STATE, BY INDUSTRIES: 1909.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.
	Total.	Services.			Materials.		Miscellaneous.					
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.		
1 \$977,172,141	\$1,032,697,779	\$23,531,887	\$24,804,446	\$169,710,033	\$24,288,913	\$695,744,486	\$7,669,818	\$10,729,242	\$8,445,253	\$67,773,701	\$1,145,529,076	\$425,495,677
2 770,916	603,977	29,278	47,286	111,516	7,983	318,702	600	1,509	160	86,943	754,909	428,224
3 82,745	63,271	320	2,807	23,738	955	30,774	2,011	381	311	1,974	97,844	66,115
4 912,849	654,339	29,325	10,044	250,160	6,771	287,036	6,060	4,118	8,513	52,322	853,788	564,081
5 2,702,587	1,876,480	102,287	58,027	615,300	27,898	864,279	23,361	5,878	.....	179,450	2,007,516	1,115,339
6 147,934	162,884	4,625	.....	53,028	1,868	94,098	3,068	601	13	5,583	206,156	110,190
7 137,458	188,127	9,580	13,770	31,393	1,598	117,147	6,071	171	1,000	7,397	203,713	84,968
8 9,385,357	8,669,231	232,439	285,085	1,150,487	163,156	5,307,372	360	31,420	.....	998,903	9,792,625	3,822,007
9 573,007	1,069,347	62,842	63,314	102,334	7,403	583,408	6,381	2,280	300	241,085	1,154,532	563,721
10 4,107,664	7,502,291	213,784	234,482	1,923,198	28,548	4,698,577	18,652	10,763	27,947	346,340	8,041,623	3,314,498
11 68,550	82,970	1,728	1,770	22,690	1,630	51,290	700	937	.....	2,225	89,635	36,715
12 1,931,595	2,312,782	97,479	70,237	704,014	23,549	1,162,353	37,823	7,273	16,090	193,064	2,674,539	1,488,637
13 3,104,493	4,536,011	155,985	93,994	718,645	98,555	3,256,588	29,019	15,435	1,750	160,040	5,130,550	1,775,407
14 8,100,321	16,993,117	143,368	259,568	3,309,009	377,454	11,817,751	305,099	62,891	6,188	711,789	20,085,629	7,890,424
15 7,354,660	3,080,500	142,840	62,346	1,625,260	629,602	214,161	24,800	26,975	400	354,116	4,073,286	3,229,523
16 89,867	293,913	5,025	4,755	27,485	712	240,599	1,404	267	6,750	6,916	341,004	99,693
17 1,380,089	1,368,684	63,942	66,992	335,896	19,171	690,361	10,369	5,408	.....	176,545	1,563,951	854,419
18 255,690	737,788	4,010	4,300	41,675	17,003	652,721	2	1,548	29	16,509	793,423	123,699
19 1,506,252	2,410,528	110,493	38,497	912,986	35,801	1,147,132	37,257	4,365	3,170	120,827	2,749,628	1,566,095
20 2,764,544	3,091,797	77,504	40,838	546,114	32,457	2,175,632	23,831	9,950	50	3,604,098	1,456,009	
21 2,510,704	1,500,709	59,802	28,032	374,823	13,711	883,804	240	8,775	.....	131,522	1,945,217	1,047,702
22 55,431	46,714	.....	624	19,676	766	21,944	1,374	508	.....	1,822	67,175	44,465
23 2,973,362	2,573,416	57,394	25,110	1,018,617	43,058	1,236,706	44,966	16,778	3,321	127,471	3,260,456	1,970,697
24 5,452,208	9,818,839	253,589	354,435	4,174,744	206,791	4,426,743	.....	146,099	4,000	247,438	9,818,840	5,185,306
25 819,755	1,157,636	31,380	21,866	470,548	12,220	601,848	2,400	10,966	349	6,059	1,158,036	543,969
26 10,880,880	3,542,272	61,047	160,613	845,103	833,034	1,219,775	.....	15,329	.....	407,371	3,724,546	1,671,737
27 24,355,116	18,881,485	856,382	737,417	2,894,965	690,321	11,567,157	27,099	109,394	100,996	1,897,755	22,824,140	10,566,692
28 824,641	1,724,421	32,043	69,092	116,889	22,152	1,404,772	900	5,276	3,361	60,936	1,842,911	415,987
29 6,795,493	3,252,288	123,560	101,411	1,119,593	54,156	1,674,572	2,302	12,209	.....	104,485	3,847,786	2,119,058
30 5,313,927	9,272,563	197,807	237,483	2,935,304	62,255	5,014,118	89,198	19,567	376,700	340,131	9,864,646	4,788,273
31 2,881,952	4,928,496	152,414	173,527	1,354,098	30,155	2,825,134	61,356	5,895	8,230	317,087	5,927,091	3,071,802
32 515,082	485,861	16,282	40,039	122,096	5,146	259,459	8,523	2,479	.....	31,837	521,100	256,495
33 2,829,775	3,543,499	89,318	99,884	455,532	38,648	2,393,973	46,835	16,852	60	402,397	4,115,533	1,682,912
34 2,773,208	3,061,061	66,519	35,601	522,257	17,527	2,310,168	10,246	13,987	1,025	83,731	3,230,247	902,552
35 8,514,054	10,094,358	380,679	245,529	2,779,559	111,952	6,059,916	52,052	40,714	10,370	463,587	11,113,644	4,941,776
36 6,598,245	5,395,697	98,729	93,711	953,792	78,875	3,816,825	3,000	38,363	369	312,033	5,526,721	1,631,021
37 686,054	711,853	33,910	20,079	180,060	21,793	388,573	10,580	2,498	.....	54,360	791,172	380,806
38 1,857,156	2,831,729	104,860	129,676	627,627	7,910	1,297,428	24,814	5,136	.....	634,278	3,336,348	2,031,010
39 17,823,899	12,377,650	247,104	144,568	2,577,121	199,252	8,365,481	8,117	67,522	123,804	644,681	13,728,874	5,104,141
40 3,002,899	2,557,401	128,370	147,927	1,069,450	62,631	786,128	24,529	12,895	300	325,171	2,735,244	1,886,485
41 1,660,030	873,268	34,846	75,916	180,785	6,410	223,340	1,320	2,452	5,000	343,199	953,798	724,048
42 23,314,817	13,518,868	689,264	393,846	5,015,561	980,052	5,372,644	47,709	70,473	.....	999,319	15,795,788	9,443,092
43 30,228,611	25,551,858	833,767	1,400,610	5,614,592	374,659	14,050,866	68,204	88,812	78,224	3,042,124	28,305,377	13,939,852
44 148,821	111,410	4,000	10,009	49,292	4,398	31,350	5,532	1,169	.....	5,660	143,684	107,036
45 72,351	77,663	1,900	1,280	26,594	5,672	37,327	2,250	435	.....	2,205	133,504	90,505
46 1,580,683	1,620,629	55,530	111,787	454,548	32,698	795,276	22,831	3,441	353	144,165	1,841,107	1,013,133
47 7,398,293	6,973,589	126,056	129,020	541,188	94,821	5,590,366	2,175	22,933	.....	467,030	7,671,859	1,986,672
48 67,591	68,809	3,800	3,236	22,404	667	33,018	3,286	220	.....	2,178	87,739	54,054
49 321,495	295,679	12,496	8,910	82,796	1,777	173,987	1,150	1,944	600	12,019	380,037	204,273
50 3,227,345	4,963,061	22,618	35,291	225,041	29,640	4,531,842	26,904	15,821	.....	75,904	5,537,678	976,196
51 87,023,313	58,538,400	2,561,536	2,687,684	16,921,659	1,357,253	28,582,797	321,612	291,843	852,825	4,961,191	65,398,437	35,458,387
52 145,871	109,190	4,980	.....	23,282	425	65,200	5,309	715	.....	9,279	144,040	79,015
53 3,123,229	3,916,775	86,258	148,833	774,332	22,798	2,708,898	8,790	8,077	39,769	119,020	4,131,100	1,399,404
54 2,685,130	3,120,866	109,500	86,899	968,655	32,157	1,665,336	17,022	13,008	924	227,365	3,613,831	1,916,338
55 5,542,270	4,936,678	177,953	199,553	823,765	59,284	3,290,834	18,720	14,065	3,077	349,427	5,770,983	2,420,805
56 15,666,761	9,092,466	182,279	447,263	853,129	1,830,013	1,024,721	3,930,581	386,965	485	437,030	9,836,806	6,982,072
57 7,415,413	6,500,780	230,145	286,597	3,340,284	527,853	1,470,744	550	41,736	.....	602,871	6,961,088	4,962,491
58 61,472	1,200,390	.....	3,300	56,561	498	58,770	2,280	188	.....	1,823	135,732	76,524
59 78,295	244,581	3,560	1,000	67,358	1,494	165,073	844	498	.....	4,754	279,172	112,605
60 1,033,632	4,110,447	37,856	25,002	85,942	28,578	3,882,725	1,473	3,574	246	45,051	4,436,130	524,836
61 6,370	5,922	.....	.....	2,500	92	2,052	876	27	.....	375	8,550	6,406
62 224,732	330,750	.....	36,166	86,022	1,702	171,674	1,440	770	.....	32,976	304,786	191,410
63 5,335,313	8,184,099	275,836	202,093	2,969,230	149,633	3,961,935	26,086	20,736	108,469	470,081	8,825,217	4,713,649
64 3,439,294	3,048,159	138,865	70,741	903,311	39,254	1,736,624	13,743	8,232	.....	81,731	3,810,241	1,984,363
65 3,647,701	1,009,602	73,953	24,066	317,015	264,731	121,345	3,484	23,074	3,469	172,865	1,496,555	1,110,479

\* Same number reported for one or more other months.

\* Same number reported throughout the year.

