

DEPARTMENT OF COMMERCE AND LABOR  
BUREAU OF THE CENSUS

E. DANA DURAND, DIRECTOR

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THIRTEENTH CENSUS OF THE UNITED STATES  
TAKEN IN THE YEAR 1910

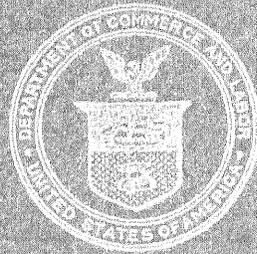
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# STATISTICS FOR WISCONSIN

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 WISCONSIN 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 WISCONSIN



POPULATION  
AGRICULTURE  
MANUFACTURES  
MINES AND QUARRIES

# CHAPTER I.

## NUMBER OF INHABITANTS.

**Introduction.**—This chapter gives the population of Wisconsin, 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 Wisconsin, distributed according to counties and minor civil divisions, at the last three Federal 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 two secondary divisions 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. In the majority of cases this is due to the territorial changes that have been made in the minor civil divisions within certain counties since 1890, although in the case of some counties it is explained by the formation of new counties from their territory or by the transfer of part of their territory to other counties since 1890. In some instances, moreover, divisions which were returned independently at one census were at another census returned as secondary divisions or in combination with other divisions. One county was not returned by towns in 1890.

Table 2 (p. 589) shows the cities and incorporated villages in Wisconsin, alphabetically arranged, with their population in 1910, 1900, and 1890.

**HISTORICAL NOTE.**—Wisconsin was named from its principal river. The significance of the word, which is of Indian origin, is not positively known, but among the meanings given are "wild, rushing river," "gathering of the waters," and "great stone or rocks."

The first explorers of the region now constituting Wisconsin were the French. In 1634 Jean Nicolet, sent out by the governor of New France to promote trade with the Indians, landed where the city of Green Bay now stands, and ascended the Fox River to a point about 20 miles west of Lake Winnebago. Twenty years later two fur traders, Radisson and Groseilliers, ascended the Fox and may have descended the Wisconsin to its junction with the Mississippi. In 1669 a mission was established on the Fox River a few miles above its mouth, and about this mission grew up the town of Depere, the first permanent settlement within the present limits of Wisconsin.

In 1763, at the close of the French and Indian War, the French possessions east of the Mississippi were ceded to England. At the close of the Revolution the territory northwest of the Ohio and east of the Mississippi was ceded by Great Britain to the United States. The former country, however, did not at once relinquish its hold,

The population of Wisconsin, by counties, at each of the last five Federal 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 Federal 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 rural at the preceding census, it is necessary to classify the terri-

and, although its outposts in that region were evacuated in the summer of 1796, it was not until the close of the war of 1812 that it ceased to exercise some degree of control in the territory between Lake Michigan and the Mississippi.

In 1787 the region bounded by Pennsylvania, the Ohio River, the Mississippi River, and the Great Lakes was organized as the Northwest Territory, the claims of Massachusetts, Connecticut, and Virginia, based on their early charters, having been ceded to the United States between 1781 and 1786. In 1800 the present area of Wisconsin was included in the newly organized territory of Indiana; in 1809 it was made a part of Illinois territory; and in 1818, when Illinois became a state, it was added to Michigan territory.

Wisconsin was organized as a separate territory in 1836. At this time it included, in addition to the area of the present state, the region now constituting Minnesota, Iowa, and those portions of North and South Dakota lying east of the Missouri and White Earth Rivers. In 1838 that part of Wisconsin territory situated west of the Mississippi River and a line drawn north from its source to the Canadian boundary was organized as the territory of Iowa. In May, 1848, Wisconsin, with boundaries as at present, became a state of the Union.

tory 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 Federal censuses.

### TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

**Population of the state.**—The population of Wisconsin is 2,333,860. Compared with a population of 2,069,042 in 1900, this represents an increase during the last decade of 264,818, or 12.8 per cent. During the same period the total population of the United States increased 21 per cent.

The following table shows the population of Wisconsin at each Federal census from 1840 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.

GENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	2,333,860	264,818	12.8	21.0
1900.....	2,069,042	375,712	22.2	20.7
1890.....	<sup>1</sup> 1,693,330	377,833	28.7	25.5
1880.....	1,315,497	260,827	24.7	30.1
1870.....	1,054,670	278,789	35.9	22.6
1860.....	775,881	470,490	154.1	35.6
1850.....	305,391	274,446	886.9	35.9
1840.....	30,945			

<sup>1</sup> Includes population (6,450) of Indian reservations specially enumerated.

Wisconsin was organized as a territory in 1836 and appears in the Federal census reports for the first time in 1840. During the 20 years from 1840 to 1860 the population increased very rapidly, multiplying almost ten times during the first 10 years of this period and more than doubling during the second 10 years. During the 50 years since 1860 the population of the state has shown a substantial increase at each census, though at a much slower rate than during the preceding 20-year period, and, with one exception, at a steadily decreasing rate. The percentage of increase fell below 20 only during the last decade.

A comparison of the rates of increase for the state with those for the United States, as given in the preceding table, shows that there have been only two decades in which the rate of increase for the state has been below that for the country as a whole, namely, 1900-1910 and 1870-1880. Since 1860, however, the differences between the two rates have not been exceptionally large, the greatest difference being that for the decade 1860-1870 and the smallest difference that for the decade 1890-1900. During this 50-year period the population of the United States increased a little less than three times, while that of the state increased a little more than three times. During the preceding 20 years, 1840-1860, the state increased in population far more rapidly than the United States,

the population of the state increasing more than twenty-five times, while that of the country as a whole nearly doubled.

**Principal cities.**—Wisconsin has 124 cities. Milwaukee, the largest, has a population of 373,857, and Superior, the second city, a population of 40,384. Besides Superior there are 6 cities having from 25,000 to 50,000 inhabitants. There are also 10 cities having from 10,000 to 25,000, 18 having from 5,000 to 10,000, 37 having from 2,500 to 5,000, and 51 having less than 2,500 inhabitants. The aggregate population of the 124 cities is 1,083,708, or 46.4 per cent of the total population of the state.

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 page 569 shows the population of the 8 cities having in 1910 over 25,000 inhabitants, as reported at each Federal census since their incorporation either as cities or villages, so far as figures are available, together with the increase during each decade.

Of the cities included in this table, Green Bay shows the highest percentage of increase during the last decade, namely, 35.1 per cent, and La Crosse the lowest, 5.3 per cent. The rates of increase for all of the cities have been lower during the last decade than during the preceding decade.

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Per cent.			Number.	Per cent.
<b>Green Bay:</b>				<b>Oshkosh:</b>			
1910.....	25,236	6,552	35.1	1910.....	33,062	4,778	16.9
1900.....	18,684	9,615	106.0	1900.....	28,284	5,448	23.9
1890.....	9,069	1,605	21.5	1890.....	22,836	7,088	45.0
1880.....	7,464	2,798	60.0	1880.....	15,748	3,085	24.4
1870.....	4,666	2,391	105.1	1870.....	12,663	6,577	108.1
1860.....	2,275			1860.....	6,086		
<b>La Crosse:</b>				<b>Racine:</b>			
1910.....	30,417	1,522	5.3	1910.....	38,002	8,000	30.6
1900.....	28,895	3,805	15.2	1900.....	29,102	8,088	38.5
1890.....	25,090	10,585	73.0	1890.....	21,014	4,083	31.1
1880.....	14,505	6,720	86.3	1880.....	16,031	6,151	62.3
1870.....	7,785	3,925	101.7	1870.....	9,880	2,068	26.3
1860.....	3,800			1860.....	7,822	2,715	53.2
<b>Madison:</b>				<b>Sheboygan:</b>			
1910.....	25,531	6,367	33.2	1910.....	26,398	3,436	15.0
1900.....	19,164	5,738	42.7	1900.....	22,962	6,603	40.4
1890.....	13,426	3,102	30.0	1890.....	16,359	9,045	123.7
1880.....	10,324	1,148	12.5	1880.....	7,310	2,004	37.7
1870.....	9,176	2,565	38.8	1870.....	5,310	1,048	24.6
1860.....	6,611	5,086	333.5	1860.....	4,262		
<b>Milwaukee:</b>				<b>Superior:</b>			
1910.....	373,867	88,542	31.0	1910.....	40,384	9,293	29.9
1900.....	285,315	80,847	39.5	1900.....	31,091	19,108	169.5
1890.....	204,468	88,881	76.9	1890.....	11,983		
1880.....	115,587	44,147	61.8				
1870.....	71,440	29,104	57.0				
1860.....	45,240	25,185	125.5				
1850.....	20,061	18,349	1,071.8				
1840.....	1,712						

The relative growth of the population of Milwaukee during the last decade, 31 per cent, has been slower than during any preceding decade. The absolute increase, however, was greater than during any previous decade, with one exception. The percentages of increase for the preceding decades ranged from 39.5 per cent for the decade 1890-1900 to 1,071.8 per cent for the decade 1840-1850.

**Counties.**—Wisconsin has 71 counties. The population of these counties ranges from 3,381 in Florence County to 433,187 in Milwaukee County.

The following territorial changes have been made in the counties of Wisconsin since 1900: The formation of Gates County in 1901 from Big Bend, Dewey, Flambeau, Lawrence, and Strickland towns in Chippewa County, the name of this new county being changed to Rusk in 1905; the addition of part of Vilas County to Oneida County in 1901; and the addition of part of Forest County to Vilas County in 1905.

Owing to the organization since 1900 of one new county from part of another county, as shown above, the comparison of increase or decrease in population is made for only 69 counties and one combination of counties, the counties combined being Chippewa and Rusk. In order to determine the actual rate of increase for these latter counties, it is necessary to add the population of the new county to that of the old county from which it was formed. Fifty counties and the one combination of counties increased in population during the last decade. The rates of increase for the 50 counties that show increases range from less than one-tenth of 1 per cent in Columbia County to 385.8 per cent in Forest County, and the absolute increases of the same group of counties range from 8 in

Columbia County to 103,170 in Milwaukee County. The population of the one combination of counties increased 10,226, or 31 per cent. Nineteen counties decreased in population during the last decade, the rates of decrease ranging from four-tenths of 1 per cent in Sauk County to 7.8 per cent in Pierce County, and the absolute decreases from 137 in Sauk County to 1,864 in Pierce County. The aggregate increase of population from 1900 to 1910 in the one combination of counties and in the 50 counties that show increases is 277,080; the aggregate decrease in the 19 counties that show decreases is 12,262. The difference, 264,818, is, of course, the total increase of population in the state.

The maps on page 572 show the increase or decrease in the total and the rural population, respectively, of each county of Wisconsin 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 55,256 square miles. The average number of persons to the square mile in 1910 was 42.2; in 1900 and 1890 it was 37.4 and 30.6, respectively. The average number per square mile for the United States as a whole in 1910 was 30.9.

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 or more, but not excluding the land area of such places.

Marathon County, with 1,554 square miles, has the largest area, and Ozaukee County, with 233 square miles, has the smallest area. Milwaukee County,

containing Milwaukee city, has the highest density of any county, namely, 1,843.3 persons per square mile, while Sawyer County, with 4.7 persons per square mile, has the lowest density.

**Minor civil divisions.**—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." In Wisconsin the counties are divided into 1,558 primary divisions, comprising 1,183 towns, 124 cities, and 251 villages. There are also two secondary divisions in the state, comprising that number of villages. Besides these minor civil divisions there are six Indian reservations in the state.

These reservations, though independent of any county organization, are returned under the counties in which they are wholly or partly located.

**Urban and rural population compared.**—The following table presents the population of Wisconsin at the Federal censuses of 1910, 1900, and 1890, respectively, distributed among cities and incorporated villages 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.....		2,333,860		2,009,042		1,693,330	100.0	100.0	100.0
<b>Urban territory.....</b>	<b>73</b>	<b>1,004,320</b>	<b>61</b>	<b>790,213</b>	<b>48</b>	<b>562,286</b>	<b>43.0</b>	<b>38.2</b>	<b>33.2</b>
Cities of 100,000 inhabitants or more.....	1	373,857	1	285,315	1	204,468	16.0	13.8	12.1
Cities of 50,000 to 100,000 inhabitants.....									
Cities of 25,000 to 50,000 inhabitants.....	7	219,030	4	117,372	1	25,090	9.4	5.7	1.5
Cities of 10,000 to 25,000 inhabitants.....	10	160,061	13	107,158	10	149,285	6.9	9.5	8.8
Cities of 5,000 to 10,000 inhabitants.....	18	122,719	15	96,603	15	108,222	5.3	4.7	6.4
Cities of 2,500 to 5,000 inhabitants.....	37	128,653	28	93,675	21	75,221	5.5	4.5	4.4
<b>Rural territory.....</b>		<b>1,329,540</b>		<b>1,278,829</b>		<b>1,131,044</b>	<b>57.0</b>	<b>61.8</b>	<b>66.8</b>
Cities and villages of less than 2,500 inhabitants.....	304	238,251	200	179,339	161	146,395	10.2	8.7	8.6
Other rural territory.....		1,091,289		1,099,490		984,649	46.8	53.1	58.1

<sup>1</sup> Includes population (6,450) of Indian reservations specially enumerated.

As shown by the above table, the urban territory of the state in 1910—that is, the cities of 2,500 inhabitants or more—contained 1,004,320 inhabitants, or 43 per cent of the total population, while 1,329,540 inhabitants, or 57 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the cities then having 2,500 inhabitants or more—contained 790,213 inhabitants, or 38.2 per cent of the total population, while 1,278,829 inhabitants, or 61.8 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.

The proportion of the total population of the state residing in Milwaukee, the one city in the state having over 100,000 inhabitants, increased from 12.1 per cent in 1890 to 13.8 per cent in 1900 and 16 per cent in 1910. In 1890 there was only one city in the state having from 25,000 to 50,000 inhabitants, this city comprising only 1.5 per cent of the population of the state, while in 1910 there were seven cities within these population limits, these cities together comprising 9.4 per cent of the total population of the state. The proportion of the total population in the group made up of the cities having from 2,500 to 25,000 inhabitants decreased from 19.6 per cent in 1890 to 18.7 per cent in 1900, and 17.6 per cent in 1910.

The urban population of the state is contained in 73 cities, having a combined population of 1,004,320. The rural population is in 304 cities and villages of less than 2,500 inhabitants each and in the unincorporated territory. The 304 cities and villages of less than 2,500 inhabitants each have an aggregate population of 238,251, or 10.2 per cent of the total population of the state. These places comprise 69 having from 1,000 to 2,500 inhabitants each, with a combined population of 107,699; 133 having from 500 to 1,000 inhabitants each, with a combined population of 94,016; and 102 having less than 500 inhabitants each, with a combined population of 36,536. The population living in unincorporated territory represents 46.8 per cent of the total population of the state.

The above table further shows that in all incorporated places, including those of less than 2,500 inhabitants, there was in 1910 a population of 1,242,571, or 53.2 per cent of the population of the state. The population of all incorporated places, as they existed in 1900, was 969,552, or 46.9 per cent of the population of the state.

Table I of Chapter 2 shows that 33 counties and the one combination of counties had a larger proportion and 8 counties a smaller proportion of urban population in 1910 than in 1900, while for 1 county the proportion was the same. Four counties wholly rural in 1900 were partly urban in 1910 and 23 counties were wholly rural at both censuses.

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 in 1900 of the same places is then compared. Thus, as shown in the table in the next column, the total population in 1910 of those cities which at that time had 2,500 inhabitants or more was 1,004,320; in 1900 the total population of these same places (so far as separately reported) was 811,096. It may be noted that the latter figure exceeds the total population in 1900 of those cities which at that time had over 2,500 inhabitants each, 790,213 (see table on page 570), by 20,883. 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 having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the table in the next column, shows an increase of 23.8 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 5.7 per cent. Urban population thus increased nearly twice as rapidly as that of the state as a whole and a little more than four times as rapidly as that of rural territory. 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 are 29 counties in which the population living in rural territory decreased and 8 counties in which there was a decrease in the urban population, St. Croix and Iowa

being the only counties that decreased in population in both urban and rural districts.

In the following table the population for the state as a whole is distributed so as to show, for 1910 and 1900, the population of the city of Milwaukee, the combined population of the other cities having, in 1910, 25,000 inhabitants or more, the combined population of cities having from 2,500 to 25,000 inhabitants, and the population of the remainder of the state.

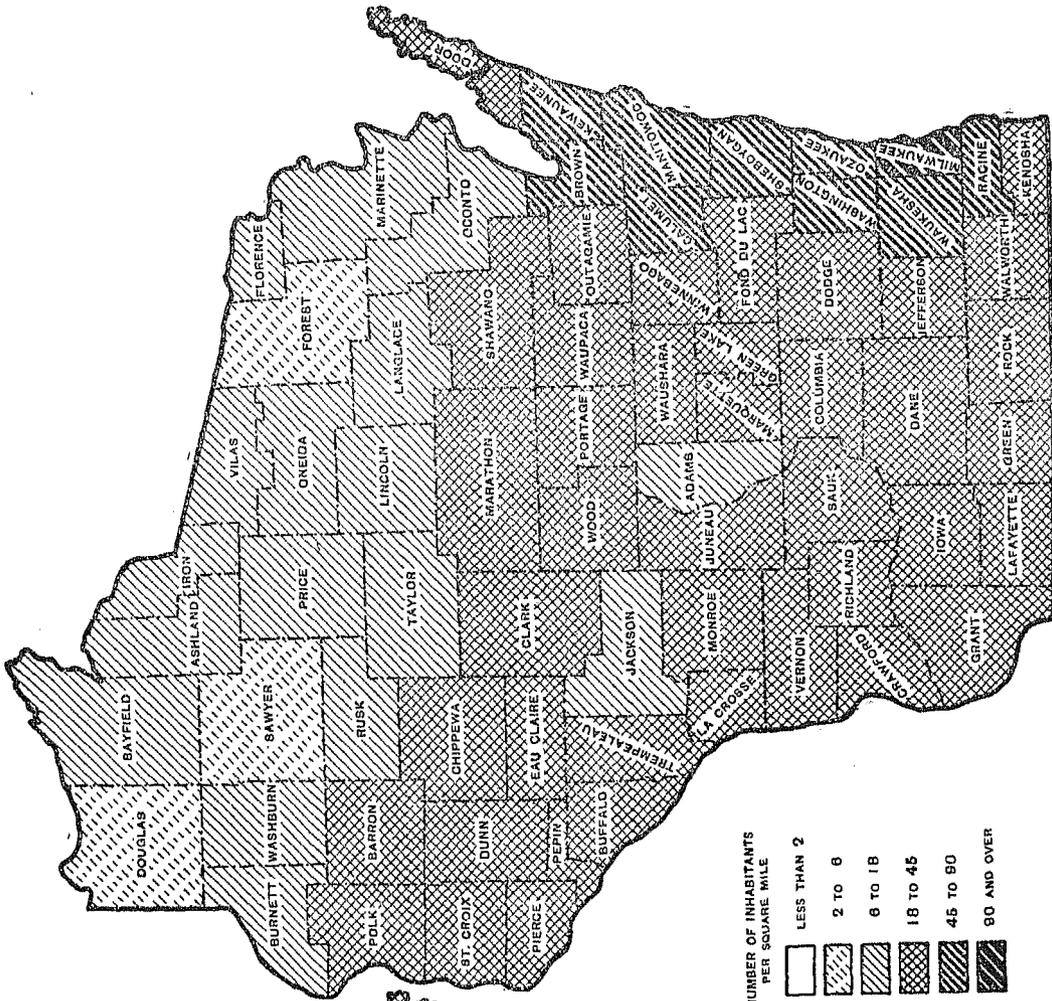
CLASS OF PLACES.	POPULATION.		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
The state.....	2,333,860	2,069,042	264,818	12.8
Urban territory in 1910.....	1,004,320	811,096	193,224	23.8
City of Milwaukee.....	373,857	285,315	88,542	31.0
Other cities of 25,000 inhabitants or more in 1910.....	219,030	178,182	40,848	22.9
Cities of 2,500 to 25,000 inhabitants in 1910.....	411,433	347,599	63,834	18.4
Remainder of the state.....	1,329,540	1,257,946	71,594	5.7

From this table it appears that the population of the city of Milwaukee increased during the last decade nearly two and one-half times as rapidly as the population of the state as a whole. The population of the group of other cities having 25,000 inhabitants or more increased a little more than one and three-fourths times as rapidly, and the population of the group of cities having from 2,500 to 25,000 inhabitants increased a little less than one and one-half times as rapidly as the population of the state, while the rate of increase for rural territory was less than one-half the rate for the state as a whole.

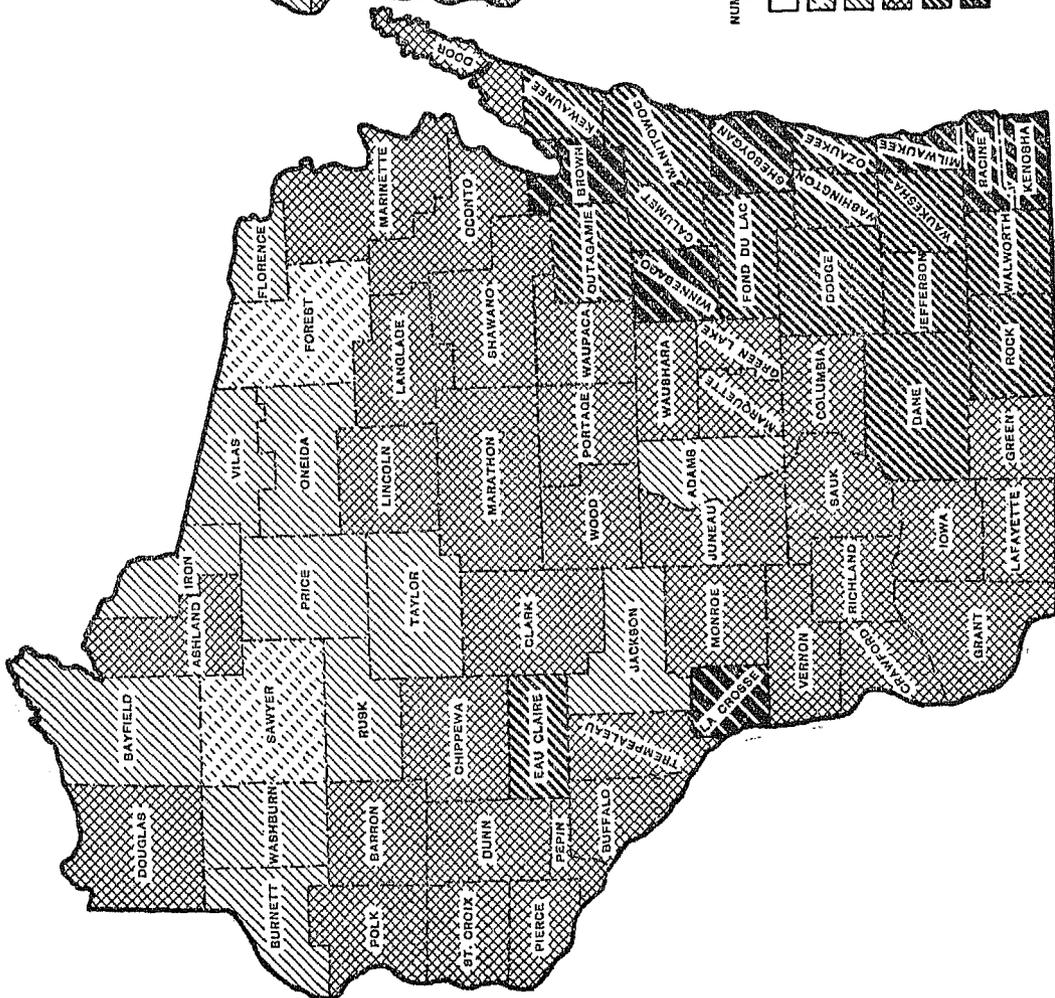
It also appears from this table that of the total increase in the population of the state during the decade, namely, 264,818, more than one-third was contributed by the city of Milwaukee.



DENSITY OF POPULATION OF WISCONSIN, BY COUNTIES: 1910.  
RURAL POPULATION.



TOTAL POPULATION.



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

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

[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>Adams County</b> .....	<b>8,604</b>	<b>9,141</b>	<b>6,889</b>	<b>Barron County—Continued.</b>			
Adams town <sup>1</sup> .....	389	588	488	Cumberland city.....	1,445	1,328	1,219
Big Plats town.....	386	550	322	Ward 1.....	398		
Colburn town.....	413	392		Ward 2.....	255		
Dell Prairie town.....	554	581	448	Ward 3.....	477		
Easton town.....	489	487	370	Ward 4.....	285		
Friendship village <sup>1</sup> .....	270			Cumberland town <sup>17</sup> .....	1,282	2,250	1,546
Jackson town.....	615	589	504	Dallas town <sup>18</sup> .....	1,182	1,279	1,033
Leola town.....	305	479	240	Dallas village <sup>18</sup> .....	342		
Lincoln town.....	543	470	440	Dovre town.....	1,016	941	
Monroe town.....	487	505	462	Doyle town <sup>14</sup> .....	522		
New Chester town.....	336	397	344	Lakeland town <sup>19</sup> .....	538		
New Haven town.....	611	693	746	Maple Grove town.....	1,670	1,512	976
Preston town.....	323	377	209	Maple Plain town <sup>20</sup> .....	332		
Quincy town.....	424	432	303	Oak Grove town <sup>15</sup> .....	984	1,088	608
Richfield town.....	424	417	335	Prairie Farm town <sup>21</sup> .....	786	1,428	1,047
Rome town.....	445	654	238	Prairie Farm village <sup>22</sup> .....	368		
Springville town.....	511	568	474	Rice Lake city.....	3,968	3,002	2,130
Strongs Prairie town.....	963	958	870	Ward 1.....	1,051		
				Ward 2.....	888		
				Ward 3.....	838		
				Ward 4.....	1,146		
				Rice Lake town.....	801	685	
				Stanford town.....	875	659	589
				Stanley town.....	842	738	748
				Summer town.....	565	508	365
				Turtle Lake town.....	1,009	695	874
				Turtle Lake village.....	442	320	
				Vance Creek town.....	786	566	314
<b>Ashland County</b> .....	<b>21,965</b>	<b>20,176</b>	<b>20,063</b>	<b>Bayfield County</b> .....	<b>15,987</b>	<b>14,392</b>	<b>7,990</b>
Agenda town <sup>3</sup> .....	616			Barksdale town <sup>23</sup> .....	303		
Ashland city.....	11,594	13,074	9,956	Barnes town <sup>24</sup> .....	183		
Ward 1.....	1,340			Bayfield town <sup>25</sup> .....	2,692	<sup>25</sup> 2,259	<sup>25</sup> 1,900
Ward 2.....	1,417			Bell town <sup>27</sup> .....	263		
Ward 3.....	1,294			Cable town <sup>28</sup> .....	501		
Ward 4.....	736			Clover town <sup>29</sup> .....	109		
Ward 5.....	1,002			Drummond town <sup>30</sup> .....	564	790	696
Ward 6.....	1,155			Eileen town <sup>31</sup> .....	437		
Ward 7.....	1,225			Hughes town <sup>32</sup> .....	221		
Ward 8.....	1,223			Iron River town <sup>33</sup> .....	1,690	2,439	
Ward 9.....	1,681			Lincoln town <sup>34</sup> .....	812		
Ward 10.....	1,165			Mason town <sup>34</sup> .....	1,229	1,210	1,095
Ashland town <sup>4</sup> .....	901	709	1,507	Oriente town <sup>35</sup> .....	84		
Butternut town <sup>6</sup> .....	555	1,680	1,210	Oulu town <sup>36</sup> .....	621		
Butternut village <sup>6</sup> .....	717			Pilsen town <sup>36</sup> .....	373		
Gordon town.....	330	231		Port Wing town <sup>37</sup> .....	506		
Jacobs town <sup>7</sup> .....	1,468	1,270	1,277	Pratt town <sup>34</sup> .....	539	482	
La Pointe town.....	193	292		Washburn city <sup>33</sup> .....	3,830		
Marengo town <sup>8</sup> .....	500			Ward 1.....	807		
Mellen city <sup>8</sup> .....	1,833			Ward 2.....	499		
Ward 1.....	684			Ward 3.....	578		
Ward 2.....	648			Ward 4.....	728		
Ward 3.....	601			Ward 5.....	536		
Morse town <sup>10</sup> .....	193	1,023		Ward 6.....	682		
Sanborn town <sup>11</sup> .....	325	1,270		Washburn town <sup>39</sup> .....	556	6,814	3,699
Shanagolden town <sup>7</sup> .....	239			Red Cliff Indian Reservation.....	378	398	
White River town <sup>11</sup> .....	519						
La Pointe Indian Reservation.....	1,082	627					
				<b>Brown County</b> .....	<b>54,098</b>	<b>46,359</b>	<b>49,164</b>
<b>Barron County</b> .....	<b>29,114</b>	<b>23,677</b>	<b>15,416</b>	Allouez town.....	1,232	720	363
Almena town.....	1,081	713		Ashwanbenon town.....	507	540	479
Arland town <sup>12</sup> .....	874			Bellevue town.....	832	804	838
Barron city.....	1,449	1,493	829	De Pere city.....	4,477	4,038	3,625
Ward 1.....	197			Ward 1.....	1,187		
Ward 2.....	685			Ward 2.....	1,144		
Ward 3.....	424			Ward 3.....	1,268		
Ward 4.....	243			Ward 4.....	828		
Barron town.....	915	864	400	De Pere town.....	891	893	969
Bear Lake town <sup>13</sup> .....	401						
Cameron village.....	562	394					
Cedar Lake town <sup>14</sup> .....	340	707	531				
Chetek city.....	829	531	406				
Ward 1.....	313						
Ward 2.....	516						
Chetek town.....	950	692	1,322				
Clinton town <sup>16</sup> .....	1,079	1,269	479				
Crystal Lake town <sup>16</sup> .....	819						

<sup>1</sup> Friendship village incorporated from part of Adams town in 1907.  
<sup>2</sup> County total includes population (6,113) of Knight and Vaughn towns, taken to form part of Iron County between 1890 and 1900.  
<sup>3</sup> Organized from part of Butternut town in 1904.  
<sup>4</sup> Parts taken to form Marengo town in 1908 and part of Mellen city in 1907; part of Morse town annexed in 1909.  
<sup>5</sup> Parts taken to form Butternut village in 1903 and Agenda town in 1904.  
<sup>6</sup> Incorporated from part of Butternut town in 1903.  
<sup>7</sup> Shanagolden town organized from part of Jacobs town in 1907.  
<sup>8</sup> Organized from part of Ashland town in 1908.  
<sup>9</sup> Incorporated from parts of Ashland and Morse towns in 1907.  
<sup>10</sup> Part taken to form part of Mellen city in 1907 and part annexed to Ashland town in 1909.  
<sup>11</sup> White River town organized from part of Sanborn town in 1910.  
<sup>12</sup> Organized from parts of Clinton and Prairie Farm towns in 1905.  
<sup>13</sup> Bear Lake town organized from part of Oak Grove town in 1901.  
<sup>14</sup> Doyle town organized from part of Cedar Lake town in 1904.  
<sup>15</sup> Part taken to form part of Arland town in 1905.  
<sup>16</sup> Organized from part of Cumberland town in 1902.  
<sup>17</sup> Parts taken to form Lakeland, Crystal Lake, and Maple Plain towns in 1901, 1902, and 1906, respectively.  
<sup>18</sup> Dallas village incorporated from part of Dallas town in 1902.  
<sup>19</sup> Organized from part of Cumberland town in 1901.  
<sup>20</sup> Organized from part of Cumberland town in 1906.  
<sup>21</sup> Parts taken to form Prairie Farm village in 1900 and part of Arland town in 1905.  
<sup>22</sup> Incorporated from part of Prairie Farm town in 1900.

<sup>23</sup> Organized from part of Washburn town in 1907.  
<sup>24</sup> Organized from parts of Drummond and Iron River towns in 1903.  
<sup>25</sup> Parts taken to form Bell town in 1903 and part of Port Wing town in 1901.  
<sup>26</sup> Includes population of Bayfield village in Bayfield town, returned separately in 1900 and 1900.  
<sup>27</sup> Organized from part of Bayfield town in 1903.  
<sup>28</sup> Organized from part of Drummond town in 1904.  
<sup>29</sup> Organized from part of Port Wing town in 1907.  
<sup>30</sup> Parts taken to form Cable town in 1904 and part of Barnes town in 1903.  
<sup>31</sup> Organized from part of Washburn town in 1904; part taken to form Pilsen town in 1909.  
<sup>32</sup> Organized from part of Iron River town in 1907.  
<sup>33</sup> Parts taken to form Oriente and Oulu towns in 1904, Hughes town in 1907, and parts of Port Wing and Barnes towns in 1901 and 1903, respectively.  
<sup>34</sup> Lincoln town organized from parts of Mason and Pratt towns in 1909.  
<sup>35</sup> Organized from part of Iron River town in 1904.  
<sup>36</sup> Organized from part of Eileen town in 1909.  
<sup>37</sup> Organized from parts of Bayfield and Iron River towns in 1901; part taken to form Clover town in 1907.  
<sup>38</sup> Incorporated from part of Washburn town in 1904.  
<sup>39</sup> Parts taken to form Eileen town and Washburn city in 1904 and Barksdale town in 1907.  
<sup>40</sup> County totals include population (695 in 1900; 723 in 1890) of that part of Oneida Indian Reservation in Brown County, taken to form Hobart town since 1900; and population (4,754 in 1890) of Fort Howard city, annexed to Green Bay city between 1890 and 1900.



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>Clark County—Continued.</b>				<b>Crawford County.....</b>			
Hoard town.....	654	525	310	Bell Center village <sup>11</sup> .....	216	.....	.....
Levis town <sup>1</sup> .....	605	740	329	Bridgeport town.....	306	357	410
Longwood town.....	630	422	.....	Clayton town <sup>12</sup> .....	1,641	2,080	<sup>13</sup> 2,050
Loyal town.....	859	695	979	De Soto village (part of).....	62	87	79
Loyal village.....	677	645	.....	<i>Total for De Soto village in Crawford and Vernon Counties.</i>			
Lynn town.....	733	711	453	Eastman town <sup>14</sup> .....	331	337	555
Mayville town <sup>2</sup> .....	1,212	1,581	1,450	Eastman village <sup>15</sup> .....	1,056	1,471	1,436
Mead town.....	192	103	.....	Freeman town.....	233	.....	.....
Mentor town.....	932	1,009	684	Gays Mills village <sup>16</sup> .....	1,477	1,533	1,417
Nellsville city.....	1,957	2,104	1,936	Haney town <sup>17</sup> .....	557	.....	.....
Ward 1.....	624	.....	.....	Lynxville village.....	716	868	738
Ward 2.....	519	.....	.....	Marlette town <sup>18</sup> .....	274	322	243
Ward 3.....	745	.....	.....	Marlette town <sup>19</sup> .....	876	1,262	1,300
Owen village <sup>3</sup> .....	1,043	1,130	886	Prairie du Chien city.....	3,149	3,232	3,131
Pine Valley town.....	808	615	.....	Ward 1.....	532	.....	.....
Reseburg town.....	203	.....	.....	Ward 2.....	1,103	.....	.....
Self town <sup>4</sup> .....	650	615	470	Ward 3.....	1,211	.....	.....
Sherman town.....	210	231	155	Ward 4.....	305	.....	.....
Sherwood town <sup>5</sup> .....	1,469	856	704	Prairie du Chien town.....	520	595	602
Thorp town.....	741	838	723	Scott town.....	797	1,004	1,079
Thorp village.....	855	855	722	Seneca town.....	1,115	1,200	1,197
Unity town <sup>6</sup> .....	109	.....	.....	Soldiers Grove village.....	667	680	<sup>(18)</sup> .....
<i>Total for Unity village in Clark and Marathon Counties.</i>				Steuben village <sup>19</sup> .....	237	.....	.....
Warner town.....	763	617	591	Utica town <sup>20</sup> .....	1,400	1,548	1,389
Washburn town.....	453	522	200	Wauzeka town.....	513	578	916
Weston town <sup>7</sup> .....	797	1,000	863	Wauzeka village.....	476	471	.....
Withee town.....	1,316	1,004	724	<b>Dane County.....</b>			
Withee village <sup>7</sup> .....	443	.....	.....	Albion town.....	1,474	1,590	1,516
Worden town.....	979	645	.....	Belleville village.....	422	385	319
York town.....	1,102	980	836	Berry town.....	924	934	1,003
<b>Columbia County.....</b>				Black Earth town <sup>21</sup> .....	372	796	742
Arlington town.....	816	794	828	Black Earth village <sup>21</sup> .....	479	.....	.....
Caledonia town.....	1,087	1,188	1,336	Blooming Grove town <sup>22</sup> .....	1,520	1,119	999
Cambria village.....	657	561	524	Blue Mounds town.....	943	1,048	1,449
Columbus city.....	2,523	2,349	1,977	Bristol town.....	1,120	1,268	1,093
Ward 1.....	1,020	.....	.....	Brooklyn village <sup>23</sup> (part of).....	90	.....	.....
Ward 2.....	712	.....	.....	<i>Total for Brooklyn village in Dane and Green Counties.</i>			
Ward 3.....	791	.....	.....	Burke town.....	1,236	1,230	1,129
Columbus town.....	760	744	800	Cambridge village <sup>24</sup> .....	507	.....	.....
Courland town.....	886	820	815	Christiana town <sup>24</sup> .....	1,643	2,401	2,379
Dekorra town.....	842	908	869	Cottage Grove town.....	1,306	1,307	1,305
Doylestown village <sup>8</sup> .....	259	.....	.....	Cross Plains town.....	1,243	1,206	1,103
Fall River village <sup>9</sup> .....	360	.....	.....	Dane town.....	830	933	1,161
Fort Winnebago town.....	626	665	646	Dane village.....	296	280	.....
Fountain Prairie town <sup>9</sup> .....	900	1,409	1,315	De Forest village <sup>26</sup> .....	431	.....	.....
Hampden town.....	800	887	801	Deerfield town.....	991	1,104	1,235
Kilbourn City village.....	1,170	1,134	961	Deerfield village.....	533	515	338
Leeds town.....	1,055	1,214	1,171	Dunkirk town.....	1,396	1,536	1,406
Lewistown town.....	799	901	936	Dunn town.....	1,145	1,155	1,113
Lodi town.....	716	750	639	Fair Oaks village <sup>22</sup> .....	891	.....	.....
Lodi village.....	1,044	1,068	736	Fitchburg town.....	971	1,004	958
Lowville town.....	758	784	733	Madison city <sup>26</sup> .....	25,531	19,164	13,426
Marcellon town.....	853	882	845	Ward 1.....	1,732	.....	.....
Newport town.....	534	585	487	Ward 2.....	2,773	.....	.....
Otsego town <sup>8</sup> .....	866	1,226	1,127	Ward 3.....	1,480	.....	.....
Pacific town.....	281	289	255	Ward 4.....	2,407	.....	.....
Pardeeville village.....	997	788	.....	Ward 5.....	3,619	.....	.....
Portage city.....	5,440	5,450	5,143	Ward 6.....	4,340	.....	.....
Ward 1.....	530	.....	.....	Ward 7.....	2,640	.....	.....
Ward 2.....	1,093	.....	.....	Ward 8.....	2,601	.....	.....
Ward 3.....	843	.....	.....	Ward 9.....	3,453	.....	.....
Ward 4.....	1,357	.....	.....	Ward 10.....	1,002	.....	.....
Ward 5.....	1,537	.....	.....	Madison town <sup>26</sup> .....	1,705	1,567	919
Poynette village.....	656	633	517	Marshall village <sup>27</sup> .....	459	.....	.....
Randolph town.....	1,087	951	880	Mazomanie town.....	460	493	448
Randolph village (west ward).....	248	190	79	Mazomanie village.....	917	902	1,034
<i>Total for Randolph village in Columbia and Dodge Counties.</i>				Medina town <sup>27</sup> .....	929	1,494	1,303
East ward.....	639	.....	.....	Middleton town <sup>28</sup> .....	954	1,550	1,433
West ward.....	243	.....	.....	Middleton village <sup>28</sup> .....	679	.....	.....
Rio village.....	704	479	339	Montrose town.....	829	997	952
Scott town.....	796	811	824	Mount Horeb village.....	1,048	804	.....
Springvale town.....	735	751	703	Oregon town.....	888	881	841
West Point town.....	663	743	701	Oregon village.....	712	697	595
Wyocona town <sup>10</sup> .....	705	1,158	1,303	Perry town.....	1,037	1,050	996
Wyocona village <sup>10</sup> .....	425	.....	.....	Pleasant Springs town.....	1,313	1,453	1,501
				Primrose town.....	737	817	889
				Roxbury town.....	886	966	1,073

<sup>1</sup> Part taken to form Dewhurst town in 1902.  
<sup>2</sup> Part taken to form Dorchester village in 1901.  
<sup>3</sup> Incorporated from part of Hixon town in 1904.  
<sup>4</sup> Self town organized from part of Weston town in 1904.  
<sup>5</sup> Returned as Sherwood Forest in 1900.  
<sup>6</sup> Unity village incorporated from part of Unity town in 1906.  
<sup>7</sup> Incorporated from part of Hixon town in 1901.  
<sup>8</sup> Doylestown village incorporated from part of Otsego town in 1907.  
<sup>9</sup> Fall River village incorporated from part of Fountain Prairie town in 1900.  
<sup>10</sup> Wyocona village incorporated from part of Wyocona town in 1909.  
<sup>11</sup> Incorporated from parts of Clayton and Haney towns in 1901.  
<sup>12</sup> Parts taken to form parts of Gays Mills and Bell Center villages in 1900 and 1901, respectively.  
<sup>13</sup> Soldiers Grove village in Clayton town not returned separately in 1890.  
<sup>14</sup> Parts taken to form Eastman village in 1900 and part of Steuben village in 1900.