TABLE II.—DETAIL STATEMENT FOR THE

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, supts. and managers.	Clerks.		Average number.	Wage earners.				Total.	16 and over.		Under 16.		
					Male.	Female.		Number.		Male.	Female.		Male.	Female.			
								Maximum month.	Minimum month.								
1 Iron and steel, steel works and rolling mills.	16	5,228	.....	102	401	54	4,671	De	5,773	My	4,236	5,785	5,749	31	5	.....	29,699
2 Jewelry.....	150	4,945	168	220	354	195	4,008	Oc	4,314	Jy	3,807	4,172	3,022	977	93	80	1,231
3 Kaolin and ground earths.....	12	251	5	17	13	4	212	No	226	Au	200	216	216	.....	.....	.....	1,835
4 Lapidary work.....	3	14	3	.....	.....	.....	.....	Oc <sup>1</sup>	11	Ja <sup>1</sup>	10	11	9	2	.....	.....	10
5 Leather goods.....	99	2,133	96	63	124	37	1,813	No	1,905	Jy	1,731	1,841	1,371	409	36	25	990
6 Leather, tanned, curried, and finished.	86	6,040	71	163	203	43	5,560	De	5,990	Jy	5,303	6,000	5,836	61	103	.....	9,243
7 Lime.....	19	241	21	7	2	.....	211	Au	251	Ja	170	196	195	.....	.....	.....	342
8 Liquors, distilled.....	29	65	30	3	.....	.....	32	Oc	67	Ja	15	64	62	.....	.....	.....	540
9 Liquors, malt.....	33	2,634	3	132	369	5	2,125	Jy	2,210	Ja	2,034	2,124	2,112	1	11	.....	14,082
10 Liquors, vinous.....	6	47	1	12	4	1	29	Se	55	Fe	22	30	25	5	.....	.....	109
11 Lumber and timber products.....	416	5,745	438	192	204	54	4,857	De	5,212	Ja	4,658	5,383	5,288	65	27	3	15,760
12 Marble and stone work.....	131	1,752	143	64	55	11	1,479	No	1,547	Ap	1,414	1,497	1,496	.....	.....	.....	2,756
13 Matches.....	3	115	5	3	4	.....	103	No	125	Au	57	119	61	58	.....	.....	290
14 Mattresses and spring beds.....	23	600	26	18	45	15	496	Oc	520	Ja	453	493	428	62	3	.....	288
15 Millinery and lace goods.....	179	4,589	198	72	151	48	4,120	Oc	4,285	Je	3,971	4,342	3,243	905	35	159	1,380
16 Mirrors.....	6	187	5	10	12	2	158	Se	171	Fe	141	165	139	19	4	3	153
17 Models and patterns, not including paper patterns.	36	304	49	1	1	2	251	Jy	280	Au	191	270	267	1	2	.....	341
18 Musical instruments and materials, not specified.	7	435	5	13	18	14	385	De	442	Fe	350	442	341	92	5	4	335
19 Musical instruments, pianos and organs and materials.	18	1,500	6	28	33	40	1,393	Mh	1,436	Au	1,325	1,468	1,253	204	2	9	1,121
20 Needles, pins, and hooks and eyes....	7	586	1	15	9	4	557	Ap	581	Ja	539	582	232	220	113	17	524
21 Oil, not elsewhere specified.....	23	765	3	63	224	56	419	Oc	463	Au	362	440	404	35	1	.....	1,824
22 Oilcloth and linoleum.....	10	2,264	6	32	73	30	2,123	Oc	2,220	Ap	2,035	2,294	2,247	16	31	.....	7,819
23 Optical goods.....	10	75	9	4	1	5	56	Je	59	Ap <sup>1</sup>	55	57	33	20	4	.....	51
24 Paint and varnish.....	63	2,143	41	128	397	84	1,493	Ap	1,535	Jy	1,434	1,407	1,353	112	2	.....	5,924
25 Paper and wood pulp.....	37	2,445	11	81	89	41	2,223	No	2,344	Ja	2,100	2,348	2,148	168	14	18	22,996
26 Paper goods, not elsewhere specified..	19	659	7	34	30	25	563	No	642	My	507	654	478	163	3	10	2,132
27 Patent medicines and compounds and druggists' preparations.	111	1,424	77	81	184	77	1,005	Mh	1,077	Se	940	1,074	552	486	21	15	1,478
28 Photographic apparatus and materials.	10	73	4	8	3	3	55	My <sup>1</sup>	52	De	53	55	42	13	.....	.....	70
29 Photo-engraving.....	3	33	2	3	3	.....	28	Se <sup>1</sup>	38	Ja <sup>1</sup>	25	30	26	3	1	.....	14
30 Pottery, terra-cotta, and fire-clay products.	88	10,542	38	245	347	97	9,815	No	10,507	Ja	8,840	10,486	9,192	1,184	75	35	11,817
31 Printing and publishing.....	684	7,364	647	301	745	220	5,451	No	5,732	Fe	5,245	5,789	4,717	954	103	15	5,636
32 Rubber goods, not elsewhere specified.	36	4,860	7	115	362	121	4,255	Ja	4,458	Ja	4,151	4,477	3,846	554	51	26	12,906
33 Scales and balances.....	11	234	7	14	38	5	170	Mh	194	Fe	158	173	168	3	2	.....	144
34 Shipbuilding, including boat building.	97	5,533	97	190	368	9	4,869	Ap	5,223	Fe	4,431	4,881	4,879	3	.....	.....	9,904
35 Signs and advertising novelties.....	17	1,327	8	40	134	101	1,044	No	1,123	Fe	952	1,120	715	380	10	15	588
36 Silk and silk goods, including throwsters.	348	32,365	306	518	1,032	224	30,285	Mh	30,951	Jy	29,726	31,342	13,628	16,585	398	731	22,376
37 Silverware and plated ware.....	26	1,564	21	63	97	87	1,296	No	1,411	Jy	1,154	1,372	1,062	273	24	13	1,211
38 Slaughtering and meat packing.....	84	2,420	93	81	366	63	1,817	Ja	2,056	Au	1,617	1,820	1,742	76	2	.....	3,610
39 Smelting and refining, copper.....	4	2,564	.....	60	177	5	2,322	De	2,505	Au	1,808	2,505	2,505	.....	.....	.....	22,320
40 Smelting and refining, not from the ore.	14	1,194	10	18	101	8	1,057	No	1,220	Au	777	1,193	1,193	.....	.....	.....	5,931
41 Soap.....	21	2,301	10	57	409	226	1,599	No	1,724	Ja	1,387	1,708	1,134	532	34	8	2,761
42 Steam packing.....	11	140	2	25	14	11	88	Mh	97	Se	76	112	94	18	.....	.....	287
43 Stereotyping and electrotyping.....	4	38	4	1	1	1	31	Jy <sup>1</sup>	32	Ja <sup>1</sup>	28	32	31	1	.....	.....	46
44 Stoves and furnaces, including gas and oil stoves.	8	893	2	28	155	12	696	Mh	778	Ja	334	702	701	1	.....	.....	1,146
45 Sulphuric, nitric, and mixed acids....	6	494	.....	19	33	8	434	No	475	Fe	395	452	452	.....	.....	.....	1,575
46 Surgical appliances and artificial limbs.	11	1,784	9	18	251	94	1,412	De	1,523	Ja	1,269	1,523	583	929	5	6	3,188
47 Tobacco manufactures.....	462	10,610	482	220	337	105	9,466	De	10,248	Ja	9,034	10,257	2,538	7,201	81	437	3,302
48 Typewriters and supplies.....	8	363	.....	21	57	13	272	No	318	Fe	233	315	287	28	.....	.....	512
49 Wall paper.....	8	894	6	24	56	26	782	De	935	Se	658	935	800	121	14	.....	1,442
50 Wall plaster.....	5	203	2	12	11	.....	178	Se	211	Fe	137	200	200	.....	.....	.....	977
51 Wire.....	7	6,255	49	462	98	5,646	De	6,077	Mh	5,392	6,077	5,581	467	29	.....	.....	17,436
52 Woolen, worsted, and felt goods, and wool hats.	33	13,119	28	96	324	19	12,652	De	13,712	Ja	11,816	13,716	6,110	6,984	326	296	20,284
53 All other industries <sup>2</sup> .....	859	43,855	749	1,101	2,909	797	38,299	.....	.....	.....	.....	.....	.....	.....	.....	.....	101,150

<sup>1</sup> Same number reported for one or more other months.

<sup>2</sup> All other industries embrace—

Artists' materials.....	6	China decorating.....	7	Furs, dressed.....	4
Awnings, tents, and sails.....	25	Clothing, men's, buttonholes.....	2	Galvanizing.....	3
Axle grease.....	2	Coffee and spice, roasting and grinding.....	16	Glass, cutting, staining, and ornamenting.....	42
Babbitt metal and solder.....	4	Coke.....	1	Glucose and starch.....	2
Bags, other than paper.....	3	Cordials and sirups.....	5	Glue.....	1
Baking powders and yeast.....	2	Crucibles.....	2	Graphite and graphite refining.....	2
Bicycles, motorcycles, and parts.....	2	Dentists' materials.....	3	Grease and tallow.....	44
Billiard tables and materials.....	2	Drug grinding.....	3	Hair work.....	3
Bluing.....	3	Dyestuffs and extracts.....	13	Hat and cap materials.....	14
Bone, carbon, and lamp black.....	1	Emery and other abrasive wheels.....	4	Hats, straw.....	2
Boots and shoes, rubber.....	2	Engravers' materials.....	1	Hones and whetstones.....	2
Candles.....	2	Engraving and diesinking.....	15	Horseshoes, not made in steel works or rolling mills.....	1
Card cutting and designing.....	9	Engraving, wood.....	1	House-furnishing goods, not elsewhere specified.....	7
Carriages and sleds, children's.....	5	Explosives.....	2	Ink, printing.....	6
Cars, steam-railroad, not including operations of railroad companies.....	3	Files.....	7	Ink, writing.....	3
Cars, street-railroad, not including operations of railroad companies.....	1	Firearms and ammunition.....	1	Instruments, professional and scientific.....	17
Cash registers and calculating machines.....	2	Flavoring extracts.....	11	Iron and steel, blast furnaces.....	4
Charcoal.....	2	Food preparations.....	3	Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.....	4
		Foundry supplies.....	47	Iron and steel, doors and shutters.....	1
		Fuel, manufactured.....	1		

STATISTICS OF MANUFACTURES.

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STATE, BY INDUSTRIES: 1909—Continued.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.
	Total.	Services.			Materials.		Miscellaneous.					
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.		
1 \$28,212,208	\$11,042,405	\$297,031	\$385,010	\$2,323,436	\$837,030	\$5,798,010	\$8,385	\$54,357	\$7,671	\$831,475	\$12,013,719	\$5,378,679
2 11,987,812	11,159,770	675,094	581,319	2,536,937	35,660	6,258,738	128,567	25,063	14,869	903,523	13,272,004	6,977,606
3 1,183,567	668,564	46,920	16,410	121,543	46,270	308,393	3,414	5,435		60,179	784,833	370,170
4 10,000	8,448		520	6,492	150	200	742	158			15,000	14,650
5 2,755,070	3,765,738	164,818	167,677	919,929	19,906	2,120,497	50,944	11,952	1,953	308,062	4,004,739	1,864,336
6 18,847,079	25,477,049	516,522	255,849	3,473,174	293,894	19,904,576	54,090	64,098	27,228	887,618	23,430,955	8,232,485
7 1,002,826	184,419	12,250	1,500	77,932	35,258	34,677	497	1,522	60	17,723	181,222	128,422
8 207,863	177,983	6,500		18,116	4,191	36,399	3,814	51,045	75	7,903	213,085	122,555
9 40,834,894	16,257,738	648,376	553,987	1,836,218	362,612	4,518,775	84	3,297,412	36,447	5,003,827	20,183,680	15,302,293
10 4,594,854	108,309	12,707	4,719	10,368	824	58,977	1,500	1,373		17,841	168,771	108,970
11 9,562,967	11,672,195	281,670	187,039	2,631,468	89,654	7,920,301	52,363	52,937	59,758	397,005	13,511,162	5,501,207
12 3,117,236	3,195,771	135,008	61,468	1,328,627	85,790	1,342,949	14,192	12,752	84,463	181,122	3,901,393	2,523,254
13 222,644	187,905	7,400	3,350	46,038	3,059	34,450	3,500	1,690		11,100	215,890	101,063
14 810,647	1,200,972	52,300	40,610	235,681	5,639	802,032	9,600	2,446		52,574	1,322,800	515,129
15 4,594,854	5,735,199	136,460	184,793	1,687,551	63,520	3,121,465	52,161	15,337	226,440	265,472	6,895,339	3,710,354
16 520,285	422,701	25,440	13,370	85,133	6,826	277,192	5,320	796		8,624	460,968	166,950
17 316,792	346,859	1,250	958	227,500	7,371	84,834	6,828	1,252	2,200	14,606	444,702	352,497
18 1,032,920	500,888	40,962	13,005	180,502	5,114	202,957	456	3,807	78	54,207	635,209	427,138
19 2,019,925	2,141,436	65,962	62,605	720,594	24,766	1,051,307	26,700	7,647	24,994	156,911	2,229,145	1,153,072
20 704,823	497,486	30,751	6,002	230,175	15,288	168,469	1,090	3,765	3,659	37,717	620,095	436,368
21 4,762,137	7,439,549	229,160	245,331	250,253	54,571	6,141,816	15,435	12,979	500	489,504	7,851,465	1,655,078
22 8,109,744	8,839,919	96,003	97,334	1,187,248	237,217	6,400,777	6,207	32,050	4,207	784,483	10,142,596	3,504,002
23 84,372	87,738	7,290	3,674	26,278	849	34,450	8,219	113		8,817	114,784	79,485
24 11,372,234	11,091,618	460,456	640,036	843,924	193,829	8,032,144	36,019	49,499	9,300	826,411	12,766,929	4,540,950
25 10,741,820	7,024,916	315,768	140,006	1,181,485	597,233	4,171,518	15,900	35,585		567,421	7,554,428	2,785,077
26 2,231,611	2,416,916	52,580	55,717	276,320	34,567	1,662,118	31,473	36,681		267,460	2,639,947	943,262
27 3,743,161	4,516,683	256,884	230,664	432,405	55,643	2,033,833	31,110	17,200	1,723	1,457,221	5,410,127	3,320,651
28 145,420	112,761	16,706	3,504	32,843	2,405	41,033	2,245	1,155	250	12,620	116,803	73,365
29 29,845	39,086		1,491	16,482	745	13,261	1,910			5,197	46,900	32,894
30 22,348,615	11,349,670	627,917	407,646	5,661,153	1,171,826	2,379,342	14,972	70,337	17,385	993,092	13,139,000	9,587,832
31 13,816,049	9,775,922	591,034	718,342	3,624,266	153,202	3,318,940	215,244	49,869	198,868	906,148	12,332,700	8,860,549
32 15,765,767	17,197,201	338,971	338,070	2,300,053	332,950	12,690,438	38,050	42,092		1,011,977	19,543,489	6,511,101
33 637,032	369,753	42,413	39,322	99,581	6,214	92,926	5,336	1,632	318	91,791	429,632	330,792
34 19,175,516	8,607,459	247,907	355,316	3,299,635	125,026	4,124,250	32,029	38,845	54,462	309,989	8,840,515	4,691,239
35 1,451,379	1,937,607	129,332	190,526	574,412	20,185	587,538	14,255	5,472		111,468	2,089,935	1,482,162
36 43,615,438	59,576,339	1,201,586	1,115,270	13,917,360	537,514	32,727,663	532,230	145,655	5,503,935	3,895,126	65,429,550	32,164,373
37 2,741,424	2,487,088	135,275	135,092	828,688	15,100	1,118,096	60,159	5,272	950	188,456	3,034,543	1,901,347
38 8,181,551	36,575,130	205,873	426,761	1,286,310	166,444	33,573,140	88,851	47,405	68,589	711,750	37,583,395	3,843,811
39 29,078,109	121,338,717	215,546	150,619	1,334,783	794,454	118,141,828		57,015		644,472	125,651,087	6,714,805
40 6,680,662	8,445,501	72,743	115,388	606,031	381,649	6,845,557	2,148	29,893		392,092	9,598,023	2,370,317
41 8,306,346	11,796,074	342,131	538,739	796,156	110,328	6,973,838	4,210	38,504		2,992,168	13,673,942	6,589,776
42 323,695	349,207	37,169	24,345	46,906	7,784	157,632	5,570	1,375		68,426	238,047	238,047
43 40,567	51,726	5,000	884	28,244	2,024	15,600	2,108	45		821	53,731	39,107
44 1,838,083	1,566,801	70,651	181,933	606,525	24,450	549,815	1,682	7,732	29,287	94,726	1,687,834	1,113,569
45 3,450,357	1,631,720	62,460	42,682	281,437	103,622	958,602		17,045		165,872	2,127,637	1,065,413
46 3,902,082	2,774,986	104,954	350,267	542,021	46,904	1,201,815	2,568	9,435		517,022	2,990,835	1,742,116
47 21,164,367	20,894,113	407,089	422,261	3,156,181	103,278	10,692,996	100,134	3,099,298	21,279	2,291,597	24,177,343	13,381,069
48 958,706	651,999	52,879	36,749	201,666	8,219	269,526	7,760	2,616		72,584	740,117	462,372
49 3,326,315	2,563,474	73,944	79,286	368,532	28,104	1,471,473	10,417	9,278		522,440	2,872,424	1,372,847
50 654,389	502,485	32,728	9,408	109,449	10,673	321,494	725	5,949		12,059	612,928	280,761
51 21,828,514	27,352,436	143,741	474,838	2,766,951	424,705	21,873,032	20,629,562	36,669		1,627,500	28,858,428	6,500,691
52 36,390,714	28,095,452	447,612	437,315	4,964,299	403,817		7,715	98,267	41,626	1,065,739	33,938,637	12,905,758
53 185,957,269	209,686,724	3,299,313	3,543,491	21,351,508	6,397,129	161,697,569	444,489	737,187	86,496	12,129,542	229,784,039	61,689,341

\* All other industries embrace—Continued.

Iron and steel forgings.....	9	Paper patterns.....	2	Springs, steel, car and carriage.....	5
Iron and steel pipe, wrought.....	2	Paving materials.....	2	Stationery goods, not elsewhere specified.....	5
Jewelry and instrument cases.....	15	Pencils, lead.....	4	Statuary and art goods.....	11
Labels and tags.....	1	Pens, fountain, stylographic, and gold.....	2	Sugar refining, not including beet sugar.....	2
Lard, refined, not made in slaughtering and meat-packing establishments.....	1	Pens, steel.....	2	Toys and games.....	15
Lasts.....	4	Petroleum, refining.....	6	Type founding and printing materials.....	4
Lead, bar, pipe, and sheet.....	2	Phonographs and graphophones.....	6	Umbrellas and canes.....	4
Locomotives, not made by railroad companies.....	2	Pipes, tobacco.....	6	Upholstering materials.....	12
Looking-glass and picture frames.....	11	Pulp goods.....	1	Vault lights and ventilators.....	1
Malt.....	1	Pumps, not including steam pumps.....	1	Vinegar and cider.....	34
Mats and matting.....	1	Roofing materials.....	13	Waste.....	2
Mineral and soda waters.....	174	Safes and vaults.....	2	Wheelbarrows.....	1
Moving pictures.....	2	Saws.....	4	Window shades and fixtures.....	14
Mucilage and paste.....	2	Screws, machine.....	2	Wine, including wire rope and cable.....	25
Oakum.....	1	Sewing machines, cases, and attachments.....	3	Wood distillation, not including turpentine and rosin.....	1
Oil, castor.....	1	Shoddy.....	5	Wood preserving.....	3
Oil, cottonseed, and cake.....	1	Smelting and refining, lead.....	1	Wood, turned and carved.....	28
Oil, essential.....	2	Smelting and refining, zinc.....	1	Wool pulling.....	1
Oleomargarine.....	1	Soda-water apparatus.....	4	Wool scouring.....	1
		Sporting and athletic goods.....	6		

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES,

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

BAYONNE.

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.									WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			Total.	16 and over.		Under 16.			
					Male.	Female.	Total.	16 and over.			Under 16.	Male.	Female.	Male.		Female.
								Male.	Female.							
1 All industries.....	97	8,790	84	208	853	126	7,519	6,624	718	177	8,414	7,419	799	95	101	28,094
2 Bread and other bakery products.....	17	106	18	.....	2	11	75	74	.....	1	81	80	.....	1	.....	29
3 Foundry and machine-shop products.....	7	1,234	10	15	284	9	916	916	.....	.....	1,090	1,090	.....	.....	.....	1,722
4 All other industries.....	73	7,450	56	193	567	106	6,528	5,634	718	176	7,243	6,249	799	94	101	26,343

<sup>1</sup> All other industries embrace: Automobiles, including bodies and parts, 1; brass and bronze products, 1; canning and preserving, 1; carriages and wagons and materials, 1; cars and general shop construction and repairs by steam-railroad companies, 1; chemicals, 2; clothing, men's, including shirts, 4; clothing, women's, 3; cooperage and wooden goods, not elsewhere specified, 3; copper, tin, and sheet-iron products, 3; cutlery and tools, not elsewhere specified, 2; dyeing and finishing textiles, 1; electrical machinery, apparatus, and supplies, 2; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; furnishing goods, men's, 2; furniture and refrigerators, 1; gas and electric fixtures and lamps and reflectors, 2; hats and caps, other than felt, straw, and wool, 2; instruments, professional and scientific, 1; iron and steel, bolts,

CAMDEN.

1 All industries.....	365	18,709	315	456	1,107	304	16,527	12,923	3,142	462	17,643	13,788	3,375	224	256	29,056
2 Boots and shoes, including out stock and findings.....	10	456	13	12	9	.....	422	225	185	12	442	236	194	7	5	99
3 Bread and other bakery products.....	60	339	61	.....	5	1	272	228	37	7	281	236	38	7	.....	94
4 Foundry and machine-shop products.....	25	1,799	17	40	163	50	1,529	1,508	6	15	1,644	1,621	6	17	.....	1,408
5 Leather, tanned, curried, and finished.....	7	1,171	.....	20	36	4	1,111	1,093	.....	18	1,111	1,093	.....	18	.....	1,320
6 Lumber and timber products.....	4	150	2	11	8	1	128	128	.....	.....	132	132	.....	.....	.....	411
7 Printing and publishing.....	35	266	32	13	17	13	191	167	16	8	193	169	16	8	.....	139
8 Shipbuilding, including boat building.....	15	3,682	12	52	292	2	3,324	3,323	1	.....	3,457	3,456	1	.....	.....	6,098
9 Slaughtering and meat packing.....	6	52	10	.....	.....	.....	42	37	.....	4	47	42	4	1	.....	51
10 Soap.....	5	260	.....	13	40	19	188	121	65	2	184	118	64	2	.....	270
11 Tobacco manufactures.....	25	582	24	16	7	3	532	63	414	55	604	71	471	3	59	293
12 Woolen, worsted, and felt goods, and wool hats.....	4	1,179	9	9	10	2	1,149	324	642	183	1,108	313	619	111	65	2,900
13 All other industries.....	169	8,773	135	270	520	209	7,639	5,706	1,772	161	8,440	6,301	1,962	50	127	15,973

<sup>1</sup> All other industries embrace: Artificial stone, 2; automobiles, including bodies and parts, 1; awnings, tents, and sails, 1; bicycles, motorcycles, and parts, 1; blacking and cleansing and polishing preparations, 2; bluing, 1; bone, carbon, and lamp black, 1; boxes, fancy and paper, 2; brass and bronze products, 2; brick and tile, 1; buttons, 1; candles, 1; carpets, rag, 2; carriages and sleds, children's, 1; carriages and wagons and materials, 5; cars and general shop construction and repairs by steam-railroad companies, 2; cars and general shop construction and repairs by street-railroad companies, 1; chemicals, 4; clothing, men's, including shirts, 2; clothing, women's, 4; coffee and spice, roasting and grinding, 3; coke, 1; confectionery, 8; cooperage and wooden goods, not elsewhere specified, 2; copper, tin, and sheet-iron products, 10; cork, cutting, 1; cotton goods, including cotton small wares, 1; drug grinding, 1; dyeing and finishing textiles, 1; dyestuffs and extracts, 1; electrical machinery, apparatus, and supplies, 3; electroplating, 1; emery and other abrasive wheels, 1; fertilizers, 2; flour-mill and gristmill products, 2; food preparations, 3; furniture and refrigerators, 2; gas and electric fixtures and lamps and reflectors, 1; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 3; glucose and starch, 1; hair work, 1; hat and cap materials, 1;

ELIZABETH.

1 All industries.....	163	13,670	132	221	472	108	12,737	11,291	1,408	38	13,260	11,757	1,466	9	28	20,124
2 Bread and other bakery products.....	31	142	31	.....	.....	.....	111	100	9	2	113	102	9	1	1	38
3 Foundry and machine-shop products.....	18	1,095	13	34	114	18	916	916	.....	.....	1,028	1,028	.....	.....	.....	1,571
4 Leather, tanned, curried, and finished.....	3	207	6	4	1	3	193	176	17	.....	198	181	17	.....	.....	225
5 Oil, not elsewhere specified.....	5	76	1	15	16	1	43	43	.....	.....	54	54	.....	.....	.....	425
6 Printing and publishing.....	9	548	7	7	46	9	479	380	96	3	555	440	111	4	.....	661
7 All other industries.....	97	11,602	74	161	295	77	10,995	9,676	1,286	33	11,312	9,952	1,329	4	27	17,204

<sup>1</sup> All other industries embrace: Artificial stone, 1; artists' materials, 1; automobiles, including bodies and parts, 1; awnings, tents, and sails, 1; carpets, rag, 1; carriages and wagons and materials, 14; cars and general shop construction and repairs by steam-railroad companies, 1; chemicals, 5; clothing, men's, including shirts, 3; cooperage and wooden goods, not elsewhere specified, 1; copper, tin, and sheet-iron products, 1; cutlery and tools, not elsewhere specified, 2; dairymen's, poultryers', and apiarists' supplies, 1; electrical machinery, apparatus, and supplies, 1; fertilizers, 1; files, 1; flavoring extracts, 1; food preparations, 2; foundry supplies, 1; gas and electric fixtures and lamps and reflectors, 1; gas, illuminating and heating, 1; hosiery and knit goods, 1; ice, manufactured, 2; kaolin and ground earths, 2; lead, bar, pipe, and sheet, 1;

HOBOKEN.

1 All industries.....	244	9,339	206	300	609	124	8,100	5,919	1,938	243	8,423	6,199	1,978	108	138	11,108
2 Bread and other bakery products.....	36	492	36	7	20	8	421	411	8	2	415	405	8	2	.....	255
3 Copper, tin, and sheet-iron products.....	7	132	4	10	7	3	108	107	1	.....	131	130	1	.....	.....	80
4 Foundry and machine-shop products.....	23	957	9	43	46	4	855	854	1	.....	977	976	1	.....	.....	1,101
5 Furniture and refrigerators.....	5	676	4	11	33	12	616	595	19	2	655	633	20	2	.....	625
6 Leather goods.....	3	274	1	10	17	3	243	92	118	33	244	93	118	10	23	180
7 Lumber and timber products.....	7	150	6	8	5	3	128	128	.....	.....	134	134	.....	.....	.....	293
8 Printing and publishing.....	17	344	17	9	72	12	234	203	30	1	223	194	28	1	.....	235
9 Silk and silk goods, including throwsters.....	4	339	1	8	9	3	318	117	187	14	296	109	174	.....	13	133
10 All other industries.....	142	5,975	128	194	400	70	5,177	3,412	1,574	191	5,348	3,525	1,628	93	102	8,186

<sup>1</sup> All other industries embrace: Artists' materials, 1; automobiles, including bodies and parts, 2; awnings, tents, and sails, 3; baking powders and yeast, 1; baskets and rattan and willow ware, 1; blacking and cleansing and polishing preparations, 2; boxes, fancy and paper, 2; brass and bronze products, 5; buttons, 1; canning and preserving, 1; card cutting and designing, 1; carriages and wagons and materials, 5; cars and general shop construction and repairs by street-railroad companies, 1; clothing, men's, including shirts, 2; clothing, women's, 9; coffins, burial cases, and undertakers' goods, 1; confectionery, 2; cooperage and wooden goods, not elsewhere specified, 3; cork, cutting, 1; cutlery and tools, not elsewhere specified, 1; dyeing and finishing textiles, 4; electrical machinery, apparatus, and supplies, 2; fancy articles, not elsewhere specified, 3; flags, banners, regalia, society badges, and emblems, 1; food preparations, 2; gas and electric fixtures and lamps and reflectors, 1; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 1; hats, fur-felt, 2; hats, straw, 1; ice, manufactured, 1; ink, printing, 1; instruments, professional and scientific, 1;

# STATISTICS OF MANUFACTURES.

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AND TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909.

## CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

### BAYONNE.

	Capital.	EXPENSES.										Value of products.	Value added by manufacture.
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.		
1	\$62,280,685	\$69,354,728	\$698,827	\$1,063,354	\$4,775,257	\$1,847,597	\$57,084,944	\$39,759	\$350,815	\$503,400	\$2,990,775	\$73,640,900	\$14,708,359
2	159,100	282,605		4,796	57,919	6,730	200,006	2,657	1,362		9,135	339,660	132,924
3	10,648,619	3,506,380	82,356	369,325	635,665	82,094	1,559,596	6,447	21,392	472,220	277,285	4,155,110	2,513,420
4	51,472,966	65,565,743	616,471	689,233	4,081,673	1,758,773	55,325,342	30,655	328,061	31,180	2,704,355	69,146,130	12,062,015

nuts, washers, and rivets, not made in steel works or rolling mills, 1; kaolin and ground earths, 1; lumber and timber products, 4; mattresses and spring beds, 1; millinery and lace goods, 1; mineral and soda waters, 3; models and patterns, not including paper patterns, 1; oil, essential, 1; oil, not elsewhere specified, 1; paint and varnish, 1; patent medicines and compounds and druggists' preparations, 1; petroleum, refining, 3; printing and publishing, 5; shipbuilding, including boat building, 3; silk and silk goods, including throwsters, 1; smelting and refining, not from the ore, 1; soap, 1; steam packing, 1; sulphuric, nitric, and mixed acids, 2; tobacco manufactures, 4; upholstering materials, 1.