<sup>15</sup> Incorporated from part of Eastman town in 1909.  
<sup>16</sup> Incorporated from parts of Clayton and Utica towns in 1900.  
<sup>17</sup> Part taken to form part of Bell Center village in 1901.  
<sup>18</sup> Part taken to form part of Steuben village in 1900.  
<sup>19</sup> Incorporated from parts of Eastman and Marlette towns in 1900.  
<sup>20</sup> Part taken to form part of Gays Mills village in 1900.  
<sup>21</sup> Black Earth village incorporated from part of Black Earth town in 1901.  
<sup>22</sup> Fair Oaks village incorporated from part of Blooming Grove town in 1903 and made independent in 1907.  
<sup>23</sup> Incorporated from part of Rutland town in 1905.  
<sup>24</sup> Cambridge village incorporated from part of Christiana town in 1901.  
<sup>25</sup> Incorporated from part of Windsor town in 1903.  
<sup>26</sup> Part of Madison town annexed to Madison city in 1903.  
<sup>27</sup> Marshall village incorporated from part of Medina town in 1905.  
<sup>28</sup> Middleton village incorporated from part of Middleton town in 1905.

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>Dane County—Continued.</b>				<b>Dodge County—Continued.</b>			
Rutland town <sup>1</sup> .....	1,052	1,297	1,222	Waupun city (wards 1 to 4).....	2,217	2,007	1,695
Springdale town.....	1,010	1,050	1,120	<i>Total for Waupun city in Dodge and Fond</i>			
Springfield town.....	1,039	1,108	1,111	<i>du Lac Counties.....</i>	<i>3,362</i>	<i>3,185</i>	<i>2,757</i>
Stoughton city.....	4,761	3,431	2,470	Ward 1.....	496		
Ward 1.....	1,049			Ward 2.....	1,067		
Ward 2.....	1,490			Ward 3.....	308		
Ward 3.....	1,290			Ward 4.....	348		
Ward 4.....	932			Ward 5.....	529		
Sun Prairie town.....	986	1,039	912	Ward 6.....	616		
Sun Prairie village.....	1,119	938	704	Westford town.....	828	909	970
Vermont town.....	691	826	892	Williamstown town.....	901	1,015	1,031
Verona town.....	1,319	1,335	1,225				
Vienna town.....	1,036	1,048	1,009	<b>Door County.....</b>	<b>18,711</b>	<b>17,583</b>	<b>15,682</b>
Waukegan village.....	550	443	312	Baileys Harbor town.....	628	645	603
Westport town.....	1,734	1,472	1,581	Brussels town.....	1,410	1,287	1,085
Windsor town <sup>2</sup> .....	1,465	1,809	1,329	Claybanks town.....	581	557	609
York town.....	826	943	963	Egg Harbor town.....	1,031	882	821
				Forestville town.....	1,423	1,364	1,361
<b>Dodge County.....</b>	<b>47,436</b>	<b>46,631</b>	<b>44,984</b>	Gardner town.....	902	785	805
Ashippun town.....	1,214	1,339	1,344	Gibraltar town.....	1,119	1,185	934
Beaver Dam city.....	6,758	5,128	4,222	Jacksonport town.....	876	913	817
Ward 1.....	829			Liberty Grove town.....	1,529	1,550	1,536
Ward 2.....	783			Nasewaupee town.....	1,301	1,349	1,057
Ward 3.....	828			Sevastopol town.....	1,578	1,607	1,313
Ward 4.....	857			Sturgeon Bay city.....	4,262	3,372	2,195
Ward 5.....	820			Ward 1.....	1,503		
Ward 6.....	788			Ward 2.....	673		
Ward 7.....	984			Ward 3.....	980		
Ward 8.....	919			Ward 4.....	1,106		
Beaver Dam town.....	1,204	1,340	1,341	Sturgeon Bay town.....	527	585	1,135
Burnett town.....	972	1,061	1,026	Union town.....	641	639	673
Calamus town.....	1,007	1,096	1,083	Washington town.....	903	863	738
Chester town.....	630	707	736				
Clyman town.....	1,167	1,293	1,293	<b>Douglas County.....</b>	<b>47,422</b>	<b>43,635</b>	<b>43,468</b>
Elba town.....	1,015	1,066	1,117	Annicon town <sup>5</sup> .....	620		
Emmet town.....	995	1,152	1,248	Bennett town <sup>6</sup> .....	382		
Fox Lake town.....	780	741	802	Brule town <sup>7</sup> .....	643	1,125	386
Fox Lake village.....	851	890	814	Gordon town <sup>8</sup> .....	506	403	184
Herman town.....	1,206	1,394	1,478	Hawthorne town <sup>9</sup> .....	448		
Horicon city.....	1,881	1,376	1,354	Highland town <sup>10</sup> .....	159		
Ward 1.....	687			Lake Nebagamon village <sup>9</sup> .....	483		
Ward 2.....	646			Lakeside town <sup>10</sup> .....	188		
Ward 3.....	678			Maple town <sup>11</sup> .....	613		
Hubbard town.....	1,452	1,563	1,690	Parkland town <sup>12</sup> .....	451		
Hustisford town.....	1,009	1,066	1,126	Solon Springs town <sup>6</sup> .....	463		
Hustisford village.....	615	540	503	South Range town <sup>13</sup> .....	271		
Juneau city.....	1,003	891	701	Superior city.....	40,384	31,091	11,083
Ward 1.....	498			Ward 1.....	5,059		
Ward 2.....	505			Ward 2.....	2,517		
Lebanon town.....	1,273	1,469	1,505	Ward 3.....	4,782		
Leroy town.....	1,209	1,344	1,413	Ward 4.....	7,747		
Lomira town.....	1,590	1,560	1,816	Ward 5.....	4,121		
Lomira village.....	529	492		Ward 6.....	6,436		
Lowell town.....	1,529	1,713	1,859	Ward 7.....	6,152		
Lowell village.....	318	333	304	Ward 8.....	2,062		
Mayville city.....	2,282	1,815	1,165	Ward 9.....	3,502		
Ward 1.....	668			Ward 10.....	2,413		
Ward 2.....	418			Superior town <sup>14</sup> .....	389	1,445	361
Ward 3.....	1,206			Summit town <sup>15</sup> .....	353		
Neosho village <sup>3</sup> .....	304			Wascott town <sup>16</sup> .....	615		
Oak Grove town.....	1,428	1,554	1,599				
Portland town.....	1,027	1,129	1,163	<b>Dunn County.....</b>	<b>25,260</b>	<b>25,043</b>	<b>22,064</b>
Randolph village (east ward).....	689	548	326	Colfax town <sup>17</sup> .....	732	1,083	672
[For total, see Columbia County.]				Colfax village <sup>17</sup> .....	701		
Reeseville village.....	352	303	329	Downing village <sup>18</sup> .....	319		
Rubicon town <sup>3</sup> .....	1,149	1,449	1,520	Dunn town.....	1,173	1,410	1,258
Shields town.....	789	868	919	Eau Galle town.....	1,314	1,347	1,218
Theresa town.....	1,303	1,433	1,761	Elk Mound town <sup>19</sup> .....	653	812	695
Theresa village.....	345	355		Elk Mound village <sup>19</sup> .....	302		
Trenton town.....	1,304	1,429	1,472	Grant town.....	646	667	542
Trenton town.....	1,304	1,429	1,472	Hay River town.....	768	501	486
Watertown city (wards 5 and 6).....	2,305	2,170	2,249	Knapp village <sup>20</sup> .....	413		
<i>Total for Watertown city in Dodge and Jef-</i>				Lucas town.....	752	885	705
<i>erson Counties.....</i>	<i>8,829</i>	<i>8,437</i>	<i>8,755</i>	Menomonie city.....	5,036	5,655	5,491
Ward 1.....	2,366			Ward 1.....	1,081		
Ward 2.....	1,676			Ward 2.....	953		
Ward 3.....	1,019			Ward 3.....	1,163		
Ward 4.....	604			Ward 4.....	1,839		
Ward 5.....	1,032						
Ward 6.....	1,273						
Ward 7.....	959						

<sup>1</sup> Part taken to form Brooklyn village in 1905.  
<sup>2</sup> Part taken to form De Forest village in 1903.  
<sup>3</sup> Neosho village incorporated from part of Rubicon town in 1902.  
<sup>4</sup> County totals include population (2,271 in 1900; 554 in 1890) of Nebagamon town, taken to form Bennett, Hawthorne, Highland, and Solon Springs towns, and Lake Nebagamon village since 1900.  
<sup>5</sup> Organized from part of Brule town in 1906; part taken to form Lakeside town in 1910.  
<sup>6</sup> Organized from part of Nebagamon town in 1907.  
<sup>7</sup> Parts taken to form Annicon town in 1906 and Maple town in 1907.  
<sup>8</sup> Parts taken to form Wascott town in 1910 and part of Summit town in 1907.  
<sup>9</sup> Incorporated from part of Nebagamon town in 1907.

<sup>10</sup> Organized from part of Annicon town in 1910.  
<sup>11</sup> Organized from part of Brule town in 1907.  
<sup>12</sup> Organized from part of South Range town in 1910.  
<sup>13</sup> Organized from part of Superior town in 1907; part taken to form Parkland town in 1910.  
<sup>14</sup> Parts taken to form South Range town and part of Summit town in 1907.  
<sup>15</sup> Organized from parts of Gordon and Superior towns in 1907.  
<sup>16</sup> Organized from part of Gordon town in 1910.  
<sup>17</sup> Colfax village incorporated from part of Colfax town in 1904.  
<sup>18</sup> Incorporated from part of Tiffany town in 1909.  
<sup>19</sup> Elk Mound village incorporated from part of Elk Mound town in 1909.  
<sup>20</sup> Incorporated from part of Stanton town in 1905.



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>Grant County—Continued.</b>				<b>Iowa County.....</b>			
Millville town.....	251	268	197	Arena town.....	1,315	1,363	1,479
Montfort village.....	558	627	407	Barneveld village <sup>10</sup> .....	317	.....	.....
Mount Hope town.....	709	671	640	Brigham town <sup>11</sup> .....	1,636	1,435	1,341
Mount Ida town.....	714	793	779	Clyde town <sup>11</sup> .....	642	628	610
Muscoda town.....	440	454	555	Cobb village <sup>12</sup> .....	230	.....	.....
Muscoda village.....	798	743	605	Dodgeville city.....	1,791	1,865	1,722
North Lancaster town <sup>1</sup> .....	580	.....	.....	Ward 1.....	540	.....	.....
Paris town.....	762	792	778	Ward 2.....	708	.....	.....
Patch Grove town.....	688	660	690	Ward 3.....	643	.....	.....
Platteville city <sup>2</sup> .....	4,452	3,340	2,740	Dodgeville town.....	1,471	1,540	1,577
Ward 1.....	1,411	.....	.....	Eden town <sup>12</sup> .....	603	997	956
Ward 2.....	1,268	.....	.....	Highland town.....	1,402	1,642	1,577
Ward 3.....	968	.....	.....	Highland village.....	1,096	913	751
Ward 4.....	806	.....	.....	Hollandale village <sup>13</sup> .....	265	.....	.....
Platteville town <sup>2</sup> .....	851	279	947	Lindon town.....	1,250	1,353	1,399
Potosi town.....	1,241	1,508	2,110	Lindon village.....	580	543	462
Potosi village.....	464	434	(4)	Mifflin town <sup>14</sup> .....	1,282	1,564	1,465
Smelser town.....	877	923	1,295	Mineral Point city.....	2,925	2,991	2,694
South Lancaster town <sup>1</sup> .....	924	.....	.....	Ward 1.....	794	.....	.....
Waterloo town.....	846	966	934	Ward 2.....	628	.....	.....
Watterstown town.....	724	474	458	Ward 3.....	616	.....	.....
Wingville town.....	749	854	913	Ward 4.....	687	.....	.....
Woodman town.....	433	438	495	Mineral Point town.....	1,076	1,131	1,271
Wyalusing town.....	976	918	786	Moscow town.....	1,024	1,142	1,145
				Pulaski town, <sup>11</sup> including Avoca village.....	1,269	1,368	1,239
				Avoca village.....	456	406	278
				Revey village <sup>14</sup> .....	329	.....	.....
				Ridgeway town <sup>15</sup> .....	745	1,126	990
				Ridgeway village <sup>15</sup> .....	437	.....	.....
				Waldwick town.....	621	722	810
				Wyoming town.....	731	791	629
<b>Green County.....</b>	<b>21,641</b>	<b>22,719</b>	<b>22,732</b>	<b>Iron County.....</b>	<b>8,306</b>	<b>6,616</b>	.....
Adams town.....	811	854	851	Anderson town <sup>16</sup> .....	219	.....	.....
Albany town.....	619	699	682	Cary town <sup>17</sup> .....	1,277	.....	.....
Albany village.....	669	737	698	Emerson town <sup>18</sup> .....	73	.....	.....
Brodhead city.....	1,517	1,584	1,461	Knight town <sup>16</sup> .....	1,259	1,363	.....
Ward 1.....	711	.....	.....	Montreal town <sup>17</sup> .....	311	.....	.....
Ward 2.....	806	.....	.....	Saxon town.....	1,825	1,631	.....
Brooklyn town <sup>5</sup> .....	812	1,188	1,205	Vaughn town <sup>19</sup> .....	893	688	.....
Brooklyn village <sup>5</sup> (part of).....	272	.....	.....		2,440	2,934	.....
[For total, see Dane County.]							
Browntown village.....	222	246	.....	<b>Jackson County.....</b>	<b>17,075</b>	<b>17,468</b>	<b>15,797</b>
Cadiz town.....	1,057	1,240	1,607	Albion town.....	1,618	1,723	1,717
Clarno town.....	1,128	1,226	1,819	Alma town <sup>20</sup> .....	869	1,192	1,060
Decatur town.....	561	650	685	Alma Center village <sup>20</sup> .....	417	.....	.....
Exeter town.....	802	917	915	Bear Bluff town.....	117	151	.....
Jefferson town.....	1,121	1,184	1,278	Black River Falls city.....	1,917	1,938	2,261
Jordan town.....	900	966	1,101	Ward 1.....	476	.....	.....
Monroe city.....	4,410	3,927	3,768	Ward 2.....	441	.....	.....
Ward 1.....	1,154	.....	.....	Ward 3.....	333	.....	.....
Ward 2.....	1,005	.....	.....	Ward 4.....	673	.....	.....
Ward 3.....	1,166	.....	.....	Brookway town.....	895	812	.....
Ward 4.....	1,100	.....	.....	City Point town.....	333	323	329
Monroe town.....	886	942	966	Cleveland town.....	822	898	691
Monticello village.....	671	559	407	Curran town.....	650	706	706
Mount Pleasant town.....	699	761	841	Franklin town.....	705	715	626
New Glarus town <sup>6</sup> .....	627	1,245	1,180	Garden Valley town.....	766	785	703
New Glarus village <sup>6</sup> .....	708	.....	.....	Garfield town.....	714	775	502
Spring Grove town.....	859	1,021	1,135	Hixton town.....	853	899	696
Sylvester town.....	726	909	906	Irving town.....	862	878	909
Washington town.....	688	768	818	Knapp town.....	280	342	1,005
York town.....	876	1,036	1,009	Manchester town.....	626	696	560
				Melrose town <sup>21</sup> .....	864	1,532	1,304
				Merrillan village.....	625	739	639
				Millston town.....	403	408	399
				North Bend town <sup>21</sup> .....	731	.....	.....
				Northfield town.....	1,020	1,026	787
				Springfield town.....	984	928	903
<b>Green Lake County.....</b>	<b>15,491</b>	<b>15,797</b>	<b>15,163</b>	<b>Jefferson County.....</b>	<b>34,306</b>	<b>34,789</b>	<b>33,530</b>
Berlin city (wards 1, 3 to 5, and part of ward 2). Total for Berlin city in Green Lake and Washara Counties.	4,586	4,448	4,118	Aztalan town <sup>22</sup> .....	908	1,313	1,349
Ward 1.....	825	.....	.....	Cold Spring town.....	516	606	649
Ward 2.....	1,276	.....	.....	Concord town.....	1,026	1,236	1,331
Ward 3.....	940	.....	.....	Farmington town <sup>22</sup> .....	1,426	1,853	1,847
Ward 4.....	633	.....	.....	Fort Atkinson city.....	3,877	3,043	2,283
Ward 5.....	612	.....	.....	Ward 1.....	947	.....	.....
Berlin town.....	779	801	767	Ward 2.....	803	.....	.....
Brooklyn town <sup>7</sup> .....	956	953	1,076	Ward 3.....	880	.....	.....
Green Lake town.....	1,133	1,288	1,343	Ward 4.....	1,147	.....	.....
Green Lake village <sup>8</sup> .....	563	450	204				
Kingston town.....	741	770	816				
Mackford town.....	668	912	1,039				
Manchester town.....	937	1,001	1,024				
Markesan village.....	892	706	475				
Marquette town.....	712	872	812				
Princeton town.....	975	1,123	1,167				
Princeton village.....	1,269	1,202	986				
St. Marie town.....	516	626	751				
Seneca town.....	484	645	585				

<sup>1</sup> Organized from part of Lancaster town in 1905.  
<sup>2</sup> Platteville city made independent of Platteville town in 1901.  
<sup>3</sup> Exclusive of population of Platteville city.  
<sup>4</sup> Potosi village, in Potosi town, not returned separately in 1890.  
<sup>5</sup> Brooklyn village incorporated from part of Brooklyn town in 1905.  
<sup>6</sup> New Glarus village incorporated from part of New Glarus town in 1901.  
<sup>7</sup> Green Lake village made independent of Brooklyn town in 1900.  
<sup>8</sup> Exclusive of population of Green Lake village.  
<sup>9</sup> Name changed from Dartford. Made independent of Brooklyn town in 1900.  
<sup>10</sup> Barneveld village incorporated from part of Brigham town in 1906.  
<sup>11</sup> Part of Pulaski town annexed to Clyde town in 1907.

<sup>12</sup> Cobb village incorporated from part of Eden town in 1902.  
<sup>13</sup> Hollandale village incorporated from part of Moscow town in 1909 and made independent in 1910.  
<sup>14</sup> Revey village incorporated from part of Mifflin town in 1902.  
<sup>15</sup> Ridgeway village incorporated from part of Ridgeway town in 1902.  
<sup>16</sup> Anderson town organized from part of Knight town in 1900.  
<sup>17</sup> Organized from part of Vaughn town in 1909.  
<sup>18</sup> Organized from part of Vaughn town in 1907.  
<sup>19</sup> Paris taken to form Emerson town in 1907 and Cary and Mercer towns in 1909.  
<sup>20</sup> Alma Center village incorporated from part of Alma town in 1901.  
<sup>21</sup> North Bend town organized from part of Melrose town in 1907.  
<sup>22</sup> Part taken to form part of Johnson Creek village in 1903.