### CAMDEN.

1	\$49,158,308	\$42,679,240	\$1,237,179	\$1,169,309	\$8,606,648	\$1,680,226	\$25,703,574	\$269,414	\$224,630	\$138,187	\$3,650,073	\$49,137,874	\$21,754,074
2	382,120	747,963	13,440	8,984	214,721	3,409	493,569	1,120	841	4,043	7,836	844,821	347,843
3	398,296	645,610		3,560	154,094	15,708	436,816	7,808	2,543	2,228	22,853	762,271	309,747
4	4,538,084	3,873,361	80,923	101,424	909,724	87,079	2,319,424	11,207	11,609	6,166	285,805	3,948,106	1,541,003
5	3,461,007	5,330,735	93,723	35,251	612,169	39,974	4,229,682	1,824	5,193		312,919	5,920,238	1,650,882
6	177,022	342,577	10,058	7,267	79,279	529	235,621	6,503	1,000		2,320	362,493	126,343
7	356,506	270,063	20,330	17,152	104,876	5,423	84,290	7,725	934	10,060	19,273	349,877	260,164
8	14,123,528	5,713,324	153,707	287,501	2,046,874	91,547	3,008,529	3,945	8,349		112,812	5,625,597	2,525,521
9	147,268	729,582		32,280			692,098		1,141		2,719	763,409	69,967
10	951,192	1,096,767	75,817	69,688	79,439	12,767	709,932	100	5,206		143,818	1,264,579	541,880
11	270,008	549,331	21,132	6,985	135,194	1,465	256,947	5,152	60,161		62,295	600,091	402,279
12	3,247,965	3,262,617	49,900	13,099	384,690	31,523	2,672,121	375	7,044	27,666	106,199	3,608,131	904,487
13	21,105,312	20,117,310	718,089	558,398	3,883,308	1,389,458	10,564,545	223,655	120,609	88,024	2,571,224	25,027,661	13,073,658

hosiery and knit goods, 1; house-furnishing goods, not elsewhere specified, 1; ice, manufactured, 3; instruments, professional and scientific, 1; iron and steel forgings, 2; kaolin and ground earths, 1; leather goods, 2; lime, 1; liquors, malt, 2; marble and stone work, 3; millinery and lace goods, 5; mineral and soda waters, 12; models and patterns, not including paper patterns, 3; musical instruments and materials, not specified, 2; oilcloth and linoleum, 2; paint and varnish, 6; paper and wood pulp, 1; paper goods, not elsewhere specified, 5; patent medicines and compounds and druggists' preparations, 6; pens, steel, 2; phonographs and graphophones, 1; photo-engraving, 1; pipes, tobacco, 1; pottery, terra-cotta, and fire-clay products, 1; roofing materials, 1; scales and balances, 1; sewing machines, cases, and attachments, 1; show cases, 1; silk and silk goods, including throwsters, 2; smelting and refining, not from the ore, 1; steam packing, 2; stereotyping and electrotyping, 1; surgical appliances and artificial limbs, 1; toys and games, 1; umbrellas and canes, 1; window shades and fixtures, 1; wool scouring, 1.

### ELIZABETH.

1	\$26,773,807	\$26,560,257	\$522,081	\$530,263	\$7,512,717	\$491,085	\$15,937,484	\$74,252	\$371,543	\$11,049	\$1,109,783	\$29,147,334	\$12,718,765
2	194,136	262,641			69,138	9,154	173,276	4,522	1,652	114	4,785	347,115	164,685
3	2,496,096	2,017,912	85,140	129,547	603,933	32,256	963,578	13,214	14,907		175,337	1,877,113	881,279
4	741,822	828,351	9,360	2,548	84,860	8,419	704,415	2,750	1,172		14,827	991,312	278,478
5	552,755	948,539	39,988	12,924	29,416	7,637	789,080	5,400	1,402	500	62,192	1,004,767	208,050
6	2,305,975	757,980	16,200	59,583	406,238	9,726	155,814	14,125	2,673	2,596	91,025	806,725	701,185
7	20,483,023	21,744,834	371,393	325,661	6,319,132	423,893	13,151,321	34,241	349,737	7,839	761,617	24,060,302	10,485,088

leather goods, 3; liquors, malt, 2; lumber and timber products, 4; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda waters, 3; models and patterns, not including paper patterns, 2; patent medicines and compounds and druggists' preparations, 2; pottery, terra-cotta, and fire-clay products, 1; rubber goods, not elsewhere specified, 1; sewing machines, cases, and attachments, 1; shipbuilding, including boat building, 1; show cases, 1; silverware and plated ware, 1; slaughtering and meat packing, 1; stationery goods, not elsewhere specified, 1; sulphuric, nitric, and mixed acids, 1; tobacco manufactures, 17; toys and games, 1; umbrellas and canes, 1; upholstering materials, 1; wire, 1.

### HOBOKEN.

1	\$19,898,095	\$17,735,572	\$674,816	\$690,168	\$4,552,912	\$397,609	\$9,071,499	\$543,065	\$105,342	\$265,749	\$1,434,412	\$20,413,015	\$10,943,907
2	419,745	1,282,830	7,300	15,888	321,351	21,234	851,316	19,915	3,445		42,381	1,410,102	537,552
3	113,711	266,796	17,280	6,302	105,420	3,429	122,156	5,080	295	700	6,134	301,036	175,451
4	1,843,080	1,597,387	110,236	43,096	557,813	27,784	554,250	39,085	16,672	147,100	101,351	1,807,519	1,225,485
5	1,064,378	1,110,409	39,600	46,033	333,691	7,672	549,488	4,500	4,936		124,489	1,314,102	756,942
6	216,410	517,644	37,760	34,813	112,303	2,336	302,068	1,200	1,491		25,673	506,700	202,266
7	241,887	397,401	11,084	5,208	99,985	4,285	222,418	5,400	1,170	5,717	42,134	441,656	214,953
8	440,137	501,543	27,840	80,056	165,274	6,070	179,846	6,909	1,387	3,350	30,811	577,070	391,154
9	470,994	629,440	18,660	8,950	143,121	6,248	391,089	9,756	1,104	45,950	4,562	706,471	309,134
10	15,087,753	11,432,122	405,056	449,822	2,713,954	318,551	5,898,868	451,220	74,842	62,932	1,056,877	13,348,359	7,130,940

leather, tanned, curried, and finished, 1; liquors, distilled, 1; looking-glass and picture frames, 1; marble and stone work, 3; mattresses and spring beds, 2; millinery and lace goods, 4; mineral and soda waters, 6; mirrors, 1; moving pictures, 1; needles, pins, and hooks and eyes, 1; paint and varnish, 3; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; patent medicines and compounds and druggists' preparations, 8; pencils, lead, 1; shipbuilding, including boat building, 3; signs and advertising novelties, 1; slaughtering and meat packing, 3; smelting and refining, not from the ore, 1; soap, 1; soda-water apparatus, 1; sporting and athletic goods, 1; stationery goods, not elsewhere specified, 1; statuary and art goods, 1; surgical appliances and artificial limbs, 1; tobacco manufactures, 21; toys and games, 1; wall paper, 1; wheelbarrows, 1; wood, turned and carved, 1.

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, AND CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES—Continued.

JERSEY CITY.

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			Total.	16 and over.		Under 16.			
					Male.	Female.	Total.	16 and over.			Under 16.	Male.	Female.	Male.	Female.	
								Male.	Female.							
1 All industries.....	745	30,239	614	966	2,548	657	25,454	18,140	6,866	448	26,721	18,861	7,394	171	295	35,917
2 Boxes, fancy and paper.....	5	589	3	11	16	2	557	139	376	42	563	141	380	5	37	194
3 Brass and bronze products.....	9	400	5	19	34	2	340	335	5	5	563	141	380	5	37	194
4 Bread and other bakery products.....	113	757	117	8	68	30	534	501	32	1	547	513	33	1	221	
5 Cars and general shop construction and repairs by steam-railroad companies.....	4	2,106	.....	119	162	7	1,818	1,766	52	.....	1,870	1,817	53	.....	927	
6 Chemicals.....	5	244	.....	16	29	4	195	187	6	2	200	192	6	2	657	
7 Confectionery.....	7	389	2	18	30	11	328	156	172	.....	347	165	182	.....	493	
8 Cooperage and wooden goods, not elsewhere specified.....	6	232	3	19	5	3	202	200	2	.....	217	215	2	.....	205	
9 Copper, tin, and sheet-iron products.....	23	436	24	29	28	15	340	336	3	1	372	368	3	1	478	
10 Electrical machinery, apparatus, and supplies.....	10	663	6	37	24	11	585	423	162	.....	633	461	172	.....	522	
11 Foundry and machine-shop products.....	49	2,119	27	83	206	13	1,790	1,785	1	4	1,731	1,726	1	4	2,830	
12 Leather goods.....	10	571	11	5	13	6	536	387	149	.....	566	409	157	.....	124	
13 Lumber and timber products.....	20	671	19	19	41	6	586	582	.....	4	650	646	.....	4	1,053	
14 Millinery and lace goods.....	34	730	43	15	26	21	625	156	460	9	649	162	478	9	269	
15 Paint and varnish.....	6	156	2	12	38	7	97	84	13	.....	98	85	13	.....	410	
16 Paper and wood pulp.....	4	171	.....	10	2	2	157	143	14	.....	154	140	14	.....	1,250	
17 Patent medicines and compounds and druggists' preparations.....	13	142	7	16	26	17	76	36	40	.....	91	43	48	.....	185	
18 Printing and publishing.....	48	648	35	25	94	28	466	393	67	6	482	407	69	6	642	
19 Silk and silk goods, including throwsters.....	7	1,093	6	6	28	5	1,048	486	541	21	1,069	496	552	21	730	
20 Slaughtering and meat packing.....	20	1,124	13	37	186	32	856	788	67	1	805	741	63	.....	945	
21 Tobacco manufactures.....	51	2,814	50	82	83	22	2,577	768	1,750	59	3,096	922	2,102	6	1,479	
22 All other industries.....	296	14,184	241	380	1,409	413	11,741	8,489	2,959	293	12,157	8,794	3,066	135	162	21,703

<sup>1</sup> All other industries embrace: Artificial flowers and leathers and plumes, 3; artificial stone, 3; automobiles, including bodies and parts, 2; awnings, tents, and sails, 2; axle grease, 1; bags, other than paper, 1; baking powders and yeast, 1; belting and hose, leather, 1; belting and hose, woven and rubber, 3; billiard tables and materials, 1; blacking and cleaning and polishing preparations, 4; boots and shoes, including cut stock and findings, 2; brushes, 3; buttons, 2; canning and preserving, 4; carpets and rugs, other than rag, 1; carriages and wagons and materials, 27; china decorating, 3; chocolate and cocoa products, 2; clocks and watches, including cases and materials, 1; clothing, men's, including shirts, 2; clothing, women's, 7; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine and jute and linen goods, 1; cordials and sirups, 2; cork cutting, 1; corsets, 1; cotton goods, including cotton small wares, 1; crucibles, 1; cutlery and tools, not elsewhere specified, 4; dairymen's, poultryers', and apiarists' supplies, 1; drug grinding, 1; dyeing and finishing textiles, 7; dyestuffs and extracts, 2; electroplating, 2; engravers' materials, 1; engraving and desinking, 2; fancy articles, not elsewhere specified, 1; fertilizers, 1; fireworks, 4; flavoring extracts, 2; flags, banners, regalia, society badges, and emblems, 1; flour-mill and gristmill products, 1; food preparations, 8; foundry supplies, 1; fur goods, 2; furnishing goods, men's, 2; furniture and refrigerators, 8; furs, dressed, 1; galvanizing, 2; gas and electric fixtures and lamps and reflectors, 6; gas, illuminating and heating, 4; glass, cutting, staining, and ornamenting, 2; gloves and

NEWARK.

1 All industries.....	1,858	69,986	1,704	2,160	4,548	1,619	59,955	42,877	15,328	1,750	63,981	45,761	16,370	954	896	78,263
2 Boots and shoes, including cut stock and findings.....	12	1,585	8	27	71	30	1,449	1,016	377	56	1,458	1,022	379	31	26	490
3 Boxes, fancy and paper.....	13	661	10	15	8	8	620	144	430	46	673	157	466	7	43	301
4 Brass and bronze products.....	22	304	18	20	18	7	241	225	11	5	278	259	13	6	264	
5 Bread and other bakery products.....	205	1,357	204	36	61	30	1,026	968	56	2	1,059	999	58	1	566	
6 Buttons.....	30	1,603	31	36	22	20	1,499	1,016	418	65	1,552	1,052	433	28	39	786
7 Carriages and wagons and materials.....	39	394	48	13	9	.....	324	323	.....	1	315	314	.....	1	277	
8 Chemicals.....	9	1,795	3	48	171	9	1,564	1,215	302	47	1,535	1,192	297	12	34	4,455
9 Clocks and watches, including cases and materials.....	6	586	1	17	16	10	542	450	71	21	529	439	70	16	4	363
10 Clothing, men's, including shirts.....	73	2,177	91	27	47	16	1,996	1,004	958	34	2,084	1,048	1,001	15	20	285
11 Clothing, women's.....	30	2,615	30	29	65	171	2,320	1,555	2,035	130	2,405	161	2,110	6	128	332
12 Confectionery.....	16	471	17	16	36	21	381	154	224	3	364	147	214	.....	3	252
13 Copper, tin, and sheet-iron products.....	43	2,883	35	65	93	27	2,663	1,976	527	160	2,939	2,180	583	107	69	1,287
14 Cutlery and tools, not elsewhere specified.....	39	1,759	38	28	90	27	1,576	1,402	139	35	1,612	1,435	141	33	3	1,616
15 Electrical machinery, apparatus, and supplies.....	21	3,346	6	72	317	131	2,820	1,805	1,012	3	3,374	2,159	1,210	2	3	2,508
16 Fancy articles, not elsewhere specified.....	14	372	19	11	22	37	283	221	51	11	290	227	52	11	.....	251
17 Foundry and machine-shop products.....	168	7,585	121	266	405	126	6,667	6,167	400	100	7,030	6,502	422	88	18	8,923
18 Hats, fur-felt.....	35	2,384	47	51	112	16	2,158	1,601	514	43	2,747	2,040	653	20	34	2,553
19 Jewelry.....	145	4,777	162	218	353	195	3,849	2,752	939	153	4,012	2,870	977	85	80	1,214
20 Leather goods.....	46	865	43	42	71	22	687	578	85	24	689	580	85	23	1	505
21 Leather, tanned, curried, and finished.....	63	4,149	51	127	145	32	3,794	3,703	23	68	4,192	4,091	26	75	.....	6,736
22 Liquors, malt.....	14	1,540	.....	68	238	5	1,229	1,228	.....	1	1,256	1,249	.....	1	.....	8,319
23 Lumber and timber products.....	26	829	14	41	35	8	731	680	49	2	730	679	49	.....	2	1,413
24 Marble and stone work.....	23	333	31	18	11	2	271	271	.....	.....	334	334	.....	.....	.....	696
25 Mattresses and spring beds.....	7	323	10	7	25	11	270	260	10	.....	269	259	10	.....	.....	113
26 Millinery and lace goods.....	9	269	13	4	9	2	241	48	169	24	267	53	187	.....	27	98



STATISTICS OF MANUFACTURES.