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>Langlade County</b> .....	<b>17,062</b>	<b>12,553</b>	<b>9,485</b>	<b>Manitowoc County—Continued.</b>			
Aekley town.....	867	582	374	Newton town.....	1,578	1,770	1,726
Ainsworth town <sup>2</sup> .....	170			Reedsville village.....	560	428	
Antigo city.....	7,196	5,145	4,424	Rockland town.....	1,255	1,248	1,267
Ward 1.....	827			Schleswig town.....	1,388	1,385	1,556
Ward 2.....	967			Two Creeks town.....	575	632	607
Ward 3.....	1,093			Two Rivers city.....	4,850	3,784	2,870
Ward 4.....	1,572			Ward 1.....	852		
Ward 5.....	987			Ward 2.....	676		
Ward 6.....	1,750			Ward 3.....	893		
Antigo town.....	1,338	1,120	643	Ward 4.....	1,339		
Elcho town.....	475	352	175	Ward 5.....	1,110		
Elton town.....	278	144	191	Two Rivers town.....	1,125	1,087	1,108
Evergreen town.....	612	117					
Langlade town <sup>2</sup> .....	197	173	153	<b>Marathon County</b> .....	<b>55,054</b>	<b>48,256</b>	<b>80,369</b>
Neva town.....	1,060	788	502	Athens village <sup>10</sup> .....	904		
Norwood town.....	1,115	793	663	Bergen town <sup>11</sup> .....	654	552	177
Peck town.....	388	248		Berlin town.....	1,005	1,078	1,083
Polar town.....	1,050	760	444	Bern town <sup>12</sup> .....	408		
Priest town.....	525	571	233	Brighton town <sup>13</sup> .....	444	599	686
Rolling town.....	1,041	1,040	685	Brokaw village <sup>14</sup> .....	458		
Summit town.....	366	361	270	Cassel town.....	1,165	1,034	
Upham town.....	190	193		Cleveland town <sup>15</sup> .....	689	1,000	252
Vilas town.....	194	161	316	Colby city (east ward).....	252	213	
				[For total, see Clark County.]			
<b>Lincoln County</b> .....	<b>19,064</b>	<b>16,269</b>	<b>12,008</b>	Day town <sup>16</sup> .....	1,053	821	816
Birch town <sup>3</sup> .....	417			Easton town.....	865	987	240
Bradley town <sup>4</sup> .....	585			Eau Claire town.....	758	735	257
Corning town.....	583	567	347	Edgar village.....	746	478	
Harrison town.....	430	339	457	Elderon town <sup>17</sup> .....	779	508	232
King town <sup>5</sup> .....	199			Emmet town <sup>18</sup> .....	894	786	439
Merrill city.....	8,689	8,537	6,809	Fenwood village <sup>19</sup> .....	220		
Ward 1.....	1,019			Flieth town <sup>20</sup> .....	397		
Ward 2.....	695			Frankfort town.....	685	508	331
Ward 3.....	1,004			Franzen town <sup>17</sup> .....	267		
Ward 4.....	1,953			Halsey town <sup>21</sup> .....	643	1,231	654
Ward 5.....	759			Hamburg town.....	985	891	693
Ward 6.....	1,625			Harrison town.....	399	211	926
Ward 7.....	1,784			Hewitt town.....	463	287	
Merrill town <sup>6</sup> .....	648	797	539	Holton town.....	1,298	1,022	760
Pine River town <sup>7</sup> .....	1,213	1,278	736	Hull town.....	1,096	796	893
Rock Falls town.....	381	414	332	Johnson town.....	901	587	313
Russell town <sup>8</sup> .....	535	556	402	Knowlton town.....	592	435	333
Schley town <sup>9</sup> .....	926			Kronenwetter town.....	670	434	264
Scott town.....	964	870	570	McMillan town.....	1,063	862	439
Somo town <sup>4</sup> .....	292			McMillan village.....	130	200	
Tomahawk city.....	2,907	2,291	1,816	Maine town.....	1,145	1,119	1,178
Ward 1.....	684			Marathon town.....	857	678	1,180
Ward 2.....	559			Marathon village.....	656	528	268
Ward 3.....	790			Mosinee town <sup>22</sup> .....	441	371	199
Ward 4.....	974			Mosinee village.....	482	657	427
Tomahawk town <sup>4</sup> .....	295	620		Norrie town.....	1,147	770	353
				Pike Lake town.....	1,322	1,022	542
<b>Manitowoc County</b> .....	<b>44,978</b>	<b>42,261</b>	<b>37,831</b>	Plover town.....	542	302	
Cato town.....	1,909	1,743	1,793	Rib Falls town.....	942	771	674
Centerville town.....	1,440	1,443	1,374	Rietbrock town.....	1,118	1,016	717
Cooperstown town.....	1,423	1,500	1,629	Ringle town <sup>23</sup> .....	560		
Eaton town.....	1,300	1,317	1,332	Schofield village <sup>24</sup> .....	839		
Franklin town.....	1,623	1,781	1,836	Spencer town <sup>25</sup> .....	760	841	1,018
Gibson town.....	1,311	1,498	1,651	Spencer village <sup>25</sup> .....	362		
Kiel village.....	1,244	924	497	Stettin town.....	1,153	1,110	962
Kossuth town.....	1,793	1,799	1,973	Stratford village <sup>15</sup> .....	763		
Liberty town.....	1,431	1,383	1,277	Texas town <sup>14</sup> .....	1,024	1,081	320
Manitowoc city.....	13,027	11,786	7,710	Unity village <sup>13</sup> (part of).....	254		
Ward 1.....	1,813			[For total, see Clark County.]			
Ward 2.....	1,354			Wausau city.....	16,560	12,354	9,253
Ward 3.....	2,872			Ward 1.....	2,123		
Ward 4.....	1,889			Ward 2.....	1,440		
Ward 5.....	1,673			Ward 3.....	1,255		
Ward 6.....	910			Ward 4.....	1,119		
Ward 7.....	2,510			Ward 5.....	2,535		
Manitowoc town.....	870	762	1,275	Ward 6.....	1,877		
Manitowoc Rapids town.....	2,092	1,717	1,914	Ward 7.....	2,539		
Maple Grove town.....	1,151	1,214	1,585	Ward 8.....	2,088		
Meame town.....	1,504	1,482	1,434	Ward 9.....	1,535		
Mishicot town.....	1,534	1,578	1,417	Wausau town.....	1,134	1,109	1,350
				Wein town <sup>19</sup> .....	741	905	444
				Weston town <sup>26</sup> .....	1,419	2,137	1,776

<sup>1</sup> County total includes population (392) of Parrish town, annexed to Summit town between 1890 and 1900.  
<sup>2</sup> Ainsworth town organized from part of Langlade town in 1904.  
<sup>3</sup> Organized from parts of Merrill and Russell towns in 1902.  
<sup>4</sup> Bradley and Somo towns organized from parts of Tomahawk town in 1903 and 1905, respectively.  
<sup>5</sup> Organized from part of Merrill town in 1901.  
<sup>6</sup> Parts taken to form King town in 1901 and part of Birch town in 1902.  
<sup>7</sup> Part taken to form part of Schley town in 1902.  
<sup>8</sup> Parts taken to form parts of Birch and Schley towns in 1902.  
<sup>9</sup> Organized from parts of Pine River and Russell towns in 1902.  
<sup>10</sup> Incorporated from part of Halsey town in 1903.  
<sup>11</sup> Parts of Day and Mosinee towns annexed in 1909.  
<sup>12</sup> Organized from part of Halsey town in 1904.  
<sup>13</sup> Unity village incorporated from part of Brighton town in 1906.

<sup>14</sup> Brokaw village incorporated from part of Texas town in 1906.  
<sup>15</sup> Stratford village incorporated from part of Cleveland town in 1910.  
<sup>16</sup> Part annexed to Bergen town in 1909.  
<sup>17</sup> Franzen town organized from part of Elderon town in 1904.  
<sup>18</sup> Part annexed to Mosinee town in 1909.  
<sup>19</sup> Fenwood village incorporated from part of Wein town in 1907.  
<sup>20</sup> Organized from part of Weston town in 1906.  
<sup>21</sup> Parts taken to form Athens village in 1903 and Bern town in 1904.  
<sup>22</sup> Part annexed to Bergen town in 1909; part of Emmet town annexed in 1909.  
<sup>23</sup> Organized from part of Weston town in 1905.  
<sup>24</sup> Incorporated from part of Weston town in 1904.  
<sup>25</sup> Spencer village incorporated from part of Spencer town in 1904.  
<sup>26</sup> Parts taken to form Schofield village in 1904, and Ringle and Flieth towns in 1905 and 1906, respectively.

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>Marinette County</b> .....	<b>33,812</b>	<b>30,822</b>	<b>20,304</b>	<b>Milwaukee County—Continued.</b>			
Amberg town.....	2,816	1,375		South Milwaukee city.....	6,092	3,392	
Athelstane town <sup>1</sup> .....	536			Ward 1.....	1,026		
Beaver town <sup>1</sup> .....	1,208			Ward 2.....	1,553		
Coleman village <sup>2</sup> .....	436			Ward 3.....	2,506		
Dunbar town.....	1,127	1,136		Ward 4.....	1,202		
Grover town.....	2,009	1,860		Wauwatosa city.....	3,346	2,842	
Lake town <sup>1</sup> .....	617			Ward 1.....	1,149		
Marinette city.....	14,610	16,195	11,523	Ward 2.....	614		
Ward 1.....	2,442			Ward 3.....	769		
Ward 2.....	3,076			Ward 4.....	814		
Ward 3.....	3,197			Wauwatosa town <sup>16</sup> .....	11,536	13,860	10,914
Ward 4.....	3,252			West Allis city <sup>17</sup> .....	6,645		
Ward 5.....	2,643			Ward 1.....	2,202		
Peshigo city <sup>3</sup> .....	1,975			Ward 2.....	1,883		
Ward 1.....	519			Ward 3.....	1,437		
Ward 2.....	707			Ward 4.....	1,128		
Ward 3.....	749			West Milwaukee village <sup>18</sup> .....	1,458		
Peshigo town <sup>4</sup> .....	1,493	4,228	7,202	Whitefish Bay village.....	542	512	
Porterfield town.....	1,510	956	460				
Pound town <sup>5</sup> .....	2,050	2,545		<b>Monroe County</b> .....	<b>28,881</b>	<b>28,103</b>	<sup>19</sup> <b>23,211</b>
Stephenson town <sup>6</sup> .....	1,379	842		Adrian town.....	550	631	615
Wausaukee town.....	1,956	1,685	1,119	Angelo town.....	666	710	477
				Byron town.....	806	825	458
<b>Marquette County</b> .....	<b>10,741</b>	<b>10,509</b>	<b>9,676</b>	Cashon village.....	568	510	
Buffalo town.....	766	839	805	Clifton town.....	934	993	955
Crystal Lake town.....	467	577	667	Glendale town.....	971	1,051	1,020
Douglas town.....	670	684	628	Grant town.....	442	499	
Harris town.....	519	556	576	Greenfield town.....	800	712	592
Mecan town.....	582	628	724	Jefferson town.....	1,188	1,223	1,315
Montello town <sup>7</sup> .....	443	1,325	1,177	Kendall village.....	477	460	304
Montello village <sup>7</sup> .....	1,104			Lafayette town.....	387	438	( <sup>19</sup> )
Moundville town.....	767	562	324	La Grange town.....	1,124	1,141	730
Neshkoro town <sup>8</sup> .....	422	638	561	Leon town.....	751	787	688
Neshkoro village <sup>8</sup> .....	379			Lincoln town.....	902	863	1,065
Newton town.....	540	647	711	Little Falls town.....	1,205	1,222	993
Oxford town.....	838	659	567	New Lyme town.....	281	206	( <sup>19</sup> )
Packwaukee town.....	801	852	711	Norwalk village.....	502	357	
Shields town.....	561	698	608	Oakdale town.....	813	682	680
Springfield town.....	630	644	605	Ontario village (part of).....	79	91	
Westfield town <sup>9</sup> .....	523	1,200	1,012	Total for Ontario village in Monroe and Ver-			
Westfield village <sup>9</sup> .....	729			non Counties.....	583	589	
				Portland town.....	1,088	1,194	1,166
<b>Milwaukee County</b> .....	<b>433,187</b>	<b>330,017</b>	<b>236,101</b>	Ridgeville town.....	775	924	1,292
Cudahy city <sup>10</sup> .....	3,691	1,366		Scott town.....	180	258	
Ward 1.....	1,049			Sheldon town.....	771	821	813
Ward 2.....	693			Sparta city.....	3,073	3,555	2,795
Ward 3.....	1,206			Ward 1.....	1,026		
Ward 4.....	743			Ward 2.....	979		
East Milwaukee village <sup>11</sup> .....	707			Ward 3.....	1,113		
Franklin town.....	1,770	1,738	1,868	Ward 4.....	860		
Granville town.....	2,382	2,267	2,272	Sparta town.....	1,504	1,263	996
Greenfield town <sup>12</sup> .....	3,797	5,814	3,190	Tomah city.....	3,419	2,840	2,199
Lake town <sup>13</sup> .....	8,737	5,302	4,899	Ward 1.....	985		
Milwaukee city <sup>14</sup> .....	373,857	285,315	204,468	Ward 2.....	1,170		
Ward 1.....	9,709			Ward 3.....	1,264		
Ward 2.....	10,023			Tomah town.....	723	744	698
Ward 3.....	6,252			Wellington town.....	1,012	1,091	1,120
Ward 4.....	10,502			Wells town.....	664	717	642
Ward 5.....	10,163			Wilton town.....	816	895	1,082
Ward 6.....	14,002			Wilton village.....	510	400	
Ward 7.....	7,566						
Ward 8.....	11,251			<b>Oconto County</b> .....	<b>25,657</b>	<b>20,874</b>	<b>15,009</b>
Ward 9.....	18,472			Armstrong town <sup>20</sup> .....	623	482	
Ward 10.....	10,058			Brazeau town.....	765	437	
Ward 11.....	30,163			Breed town <sup>21</sup> .....	327		
Ward 12.....	13,528			Chase town <sup>22</sup> .....	1,152	1,474	913
Ward 13.....	20,318			Gillett town <sup>23</sup> .....	1,300	1,249	938
Ward 14.....	32,542			Gillett village <sup>23</sup> .....	610		
Ward 15.....	17,233			How town <sup>21</sup> .....	965	1,083	770
Ward 16.....	14,507			Lena town.....	1,345	894	
Ward 17.....	15,523			Little River town.....	1,207	1,042	1,194
Ward 18.....	19,602			Little Suamico town.....	1,375	944	624
Ward 19.....	14,220			Maple Valley town.....	1,163	870	1,336
Ward 20.....	26,885			Morgan town <sup>24</sup> .....	655		
Ward 21.....	21,074			Oconto city.....	5,629	5,646	5,210
Ward 22.....	19,078			East ward.....	1,573		
Ward 23.....	12,211			North ward.....	1,159		
Milwaukee town <sup>15</sup> .....	4,715	4,610	6,403	South ward.....	2,002		
North Milwaukee village.....	1,860	1,049		West ward.....	910		
Oak Creek town.....	2,052	1,950	2,087	Oconto town.....	1,133	1,042	1,068

<sup>1</sup> Organized from part of Peshigo town in 1905.<sup>2</sup> Incorporated from part of Pound town in 1903.<sup>3</sup> Incorporated from part of Peshigo town in 1903.<sup>4</sup> Parts taken to form Peshigo city in 1903 and Athelstane, Beaver, and Lake towns in 1905.<sup>5</sup> Name changed from Coleman in 1903. Part taken to form Coleman village in 1903.<sup>6</sup> Name changed from Crivitz in 1905.<sup>7</sup> Montello village incorporated from part of Montello town in 1903.<sup>8</sup> Neshkoro village incorporated from part of Neshkoro town in 1903.<sup>9</sup> Westfield village incorporated from part of Westfield town in 1902.<sup>10</sup> Incorporated as a city in 1906.<sup>11</sup> Incorporated from part of Milwaukee town in 1900.<sup>12</sup> Part taken to form part of West Allis city in 1906 and parts annexed to Milwaukee city in 1903 and 1910.<sup>13</sup> Part annexed to Milwaukee city in 1908.<sup>14</sup> Parts of Greenfield town annexed in 1903 and 1910, part of Lake town annexed in 1908, part of Milwaukee town annexed in 1910, and parts of Wauwatosa town annexed in 1900, 1902, 1906, 1909, and 1910.<sup>15</sup> Part taken to form East Milwaukee village in 1900 and part annexed to Milwaukee city in 1910.<sup>16</sup> Parts taken to form West Milwaukee village and part of West Allis city in 1906 and parts annexed to Milwaukee city in 1900, 1902, 1906, 1909, and 1910.<sup>17</sup> Incorporated from parts of Greenfield and Wauwatosa towns in 1906.<sup>18</sup> Incorporated from part of Wauwatosa town in 1906.<sup>19</sup> County total includes population (512) of Lafayette and New Lyme towns, not returned separately in 1890.<sup>20</sup> Part taken to form Wheeler town in 1905.<sup>21</sup> Breed town organized from part of How town in 1801.<sup>22</sup> Parts taken to form Morgan town in 1902 and Pulaski village in 1910.<sup>23</sup> Gillett village incorporated from part of Gillett town in 1910.<sup>24</sup> Organized from part of Chase town in 1902.

# STATISTICS OF POPULATION.

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TABLE I.—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>Oconto County—Continued.</b>				<b>Outagamie County—Continued.</b>			
Oconto Falls town <sup>1</sup> .....	733	1,154	494	New London city (ward 3).....	820	540	368
Oconto Falls village <sup>1</sup> .....	1,427			<i>Total for New London city in Outagamie and Waupaca Counties.</i> .....	<i>3,383</i>	<i>2,748</i>	<i>2,050</i>
Pensaukee town.....	1,531	1,768	1,585	Ward 1.....	763		
Pulaski village <sup>2</sup> (part of).....	81			Ward 2.....	553		
[For total, see Brown County.]				Ward 3.....	820		
Spruce town.....	1,148	1,029		Ward 4.....	786		
Stiles town.....	923		868	Ward 5.....	466		
Underhill town.....	851	631		Oneida town <sup>25</sup> .....	1,237		
Wheeler town <sup>3</sup> .....	215			Osborn town.....	570	656	685
Menominee Indian Reservation (part of).....	199	232		Seymour city.....	1,109	1,020	733
<i>Total for Menominee Indian Reservation in Oconto and Shawano Counties.</i> .....	<i>1,782</i>	<i>1,487</i>		Ward 1.....	593		
				Ward 2.....	517		
<b>Oneida County <sup>4</sup>.....</b>	<b>11,433</b>	<b>8,875</b>	<b>6,510</b>	Seymour town.....	1,183	1,141	977
Cassian town <sup>5</sup> .....	272			Shiocton village <sup>22</sup> .....	536		
Crescent town <sup>7</sup> .....	295			Vandenbroek town <sup>24</sup> .....	716		
Enterprise town <sup>8</sup> .....	166			Welcome village <sup>23</sup> .....	341		
Hazelhurst town <sup>9</sup> .....	597	1,052					
Little Rice town <sup>10</sup> .....	63			<b>Ozaukee County.....</b>	<b>17,123</b>	<b>16,363</b>	<b>14,943</b>
Lynne town <sup>11</sup> .....	149			Belgium town.....	1,643	1,547	1,690
Minocqua town, <sup>12</sup> including part of Lac du Flambeau Indian Reservation.....	753			Cedarburg city.....	1,777	1,626	1,361
<i>Lac du Flambeau Indian Reservation (part of).....</i>	<i>12</i>			Cedarburg town.....	1,449	1,450	1,507
<i>Total for Lac du Flambeau Indian Reservation in Oneida and Vilas Counties.</i> .....	<i>520</i>	<i>661</i>		Fredonia town.....	1,421	1,452	1,666
Monico town <sup>13</sup> .....	384			Grafton town.....	960	1,060	1,010
Newbold town.....	179	258		Grafton village.....	818	478	434
Pelican town <sup>14</sup> .....	573	568		Mequon town.....	2,610	2,792	2,902
Piehl town <sup>15</sup> .....	107			Port Washington city.....	3,792	3,010	1,659
Pine Lake town <sup>16</sup> .....	272			Ward 1.....	1,168		
Rhineland city.....	5,637	4,998	2,658	Ward 2.....	815		
Ward 1.....	761			Ward 3.....	600		
Ward 2.....	327			Ward 4.....	1,209		
Ward 3.....	1,020			Port Washington town.....	1,103	1,081	1,067
Ward 4.....	782			Saukville town.....	1,550	1,667	1,647
Ward 5.....	1,019						
Ward 6.....	1,178			<b>Pepin County.....</b>	<b>7,577</b>	<b>7,905</b>	<b>6,932</b>
Schoepke town <sup>17</sup> .....	342	299		Albany town.....	624	650	459
Sugar Camp town <sup>18</sup> .....	439	485		Durand city.....	1,503	1,458	1,154
Three Lakes town <sup>17</sup> .....	804	554		Ward 1.....	689		
Woodboro town <sup>19</sup> .....	72	661		Ward 2.....	914		
Woodruff town <sup>19</sup> .....	329			Durand town.....	236	267	253
				Frankfort town.....	856	877	648
				Lima town.....	730	743	765
				Pepin town.....	1,023	1,142	1,122
				Pepin village.....	397	407	369
				Stockholm town <sup>20</sup> .....	392	671	711
				Stockholm village <sup>24</sup> .....	204		
				Waterville town.....	1,462	1,522	1,287
				Waubeek town.....	150	168	164
<b>Outagamie County.....</b>	<b>40,102</b>	<b>46,247</b>	<b>38,690</b>	<b>Pierce County.....</b>	<b>22,079</b>	<b>23,943</b>	<b>20,385</b>
Appleton city.....	16,773	15,085	11,809	Bay City village <sup>27</sup> .....	252		
Ward 1.....	3,063			Clifton town.....	632	631	633
Ward 2.....	2,771			Diamond Bluff town.....	476	506	472
Ward 3.....	3,325			Ellsworth town.....	1,226	1,481	1,338
Ward 4.....	1,983			Ellsworth village.....	1,005	1,052	670
Ward 5.....	3,078			Elmwood village <sup>28</sup> .....	585		
Ward 6.....	2,755			El Paso town.....	1,004	1,084	845
Black Creek town <sup>21</sup> .....	1,006	1,482	1,377	Gilman town.....	1,088	1,378	1,239
Black Creek village <sup>21</sup> .....	516			Hartland town.....	1,171	1,182	1,201
Bovina town <sup>22</sup> .....	752	1,034	663	Isabelle town <sup>27</sup> .....	210	447	330
Buchanan town.....	2,028	2,096	1,397	Malden Rock town.....	1,038	1,187	1,176
Center town.....	1,310	1,468	1,488	Malden Rock village.....	337	304	343
Cleero town.....	1,117	1,103	952	Martell town.....	1,155	1,277	1,292
Dale town.....	1,261	1,273	1,207	Oak Grove town.....	748	788	824
Dear Creek town <sup>23</sup> .....	1,105	1,308	632	Plum City village <sup>29</sup> .....	305		
Ellington town.....	1,218	1,188	1,210	Prescott city.....	936	1,002	911
Fredonia town.....	1,692	1,664	1,602	Ward 1.....	351		
Grand Chute town.....	1,849	1,722	1,574	Ward 2.....	283		
Greenville town.....	1,172	1,342	1,246	Ward 3.....	302		
Hortonia town.....	597	654	867	River Falls city (wards 2 to 4).....	1,797	1,850	1,602
Hortonville village.....	863	913	440	<i>Total for River Falls city in Pierce and St. Croix Counties.</i> .....	<i>1,991</i>	<i>2,008</i>	<i>1,783</i>
Kaukauna city.....	4,717	5,115	4,667	Ward 1.....	194		
Ward 1.....	1,168			Ward 2.....	318		
Ward 2.....	1,084			Ward 3.....	435		
Ward 3.....	1,093			Ward 4.....	644		
Ward 4.....	1,006						
Ward 5.....	872						
Kaukauna town <sup>24</sup> .....	705	1,479	1,348				
Liberty town.....	521	599	492				
Little Chute village.....	1,354	944	380				
Maine town.....	723	616	478				
Maple Creek town.....	711	800	815				

<sup>1</sup> Oconto Falls village incorporated from part of Oconto Falls town in 1903.

<sup>2</sup> Incorporated from part of Chase town in 1910.

<sup>3</sup> Organized from part of Armstrong town in 1905.

<sup>4</sup> Part of Vilas County annexed in 1901.

<sup>5</sup> No comparison of population can be made; numerous changes made between 1890 and 1900.

<sup>6</sup> Organized from parts of Hazelhurst and Woodboro towns in 1903.

<sup>7</sup> Organized from parts of Pelican and Woodboro towns in 1903.

<sup>8</sup> Enterprise town organized from part of Schoepke town in 1907.

<sup>9</sup> Parts taken to form parts of Cassian and Minocqua towns in 1903 and 1905, respectively.

<sup>10</sup> Organized from part of Lynne town in 1909.

<sup>11</sup> Organized from part of Woodboro town in 1902; part taken to form Little Rice town in 1909.

<sup>12</sup> Organized from part of Hazelhurst town and territory taken from Vilas County in 1905; part taken to form Woodruff town in 1905.

<sup>13</sup> Organized from parts of Pelican and Three Lakes towns in 1900; part taken to form part of Piehl town in 1908.

<sup>14</sup> Parts taken to form parts of Monico and Crescent towns in 1900 and 1903, respectively.

<sup>15</sup> Organized from parts of Monico and Three Lakes towns in 1908.

<sup>16</sup> Pine Lake town organized from part of Sugar Camp town in 1905.

<sup>17</sup> Name changed from Gagen in 1909. Parts taken to form parts of Monico and Piehl towns in 1900 and 1903, respectively.

<sup>18</sup> Parts taken to form Lynne town in 1902 and parts of Cassian and Crescent towns in 1903.

<sup>19</sup> Organized from part of Minocqua town in 1905.

<sup>20</sup> County totals include population (1,009 in 1900; 923 in 1890) of that part of Oneida Indian Reservation in Outagamie County, taken to form Oneida town since 1900.

<sup>21</sup> Black Creek village incorporated from part of Black Creek town in 1904.

<sup>22</sup> Shiocton village incorporated from part of Bovina town in 1903.

<sup>23</sup> Welcome village incorporated from part of Deer Creek town in 1902.

<sup>24</sup> Vandenbroek town organized from part of Kaukauna town in 1902.

<sup>25</sup> Organized from Oneida Indian Reservation (part of) in 1910.

<sup>26</sup> Stockholm village incorporated from part of Stockholm town in 1903.

<sup>27</sup> Bay City village incorporated from part of Isabelle town in 1909.

<sup>28</sup> Incorporated from part of Spring Lake town in 1905.

<sup>29</sup> Incorporated from part of Union town in 1909.

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>Pierce County—Continued.</b>				<b>Price County.....</b>			
River Falls town.....	1,033	1,254	1,073	Brannan town.....	587	523	516
Rock Elm town.....	1,059	1,270	1,047	Catawba town <sup>12</sup> .....	450		
Salem town.....	885	1,081	845	Eisenstein town <sup>13</sup> .....	579		
Spring Lake town <sup>1</sup> .....	993	1,200	998	Emery town.....	535	371	105
Spring Valley village.....	972	1,021		Fifield town.....	567	373	857
Trenton town.....	833	965	951	Georgetown town <sup>14</sup> .....	198	249	157
Trimbelle town.....	1,310	1,505	1,594	Hackett town.....	289	210	191
Union town <sup>2</sup> .....	1,020	1,478	1,001	Harmony town <sup>14</sup> .....	198		
				Hill town.....	339	242	
<b>Polk County.....</b>				Kennan town <sup>15</sup> .....	250	520	96
Alden town.....	1,522	1,440	1,261	Kennan village <sup>16</sup> .....	184		
Amery village.....	659	905	451	Knox town.....	1,008	411	
Apple River town.....	573	512	365	Lake town <sup>17</sup> .....	937	769	409
Balsam Lake town <sup>3</sup> .....	577	767	431	Ogema town.....	1,054	972	775
Balsam Lake village <sup>3</sup> .....	279			Park Falls village <sup>18</sup> .....	1,972		
Beaver town.....	580	506	333	Phillips city.....	1,948	1,820	
Black Brook town.....	962	899	708	Ward 1.....	679		
Bono Lake town.....	427	166	62	Ward 2.....	656		
Centuria village <sup>4</sup> .....	301			Ward 3.....	613		
Clam Falls town.....	369	340	203	Prentice town.....	559	519	205
Clayton town <sup>5</sup> .....	811	836	618	Prentice village.....	606	939	365
Clayton village <sup>5</sup> .....	220			Worcester town.....	1,535	1,179	1,582
Clear Lake town.....	872	752	951				
Clear Lake village.....	498	527		<b>Racine County.....</b>			
Eureka town.....	1,220	1,041	808	Burlington city.....	3,212	2,526	2,043
Farmington town.....	1,055	1,059	890	Ward 1.....	615		
Frederick village <sup>6</sup> .....	511			Ward 2.....	1,026		
Garfield town.....	938	831	540	Ward 3.....	741		
Georgetown town.....	343	211	85	Ward 4.....	830		
Johnstown town.....	241	138	100	Burlington town.....	1,129	1,052	1,007
Laketown town.....	815	811	668	Caledonia town.....	3,073	2,805	2,732
Lincoln town.....	953	1,010	621	Corliss village <sup>19</sup> .....	525		
Lorain town.....	330	267	210	Dover town.....	820	853	924
Luck town <sup>7</sup> .....	655	526	393	Mount Pleasant town <sup>19</sup> .....	4,219	2,911	2,192
Luck village <sup>7</sup> .....	383			Norway town.....	888	913	841
McKinley town.....	221	110		Racine city.....	38,002	29,102	21,014
Milltown town <sup>8</sup> .....	670	671	459	Ward 1.....	1,455		
Milltown village <sup>8</sup> .....	250			Ward 2.....	3,770		
Osceola town.....	888	847	683	Ward 3.....	4,213		
Osceola village.....	634	466	384	Ward 4.....	4,253		
St. Croix Falls town <sup>4</sup> .....	712	534	53	Ward 5.....	8,140		
St. Croix Falls village.....	569	622	745	Ward 6.....	2,168		
Sterling town.....	733	735	667	Ward 7.....	6,754		
West Sweden town <sup>8</sup> .....	567	282	270	Ward 8.....	2,636		
				Ward 9.....	2,910		
				Ward 10.....	3,998		
				Ward 11.....	3,761		
<b>Portage County.....</b>				Raymond town.....	1,612	1,601	1,734
Alban town <sup>10</sup> .....	1,053	878	593	Rochester town.....	766	750	999
Almond town <sup>11</sup> .....	916	1,080	1,035	Union Grove village.....	616	520	432
Almond village <sup>11</sup> .....	487			Waterford town <sup>20</sup> .....	935	1,564	1,551
Amherst town.....	1,590	1,425	1,324	Waterford village <sup>20</sup> .....	581		
Amherst village.....	629	558	438	Yorkville town.....	1,146	1,047	959
Belmont town.....	857	781	622				
Buena Vista town.....	1,139	1,102	1,061	<b>Richland County.....</b>			
Carson town.....	1,829	1,505	991	Akan town.....	864	916	982
Dewey town.....	825	754		Bloom town.....	1,143	1,201	1,361
Eau Claire town.....	1,094	1,086	748	Buena Vista town.....	1,015	1,104	797
Grant town.....	704	557	417	Cazenovia village <sup>21</sup> .....	392		
Hull town.....	1,028	1,469	1,477	Dayton town.....	958	1,008	1,119
Lanark town.....	897	825	797	Eagle town.....	876	1,003	1,153
Linwood town.....	653	677	365	Forest town.....	767	833	1,151
New Hope town.....	1,001	962	855	Henrietta town.....	1,069	1,140	1,143
Pine Grove town.....	809	565	309	Ithaca town.....	899	916	1,193
Plover town.....	1,580	1,611	1,274	Lone Rock village.....	497	512	342
Rosholt village <sup>10</sup> .....	383			Marshall town.....	800	912	909
Sharon town.....	2,218	2,225	1,940	Orion town.....	873	962	685
Stevens Point city.....	8,692	9,524	7,899	Richland town.....	908	894	847
Ward 1.....	1,231			Richland Center city.....	2,652	2,321	1,819
Ward 2.....	1,350			Ward 1.....	833		
Ward 3.....	1,501			Ward 2.....	970		
Ward 4.....	2,698			Ward 3.....	810		
Ward 5.....	1,274			Richwood town.....	1,198	1,299	1,343
Ward 6.....	658						
Stockton town.....	1,991	1,899	1,698				

1 Part taken to form Elmwood village in 1905.  
 2 Part taken to form Plum City village in 1909.  
 3 Balsam Lake village incorporated from part of Balsam Lake town in 1905.  
 4 Centuria village incorporated from part of St. Croix Falls town in 1904.  
 5 Clayton village incorporated from part of Clayton town in 1909.  
 6 Frederick village incorporated from part of West Sweden town in 1903.  
 7 Luck village incorporated from part of Luck town in 1905.  
 8 Milltown village incorporated from part of Milltown town in 1910.  
 9 County total includes population (895) of Stevens Point town, annexed to Carson, Eau Claire, Hull, and Linwood towns between 1890 and 1900.  
 10 Rosholt village incorporated from part of Alban town in 1907.

11 Almond village incorporated from part of Almond town in 1905.  
 12 Organized from part of Kennan town in 1901.  
 13 Organized from part of Lake town in 1902.  
 14 Harmony town organized from part of Georgetown town in 1907.  
 15 Parts taken to form Catawba town in 1901 and Kennan village in 1903.  
 16 Incorporated from part of Kennan town in 1903.  
 17 Parts taken to form Park Falls village in 1901 and Eisenstein town in 1902.  
 18 Incorporated from part of Lake town in 1901.  
 19 Corliss village incorporated from part of Mount Pleasant town in 1907.  
 20 Waterford village incorporated from part of Waterford town in 1905.  
 21 Incorporated from part of Westford town 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>Richland County—Continued.</b>				<b>St. Croix County—Continued.</b>			
Rockbridge town.....	873	991	1,148	Erin Prairie town.....	690	820	844
Sylvan town.....	799	926	1,013	Forest town.....	583	440	190
Viola village (part of).....	426	237	.....	Glenwood city.....	954	1,789	.....
Total for Viola village in Richland and Vernon Counties.....	671	452	.....	Ward 1.....	394	.....	.....
Westford town <sup>1</sup> .....	749	1,163	1,124	Ward 2.....	255	.....	.....
Willow town.....	991	1,087	1,012	Ward 3.....	367	.....	.....
<b>Rock County.....</b>	<b>55,538</b>	<b>51,203</b>	<b>43,220</b>	Glenwood town.....	1,168	758	1,656
Avon town.....	693	773	806	Hammond town.....	778	844	890
Beloit city.....	15,125	10,436	6,315	Hammond village.....	408	404	388
Ward 1.....	2,010	.....	.....	Hudson city.....	2,810	3,269	2,885
Ward 2.....	4,272	.....	.....	Ward 1.....	436	.....	.....
Ward 3.....	2,275	.....	.....	Ward 2.....	1,078	.....	.....
Ward 4.....	2,781	.....	.....	Ward 3.....	1,296	.....	.....
Ward 5.....	3,787	.....	.....	Hudson town.....	899	849	593
Beloit town.....	827	728	714	Kinnickinnic town.....	630	679	614
Bradford town.....	956	919	849	New Richmond city.....	1,988	1,631	1,408
Center town.....	985	1,090	1,073	Ward 1.....	684	.....	.....
Clinton town.....	975	1,011	1,105	Ward 2.....	790	.....	.....
Clinton village.....	897	871	856	Ward 3.....	564	.....	.....
Edgerton city.....	2,513	2,192	1,595	Pleasant Valley town.....	331	426	529
Ward 1.....	915	.....	.....	Richmond town.....	711	720	826
Ward 2.....	961	.....	.....	River Falls city (ward 1).....	194	158	181
Ward 3.....	687	.....	.....	[For total, see Pierce County.]	.....	.....	.....
Evansville city.....	2,061	1,864	1,523	Rush River town.....	476	582	650
Ward 1.....	600	.....	.....	St. Joseph town.....	934	1,024	774
Ward 2.....	675	.....	.....	Somerset town.....	1,484	1,451	1,148
Ward 3.....	786	.....	.....	Springfield town.....	1,438	1,419	1,431
Fulton town.....	1,169	1,417	1,368	Stanton town <sup>2</sup> .....	667	780	758
Harmony town.....	1,119	1,112	1,083	Star Prairie town <sup>3</sup> .....	1,126	1,280	761
Janesville city.....	13,894	13,185	10,836	Star Prairie village <sup>4</sup> .....	253	.....	.....
Ward 1.....	2,606	.....	.....	Troy town.....	738	735	692
Ward 2.....	2,176	.....	.....	Warren town.....	718	815	736
Ward 3.....	3,444	.....	.....	<b>Sauk County.....</b>	<b>32,869</b>	<b>33,006</b>	<b>30,575</b>
Ward 4.....	3,777	.....	.....	Ableman village.....	444	430	332
Ward 5.....	1,391	.....	.....	Baraboo city.....	6,324	5,751	4,605
Janesville town.....	1,068	1,132	926	Ward 1.....	2,077	.....	.....
Johnstown town.....	953	932	1,034	Ward 2.....	2,739	.....	.....
La Prairie town.....	833	943	832	Ward 3.....	1,503	.....	.....
Lima town.....	925	1,030	1,109	Baraboo town.....	1,376	1,464	1,386
Magnolia town.....	832	1,051	1,098	Bear Creek town.....	953	976	883
Milton town <sup>2</sup> .....	1,673	2,552	2,300	Dellona town.....	625	626	594
Milton village <sup>2</sup> .....	833	.....	.....	Delton town.....	993	916	927
Newark town.....	860	966	1,039	Excelsior town.....	851	954	967
Orfordville village <sup>3</sup> .....	449	.....	.....	Fairfield town.....	646	697	672
Plymouth town.....	1,245	1,349	1,188	Franklin town.....	1,216	1,114	1,044
Porter town.....	940	1,225	1,235	Freedom town.....	901	962	943
Rock town.....	901	958	976	Greenfield town.....	833	924	848
Spring Valley town <sup>4</sup> .....	924	1,446	1,422	Honey Creek town.....	883	993	1,124
Turtle town.....	1,032	1,076	993	Ironton town.....	1,274	1,362	1,455
Union town.....	850	945	950	La Valle town.....	1,009	1,063	1,034
<b>Rusk County<sup>4</sup>.....</b>	<b>11,160</b>	.....	.....	La Valle village.....	421	380	333
Atlanta town.....	919	.....	.....	Merrimac town.....	519	615	847
Big Bend town.....	577	.....	.....	Merrimac village.....	312	350	.....
Bruce village <sup>5</sup> .....	505	.....	.....	North Freedom village.....	647	485	316
Dewey town.....	587	.....	.....	Prairie du Sac town.....	506	541	618
Flambeau town.....	599	.....	.....	Prairie du Sac village.....	699	656	552
Grant town.....	534	.....	.....	Reedsburg city.....	2,615	2,225	1,737
Grow town.....	355	.....	.....	Ward 1.....	1,217	.....	.....
Hawkins town.....	520	.....	.....	Ward 2.....	1,398	.....	.....
Ingram village <sup>6</sup> .....	360	.....	.....	Reedsburg town.....	1,120	1,204	1,112
Ladysmith city <sup>5</sup> .....	2,352	.....	.....	Sauk City village.....	867	810	876
Lawrence town.....	130	.....	.....	Spring Green town.....	501	656	583
Marshall town.....	466	.....	.....	Spring Green village.....	730	621	625
Rusk town.....	375	.....	.....	Sumpter town.....	589	724	761
Strickland town.....	326	.....	.....	Troy town.....	917	950	911
Stubbs town.....	624	.....	.....	Washington town.....	1,154	1,226	1,206
Thornapple town.....	425	.....	.....	Westfield town.....	1,204	1,285	1,357
True town.....	656	.....	.....	Winfield town.....	749	813	793
Washington town.....	268	.....	.....	Woodland town.....	1,081	1,227	1,222
Weyerhauser village <sup>7</sup> .....	371	.....	.....	<b>Sawyer County.....</b>	<b>6,227</b>	<b>3,593</b>	<b>10,977</b>
Willard town.....	151	.....	.....	Couderay town <sup>11</sup> .....	393	.....	.....
<b>St. Croix County.....</b>	<b>25,910</b>	<b>26,930</b>	<b>23,139</b>	Hayward town <sup>12</sup> .....	2,869	2,720	.....
Baldwin town.....	1,337	1,395	1,314	Lenroot town <sup>13</sup> .....	607	.....	.....
Baldwin village.....	584	631	482	Radisson town <sup>14</sup> .....	339	.....	.....
Cady town.....	1,121	1,099	771	Radisson town <sup>14</sup> including Lac Court d'Oreilles Indian Reservation.....	910	.....	.....
Cylon town.....	1,024	991	701	Lac Court d'Oreilles Indian Reservation.....	354	873	.....
Eau Claire town.....	999	1,084	1,374	Sand Lake town <sup>15</sup> .....	333	.....	.....
Emerald town.....	897	787	545	Weirgor town <sup>11</sup> .....	260	.....	.....
				Winter town <sup>15</sup> .....	516	.....	.....