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TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909—Continued.

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES—Continued.

JERSEY CITY.

Capital.	EXPENSES.											Value of products.	Value added by manufacture.
	Total.	Services.			Materials.		Miscellaneous.						
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.			
1 \$79,793,932	\$120,141,941	\$2,276,070	\$2,772,563	\$13,215,567	\$1,898,618	\$87,418,609	\$1,674,572	\$2,749,469	\$657,216	\$7,479,257	\$128,774,978	\$39,457,751	
2 364,663	468,479	27,340	14,768	166,093	4,794	233,423	1,800	2,885	2,900	14,476	526,644	288,427	
3 1,277,322	1,943,879	74,088	38,484	185,102	23,443	1,553,863	3,021	6,946	-----	58,982	2,180,089	602,783	
4 953,751	2,137,109	12,970	61,354	380,590	41,923	1,489,373	39,419	10,733	955	93,792	2,485,417	954,121	
5 404,708	2,539,435	87,373	103,219	1,044,310	57,317	1,216,053	-----	5,235	-----	25,928	2,539,435	1,266,065	
6 1,300,965	1,396,843	75,305	28,879	124,936	46,589	1,020,720	1,920	5,710	11,431	81,353	1,625,511	558,202	
7 665,274	1,105,917	26,300	20,519	145,802	13,205	825,477	11,337	2,925	-----	60,352	1,150,571	311,889	
8 423,806	516,147	30,380	5,222	98,823	3,385	347,570	4,200	2,825	-----	23,742	546,653	195,698	
9 861,990	1,121,744	46,891	26,956	240,864	9,168	722,941	8,520	4,191	-----	62,213	1,283,634	551,525	
10 932,528	1,132,863	59,035	26,112	292,850	16,387	579,411	5,858	4,099	-----	149,111	1,253,122	657,324	
11 5,783,655	4,120,194	191,109	205,399	1,235,374	65,402	1,876,188	61,595	17,848	184,942	282,337	4,699,895	2,758,305	
12 591,593	977,357	38,920	26,233	228,452	2,217	572,708	1,700	2,257	-----	104,870	986,232	411,307	
13 1,394,780	1,398,197	36,608	43,628	329,222	6,962	928,819	6,561	7,933	9,357	29,109	1,619,002	683,221	
14 799,714	909,840	22,010	36,620	299,192	13,664	490,794	12,532	2,682	13,860	48,576	1,085,418	581,050	
15 571,120	746,238	37,485	40,425	62,549	5,424	550,960	1,300	2,139	9,000	36,956	881,867	326,483	
16 566,623	410,866	32,608	3,368	90,337	31,662	210,684	6,000	3,323	-----	32,884	462,205	195,856	
17 361,893	335,115	33,453	42,591	39,932	3,459	137,548	4,860	2,436	1,500	69,336	478,959	337,952	
18 1,166,394	1,010,860	72,280	88,924	294,540	13,439	443,681	15,469	5,822	9,208	67,488	1,193,302	736,182	
19 1,199,724	1,921,891	26,180	27,869	550,294	15,833	986,496	5,640	5,137	203,500	101,032	2,071,296	1,068,967	
20 4,250,453	22,081,695	99,867	251,539	592,576	74,498	20,462,929	45,085	25,802	68,551	460,748	22,813,974	1,776,547	
21 4,959,229	9,975,513	134,496	88,158	943,048	62,785	5,822,946	22,201	2,124,780	19,467	757,632	11,064,778	5,179,047	
22 50,963,747	63,891,859	1,111,424	1,582,296	5,894,762	1,387,062	46,946,115	1,415,554	503,761	122,545	4,918,340	68,326,974	19,993,797	

mitten, leather, 4; gold and silver, leaf and foil, 7; grease and tallow, 1; hair work, 1; hats and caps, other than felt, straw, and wool, 2; hosiery and knit goods, 5; ink, printing, 1; ink, writing, 2; iron and steel, steel works and rolling mills, 3; leather, tanned, curried, and finished, 2; liquors, distilled, 2; liquors, malt, 2; looking-glass and picture frames, 1; marble and stone work, 11; mattresses and spring beds, 3; mineral and soda waters, 16; mirrors, 1; models and patterns, not including paper patterns, 5; musical instruments and materials, not specified, 1; musical instruments, pianos and organs and materials, 2; oakum, 1; oil, castor, 1; oil, not elsewhere specified, 4; oleomargarine, 1; roofing materials, 2; rubber goods, not elsewhere specified, 1; paving materials, 2; pencils, lead, 2; petroleum, refining, 1; photographic apparatus and materials, 3; pipes, tobacco, 1; soda-water apparatus, 1; springs, steel, car and carriage, 1; scales and balances, 4; shipbuilding, including boat building, 6; signs and advertising novelties, 1; soap, 3; soda-water apparatus, 1; toys and games, 5; type founding and printing materials, 1; umbrellas and canes, 1; waste, 1; window shades and fixtures, 6; wood, turned and carved, 3; wool pulling, 1; woolen, worsted, and felt goods, and wool hats, 1.

NEWARK.

1 \$154,232,686	\$181,530,641	\$5,959,917	\$5,817,426	\$33,075,595	\$2,807,267	\$111,872,141	\$2,820,060	\$3,010,478	\$616,463	\$15,551,294	\$202,511,520	\$87,832,112
2 1,504,928	2,754,100	75,335	98,651	704,438	10,461	1,662,391	15,876	3,517	-----	183,431	2,900,697	1,227,845
3 293,958	537,021	23,576	11,081	186,729	4,742	255,814	17,018	1,141	50	36,870	648,232	387,676
4 312,979	541,576	30,393	16,794	138,992	11,180	309,943	7,282	1,086	-----	25,906	611,428	290,305
5 1,646,096	3,908,453	90,080	72,518	737,699	87,970	2,623,326	91,534	12,896	120	192,410	4,627,010	1,915,714
6 1,018,489	1,711,174	95,550	26,930	624,612	23,696	832,497	29,357	2,574	3,170	72,788	1,906,836	1,050,643
7 687,602	477,353	21,050	6,064	204,426	9,431	204,549	12,376	3,761	1,135	14,561	598,915	384,935
8 6,629,087	4,128,893	199,536	186,478	823,185	169,495	2,234,010	7,413	35,823	72,532	400,421	4,805,295	2,401,790
9 1,762,817	1,036,311	53,560	16,052	323,507	12,592	580,496	2,302	3,724	-----	44,078	1,179,158	586,070
10 1,131,020	2,198,865	44,776	50,567	997,846	17,222	784,463	66,338	9,432	86,759	141,462	2,473,483	1,671,798
11 1,739,171	2,813,969	87,834	123,698	767,032	10,346	1,558,489	48,005	3,057	-----	215,508	3,349,187	1,780,362
12 1,327,876	1,317,505	33,259	36,376	131,464	9,855	127,115	12,450	10,583	-----	256,403	1,634,928	797,968
13 3,611,797	3,729,769	158,582	122,892	1,424,232	52,374	1,747,143	21,291	12,169	5,110	185,976	4,165,653	2,366,156
14 2,161,769	1,821,713	74,495	117,886	756,623	43,034	603,079	15,443	9,482	-----	202,071	2,081,125	1,435,012
15 7,432,789	4,648,049	213,434	445,042	1,515,668	54,061	1,428,179	15,103	15,766	-----	969,796	5,617,326	4,135,086
16 368,523	376,447	23,905	28,026	136,998	8,154	146,716	7,976	1,259	203	23,210	438,606	283,736
17 13,136,490	13,863,588	867,627	508,247	4,227,919	258,395	6,402,232	101,823	49,201	17,679	1,430,465	15,481,898	8,821,271
18 2,176,421	3,997,494	93,010	102,923	1,419,337	80,930	1,992,911	12,018	10,345	99,726	189,294	4,433,132	2,359,291
19 11,937,304	11,066,405	672,694	579,819	2,510,625	34,484	6,205,335	126,563	25,050	13,569	898,566	13,152,340	6,912,521
20 1,304,343	1,493,836	71,152	62,374	382,218	11,800	847,377	30,282	6,320	1,607	80,646	1,665,657	806,420
21 12,837,341	17,112,810	380,947	185,510	2,503,968	219,103	13,197,069	35,000	50,679	27,228	513,306	18,868,046	5,441,874
22 19,928,449	10,019,180	379,256	334,866	1,040,671	182,430	2,616,716	-----	1,951,357	-----	3,513,884	12,361,455	9,502,309
23 1,328,766	1,613,558	58,316	27,515	1,464,131	12,095	1,064,131	12,015	8,709	26,632	59,318	1,916,178	839,952
24 712,555	725,998	34,820	12,031	249,699	7,673	314,171	7,586	3,196	37,964	59,858	838,583	511,739
25 379,002	629,985	24,130	19,748	131,423	1,842	435,602	5,568	256	-----	11,416	664,404	226,960
26 214,950	361,133	4,390	8,102	103,699	2,012	198,859	3,828	1,474	-----	39,069	404,267	203,396

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, AND CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES—Continued.

NEWARK—Continued.

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).					Total.	16 and over.		Under 16.		
					Male.	Female.	Total.	16 and over.		Under 16.	Male.		Female.	Male.	Female.		
								Male.	Female.								
27 Oil, not elsewhere specified.....	5	217	20	50	18	129	123	6	132	126	6	172					
28 Paint and varnish.....	25	1,033	6	72	284	58	613	569	44	596	553	43	2,548				
29 Patent medicines and compounds and druggists' preparations.....	33	244	20	27	38	21	138	96	42	173	120	53	184				
30 Printing and publishing.....	118	2,180	120	79	257	56	1,668	1,285	365	18	1,821	1,402	399	17	3	1,307	
31 Rubber goods, not elsewhere specified.....	4	169	2	7	13	2	145	65	77	3	158	71	84	3	470		
32 Slaughtering and meat packing.....	13	355	12	9	30	16	288	287	1	301	300	1	687				
33 Tobacco manufactures.....	101	1,735	106	25	66	13	1,525	366	1,103	56	1,627	390	1,176	10	51	175	
34 All other industries <sup>1</sup> .....	451	19,086	387	619	1,360	472	16,248	10,724	4,890	634	17,186	11,351	5,172	359	304	28,047	

<sup>1</sup> All other industries embrace: Artificial flowers and feathers and plumes, 1; artificial stone, 1; artists' materials, 1; automobiles, including bodies and parts, 6; awnings, tents, and sails, 3; axle grease, 1; babbitt metal and solder, 3; baskets, and rattan and willow ware, 1; belting and hose, leather, 6; belting and hose, woven and rubber, 1; billiard tables and materials, 1; blacking and cleansing and polishing preparations, 11; boxes, cigar, 3; brooms, 2; brushes, 6; canning and preserving, 10; carpets, rag, 1; carriages and sleds, children's, 3; cars and general shop construction and repairs by street-railroad companies, 1; chocolate and cocoa products, 1; clothing, men's, buttonholes, 2; coffee and spice, roasting and grinding, 3; coffins, burial cases, and undertakers' goods, 3; cooperage and wooden goods, not elsewhere specified, 9; cordage and twine and jute and linen goods, 1; cordials and sirups, 1; cork, cutting, 4; corsets, 9; cotton goods, including cotton small wares, 1; dairymen's, poultryers, and apiarists' supplies, 1; dentists' materials, 1; dyeing and finishing textiles, 1; dyestuffs and extracts, 6; electroplating, 7; emery and other abrasive wheels, 2; enameling and japanning, 13; engraving and diesinking, 7; engraving, wood, 1; fertilizers, 2; files, 4; flags, banners, regalia, society badges, and emblems, 4; flavoring extracts, 3; flour-mill and gristmill products, 1; food preparations, 10; fur goods, 3; furnishing goods, men's, 2; furniture and refrigerators, 8; furs, dressed, 3; galvanizing, 1; gas and electric fixtures and lamps and reflectors, 6; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 16; glue, 1; gold and silver, leaf and foil, 1; gold and silver, reducing and refining, not from the ore, 6; grease and tallow, 2; hand stamps and stencils and brands, 3; hat and cap materials, 9; hats and caps, other than felt, straw, and wool, 1; hats, straw, 1; hones and whetstones, 1; hosiery and knit goods, 7; house-furnishing goods, not elsewhere specified, 2; ice, manufactured, 3; ink, printing, 3;

PASSAIC.