<sup>1</sup> Part taken to form Cazenovia village in 1902.  
<sup>2</sup> Milton village incorporated from part of Milton town in 1904.  
<sup>3</sup> Orfordville village incorporated from part of Spring Valley town in 1900.  
<sup>4</sup> Name changed from Gates in 1905. Organized from part of Chippewa County in 1901.  
<sup>5</sup> Incorporated in 1901.  
<sup>6</sup> Incorporated in 1907.  
<sup>7</sup> Incorporated in 1905.  
<sup>8</sup> Star Prairie village incorporated from parts of Stanton and Star Prairie towns in 1900.

<sup>9</sup> County total includes population (873) of Lac Court d'Oreilles Indian Reservation, returned independently in 1900.  
<sup>10</sup> No comparison of population can be made; not returned by towns in 1890.  
<sup>11</sup> Organized from part of Radisson town in 1907.  
<sup>12</sup> Parts taken to form Radisson, Reserve, Sand Lake, and Winter towns in 1905 and Lenroot town in 1909.  
<sup>13</sup> Organized from part of Hayward town in 1909.  
<sup>14</sup> Organized from part of Hayward town in 1905; parts taken to form Couderay and Weirgor towns in 1907.  
<sup>15</sup> Organized from part of Hayward town in 1905.

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>Shawano County.....</b>	<b>31,884</b>	<b>27,475</b>	<b>19,236</b>	<b>Taylor County—Continued.</b>			
Almon town.....	855	700	463	Greenwood town.....	452	394	233
Angelica town <sup>1</sup> .....	1,514	1,260	680	Grover town.....	187	333	236
Aniwa town.....	660	567	636	Hammel town.....	402	389	.....
Aniwa village.....	274	367	.....	Holway town <sup>12</sup> .....	478	308	.....
Belle Plaine town.....	1,067	997	1,028	Little Black town.....	1,478	1,331	1,131
Biramwood town <sup>2</sup> .....	816	785	731	McKinley town <sup>13</sup> .....	224	.....	.....
Biramwood village.....	678	475	.....	Maplehurst town <sup>13</sup> .....	1,846	1,758	1,193
Cecil village <sup>3</sup> .....	351	.....	.....	Medford city.....	670	.....	.....
Eland village <sup>4</sup> .....	368	.....	.....	Ward 1.....	480	.....	.....
Fairbanks town.....	912	923	792	Ward 2.....	697	.....	.....
Germania town.....	388	308	131	Ward 3.....	1,408	1,394	1,094
Grant town.....	1,140	1,169	1,026	Medford town.....	137	112	117
Green Valley town.....	1,314	1,037	784	Molitor town.....	782	1,698	520
Gresham village <sup>4</sup> .....	350	.....	.....	Rib Lake town <sup>14</sup> .....	1,018	.....	.....
Hartland town.....	1,497	1,442	1,379	Rib Lake village <sup>14</sup> .....	573	.....	.....
Herman town <sup>4</sup> .....	1,138	1,111	853	Roosevelt town <sup>15</sup> .....	210	.....	.....
Hutchins town <sup>5</sup> .....	713	1,469	620	Taft town <sup>15</sup> .....	1,173	1,060	541
Lessor town.....	1,234	1,111	749	Westboro town <sup>13</sup> .....	.....	.....	.....
Maple Grove town <sup>1</sup> .....	1,639	1,814	1,400				
Mattoon village <sup>6</sup> .....	863	.....	.....	<b>Trempealeau County.....</b>	<b>22,928</b>	<b>23,114</b>	<b>18,920</b>
Morris town.....	710	689	400	Albion town <sup>17</sup> .....	785	1,126	847
Navarino town.....	479	413	243	Arcadia town.....	2,587	2,641	2,488
Pella town.....	971	930	816	Arcadia village.....	1,212	1,273	659
Pulaski village <sup>1</sup> (part of)	197	.....	.....	Blair village.....	486	438	.....
[For total, see Brown County.]				Burnside town.....	866	938	825
Richmond town <sup>8</sup> .....	911	1,105	1,128	Caledonia town.....	332	345	379
Seneca town.....	627	515	350	Chimney Rock town.....	963	963	682
Shawano city.....	2,923	1,863	1,505	Dodge town.....	495	495	448
Ward 1.....	1,161	.....	.....	Eleva village <sup>17</sup> .....	319	.....	.....
Ward 2.....	687	.....	.....	Etrick town.....	2,159	1,969	1,841
Ward 3.....	1,076	.....	.....	Gale town.....	1,395	1,384	1,279
Tigerton village.....	728	723	.....	Galesville village.....	973	862	537
Washington town <sup>3</sup> .....	1,072	1,322	1,242	Hale town.....	1,553	1,773	1,566
Waukechon town.....	1,044	940	846	Independence village.....	664	630	382
Wescott town <sup>6</sup> .....	288	.....	.....	Lincoln town.....	835	786	633
Wittenberg town.....	947	1,011	658	Osseo village.....	548	472	.....
Wittenberg village.....	1,090	798	726	Pigeon town.....	1,203	1,209	1,038
Menominee Indian Reservation (part of)	1,583	1,255	.....	Preston town.....	1,655	1,693	1,811
[For total, see Oconto County.]				Sumner town.....	719	767	854
Stockbridge Indian Reservation.....	538	376	.....	Trempealeau town.....	899	1,152	1,584
				Trempealeau village.....	535	609	.....
<b>Sheboygan County.....</b>	<b>54,888</b>	<b>50,345</b>	<b>42,489</b>	Unity town.....	1,042	989	763
Cedar Grove village.....	498	327	.....	Whitehall village.....	703	600	304
Eikhart Lake village.....	499	464	.....				
Greenbush town.....	1,599	1,689	1,690	<b>Vernon County.....</b>	<b>28,116</b>	<b>28,351</b>	<b>26,111</b>
Herman town.....	1,913	1,940	1,998	Bergen town <sup>18</sup> .....	810	1,184	1,011
Holland town <sup>7</sup> .....	2,175	2,551	2,374	Christiana town.....	1,318	1,264	1,521
Lima town.....	1,847	1,949	1,921	Clinton town.....	1,177	1,214	1,045
Lyndon town.....	1,742	1,732	1,912	Coon town <sup>19</sup> .....	1,184	1,324	1,188
Mitchell town.....	969	974	863	Coon Valley village <sup>19</sup> .....	201	.....	.....
Mosel town.....	884	885	.....	De Soto village (part of)	269	300	276
Oostburg village <sup>7</sup> .....	890	.....	.....	[For total, see Crawford County.]			
Plymouth city.....	3,094	2,287	1,503	Forest town.....	1,205	1,250	1,055
Ward 1.....	1,007	.....	.....	Franklin town.....	1,249	1,237	1,289
Ward 2.....	1,007	.....	.....	Genoa town.....	1,026	1,077	1,026
Plymouth town.....	1,415	1,398	1,350	Greenwood town.....	848	1,027	1,120
Random Lake village <sup>8</sup> .....	408	.....	.....	Hamburg town.....	1,101	1,070	1,081
Rhine town.....	1,133	1,285	1,612	Harmony town.....	906	1,103	1,106
Russell town.....	444	437	430	Hillsboro town.....	1,076	1,182	1,178
Russell town.....	1,331	1,432	1,473	Hillsboro village.....	804	785	461
Scott town.....	26,308	22,962	16,359	Jefferson town.....	1,462	1,548	1,400
Sheboygan city.....	3,708	.....	.....	Kickapoo town.....	831	874	1,185
Ward 1.....	2,045	.....	.....	La Farge village.....	654	488	.....
Ward 2.....	1,662	.....	.....	Liberty town.....	437	539	663
Ward 3.....	1,271	.....	.....	Ontario village (part of)	304	298	.....
Ward 4.....	3,156	.....	.....	[For total, see Monroe County.]			
Ward 5.....	1,875	.....	.....	Readstown village.....	515	403	.....
Ward 6.....	4,044	.....	.....	Stark town.....	813	907	1,033
Ward 7.....	6,697	.....	.....	Sterling town.....	1,177	1,187	1,152
Ward 8.....	2,289	2,181	2,117	Stoddard village <sup>18</sup> .....	343	.....	.....
Sheboygan Falls town.....	1,621	1,690	1,677	Union town.....	794	849	819
Sheboygan Falls village.....	1,630	1,301	1,118	Viola village (part of)	245	195	.....
Sherman town <sup>8</sup> .....	1,489	1,813	1,736	[For total, see Richland County.]			
Sherman town <sup>8</sup> .....	1,489	1,813	1,736	Viroqua city.....	2,059	1,950	1,270
Wilson town.....	1,080	1,078	1,044	Ward 1.....	670	.....	.....
				Ward 2.....	655	.....	.....
<b>Taylor County.....</b>	<b>13,641</b>	<b>11,263</b>	<b>6,731</b>	Ward 3.....	734	.....	.....
Aurora town <sup>10</sup> .....	583	106	.....	Viroqua town.....	1,787	1,862	1,680
Browning town <sup>11</sup> .....	528	586	230	Webster town.....	1,129	1,123	1,092
Chelsea town.....	611	787	613	Westby village.....	902	524	.....
Cleveland town.....	305	231	.....	Wheatland town.....	571	668	603
Deer Creek town.....	918	775	573	Whitestown town.....	829	914	863
Goodrich town <sup>11</sup> .....	195	.....	.....				

<sup>1</sup> Pulaski village incorporated from parts of Angelica and Maple Grove towns in 1910.  
<sup>2</sup> Eland village incorporated from part of Birnamwood town in 1904.  
<sup>3</sup> Cecil village incorporated from part of Washington town in 1905.  
<sup>4</sup> Gresham village incorporated from part of Herman town in 1908.  
<sup>5</sup> Mattoon village incorporated from part of Hutchins town in 1901.  
<sup>6</sup> Wescott town organized from part of Richmond town in 1901.  
<sup>7</sup> Oostburg village incorporated from part of Holland town in 1909.  
<sup>8</sup> Random Lake village incorporated from part of Sherman town in 1907.  
<sup>9</sup> County total includes population (190) of Pine Creek town, taken to form Holway town and part of Aurora town between 1890 and 1900.  
<sup>10</sup> Part taken to form Roosevelt town in 1905.

<sup>11</sup> Goodrich town organized from part of Browning town in 1903.  
<sup>12</sup> Maplehurst town organized from part of Holway town in 1905.  
<sup>13</sup> McKinley town organized from part of Westboro town in 1905.  
<sup>14</sup> Rib Lake village incorporated from part of Rib Lake town in 1901 and made independent in 1902.  
<sup>15</sup> Organized from part of Aurora town in 1905; part taken to form Taft town in 1909.  
<sup>16</sup> Organized from part of Roosevelt town in 1909.  
<sup>17</sup> Eleva village incorporated from part of Albion town in 1902.  
<sup>18</sup> Stoddard village incorporated from part of Bergen town in 1904.  
<sup>19</sup> Coon Valley village incorporated from part of Coon town in 1907.



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>Waupaca County—Continued.</b>				<b>Winnebago County—Continued.</b>			
Iola village.....	850	558	.....	Omro town.....	1,016	1,163	1,038
Larrabee town.....	1,321	1,398	1,430	Omro village.....	1,285	1,358	1,232
Lebanon town.....	869	939	932	Oshkosh city <sup>6</sup> .....	33,002	28,284	22,836
Lind town.....	1,010	1,096	1,010	Ward 1.....	1,480	.....	.....
Little Wolf town.....	1,248	1,421	1,137	Ward 2.....	2,430	.....	.....
Manawa village.....	820	744	350	Ward 3.....	1,700	.....	.....
Marion village.....	798	602	470	Ward 4.....	2,237	.....	.....
Matteson town.....	880	897	860	Ward 5.....	2,323	.....	.....
Mukwa town.....	906	956	1,040	Ward 6.....	3,111	.....	.....
New London city (wards 1, 2, 4, and 5) [For total, see Outagamie County.]	2,563	2,202	1,682	Ward 7.....	1,595	.....	.....
Royalton town.....	1,323	1,272	1,108	Ward 8.....	2,029	.....	.....
St. Lawrence town.....	1,187	1,178	1,004	Ward 9.....	2,129	.....	.....
Scandinavia town.....	924	921	1,142	Ward 10.....	3,477	.....	.....
Scandinavia village.....	355	320	.....	Ward 11.....	2,202	.....	.....
Union town.....	1,180	1,309	1,153	Ward 12.....	3,265	.....	.....
Waupaca city.....	2,769	2,912	2,127	Ward 13.....	4,694	.....	.....
Ward 1.....	310	.....	.....	Oshkosh town <sup>9</sup> .....	1,920	1,812	1,489
Ward 2.....	703	.....	.....	Poygan town.....	662	742	747
Ward 3.....	638	.....	.....	Rushford town.....	1,427	1,652	1,608
Ward 4.....	638	.....	.....	Utica town.....	855	967	981
Waupaca town.....	941	960	964	Winland town.....	971	1,018	936
Weyauwega town.....	603	579	548	Winchester town.....	968	1,041	1,030
Weyauwega village.....	907	911	700	Winneconne town.....	704	746	698
Wyoming town.....	648	497	.....	Winneconne village.....	940	1,042	1,086
				Wolf River town.....	865	970	919
<b>Waushara County.....</b>				<b>Wood County.....</b>			
	<b>18,686</b>	<b>16,972</b>	<b>13,507</b>		<b>30,583</b>	<b>26,866</b>	<b>18,127</b>
Aurora town.....	936	1,025	934	Arpin town <sup>7</sup> .....	811	.....	.....
Berlin city (ward 2, part of) [For total, see Green Lake County.]	50	41	31	Auburndale town.....	1,065	959	656
Bloomfield town.....	1,131	1,256	1,278	Auburndale village.....	297	241	253
Coloma town.....	977	827	723	Cameron town <sup>8</sup> .....	243	.....	.....
Dakota town.....	464	548	578	Cary town <sup>9</sup> .....	282	.....	.....
Deerfield town.....	710	656	453	Cranmoor town <sup>10</sup> .....	123	.....	.....
Hancock town.....	688	1,103	660	Dexter town <sup>11</sup> .....	302	.....	.....
Hancock village <sup>1</sup> .....	510	.....	.....	Grand Rapids city.....	6,521	4,493	1,702
Leon town.....	742	826	731	Ward 1.....	649	.....	.....
Marion town.....	972	854	623	Ward 2.....	964	.....	.....
Mount Morris town.....	611	658	688	Ward 3.....	671	.....	.....
Oasis town.....	716	826	707	Ward 4.....	912	.....	.....
Plainfield town.....	784	921	790	Ward 5.....	1,066	.....	.....
Plainfield village.....	723	728	450	Ward 6.....	869	.....	.....
Poysippi town.....	976	1,046	912	Ward 7.....	723	.....	.....
Redgranite village <sup>2</sup> .....	1,521	.....	.....	Ward 8.....	677	.....	.....
Richford town.....	555	591	573	Grand Rapids town.....	1,056	825	627
Rose town <sup>3</sup> .....	785	823	577	Hansen town <sup>4</sup> .....	856	.....	.....
Saxeville town.....	808	827	765	Hiles town <sup>12</sup> .....	149	.....	.....
Springwater town <sup>5</sup> .....	608	653	541	Lincoln town.....	1,179	1,128	870
Warren town <sup>2</sup> .....	1,408	848	796	Marshfield city <sup>8</sup> .....	5,783	5,240	3,450
Wautoma town <sup>4</sup> .....	666	1,060	704	Ward 1.....	1,132	.....	.....
Wautoma village <sup>4</sup> .....	964	.....	.....	Ward 2.....	471	.....	.....
Wild Rose village <sup>5</sup> .....	551	.....	.....	Ward 3.....	1,008	.....	.....
				Ward 4.....	1,446	.....	.....
				Ward 5.....	898	.....	.....
				Ward 6.....	799	.....	.....
<b>Winnebago County.....</b>	<b>62,116</b>	<b>58,226</b>	<b>50,097</b>	Marshfield town.....	849	881	701
Algoma town.....	890	840	757	Milladore town.....	1,184	1,025	760
Black Wolf town.....	671	778	837	Nekoosa village.....	1,570	745	.....
Clayton town.....	1,125	1,161	1,170	Pittsville city.....	460	634	663
Menasha city.....	6,081	5,589	4,581	Ward 1.....	272	.....	.....
Ward 1.....	1,687	.....	.....	Ward 2.....	96	.....	.....
Ward 2.....	1,439	.....	.....	Ward 3.....	36	.....	.....
Ward 3.....	978	.....	.....	Port Edwards town <sup>13</sup> .....	513	1,161	582
Ward 4.....	1,282	.....	.....	Port Edwards village <sup>14</sup> .....	756	.....	.....
Menasha town.....	654	646	595	Remington town <sup>15</sup> .....	419	708	427
Neenah city.....	5,734	5,954	5,083	Richfield town.....	717	571	194
Ward 1.....	1,816	.....	.....	Rock town.....	701	823	597
Ward 2.....	1,290	.....	.....	Rudolph town.....	1,035	1,046	1,087
Ward 3.....	2,098	.....	.....	Saratoga town.....	559	416	326
Ward 4.....	530	.....	.....	Seneca town <sup>16</sup> .....	449	976	875
Neenah town.....	519	533	.....	Sherry town.....	651	618	487
Neshkum town.....	908	900	1,028	Sigel town.....	1,476	1,488	1,232
Nepesuskun town.....	859	939	908	Wood town <sup>17</sup> .....	595	1,118	891

<sup>1</sup> Hancock village incorporated from part of Hancock town in 1902.<sup>2</sup> Redgranite village incorporated from part of Warren town in 1904.<sup>3</sup> Wild Rose village incorporated from parts of Rose and Springwater towns in 1904.<sup>4</sup> Wautoma village incorporated from part of Wautoma town in 1900 and made independent in 1901.<sup>5</sup> Part of Oshkosh town annexed to Oshkosh city in 1906.<sup>6</sup> County totals include population (774 in 1900; 322 in 1890) of Vesper town, taken to form Arpin and Hansen towns since 1900; and population (1,435 in 1890) of Centralia city, annexed to Grand Rapids city between 1890 and 1900.<sup>7</sup> Organized from part of Vesper town in 1901.<sup>8</sup> Cameron town organized from part of Marshfield city in 1903.<sup>9</sup> Organized from part of Wood town in 1901.<sup>10</sup> Organized from parts of Port Edwards and Seneca towns in 1903.<sup>11</sup> Organized from parts of Remington and Wood towns in 1901; part taken to form Hiles town in 1902.<sup>12</sup> Organized from part of Dexter town in 1902.<sup>13</sup> Parts taken to form Port Edwards village in 1902 and part of Cranmoor town in 1903.<sup>14</sup> Incorporated from part of Port Edwards town in 1902.<sup>15</sup> Part taken to form part of Dexter town in 1901.<sup>16</sup> Part taken to form part of Cranmoor town in 1903.<sup>17</sup> Parts taken to form Cary town and part of Dexter town in 1901.