1 All industries.....	169	16,388	145	221	708	226	15,086	8,020	6,629	437	16,613	8,826	7,305	228	254	23,245
2 Bread and other bakery products.....	42	196	46	7	2	6	135	132	3	141	138	3	30			
3 Cotton goods, including cotton small wares.....	5	1,371	22	36	7	1,306	680	579	47	1,412	736	626	18	32	2,510	
4 Foundry and machine-shop products.....	13	282	13	11	49	8	201	199	1	225	223	1	468			
5 Woolen, worsted, and felt goods, and wool hats.....	6	7,184	6	40	247	6	6,885	3,408	3,291	186	7,675	3,795	3,672	125	83	8,960
6 All other industries <sup>1</sup> .....	103	7,353	80	141	374	199	6,559	3,601	2,755	203	7,160	3,934	3,003	84	139	11,277

<sup>1</sup> All other industries embrace: Artificial stone, 2; belting and hose, woven and rubber, 2; blacking and cleansing and polishing preparations, 2; boxes, fancy and paper, 1; brass and bronze products, 1; carriages and wagons and materials, 1; chemicals, 1; confectionery, 1; copper, tin, and sheet-iron products, 6; dyeing and finishing textiles, 3; electrical machinery, apparatus, and supplies, 1; flour-mill and gristmill products, 1; food preparations, 3; furnishing goods, men's, 5; gas and electric fixtures and lamps and reflectors, 1; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; instruments, professional and scientific, 3; jewelry, 1; leather goods, 1; liquors

PATERSON.

1 All industries.....	702	35,116	871	699	1,305	237	32,004	18,530	12,478	996	32,863	18,908	12,917	508	530	35,899
2 Bread and other bakery products.....	86	572	312	4	6	12	238	228	4	6	245	235	4	5	1	95
3 Clothing, men's, including shirts.....	12	1,985	11	26	67	25	1,856	520	1,260	76	2,032	569	1,380	35	48	411
4 Cordage and twine and jute and linen goods.....	5	2,007	14	53	5	1,935	774	960	201	1,983	793	983	114	93	4,150	
5 Cotton goods, including cotton small wares.....	6	272	6	9	32	1	224	112	86	26	257	128	99	21	365	
6 Dyeing and finishing textiles.....	24	3,858	14	55	115	24	3,650	3,478	157	15	3,687	3,513	159	13	2	7,739
7 Foundry and machine-shop products.....	47	2,530	44	81	131	5	2,269	2,058	175	36	2,344	2,126	181	29	8	1,880
8 Lumber and timber products.....	8	193	5	10	12	3	163	159	2	2	164	160	2	2	361	
9 Printing and publishing.....	42	425	38	24	44	7	312	261	25	26	345	288	28	19	10	471
10 Silk and silk goods, including throwsters.....	276	20,099	250	349	548	124	18,228	8,698	9,565	565	19,381	8,945	9,849	249	338	13,361
11 Slaughtering and meat packing.....	6	166	4	11	35	1	115	115	1	115	118	118	1	1	408	
12 Tobacco manufactures.....	37	208	42	2	4	1	159	142	12	5	179	160	13	6	26	
13 All other industries <sup>1</sup> .....	153	2,801	145	114	258	29	2,255	1,985	232	38	2,128	1,873	219	27	9	6,622

<sup>1</sup> All other industries embrace: Artificial stone, 7; automobiles, including bodies and parts, 2; awnings, tents, and sails, 4; baskets, and rattan and willow ware, 2; blacking and cleansing and polishing preparations, 2; boots and shoes, including cut stock and findings, 2; boxes, cigar, 1; boxes, fancy and paper, 8; brass and bronze products, 2; brooms, 1; brushes, 1; card cutting and designing, 8; carpets and rugs, other than rag, 1; carriages and wagons and materials, 8; confectionery, 3; cooperage and wooden goods, not elsewhere specified, 4; copper, tin, and sheet-iron products, 7; cutlery and tools, not elsewhere specified, 1; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 1; flags, banners, regalia, society badges, and emblems, 2; food preparations, 1; fur goods, 3; furniture and refrigerators, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 2; hand stamps and stencils and brands, 1; hats, fur-felt, 3; hosiery

TRENTON.

1 All industries.....	340	20,679	295	496	1,047	298	18,543	14,751	3,484	308	19,756	15,736	3,691	161	168	29,839
2 Bread and other bakery products.....	48	442	53	6	23	11	349	302	12	35	357	309	12	35	1	221
3 Clothing, men's, including shirts.....	6	240	9	9	7	1	214	22	192	1	218	22	196	1	52	
4 Confectionery.....	10	188	8	6	19	12	143	53	89	1	157	58	98	1	96	
5 Foundry and machine-shop products.....	28	2,261	21	57	161	24	1,998	1,970	26	2	2,215	2,184	29	2	3,327	
6 Furniture and refrigerators.....	4	246	3	8	17	1	217	216	1	1	204	203	1	1	282	
7 Pottery, terra-cotta, and fire-clay products.....	34	5,347	13	112	137	55	5,030	4,009	956	65	5,444	4,337	1,036	40	31	3,113
8 Printing and publishing.....	35	431	40	21	34	12	324	286	34	4	323	285	34	4	255	
9 Rubber goods, not elsewhere specified.....	8	1,059	1	37	60	25	936	828	96	12	943	834	97	10	2	2,614
10 Slaughtering and meat packing.....	9	66	10	1	8	1	47	47	1	1	72	72	1	1	104	
11 Tobacco manufactures.....	19	1,116	17	34	16	21	1,028	66	856	106	1,074	69	895	1	109	120
12 All other industries <sup>1</sup> .....	139	9,283	120	205	565	136	8,257	6,952	1,222	83	8,749	7,363	1,293	68	25	19,655

<sup>1</sup> All other industries embrace: Agricultural implements, 1; artificial stone, 2; automobiles, including bodies and parts, 4; bags, other than paper, 1; belting and hose, woven and rubber, 3; bluing, 1; boots and shoes, including cut stock and findings, 1; boxes, cigar, 1; boxes, fancy and paper, 1; brass and bronze products, 3; brick and tile, 3; brooms, 1; brushes, 2; canning and preserving, 2; carriages and wagons and materials, 5; cars and general shop construction and repairs by steam-railroad companies, 1; cars and general shop construction and repairs by street-railroad companies, 2; china decorating, 3; clocks and watches, including cases and materials, 1; clothing, women's, 5; coffee and spice, roasting and grinding, 4; cooperage and wooden goods, not elsewhere specified, 7; copper, tin, and sheet-iron products, 9; crucibles, 1; cutlery and tools, not elsewhere specified, 3; electrical machinery, apparatus, and supplies, 3; electroplating, 3; engraving and diesinking, 1; fertilizers, 1; flour-mill and gristmill

TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909—Continued.

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES—Continued.

NEWARK—Continued.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.	
	Total.	Services.			Materials.			Miscellaneous.					
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.			
27 \$1,087,452	\$1,543,268	\$74,609	\$57,903	\$75,849	\$20,032	\$1,195,444		\$4,450		\$114,981	\$1,613,708	\$398,232	
28 6,028,021	6,029,747	261,197	508,508	385,191	68,613	4,198,946	\$26,095	31,782	\$300	549,115	6,733,293	2,465,734	
29 699,593	1,311,466	117,040	71,547	62,659	6,626	365,834	15,991	1,890		670,179	1,338,042	965,882	
30 4,272,651	3,486,535	179,453	269,996	1,184,208	36,766	1,210,124	86,570	13,421	87,623	418,374	4,519,059	3,272,469	
31 616,660	610,551	15,030	19,104	74,784	6,652	470,053	600	3,661		20,667	691,266	214,561	
32 886,386	4,134,781	21,970	32,949	187,856	18,298	3,741,434	15,981	4,503		111,790	4,296,800	537,068	
33 2,298,245	2,438,256	41,081	104,912	555,584	7,189	995,803	26,568	419,197	271	287,651	2,771,308	1,768,316	
34 42,759,156	69,090,852	1,437,930	1,552,317	8,161,727	1,307,654	50,622,190	1,944,108	298,717	137,785	3,628,424	73,738,905	21,809,091	

ink, writing, 1; instruments, professional and scientific, 3; iron and steel, steel works and rolling mills, 2; iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills, 1; iron and steel, doors and shutters, 1; iron and steel forgings, 3; iron and steel pipe, wrought, 1; jewelry and instrument cases, 9; kaolin and ground earths, 2; lapidary work, 3; lasts, 4; lime, 1; looking-glass and picture frames, 3; malt, 1; mineral and soda waters, 23; mirrors, 2; models and patterns, not including paper patterns, 11; mullage and paste, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and organs and materials, 1; needles, pins, and hooks and eyes, 2; oilcloth and linoleum, 1; optical goods, 3; paper and wood pulp, 2; paper goods not elsewhere specified, 4; paper patterns, 1; pens, fountain, stylographic, and gold, 1; phonographs and graphophones, 3; photographic apparatus and materials, 2; photo-engraving, 1; pipes, tobacco, 1; pottery, terra-cotta, and fire-clay products, 3; roofing materials, 2; saws, 3; scales and balances, 3; screws, machine, 1; sewing machines, cases, and attachments, 1; shipbuilding, including boat building, 2; shoddy, 1; show cases, 6; silk and silk goods, including throwsters, 2; silverware and plated ware, 24; smelting and refining, copper, 1; smelting and refining, not from the ore, 7; soap, 1; soda-water apparatus, 1; sporting and athletic goods, 4; springs, steel, car and carriage, 2; stationery goods, not elsewhere specified, 2; statuary and art goods, 6; stereotyping and electrotyping, 2; stoves and furnaces, including gas and oil stoves, 1; sulphuric, nitric, and mixed acids, 2; surgical appliances and artificial limbs, 3; toys and games, 2; typewriters and supplies, 3; umbrellas and canes, 1; upholstering materials, 5; vault lights and ventilators, 1; wall plaster, 1; window shades and fixtures, 5; wire, 1; wirework, including wire rope and cable, 6; wood preserving, 2; wood, turned and carved, 7; woolen, worsted, and felt goods, and wool hats, 1.

PASSAIC.

1 \$42,840,818	\$35,018,969	\$763,612	\$1,020,343	\$6,268,915	\$606,355	\$23,728,490	\$65,091	\$194,368	\$270,348	\$2,101,387	\$41,729,257	\$17,394,412
2 191,529	455,220	3,360	3,320	91,892	10,633	310,566	13,414	1,491		20,544	553,759	232,590
3 3,529,496	3,485,001	71,536	40,301	543,741	45,076	2,498,711	600	8,245	50,129	226,662	3,953,583	1,400,796
4 709,837	623,254	27,970	62,415	132,013	7,297	310,812	1,390	2,885	5,950	72,522	691,823	373,714
5 20,889,322	12,993,332	220,566	325,952	2,752,310	222,178	8,721,390	4,590	55,054	840	690,452	16,581,824	7,638,256
6 17,520,634	17,462,102	440,180	588,355	2,748,959	321,171	11,887,011	45,097	126,693	213,429	1,091,207	19,948,268	7,740,086

distilled, 1; liquors, malt, 1; liquors, vinous, 1; lumber and timber products, 1; marble and stone work, 2; matches, 1; mattresses and spring beds, 2; millinery and lace goods, 6; mineral and soda waters, 5; paint and varnish, 1; paper goods, not elsewhere specified, 1; patent medicines and compounds and druggists' preparations, 1; printing and publishing, 18; pumps, not including steam pumps, 1; roofing materials, 1; silk and silk goods, including throwsters, 4; slaughtering and meat packing, 2; soap, 2; stationery goods, not elsewhere specified, 1; tobacco manufactures, 10; upholstering materials, 1; wood, turned and carved, 2.

PATERSON.

1 \$66,401,725	\$62,876,266	\$1,693,506	\$1,287,409	\$15,204,544	\$1,081,057	\$33,646,541	\$1,252,600	\$588,930	\$4,206,511	\$3,915,168	\$69,584,351	\$34,856,753
2 388,484	921,291	2,572	8,114	154,610	19,762	671,880	17,696	3,716		42,941	1,010,715	319,073
3 2,219,264	3,378,110	90,113	66,786	827,633	17,295	1,998,357	11,730	4,740	265,286	96,161	3,444,928	1,429,276
4 3,670,722	2,763,063	39,170	39,904	575,952	40,690	1,840,946		24,672	369	201,360	2,794,011	912,375
5 663,845	344,870	8,725	18,090	78,156	6,518	197,815	5,840	2,090	3,115	24,521	380,253	175,920
6 11,047,733	5,394,733	199,993	120,355	1,831,526	252,380	2,506,304	29,994	23,178		431,003	6,206,830	3,448,146
7 6,594,193	3,171,517	156,588	122,925	1,177,717	68,907	1,466,421	45,681	26,535	2,132	104,611	3,796,568	2,261,240
8 353,161	379,647	14,188	14,105	99,330	2,229	232,201	492	2,707		14,395	420,016	185,586
9 644,020	472,143	46,281	26,519	183,485	10,123	148,739	7,820	4,137	10,220	34,819	609,770	450,908
10 26,446,795	36,683,178	844,915	610,938	8,872,283	314,842	19,205,578	481,772	97,618	3,924,410	2,330,822	40,358,271	20,837,851
11 577,920	2,761,788	42,516	30,296	117,856	18,799	2,510,276	10,612	4,371		27,062	3,003,139	474,064
12 169,259	326,527	5,489	4,284	89,686	553	171,652	3,275	35,595		15,993	333,223	161,018
13 13,626,329	6,279,399	242,956	225,093	1,196,310	328,959	2,696,372	637,679	359,571	979	591,480	7,220,627	4,201,296

and knit goods, 1; house-furnishing goods, not elsewhere specified, 1; iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills, 1; iron and steel forgings, 1; iron and steel pipe, wrought, 1; jewelry, 1; leather goods, 3; liquors, distilled, 2; liquors, malt, 1; locomotives, not made by railroad companies, 2; looking-glass and picture frames, 4; marble and stone work, 2; mattresses and spring beds, 3; mineral and soda waters, 17; models and patterns, not including paper patterns, 1; musical instruments, pianos and organs and materials, 1; oil, not elsewhere specified, 1; optical goods, 3; paper goods, not elsewhere specified, 2; rubber goods, not elsewhere specified, 1; smelting and refining, not from the ore, 1; soap, 2; steam packing, 2; surgical appliances and artificial limbs, 1; wall paper, 1; wall plaster, 1; wirework, including wire rope and cable, 1; wood distillation, not including turpentine and rosin, 1; wood, turned and carved, 6; woolen, worsted, and felt goods, and wool hats, 2.

TRENTON.

1 \$46,638,757	\$43,610,937	\$1,117,554	\$1,114,051	\$9,725,718	\$1,316,571	\$26,355,978	\$101,460	\$363,636	\$108,180	\$3,407,789	\$49,008,715	\$21,336,166
2 496,002	1,089,504	9,056	19,757	187,108	24,678	807,768	9,116	3,433		28,528	1,278,826	446,380
3 216,983	354,788	14,815	7,474	56,737	3,650	243,482	2,019	365	13,398	12,848	375,211	128,079
4 189,799	290,224	8,690	22,353	42,830	3,779	185,516	5,436	1,269	60	20,091	374,382	184,887
5 4,959,861	3,360,608	139,117	138,975	1,096,002	76,021	1,708,856	7,239	22,616		171,788	3,838,381	2,053,510
6 355,450	330,323	14,420	10,041	131,152	5,637	129,520		1,214		38,339	392,117	256,960
7 8,891,752	6,174,892	298,393	152,524	3,143,166	463,268	1,552,074	9,800	39,791	1,391	494,425	6,995,793	4,960,451
8 641,180	564,591	58,144	22,399	223,222	13,008	175,415	11,386	3,686	16,364	40,967	737,732	549,300
9 2,930,339	4,590,330	99,882	76,041	500,866	119,869	3,561,425	31,290	6,005		194,652	4,969,259	1,287,965
10 202,105	594,625	416	4,214	30,084	2,778	538,210	780	1,464		16,679	636,120	95,132
11 407,806	1,249,152	54,346	38,625	287,126	1,763	597,599	4,696	109,565		155,432	1,528,238	928,876
12 27,347,480	25,012,200	420,275	621,048	4,027,365	582,120	16,856,919	19,638	174,228	76,967	2,234,040	27,882,656	10,444,617

products, 2; food preparations, 1; furnishing goods, men's, 1; gas and electric fixtures and lamps and reflectors, 3; hats and caps, other than felt, straw, and wool, 1; hosiery and knit goods, 1; house-furnishing goods, not elsewhere specified, 1; ice, manufactured, 3; iron and steel forgings, 1; jewelry, 1; kaolin and ground earths, 2; liquors, malt, 3; lumber and timber products, 8; marble and stone work, 5; mats and matting, 1; mattresses and spring beds, 2; mineral and soda waters, 6; models and patterns, not including paper patterns, 2; mullage and paste, 1; musical instruments, pianos and organs and materials, 1; optical goods, 2; patent medicines and compounds and druggists' preparations, 4; shipbuilding, including boat building, 2; smelting and refining, zinc, 1; surgical appliances and artificial limbs, 1; wall plaster, 1; wire, 2; wirework, including wire rope and cable, 1; wood, turned and carved, 2; woolen, worsted, and felt goods, and wool hats, 2.

## SUPPLEMENT FOR NEW JERSEY.

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, AND CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

CITY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.									WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.						Pri- mary horse- power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			Total.	16 and over.		Under 16.				
					Male.	Fe- male.	Total.	16 and over.			Under 16.	Male.	Fe- male.	Male.	Fe- male.		
								Male.	Fe- male.								
1 ASBURY PARK.....	27	332	23	11	21	8	264	258	6	.....	244	238	6	.....	392		
2 ATLANTIC CITY.....	94	973	94	43	77	33	726	703	11	12	680	659	10	11	1,718		
3 BLOOMFIELD.....	45	3,435	35	71	256	116	2,957	1,475	1,390	92	3,205	1,598	1,506	46	55	6,031	
4 BRIDGETON.....	74	2,649	62	61	95	44	2,387	1,647	695	45	3,545	2,445	1,032	66	2	2,105	
5 EAST ORANGE.....	42	1,861	45	21	333	76	1,386	1,042	323	21	1,410	1,060	329	10	11	1,087	
6 GARFIELD.....	25	2,661	20	26	62	23	2,530	1,025	1,412	93	2,879	1,166	1,606	48	59	5,410	
7 HACKENSACK.....	46	873	44	21	52	18	738	527	206	5	878	627	245	4	2	1,021	
8 HARRISON.....	54	7,339	33	126	568	112	6,500	4,471	1,975	54	7,059	4,856	2,145	46	12	8,021	
9 IRVINGTON.....	51	656	40	40	29	7	540	436	76	28	617	498	87	18	14	967	
10 KEARNY.....	18	3,111	14	62	205	10	2,820	2,495	295	30	2,817	2,492	295	15	15	5,879	
11 LONG BRANCH.....	34	562	36	20	35	56	415	260	153	2	411	257	152	2	.....	922	
12 MILLVILLE.....	39	3,144	37	39	241	66	2,761	2,206	411	144	3,400	2,718	505	156	21	3,681	
13 MONTCLAIR.....	23	321	17	15	28	9	252	219	32	1	304	264	39	1	.....	1,245	
14 MORRISTOWN.....	31	278	32	23	16	6	201	177	22	2	225	198	25	2	.....	766	
15 NEW BRUNSWICK.....	93	5,948	72	102	344	166	5,264	2,411	2,711	142	5,377	2,462	2,770	61	84	6,337	
16 ORANGE.....	85	5,054	65	120	395	91	4,383	3,572	745	66	5,617	4,580	953	31	53	5,962	
17 PERTH AMBOY.....	80	6,595	55	155	431	88	5,866	4,364	1,355	147	6,344	4,721	1,462	57	104	22,314	
18 PHILLIPSBURG.....	39	3,753	27	107	153	29	3,432	2,718	649	65	3,751	2,971	710	27	43	7,061	
19 PLAINFIELD.....	60	2,027	55	67	121	26	1,758	1,454	292	12	1,976	1,635	327	10	4	3,912	
20 UNION.....	83	3,155	83	99	65	14	2,894	1,340	1,438	116	2,842	1,315	1,414	41	72	3,034	
21 WEST HOBOKEN.....	137	3,179	154	22	196	25	2,782	1,127	1,541	114	2,938	1,190	1,629	28	91	1,477	
22 WEST NEW YORK.....	66	1,779	70	27	161	13	1,508	770	694	44	1,708	873	785	23	27	1,443	
23 WEST ORANGE.....	10	530	8	14	31	1	476	429	47	.....	698	629	69	.....	.....	1,032	

STATISTICS OF MANUFACTURES.

TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909—Continued.

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

	Capital.	EXPENSES.									Value of products.	Value added by manufacture.	
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.			Other.
1	\$536,553	\$539,492	\$15,792	\$14,584	\$174,881	\$9,870	\$284,594	\$3,807	\$4,537	-----	\$31,397	\$602,194	\$307,730
2	4,241,805	1,977,401	53,839	56,584	480,413	174,322	961,284	23,169	44,327	\$1,861	181,602	2,259,616	1,124,010
3	7,768,644	5,485,678	182,615	408,175	1,300,533	124,187	2,176,586	11,037	27,365	150	1,255,030	5,894,710	3,593,937
4	3,301,750	3,677,563	106,982	99,889	1,163,297	146,507	1,850,912	6,653	16,818	-----	286,505	4,070,508	2,073,089
5	3,849,230	3,296,385	75,940	188,483	857,979	41,728	1,725,872	9,369	11,468	7,219	378,327	3,724,879	1,957,270
6	8,005,510	7,612,011	120,178	85,039	1,080,245	113,186	5,862,322	2,814	18,808	13,120	316,299	8,893,710	2,918,202
7	1,845,897	1,787,311	53,636	64,868	360,170	26,093	873,247	4,774	5,208	108,942	290,373	1,977,966	1,078,626
8	20,602,053	11,241,701	359,906	565,228	3,672,161	340,623	5,072,850	23,900	188,574	9,952	1,008,507	13,142,377	7,728,904
9	1,405,795	2,806,290	74,375	28,281	277,873	39,409	2,303,592	10,543	4,765	17,407	50,045	3,017,824	674,823
10	6,551,151	7,415,452	65,782	203,350	1,540,345	158,797	5,104,265	2,468	40,391	85	299,969	8,306,276	3,043,214
11	2,362,055	939,960	33,785	40,774	225,408	85,660	498,682	2,697	11,704	-----	41,250	1,116,663	532,321
12	3,577,894	3,823,920	146,809	221,045	1,424,231	228,028	1,371,149	3,806	34,398	70,510	323,884	4,181,824	2,582,647
13	1,104,570	982,042	17,306	26,405	138,761	11,738	656,841	29,056	3,844	2,900	95,191	1,025,585	357,006
14	947,532	594,755	26,660	12,107	130,182	28,598	340,075	7,070	4,444	309	45,310	724,233	355,560
15	11,188,972	8,657,819	327,978	451,588	2,020,439	115,826	4,432,939	37,951	232,246	5,890	1,032,962	10,004,802	5,456,037
16	11,147,977	8,362,617	301,640	470,642	2,462,908	135,480	3,552,952	26,911	92,173	23,945	1,295,966	9,175,910	5,487,478
17	25,100,426	69,109,510	496,431	489,570	2,679,329	713,633	63,218,421	24,304	204,401	34,960	1,248,401	73,092,703	9,160,649
18	9,763,750	7,664,870	185,066	177,059	1,731,531	543,018	4,226,646	1,466	30,035	3,780	766,269	9,150,227	4,380,563
19	6,508,056	3,058,155	143,859	136,698	908,274	67,431	1,462,904	40,758	19,757	3,600	214,874	3,648,745	2,118,410
20	10,910,251	6,827,482	141,664	88,005	1,410,816	109,692	3,428,893	25,653	242,288	133,402	1,247,069	7,941,047	4,402,462
21	4,861,242	4,860,311	63,520	204,410	1,424,927	55,744	2,432,281	44,641	132,095	228,490	274,203	5,577,439	3,089,414
22	4,162,662	8,953,573	81,294	155,294	729,238	80,277	7,328,432	42,401	22,808	253,948	259,881	9,273,717	1,865,008
23	1,994,486	818,150	25,799	18,471	285,454	25,531	373,514	10,104	2,980	-----	76,297	747,684	348,039

## CHAPTER 5.

### MINES AND QUARRIES.

**Introduction.**—The present chapter contains a complete statement of the statistics of all mining industries, which include all mines and quarries in the state of New Jersey for the year 1909, as shown by the Thirteenth Census.

A brief explanation of the scope of the census of mining industries and of the terms used, in so far as the usage differs from that followed in the census of manufactures, is presented below in order to prevent any misinterpretation of the statistics.

The explanations here given show the usage of the mining census generally, though some of the special rules have obviously no relation to particular states in which the industries referred to do not exist.

**Scope of census.**—The Thirteenth Census covered all classes of mines, quarries, and petroleum and gas wells that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually.

Where the mineral products are not marketed in their crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

**Number of operators.**—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management or for which one set of books of account was kept. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry.

**Number of mines, quarries, and wells.**—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators.

**Expenses of operation and development.**—A certain amount of development work is incidental to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

**Wages.**—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system.

**Supplies and materials.**—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks and repairs; renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown separately in the general table.

**Capital.**—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the figures reported apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

**Persons engaged in mining industries.**—The statistics of the number of operators and officials, clerks, and wage earners are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

**Value of products.**—Statistics of the value of mineral products were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for a mining industry often includes the value of some products not covered by the industry designation. The crude product of metalliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year.

## MINING IN NEW JERSEY.

**Summary.**—Statistics for all producing mining enterprises in the state of New Jersey are presented in Table 7, which gives statistics for all industries combined and for iron and clay mines and traprock, sandstone, limestone, and granite quarries separately. For the most important industry, lead and zinc mining, and for a number of minor industries, separate statistics can not be presented without revealing the operations of individual enterprises. For the same reason statistics for one operator engaged in development work only can not be presented.

The total value of the products of mines and quarries in 1909, as reported by the 131 operators, was \$8,347,501. The most important industries for which separate statistics can be given were iron-ore mining, traprock quarrying, and clay mining. The statistics given for clay mining include only the enterprises engaged in mining and marketing the crude clay. Enterprises which subject any part of the crude material to manufacturing processes before marketing have been included in the census of manufactures but omitted from the census of mines and quarries.

**Character of organization.**—Table 1 classifies the producing mining operations of the state under form of organization, distinguishing corporations from individual owners and firms, while Table 2 gives further details for incorporated enterprises distinguished from those which are unincorporated. Out of a total of 131 operators in all industries, 62, or 47.3 per cent, were corporations. These corporations reported 87.4 per cent of the total value of products and employed 78.8 per cent of all wage earners. In the iron-mining industry all enterprises were operated by corporations.