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

CITY OR VILLAGE.	County.	1910	1900	1890	CITY OR VILLAGE.	County.	1910	1900	1890
Abbotsford village.	Clark.	947	443	.....	Dallas village.	Barron.	342	.....	.....
Ablesman village.	Sauk.	444	430	332	Dane village.	Dane.	206	280	.....
Albany village.	Green.	689	797	698	Darlington city.	Lafayette.	1,808	1,808	1,589
Algoma city.	Kewaunee.	2,082	1,738	1,015	De Forest village.	Dane.	431	.....	.....
Alma city.	Buffalo.	1,011	1,201	1,428	De Pere city.	Brown.	4,477	4,038	3,625
Alma Center village.	Jackson.	417	.....	.....	De Soto village.	Crawford.	331	387	355
Almond village.	Portage.	487	.....	.....	Deerfield village.	Vernon.	533	515	338
Altoona city.	Eau Claire.	824	721	805	Delavan city.	Walworth.	2,450	2,244	2,038
Amery village.	Polk.	659	905	451	Dodgeville city.	Iowa.	1,791	1,865	1,722
Amherst village.	Portage.	629	558	438	Dorchester village.	Clark.	476	.....	.....
Aniwa village.	Shawano.	274	367	.....	Downing village.	Dunn.	319	.....	.....
Antigo city.	Langlade.	7,196	5,145	4,424	Doylestown village.	Columbia.	259	.....	.....
Appleton city.	Outagamie.	16,773	15,085	11,869	Durand city.	Peppin.	1,503	1,458	1,154
Arcadia village.	Trempealeau.	1,212	1,273	659	Eagle village.	Waukesha.	339	324	.....
Argyle village.	Lafayette.	608	.....	.....	East Milwaukee village.	Milwaukee.	707	.....	.....
Ashland city.	Ashland.	11,594	13,074	9,950	East Troy village.	Walworth.	673	.....	.....
Athens village.	Marathon.	904	.....	.....	Eastman village.	Crawford.	233	.....	.....
Auburndale village.	Wood.	297	241	253	Eau Claire city.	Eau Claire.	18,310	17,517	17,415
Augusta city.	Eau Claire.	1,405	1,256	1,187	Edgar village.	Marathon.	746	478	.....
Avoca village.	Iowa.	436	406	278	Edgerton city.	Rock.	2,513	2,192	1,595
Baldwin village.	St. Croix.	584	631	482	Eland village.	Shawano.	368	.....	.....
Balsam Lake village.	Polk.	270	.....	.....	Eleva village.	Trempealeau.	319	.....	.....
Bangor village.	La Crosse.	692	633	499	Elk Mound village.	Dunn.	302	.....	.....
Baraboo city.	Sauk.	6,324	5,751	4,605	Elkhart Lake village.	Sheboygan.	499	464	.....
Barneveld village.	Iowa.	317	.....	.....	Elkhorn city.	Walworth.	1,707	1,731	1,447
Barron city.	Barron.	1,449	1,493	829	Ellsworth village.	Pierce.	1,005	1,052	670
Bay City village.	Pierce.	252	.....	.....	Elmwood village.	Pierce.	685	.....	.....
Beaver Dam city.	Dodge.	6,758	5,128	4,222	Elroy city.	Juneau.	1,729	1,685	1,413
Bell Center village.	Crawford.	216	.....	.....	Embarrass village.	Waupaca.	283	270	.....
Belleville village.	Dane.	422	385	310	Evansville city.	Rock.	2,061	1,864	1,523
Belmont village.	Lafayette.	532	509	378	Fair Oaks village.	Dane.	891	.....	.....
Beloit city.	Rock.	15,125	10,436	6,315	Fairchild village.	Eau Claire.	678	947	645
Benton village.	Lafayette.	652	546	414	Fall Creek village.	Eau Claire.	623	.....	.....
Berlin city.	Green Lake.	4,636	4,489	4,149	Fall River village.	Columbia.	360	.....	.....
Biramwood village.	Waushara.	678	475	.....	Fennimore village.	Grant.	1,159	1,035	616
Black Creek village.	Outagamie.	516	.....	.....	Fenwood village.	Marathon.	220	.....	.....
Black Earth village.	Dane.	479	.....	.....	Fond du Lac city.	Fond du Lac.	18,797	15,110	12,024
Black River Falls city.	Jackson.	1,917	1,938	2,261	Fort Atkinson city.	Jefferson.	3,877	3,043	2,283
Blair village.	Trempealeau.	486	438	.....	Fountain City.	Buffalo.	1,031	1,031	972
Blaichardville village.	Lafayette.	643	573	.....	Fox Lake village.	Dodge.	851	890	814
Bloomer village.	Chippewa.	1,204	811	631	Frederick village.	Polk.	311	.....	.....
Bloomington village.	Grant.	620	611	687	Fremont village.	Waupaca.	505	263	275
Boscobel city.	Grant.	1,525	1,437	1,670	Friendship village.	A dams.	276	.....	.....
Boyd village.	Chippewa.	627	674	545	Galesville village.	Trempealeau.	673	862	537
Brandon village.	Fond du Lac.	684	663	660	Gays Mills village.	Crawford.	557	.....	.....
Brillion village.	Calumet.	998	855	582	Genoa Junction village.	Walworth.	709	.....	.....
Broadhead city.	Green.	1,517	1,584	1,461	Gillett village.	Oconto.	610	.....	.....
Brokaw village.	Marathon.	458	.....	.....	Glenwood city.	St. Croix.	954	1,789	.....
Brooklyn village.	Dane.	362	.....	.....	Grafton village.	Ozaukee.	818	478	434
Browtown village.	Green.	222	246	.....	Grand Rapids city.	Wood.	6,521	4,493	1,702
Bruce village.	Rusk.	565	.....	.....	Grantsburg village.	Burnett.	721	612	410
Buffalo city.	Buffalo.	255	254	223	Gratlot village.	Lafayette.	308	335	.....
Burlington city.	Racine.	3,212	2,526	2,043	Green Bay city.	Brown.	25,236	18,084	9,060
Butternut village.	Ashland.	717	.....	.....	Green Lake village.	Green Lake.	593	450	204
Cadott village.	Chippewa.	765	840	889	Greenwood city.	Clark.	605	708	.....
Cambria village.	Columbia.	657	561	524	Gresham village.	Shawano.	350	.....	.....
Cambridge village.	Dane.	507	.....	.....	Hammond village.	St. Croix.	408	404	388
Cameron village.	Barron.	562	394	.....	Hancock village.	Waushara.	510	.....	.....
Camp Douglas village.	Juneau.	473	432	225	Hartford city.	Washington.	2,882	1,632	1,296
Campbellsport village.	Fond du Lac.	650	.....	.....	Hartland village.	Waukesha.	728	629	480
Cashton village.	Monroe.	568	510	.....	Hazel Green village.	Grant.	621	442	426
Cassville village.	Grant.	890	979	883	Highland village.	Iowa.	1,066	913	751
Cazenovia village.	Richland.	392	.....	.....	Hilbert village.	Calumet.	572	497	.....
Cecil village.	Shawano.	351	.....	.....	Hillsboro village.	Vernon.	804	785	461
Cedar Grove village.	Sheboygan.	498	327	.....	Hollandale village.	Iowa.	265	.....	.....
Cedarburg city.	Ozaukee.	1,777	1,626	1,361	Horicon city.	Dodge.	1,881	1,376	1,354
Centuria village.	Polk.	301	.....	.....	Hortonville village.	Outagamie.	863	913	440
Chetek city.	Barron.	829	631	406	Hudson city.	St. Croix.	2,810	3,259	2,885
Chilton city.	Calumet.	1,530	1,460	1,424	Hustisford village.	Dodge.	615	540	513
Chippewa Falls city.	Chippewa.	8,893	8,094	8,670	Independence village.	Trempealeau.	664	630	382
Clayton village.	Polk.	220	.....	.....	Ingram village.	Rusk.	360	.....	.....
Clear Lake village.	Polk.	498	527	.....	Iola village.	Waupaca.	850	558	.....
Clinton village.	Rock.	897	871	859	Jacobsville city.	Rock.	13,894	13,185	10,836
Clintonville city.	Waupaca.	1,747	1,653	1,466	Jefferson city.	Jefferson.	2,582	2,584	2,287
Cobb village.	Iowa.	230	.....	.....	Johnson Creek village.	Jefferson.	425	.....	.....
Colby city.	Clark.	869	667	.....	Juneau city.	Dodge.	1,003	891	701
Coleman village.	Marathon.	436	.....	.....	Kaukauna city.	Outagamie.	4,717	5,115	4,607
Colfax village.	Marquette.	701	.....	.....	Kendall village.	Monroe.	477	460	304
Columbus city.	Dunn.	2,523	2,349	1,977	Kenan village.	Price.	184	.....	.....
Coon Valley village.	Columbia.	291	.....	.....	Kenosha city.	Kenosha.	21,371	11,606	6,532
Corliss village.	Racine.	625	.....	.....	Kewaskum village.	Washington.	625	679	557
Crandon city.	Forest.	1,833	.....	.....	Kewaunee city.	Kewaunee.	1,839	1,773	1,216
Cuba City village.	Grant.	967	636	.....	Kiel village.	Manitowoc.	1,244	924	497
Cudahy city.	Milwaukee.	3,691	1,366	.....	Kilbourn City village.	Columbia.	1,170	1,134	961
Cumberland city.	Barron.	1,445	1,328	1,219	Knapp village.	Dunn.	413	.....	.....

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

CITY OR VILLAGE.	County.	1910	1900	1890	CITY OR VILLAGE.	County.	1910	1900	1890
La Crosse city.....	La Crosse	30,417	28,805	25,090	Owen village.....	Clark	745	.....	.....
La Farge village.....	Vernon	654	488	.....	Palmyra village.....	Jefferson	649	716	567
La Valle village.....	Sauk	421	385	333	Pardeeville village.....	Columbia	987	788	.....
Ladysmith city.....	Rusk	2,352	.....	.....	Park Falls village.....	Price	1,972	.....	.....
Lake Geneva city.....	Walworth	3,079	2,585	2,297	Peplin village.....	Peplin	397	407	369
Lake Mills city.....	Jefferson	1,672	1,387	1,053	Peshigo city.....	Marquette	1,975	.....	.....
Lake Nebagannon village.....	Douglas	433	.....	.....	Powaukee village.....	Waukesha	749	714	680
Lancaster city.....	Grant	2,329	2,403	1,543	Price.....	Price	1,948	1,820	.....
Linden village.....	Iowa	530	543	462	Phillipsville city.....	Wood	450	634	653
Little Chute village.....	Outagamie	1,354	944	380	Plainfield village.....	Waushara	723	728	459
Lodi village.....	Columbia	1,044	1,068	736	Platteville city.....	Grant	4,452	3,340	2,740
Loma village.....	Dodge	529	492	.....	Plum City village.....	Pierce	305	.....	.....
Lone Rock village.....	Richland	437	512	342	Plymouth city.....	Sheboygan	3,094	2,267	1,503
Lowell village.....	Dodge	318	333	304	Port Edwards village.....	Wood	758	.....	.....
Loyal village.....	Clark	677	645	.....	Port Washington city.....	Ozaukee	3,792	3,010	1,659
Luck village.....	Polk	383	.....	.....	Portage city.....	Columbia	5,440	5,469	5,143
Luxemburg village.....	Kewaunee	402	.....	.....	Potosi village.....	Grant	464	434	.....
Lynxton Station village.....	Juneau	275	.....	.....	Poynette village.....	Columbia	656	633	517
Lynxville village.....	Crawford	274	322	243	Prairie du Sac city.....	Crawford	3,149	3,232	3,131
McMillan village.....	Marathon	130	200	.....	Prairie du Shen village.....	Sauk	699	656	562
Madison city.....	Dane	25,531	19,164	13,426	Prairie Farm village.....	Barron	368	.....	.....
Maiden Rock village.....	Pierce	337	304	343	Prentice village.....	Pierce	606	930	365
Manawa village.....	Waupaca	820	744	350	Prescott city.....	Pierce	936	1,002	911
Manitowoc city.....	Manitowoc	13,027	11,786	7,710	Princeton village.....	Green Lake	1,269	1,202	986
Marathon village.....	Marathon	656	528	268	Pulaski village.....	Brown	.....	.....	.....
Marinette city.....	Marinette	14,610	16,195	11,523	.....	Oconto	436	.....	.....
Marion village.....	Waupaca	798	802	470	.....	Shawano	.....	.....	.....
Markesan village.....	Green Lake	892	706	476	Racine city.....	Racine	38,002	29,102	21,014
Marshall village.....	Dane	459	.....	.....	Randolph village.....	Columbia	937	738	406
Marshfield city.....	Wood	5,783	5,240	3,450	Random Lake village.....	Dodge	408	.....	.....
Mattoon village.....	Shawano	868	.....	.....	Readstown village.....	Sheboygan	515	403	.....
Mauston city.....	Juneau	1,701	1,718	1,342	Redgranite village.....	Vernon	1,521	.....	.....
Mayville city.....	Dodge	2,282	1,815	1,165	Reedsburg city.....	Sauk	2,615	2,225	1,737
Mazomanie village.....	Dane	917	902	1,034	Reedsville village.....	Manitowoc	550	428	329
Medford city.....	Taylor	1,846	1,758	1,193	Reeseville village.....	Dodge	352	303	329
Mellen city.....	Ashland	1,833	.....	.....	Resey village.....	Iowa	329	.....	.....
Menasha city.....	Winnebago	6,081	5,589	4,581	Rhinelander city.....	Oncida	5,637	4,998	2,658
Menomonie Falls village.....	Waukesha	919	637	422	Rib Lake village.....	Oneida	1,018	.....	.....
Menomonie city.....	Dunn	5,036	5,655	5,491	Rice Lake city.....	Barron	3,968	3,002	2,130
Merrill city.....	Lincoln	8,689	8,537	6,809	Richland Center city.....	Richland	2,652	2,321	1,819
Merrillan village.....	Jackson	625	739	639	Ridgeway village.....	Iowa	437	.....	.....
Merrimac village.....	Sauk	312	350	.....	Rio village.....	Columbia	704	479	339
Middleton village.....	Dane	679	.....	.....	Ripon city.....	Fond du Lac	3,739	3,818	3,358
Mildtown village.....	Polk	250	.....	.....	River Falls city.....	Pierce	1,991	2,008	1,783
Milton village.....	Rock	833	.....	.....	Rosholt village.....	St. Croix	383	.....	.....
Milwaukee city.....	Milwaukee	373,857	285,315	204,408	St. Cloud village.....	Fond du Lac	309	.....	.....
Mineral Point city.....	Iowa	2,925	2,991	2,694	St. Croix Falls village.....	Polk	509	622	745
Mondovi city.....	Buffalo	1,325	1,208	503	Sauk City village.....	Sauk	867	810	876
Monroe city.....	Green	4,410	3,927	3,768	Scandinavia village.....	Waupaca	355	320	.....
Montello village.....	Marquette	1,104	.....	.....	Schellsingerville village.....	Washington	538	549	432
Montfort village.....	Grant	558	627	467	Schofield village.....	Marathon	889	.....	.....
Monticello village.....	Green	671	559	407	Seymour city.....	Outagamie	1,109	1,026	733
Mosinee village.....	Marathon	432	657	427	Sharon village.....	Walworth	879	945	878
Mount Horeb village.....	Dane	1,048	884	.....	Shawano city.....	Shawano	2,923	1,863	1,605
Mukwonago village.....	Waukesha	615	.....	.....	Sheboygan city.....	Sheboygan	20,398	22,902	10,359
Muscoda village.....	Grant	798	743	605	Sheboygan Falls village.....	Sheboygan	1,630	1,301	1,118
Necedah village.....	Juneau	1,054	1,209	1,708	Shell Lake village.....	Washington	902	.....	.....
Neesah city.....	Winnebago	5,734	5,954	5,083	Shiocton village.....	Outagamie	536	.....	.....
Nellisville city.....	Clark	1,957	2,104	1,930	Shullsburg city.....	Lafayette	1,063	1,250	1,393
Nekoosa village.....	Wood	1,570	745	.....	Soldiers Grove village.....	Crawford	687	.....	.....
Neosho village.....	Dodge	304	.....	.....	South Milwaukee city.....	Milwaukee	6,092	3,392	.....
Neshkoro village.....	Marquette	379	.....	.....	Sparta city.....	Monroe	3,973	3,555	2,795
New Auburn village.....	Chippewa	364	.....	.....	Spencer village.....	Marathon	362	.....	.....
New Glarus village.....	Green	708	.....	.....	Spooner city.....	Washington	1,453	.....	.....
New Holstein village.....	Calumet	839	.....	.....	Spring Green village.....	Sauk	730	621	625
New Lisbon city.....	Juneau	1,074	1,014	990	Spring Valley village.....	Pierce	972	1,021	.....
New London city.....	Outagamie	3,383	2,742	2,050	Stanley city.....	Chippewa	2,675	2,387	.....
New Richmond city.....	Waupaca	1,988	1,631	1,408	Star Prairie village.....	St. Croix	253	.....	.....
North Fond du Lac village.....	Fond du Lac	1,960	.....	.....	Stauben village.....	Crawford	237	.....	.....
North Freedom village.....	Sauk	647	465	316	Stevens Point city.....	Portage	8,692	9,524	7,896
North Milwaukee village.....	Milwaukee	1,860	1,049	.....	Stockbridge village.....	Calumet	328	.....	.....
Northwalk village.....	Monroe	502	357	.....	Stockholm village.....	Peplin	204	.....	.....
Oakfield village.....	Fond du Lac	522	.....	.....	Stoddard village.....	Vernon	343	.....	.....
Oconomowoc city.....	Waukesha	3,054	2,880	2,729	Stoughton city.....	Dane	4,761	3,431	2,470
Oconto city.....	Oconto	5,629	5,046	5,219	Stratford village.....	Marathon	763	.....	.....
Oconto Falls village.....	Oconto	1,427	.....	.....	Sturgeon Bay city.....	Door	4,262	3,372	2,165
Omro village.....	Winnebago	1,285	1,368	1,232	Sun Prairie village.....	Dane	1,119	938	704
Onalaska city.....	La Crosse	1,146	1,308	1,587	Superior city.....	Douglas	40,384	31,091	11,983
Ontario village.....	Monroe	383	389	.....	Theresa village.....	Dodge	345	355	.....
Oostburg village.....	Vernon	380	.....	.....	Thorp village.....	Clark	741	838	723
Oregon village.....	Dane	712	697	505	Tigerton village.....	Shawano	723	723	.....
Orfordville village.....	Rock	449	.....	.....	Tomah city.....	Monroe	3,419	2,840	2,199
Oscola village.....	Polk	634	466	334	Tomahawk city.....	Lincoln	2,907	2,291	1,816
Oshkosh city.....	Winnebago	33,062	28,284	22,836	Trempealeau village.....	Trempealeau	535	609	.....
Osseo village.....	Trempealeau	648	472	.....	Turtle Lake village.....	Barron	442	326	.....
					Two Rivers city.....	Manitowoc	4,850	3,784	2,870
					Union Grove village.....	Racine	616	520	432

STATISTICS OF POPULATION.

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

CITY OR VILLAGE.	County.	1910	1900	1890	CITY OR VILLAGE.	County.	1910	1900	1890
Unity village.....	{Clark.....	363			West Allis city.....	Milwaukee.....	6,645		
	{Marathon.....				West Bend city.....	Washington.....	2,462	2,119	1,296
Viola village.....	{Richland.....		671	432		West Milwaukee village.....	Milwaukee.....	1,458	
	{Vernon.....	2,059	1,950	1,270	West Salem village.....	La Crosse.....	840	725	542
Viroqua city.....	{Walworth.....				755				
Walworth village.....					Westby village.....	Vernon.....	902	524	
Washburn city.....	Bayfield.....	3,830			Westfield village.....	Marquette.....	729		
Waterford village.....	Racine.....	581			Weston village.....	Dunn.....	327		
Waterloo village.....	Jefferson.....	1,220	1,137	862	Weyauwega village.....	Waupaca.....	967	911	706
Watertown city.....	{Dodge.....	8,829	8,437	8,755	Weyerhauser village.....	Rusk.....	371		
	{Jefferson.....						Whitefish Bay village.....	Milwaukee.....	542
Waukesha city.....	Waukesha.....	8,740	7,419	6,321	Whitehall village.....	Trempealeau.....	703	600	304
Wauunakee village.....	Dane.....	550	443	312	Whitewater city.....	Walworth.....	3,224	3,405	4,359
Waupaca city.....	Waupaca.....	2,789	2,912	2,127	Wild Rose village.....	Waushara.....	551		
Waupun city.....	{Dodge.....	3,362	3,185	2,757	Wilton village.....	Monroe.....	510	400	
	{Fond du Lac.....						Winneconne village.....	Winnebago.....	940
Wausau city.....	Marathon.....	16,560	12,354	9,253	Withee village.....	Clark.....	443		
Wautoma village.....	Waushara.....	964			Wittenberg village.....	Shawano.....	1,090	798	726
Wauwatosa city.....	Milwaukee.....	3,346	2,842		Wonewoc village.....	Juneau.....	789	811	619
Wauzeka village.....	Milford.....	476	471		Wrightstown village.....	Brown.....	525	420	476
Welcome village.....	Outagamie.....	341			Wyocena village.....	Columbia.....	425		

## CHAPTER 2.

### COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

**Introduction.**—The first chapter having given the number of inhabitants of Wisconsin 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 cities of 10,000 to 25,000; Table IV for cities of 2,500 to 10,000; and Table V for wards of Milwaukee.