INDUSTRY AND CHARACTER OF ORGANIZATION.	Number of operators.		Value of products.		Per cent distribution.		
	Number of operators.	Number of wage earners.	Total.	Per operator.	Operators.	Wage earners.	Value of products.
<b>All industries</b> .....	131	6,801	\$8,347,501	\$63,721	100.0	100.0	100.0
Individual.....	49	1,049	803,189	16,392	37.4	15.4	9.6
Firm.....	20	394	246,725	12,336	15.3	5.8	3.0
Corporation.....	62	5,358	7,297,587	117,703	47.3	78.8	87.4
<b>Iron</b> .....	8	2,095	1,651,091	208,386	100.0	100.0	100.0
Corporation.....	8	2,095	1,651,091	208,386	100.0	100.0	100.0
<b>Traprock</b> .....	55	1,608	1,166,345	21,206	100.0	100.0	100.0
Individual.....	17	381	278,112	16,360	30.9	23.7	23.8
Firm.....	10	229	119,202	11,926	18.2	14.2	10.2
Corporation.....	28	998	768,971	27,463	50.9	62.1	65.9

	Incorporated.	Unincorporated.
Number of operators.....	62	69
Number of mines and quarries.....	72	79
Proprietors and firm members, total.....		96
Number performing manual labor.....		14
Salaried employees:		
Officers of corporations.....	41	
Superintendents and managers.....	59	31
Clerks and other salaried employees.....	127	21
Wage earners, Dec. 15, 1909, or nearest representative day.....	5,358	1,443
Capital.....	\$7,882,934	\$730,729
Expenses of operation and development.....	3,703,485	804,455
Salaries—		
Officers of corporations.....	59,260	
Superintendents and managers.....	98,859	25,571
Clerks and other salaried employees.....	67,533	11,958
Wages.....	2,268,030	533,036
Royalties and rent of mines.....	84,893	16,133
Taxes.....	41,896	5,458
Supplies and miscellaneous expenses.....	1,083,014	212,299
Value of products.....	7,297,587	1,049,914

**Size of enterprises.**—In Table 3 the producing mining industries of the state are classified according to the number of wage earners employed per enterprise or operating unit. Of the 6,801 wage earners employed in all enterprises, 3,772, or 55.5 per cent, were employed in the 10 enterprises employing over 100 wage earners each.

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	PRODUCING ENTERPRISES: 1909			
	Enterprises.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
<b>All industries</b> .....	132	100.0	6,801	100.0
Contract work.....	1	0.8		
1 to 5.....	12	9.1	38	0.6
6 to 20.....	59	44.7	744	10.9
21 to 50.....	37	28.0	1,245	18.3
51 to 100.....	13	9.8	1,002	14.7
Over 100.....	10	7.6	3,772	55.5
<b>Iron</b> .....	9	100.0	2,095	100.0
6 to 100.....	4	44.4	195	9.3
Over 100.....	5	55.6	1,900	90.7
<b>Traprock</b> .....	55	100.0	1,608	100.0
1 to 20.....	30	54.5	391	24.3
21 to 50.....	17	30.9	583	36.3
Over 50.....	8	14.5	634	39.4

**Prevailing hours of labor.**—In Table 4 all producing mines and quarries, except one enterprise operated exclusively by contract work, and one which failed to report hours of labor, have been classified according to the prevailing hours of labor per day in each enterprise or operating unit. The table shows the percentage of the total number of enterprises falling in each group,

and also a per cent distribution in which each enterprise has been given a weight according to the total number of wage earners employed December 15, 1909, or the nearest representative day. It should be borne in mind that this latter distribution does not show the exact proportion of the total number of wage earners working the specified number of hours per day, since, in some cases, a part of the employees worked a greater or less number of hours than those generally prevailing in the enterprise. For all industries combined a day of 10 hours prevailed in 71.5 per cent of all enterprises weighted according to the number of wage earners employed.

INDUSTRY AND HOURS PER DAY.	PRODUCING ENTERPRISES: 1909		
	Enterprises.		Per cent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent distribution.	
<b>All industries</b> .....	<b>130</b>	<b>100.0</b>	<b>100.0</b>
8 hours.....	6	4.6	13.6
9 hours.....	20	15.4	5.8
10 hours.....	102	78.5	71.5
11 hours.....	2	1.5	9.1
<b>Iron</b> .....	<b>9</b>	<b>100.0</b>	<b>100.0</b>
8 hours.....	1	11.1	39.5
9 hours.....	2	22.2	6.4
10 hours.....	4	44.4	24.5
11 hours.....	2	22.2	29.5
<b>Traprock</b> .....	<b>55</b>	<b>100.0</b>	<b>100.0</b>
8 hours.....	2	3.6	2.1
9 hours.....	6	10.9	7.5
10 hours.....	47	85.5	90.4

<sup>1</sup> Exclusive of 1 granite quarry, for which number of hours was not reported.

**Duplication between manufactures and mining.**—In the production of granite, sandstone, slate, traprock, and talc and soapstone, some of the operators subjected the products obtained to certain manufacturing processes on the premises before marketing. These enterprises have been included in the statistics both for manufactures and for mining. As a result of this fact the combined value of products for the manufacturing and mining industries in New Jersey involves a duplication of \$205,085.

**Engines and power.**—As shown by Table 5, the aggregate horsepower employed in the producing enterprises was 18,048, of which 17,818 was developed by engines and water wheels owned by the enterprises using them and 230 horsepower by electric motors operated by purchased current.

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909				
	Total.	Iron.	Trap-rock.	Clay (sold as such).	All other.
<b>Primary power:</b>					
<b>Aggregate horsepower</b> .....	<b>18,048</b>	<b>6,585</b>	<b>5,348</b>	<b>1,516</b>	<b>4,599</b>
<b>Owned</b> .....	<b>17,818</b>	<b>6,585</b>	<b>5,218</b>	<b>1,516</b>	<b>4,499</b>
<b>Steam engines—</b>					
Number.....	254	82	78	32	62
Horsepower.....	17,585	6,585	5,141	1,475	4,384
<b>Gas or gasoline engines—</b>					
Number.....	10		3	5	2
Horsepower.....	193		77	41	75
<b>Water wheels—</b>					
Number.....	1				1
Horsepower.....	40				40
<b>Electric motors operated by purchased current—</b>					
Number.....	5		4		1
Horsepower.....	230		130		100
<b>Electric motors run by current generated by enterprise using:</b>					
Number.....	58	10			48
Horsepower.....	2,955	525			2,430

**Comparison of mining industries: 1902–1909.**—In order to make comparisons between 1909 and 1902 it is necessary to omit from the 1902 figures, as given in the mines and quarries report for that year, statistics for the production of cement, and to add to the 1909 statistics, figures for the production of lime, which were omitted from the census of mines and quarries in 1909. Such items as are comparable for the two years are presented in Table 6.

	PRODUCING ENTERPRISES.		
	1909	1902	Per cent of increase. <sup>1</sup>
Wages and salaries.....	\$3,155,929	\$2,277,662	38.0
Supplies and materials.....	\$1,067,226	\$892,030	19.0
Royalties and rent of mines.....	\$101,523	\$110,103	—7.8
Contract work.....	\$40,799	\$10,770	278.8
Value of products.....	\$8,548,858	\$4,042,047	111.5
Primary horsepower.....	18,390	13,008	41.4

<sup>1</sup> A minus sign (—) denotes decrease.  
<sup>2</sup> Exclusive of amount paid to miners compensated by a share of the product which is included under "Contract work," in Table 7.



## DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 7

	PRODUCING MINES AND QUARRIES.							All other. <sup>1</sup>
	Total.	Iron.	Traprock.	Sandstone.	Limestone.	Granite.	Clay (sold as such).	
Number of operators.....	131	8	55	15	6	6	31	10
Number of mines and quarries.....	151	10	58	16	6	6	45	10
Capital.....	\$8,613,663	\$3,612,024	\$870,955	\$176,285	\$73,489	\$31,479	\$1,435,000	\$2,190,649
<b>Expenses of operation and development.....</b>	<b>\$4,507,940</b>	<b>\$1,321,915</b>	<b>\$1,048,945</b>	<b>\$143,458</b>	<b>\$163,877</b>	<b>\$52,371</b>	<b>\$568,281</b>	<b>\$1,206,083</b>
Services—								
Salaried officers of corporations, superintendents, and managers.....	\$183,690	\$49,798	\$40,612	\$6,236	\$6,688	\$958	\$43,566	\$32,832
Clerks and other salaried employees.....	\$79,491	\$16,261	\$17,834	\$2,304	\$1,782	\$269	\$15,365	\$10,266
Wage earners.....	\$2,801,066	\$840,967	\$591,476	\$93,291	\$115,384	\$39,343	\$345,841	\$774,704
Miscellaneous—								
Supplies.....	\$674,962	\$199,707	\$156,565	\$17,973	\$25,902	\$8,491	\$69,869	\$196,455
Fuel and rent of power.....	\$319,329	\$168,368	\$54,700	\$4,704	\$2,037	\$2,161	\$6,619	\$80,740
Royalties and rent of mines.....	\$101,026	\$7,091	\$36,830	\$1,900	\$6,109	\$120	\$15,751	\$33,225
Taxes.....	\$47,354	\$7,350	\$5,172	\$1,237	\$189	\$34	\$6,100	\$27,047
Contract work.....	\$44,489		\$29,550	\$820			\$14,119	
Rent of offices and other sundry expenses.....	\$256,533	\$32,383	\$116,206	\$14,993	\$5,786	\$995	\$51,051	\$47,704
<b>Value of products.....</b>	<b>\$8,347,503</b>	<b>\$1,651,091</b>	<b>\$1,166,345</b>	<b>\$187,272</b>	<b>\$180,604</b>	<b>\$60,174</b>	<b>\$750,303</b>	<b>\$4,351,712</b>
<b>Persons engaged in industry.....</b>	<b>47,176</b>	<b>2,148</b>	<b>1,722</b>	<b>240</b>	<b>451</b>	<b>122</b>	<b>988</b>	<b>1,497</b>
Proprietors and officials.....	427	23	82	27	9	7	61	16
Proprietors and firm members.....	14		40	21	3	6	22	4
Number performing manual labor.....	41	6	6	2		2		
Salaried officers of corporations.....	30	17	13	3	1		13	3
Superintendents and managers.....	148	6	29	3	5	1	26	9
Clerks and other salaried employees.....	30	16	32	5	5	1	27	42
Wage earners, Dec. 15, 1909, or nearest representative day.....	6,801	2,095	1,608	208	437	114	900	1,439
Above ground.....	4,440	553	1,608	208	437	114	900	620
Below ground.....	2,361	1,542						819
Men 16 years of age and over.....	6,795	2,095	1,605	208	437	114	899	1,437
Engineers, firemen, mechanics, etc.....	641	302	123	14	26	10	44	122
Above ground.....	533	249	123	14	26	10	44	117
Below ground.....	58	53						5
Miners, miners' helpers, quarrymen, and stonecutters.....	3,810	1,134	598	169	219	27	683	980
Above ground.....	1,867	598	598	169	219	27	683	171
Below ground.....	1,943	1,134						809
All other employees.....	2,344	659	884	25	192	77	172	335
Above ground.....	1,984	304	884	25	192	77	172	330
Below ground.....	360	355						5
Boys under 16 years of age (all above ground).....	6		3				1	2
<b>Number of wage earners employed on the 15th day of each month:</b>								
January.....	5,349	2,017	574	111	331	10	713	1,593
February.....	5,457	2,057	577	113	308	10	725	1,607
March.....	5,687	1,980	767	137	283	4	832	1,604
April.....	6,083	1,794	1,196	173	244	105	893	1,678
May.....	6,404	1,749	1,418	202	267	143	885	1,740
June.....	6,524	1,780	1,491	209	301	133	889	1,721
July.....	6,717	1,840	1,639	212	321	140	933	1,632
August.....	6,795	1,818	1,681	211	302	127	971	1,685
September.....	6,875	2,014	1,771	210	306	112	955	1,510
October.....	7,055	2,130	1,742	206	391	115	930	1,541
November.....	6,646	2,111	1,471	198	416	97	898	1,455
December.....	6,208	2,095	1,199	173	439	10	862	1,430
<b>Land controlled, acres.....</b>	<b>26,809</b>	<b>13,668</b>	<b>1,449</b>	<b>247</b>	<b>662</b>	<b>156</b>	<b>7,855</b>	<b>2,772</b>
Owned.....	14,329	5,169	845	244	109	91	5,809	2,062
Held under lease.....	12,480	8,499	604	3	553	65	2,046	710
Mineral land.....	23,780	12,968	1,384	118	202	156	6,580	2,372
Owned.....	11,740	4,469	780	115	89	91	4,534	1,662
Held under lease.....	12,040	8,499	604	3	113	65	2,046	710
Timber land.....	700	660					40	
Other land.....	2,329	40	65	129	460		1,235	400
<b>Primary horsepower.....</b>	<b>18,048</b>	<b>6,585</b>	<b>5,348</b>	<b>694</b>	<b>565</b>	<b>215</b>	<b>1,516</b>	<b>3,125</b>

<sup>1</sup> Includes operators as follows: Bluestone, 2; lead and zinc, 1; marl, 1; mineral pigments, 1; peat, 2; slate, 2; talc and soapstone, 1.

<sup>2</sup> Includes \$214,782 which could not be distributed among the several industries.

<sup>3</sup> In some cases the same operator conducted two or more enterprises producing different kinds of products, all enterprises being managed through one central administrative office. The total office expenses were accordingly apportioned among the several industries in proportion to the total expenses of each and the estimated amounts of such administrative expenses were added to "Sundry expenses" for each industry. In the totals for all enterprises, however, the expenses appear under the proper headings. The amounts included in "Rent of offices and other sundry expenses" for individual industries and properly distributed in the total for all industries are as follows: Salaried officers of corporations, superintendents, and managers, \$3,000; clerks and other salaried employees, \$9,420; and taxes, \$225.

<sup>4</sup> The following numbers of persons, which could not be distributed among the several industries, are included under the proper headings in the totals for all enterprises: Aggregate, 8; salaried officers of corporations, 2; and clerks and other salaried employees, 6.