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 Wisconsin, 763,225, or 32.7 per cent, are native whites of native parentage; 1,044,761, or 44.7 per cent, are native whites of foreign or mixed parentage; and 512,569, or 22 per cent, are foreign-born whites. The corresponding percentages in 1900 were 28.3, 46.2, and 24.9, respectively, the proportion of native whites of native parentage having increased somewhat during the decade. In only 2 of the 71 counties is the percentage of foreign-born whites less than 10, in 7 it is between 10 and 15, in 48 between 15 and 25, in 12 between 25 and 35, and in 2 it exceeds 35. The percentage of native whites of foreign or mixed parentage ranges generally higher, exceeding 35 in 63 counties. (See maps on page 601).

Of the urban population, 28.5 per cent are native whites of native parentage; of the rural, 35.9 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 45.7 and 44.1 per cent, respectively. The percentage of foreign-born whites is 25.5 in the urban population and 19.3 in the rural. The Indians appear almost exclusively in the rural population, of which they constitute 0.7 per cent.

**Sex** (Tables 2 and 14).—In the total population of the state there are 1,208,578 males and 1,125,282 females, or 107.4 males to 100 females. In 1900 the ratio was 106.6 to 100. Among the native whites the ratio is 101.6; among the foreign-born whites, 130.8. In the urban population there are 101.7 males to 100 females, and in the rural, 111.9.

**State of birth** (Tables 3 and 4).—Of the total native population—that is, population born in the United States—85.6 per cent were born in Wisconsin and 14.4 per cent outside the state, the proportions being the same for the native white population. Of the native negroes, 58.7 per cent were born outside the state; of the native Indians, 6.1 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 Wisconsin, persons born in Germany represent 45.5 per cent; Norway, 11.1; Austria, 7.5; Russia, 5.8; Sweden, 5; Canada, 4.9; Denmark, 3.2; Ireland, 2.7; England, 2.7; all

other countries, 11.6. 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 51 per cent; Norway, 10.1; Austria, 5.2; Canada, 5; Ireland, 4.8; Sweden, 3.6; England, 3.4; Russia, 2.9; Denmark, 2.5.

**Voting and militia ages** (Table 6).—The total number of males 21 years of age and over is 683,743, representing 29.3 per cent of the population. Of such males, 21.7 per cent are native whites of native parentage, 38.3 per cent native whites of foreign or mixed parentage, 39.4 per cent foreign-born whites, and 0.6 per cent are in other classes. Of the 269,237 foreign-born white males of voting age, 142,848, or 53.1 per cent, are naturalized. Males of militia age—18 to 44—number 497,922.

**Age** (Tables 7, 8, and 13).—Of the total population, 11 per cent are under 5 years of age, 21.1 per cent from 5 to 14 years, inclusive, 19.9 per cent from 15 to 24, 27.3 per cent from 25 to 44, and 20.5 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 3.6 per cent of this class being under 15 years of age, while 87.1 per cent are 25 years of age and over. Of the native whites of native parentage, 30.4 per cent are 25 years of age and over; of native whites of foreign or mixed parentage, 41.3 per cent; of Indians, 42 per cent; and of negroes, 61.3 per cent.

The urban population shows a smaller proportion of children than the rural and a larger proportion of persons in the prime of life. Migration to the city explains this at least in part. Of the urban population, 30.3 per cent are from 25 to 44 years of age, inclusive, and of the rural, 25 per cent.

**School attendance** (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 732,544, of whom 484,629, or 66.2 per cent, attended school. In addition to these, 22,287 children under 6 and 7,985 persons 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 66; for girls, 66.3. For children from 6 to 14 years, inclusive, the percentage attending school was 89.9. The percentage for children of this age among native whites of native parentage was 90.8; among native whites of foreign or mixed parentage, 89.7; among foreign-born whites, 84.1; and among negroes, 88.9. (See Table I.) There is little difference between urban and rural communities as regards the percentage of school attendance for the ages from 6 to 14, but for persons from 15 to 20, the percentages were 27.3 in the urban population and 31.3 in the rural.

**Illiteracy** (Table 10).—There are 57,769 illiterates in the state, representing 3.2 per cent of the total population 10 years of age and over, as compared with 4.7 per cent in 1900. The percentage of illiteracy is 33.7 among Indians, 8.7 among foreign-born whites, 4.5 among negroes, and 0.9 among native whites.

For all classes combined, the percentage of illiteracy is slightly higher in rural than in urban communities, 3.3 as compared with 3. The rural percentage exceeds the urban for each class separately, except the foreign-born whites, most of whom arrive in this country when past the school age. Among them the percentage is the same in the urban as in the rural population.

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 only 0.7. (See Table I.)

**Marital condition** (Tables 11 and 15).—In the population 15 years of age and over, 41.4 per cent of the males are single and 32.6 per cent of the females. The percentage married is 53.6 for males and 57.7 for females, and the percentage widowed 4.2 and 9, respectively. The percentages of those reported as divorced, 0.5 and 0.6, respectively, 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 smaller for women than for men is due largely to the fact that women marry younger. Thus 4.6 per cent of the females from 15 to 19 years of age are married, as compared with 0.3 per cent of the males, and 39.1 per cent of the females from 20 to 24 years are married, as compared with 14.4 per cent of the males. In the next two age groups, 25 to 34 and 35 to 44 years, the difference is less marked, while among those 45 and over, 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, 68.2 for males and 71.8 for females; native whites of foreign or mixed parentage, 46.8 and 54, respectively; native whites of native parentage, 45.1 and 48.8; Indians, 55.2 and 63.1; negroes, 45.6 and 50.

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 is higher in the urban population; for females, it is higher in the rural.

**Dwellings and families.**—The total number of dwellings in Wisconsin is 462,355, and the total number of families 499,629, there being 108.1 families to each 100 dwellings. (See Table I.) The average number of persons per dwelling is 5, and the average number per family, 4.7.

TABLE 1.—COLOR, NATIVITY, AND PARENTAGE.

CLASS OF POPULATION.	NUMBER.			PER CENT OF TOTAL.		
	1910	1900	1890	1910	1900	1890
<b>THE STATE.</b>						
Total population	2,333,860	2,069,042	1,693,330	100.0	100.0	100.0
White	2,320,555	2,057,911	1,680,828	99.4	99.5	99.3
Negro	2,900	2,542	2,444	0.1	0.1	0.1
Indian	10,142	8,372	9,930	0.4	0.4	0.6
Chinese	226	212	119	(1)	(1)	(1)
Japanese	34	5	9	(1)	(1)	(1)
All other (Korean)	3			(1)		
Total native	1,820,995	1,553,071	1,174,131	78.0	75.1	69.3
Total foreign born	512,865	515,971	519,199	22.0	24.9	30.7
Native white, total	1,807,986	1,542,206	1,161,839	77.5	74.5	68.6
Native parentage	763,225	585,903	435,004	32.7	28.3	25.7
Foreign parentage	724,258	678,723	555,113	31.0	32.8	32.8
Mixed parentage	320,503	277,580	171,722	13.7	13.4	10.1
Foreign-born white	512,569	515,705	518,989	22.0	24.9	30.6
<b>URBAN POPULATION.</b>						
Total	1,004,320	790,213	562,286	100.0	100.0	100.0
White	1,001,416	787,915	560,526	99.7	99.7	99.7
Negro	2,141	1,859	1,440	0.2	0.2	0.3
Indian	530	247	218	0.1	(1)	(1)
Chinese, Japanese, and all other	233	192	102	(1)	(1)	(1)
Native white, total	744,991	569,568	396,913	74.2	72.1	65.3
Native parentage	285,999	193,073	122,430	28.5	24.4	21.8
Foreign parentage	327,016	376,495	244,483	32.0	47.6	43.5
Mixed parentage	131,976			13.1		
Foreign-born white	256,425	218,347	193,613	25.5	27.6	34.4
<b>RURAL POPULATION.</b>						
Total	1,329,540	1,278,829	1,131,044	100.0	100.0	100.0
White	1,319,139	1,269,996	1,120,302	99.2	99.3	99.1
Negro	759	683	1,004	0.1	0.1	0.1
Indian	9,612	8,125	9,712	0.7	0.6	0.9
Chinese, Japanese, and all other	30	25	26	(1)	(1)	(1)
Native white, total	1,062,995	972,638	794,926	80.0	76.1	70.3
Native parentage	477,226	392,830	312,574	35.9	30.7	27.6
Foreign parentage	397,242	579,808	482,352	29.9	45.3	42.6
Mixed parentage	188,527			14.2		
Foreign-born white	256,144	297,358	325,376	19.3	23.3	28.8

<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.
Total population	1,208,578	1,125,282	107.4	1,067,562	1,001,480	106.6
White	1,201,620	1,118,935	107.4	1,061,006	996,305	106.6
Negro	1,476	1,424	103.7	1,418	1,124	126.2
Indian	5,231	4,911	106.5	4,321	4,051	106.7
Chinese, Japanese, and all other	251	12	(1)	217		
Native white, total	911,181	866,805	101.6	779,213	762,993	102.1
Native parentage	387,606	375,557	103.2	298,552	287,351	103.9
Foreign parentage	364,385	359,873	101.3	346,911	331,812	104.6
Mixed parentage	159,128	161,375	98.6	133,750	143,830	93.0
Foreign-born white	290,439	222,130	130.8	282,393	233,312	121.0
Urban population	506,408	497,012	101.7	392,016	398,197	98.4
Rural population	702,170	627,370	111.9	675,546	603,283	112.0

<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		Rural: 1910	
				Number	Per cent.	Number	Per cent.
Total native population	1,820,995	1,553,071	1,167,681	747,050	1,073,345		
Born in state	1,558,455	1,304,918	953,273	623,057	935,398		
Born outside state	262,540	248,153	214,408	124,593	137,947		
Per cent outside state	14.4	16.0	18.4	16.7	12.9		
Native white population	1,807,986	1,542,206	1,161,839	744,991	1,062,995		
Born in state	1,547,783	1,295,900	948,550	621,000	925,883		
Born outside state	260,203	246,306	212,934	123,091	137,112		
Per cent outside state	14.4	16.0	18.3	16.5	12.9		
Native negro population	2,836	2,486	(3)	2,082	754		
Born in state	1,171	992	(3)	696	475		
Born outside state	1,665	1,494	(3)	1,386	279		
Per cent outside state	58.7	60.1	(3)	66.0	37.0		
Native Indian population	10,108	8,357	(8)	523	9,585		
Born in state	9,492	8,026	(8)	455	9,037		
Born outside state	616	331	(8)	68	548		
Per cent outside state	6.1	4.0	(8)	13.0	5.7		

<sup>1</sup> Exclusive of 355 whites and 6,095 Indians, not distributed by state of birth.  
<sup>2</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>3</sup> Comparable figures not available.

TABLE 4.—STATE OR DIVISION OF BIRTH.

PLACE OF BIRTH.	NUMBER.		PER CENT OF TOTAL.	
	1910	1900	1910	1900
Total native	1,820,995	1,553,071	100.0	100.0
Wisconsin	1,558,455	1,304,918	85.6	84.0
Other states	262,540	248,153	14.4	16.0
Illinois	46,107	33,321	2.5	2.1
New York	41,830	38,338	2.3	3.8
Minnesota	30,755	24,224	1.7	1.6
Michigan	28,038	22,883	1.5	1.5
Ohio	17,639	19,036	1.0	1.2
Iowa	16,312	11,932	0.9	0.8
Pennsylvania	15,715	16,479	0.9	1.1
Indiana	9,889	8,646	0.5	0.6
Vermont	4,794	6,908	0.3	0.4
Massachusetts	4,651	5,769	0.3	0.4
Missouri	4,560	3,698	0.3	0.2
Maine	3,861	5,418	0.2	0.3
Nebraska	3,907	2,653	0.2	0.2
South Dakota	3,495	2,810	0.2	0.2
Kentucky	2,890	1,903	0.2	0.1
All other <sup>1</sup>	28,441	24,110	1.6	1.6
<b>DIVISIONS.</b>				
New England	15,931	22,930	0.9	1.5
Middle Atlantic	59,692	77,166	3.3	5.0
East North Central	1,660,128	1,388,819	91.2	89.4
West North Central	62,836	48,768	3.5	3.1
South Atlantic	4,419	3,725	0.2	0.2
East South Central	4,524	3,034	0.2	0.2
West South Central	1,435	956	0.1	0.1
Mountain	2,445	1,093	0.1	0.1
Pacific	2,574	1,155	0.1	0.1
Other <sup>1</sup>	6,011	5,370	0.3	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.

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.	
All countries	1,557,330	100.0	512,569	100.0	724,258	320,503	515,705
Austria	81,723	5.2	38,691	7.5	31,005	12,030	22,832
Belgium	13,059	0.8	4,020	0.8	6,329	3,610	4,412
Canada—French	28,405	1.8	7,902	1.6	10,024	10,389	10,079
Canada—Other	50,296	3.2	16,929	3.3	9,328	24,039	23,832
Denmark	38,315	2.5	16,454	3.2	15,903	5,958	16,171
England	62,488	3.4	13,959	2.7	17,502	21,027	17,993
France	9,696	0.6	5,705	1.1	3,818	173	2,198
Germany	5,067	0.3	1,306	0.3	1,595	2,066	1,637
Greece	794,943	51.0	233,384	45.5	396,640	164,919	268,882
Holland	2,990	0.2	2,764	0.5	135	91	63
Hungary	21,820	1.4	7,379	1.4	9,175	5,266	6,496
Ireland	13,166	0.8	10,554	2.1	2,321	201	1,123
Italy	74,835	4.8	14,049	2.7	41,218	19,568	23,544
Norway	13,240	0.9	9,273	1.8	3,612	355	2,172
Roumania	157,700	10.1	56,999	11.1	71,681	29,020	61,575
Russia	550	(1)	446	0.1	97	7	53
Scotland	45,407	2.9	29,644	5.8	13,906	1,857	7,550
Sweden	13,007	0.8	3,885	0.8	4,244	4,578	4,568
Switzerland	55,386	3.6	25,739	5.0	23,268	6,379	26,196
Turkey in Asia	20,870	1.3	8,061	1.6	7,613	5,227	7,665
Turkey in Europe	1,074	0.1	791	0.2	249	34	146
Wales	471	(1)	397	0.1	66	8	
All other	8,757	0.6	2,507	0.5	3,810	2,431	3,356
	2,531,068	3.4	1,576	0.3	2,507,710	880	3,662

<sup>1</sup> Less than one-tenth of 1 per cent.  
<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		
Total	683,743	570,715	100.0	100.0	497,922	425,825
White	679,841	567,213	99.4	99.4	495,166	423,339
Negro	1,082	1,096	0.2	0.2	797	746
Indian	2,601	2,281	0.4	0.4	1,799	1,601
Chinese, Japanese, and all other	219	215	(1)	(1)	160	179
Native white	410,604	309,909	60.1	54.3	361,240	288,588
Native parentage	148,636	116,943	21.7	20.5	124,443	88,865
Foreign or mixed par	261,968	192,966	38.3	33.8	236,797	199,923
Foreign-born white	269,237	257,304	39.4	45.1	133,926	134,751

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

TABLE 7.—AGE, FOR THE STATE.

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

AGE PERIOD.	TOTAL POPULATION.				NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		INDIAN.		CHINESE, JAPANESE, AND ALL OTHER.			
	1910	1900	Male.		Female.		Male.		Female.		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
			Male.	Female.	Male.	Female.	Male.	Female.										
All ages, number.....	2,333,860	2,069,042	1,208,578	1,125,282	387,668	375,557	523,513	521,248	290,439	222,130	1,476	1,424	5,231	4,911	251	12		
Under 5 years.....	256,171	256,734	129,510	126,661	71,552	69,968	55,940	54,658	1,250	1,207	91	120	676	703	1	5		
Under 1 year.....	52,027	52,522	26,354	25,673	15,150	14,757	10,969	10,084	83	69	22	25	129	136	1	2		
5 to 9 years.....	247,878	251,152	125,159	122,719	61,202	59,545	59,349	58,072	3,832	3,689	84	105	689	708	3			
10 to 14 years.....	246,154	232,112	124,358	121,296	53,402	51,636	66,202	64,790	4,406	4,123	92	100	693	647	3			
15 to 19 years.....	242,671	208,938	122,493	120,178	45,310	45,665	68,249	67,938	8,328	5,963	105	118	484	493	17	1		
20 to 24 years.....	222,097	182,253	113,445	108,652	34,975	36,421	57,284	59,570	20,641	12,116	119	178	391	365	35	2		
25 to 29 years.....	191,970	159,833	100,325	91,645	26,245	26,152	47,011	48,163	26,529	16,807	171	211	338	311	31	1		
30 to 34 years.....	163,927	144,803	86,076	77,851	19,024	17,921	39,972	40,559	26,571	18,994	170	123	312	251	27	3		
35 to 39 years.....	149,063	135,186	79,239	70,424	15,121	13,591	37,057	37,268	26,567	19,100	171	123	297	276	26			
40 to 44 years.....	131,969	118,238	70,020	61,949	12,072	10,938	28,992	28,994	28,538	21,684	114	97	271	236	33			
45 to 49 years.....	120,398	90,905	64,610	55,788	10,453	9,397	24,319	23,737	29,488	22,381	104	75	215	198	31			
50 to 54 years.....	105,507	74,448	57,298	48,209	9,999	8,635	19,906	19,021	27,003	20,321	77	56	233	176	20			
55 to 59 years.....	76,231	59,923	41,274	34,957	7,856	6,794	10,313	9,767	22,870	18,222	49	28	168	146	12			
60 to 64 years.....	58,227	48,560	30,873	27,354	6,234	5,704	4,737	4,372	19,709	17,148	46	25	139	105	8			
65 to 74 years.....	78,666	69,931	41,224	37,442	8,650	8,312	3,048	2,823	29,284	26,084	55	43	186	180	1			
75 to 84 years.....	33,632	29,092	17,355	16,277	3,891	3,813	659	611	12,703	11,768	19	14	83	71				
85 to 94 years.....	6,123	3,957	3,021	3,102	696	740	135	97	2,159	2,227	2	1	29	31				
95 years and over.....	216	212	96	120	23	24	4	5	64	86	1	3	4	2				
Age unknown.....	2,360	2,756	1,702	658	963	295	276	203	431	144	6	4	23	12	3			
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	100.0	100.0
Under 5 years.....	11.0	12.4	10.7	11.3	18.5	18.6	10.7	10.5	0.4	0.5	6.2	8.4	12.9	14.3	0.4			
5 to 9 years.....	10.6	12.1	10.4	10.9	15.8	15.9	11.3	11.3	1.3	1.7	5.7	7.4	13.2	14.4	1.2			
10 to 14 years.....	10.5	11.2	10.3	10.8	13.8	13.7	12.7	12.4	1.5	1.9	6.2	7.0	13.2	13.2	1.2			
15 to 19 years.....	10.4	10.1	10.1	10.7	11.7	12.2	13.0	13.0	2.9	2.7	7.1	8.3	9.3	10.0	6.8			
20 to 24 years.....	9.5	8.8	9.4	9.7	9.0	9.7	10.9	11.4	7.1	5.5	8.1	12.5	7.5	7.4	13.9			
25 to 34 years.....	15.2	14.7	15.4	15.1	11.7	11.7	16.6	17.0	18.3	16.1	23.1	23.5	12.4	11.4	23.1			
35 to 44 years.....	12.1	12.2	12.3	11.8	7.0	6.5	12.6	12.7	19.0	18.4	19.3	15.4	10.9	10.4	23.5			
45 to 64 years.....	15.4	13.2	16.1	14.8	8.9	8.1	11.3	10.9	34.1	35.1	18.7	12.9	14.4	12.7	28.3			
65 years and over.....	5.1	5.0	5.1	5.1	3.4	3.4	0.7	0.7	15.2	18.1	5.2	4.3	5.8	5.8	0.4			

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

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.				NEGRO.				INDIAN.			
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages, number.....	506,408	702,170	497,912	627,370	360,418	550,763	384,573	512,232	144,420	146,019	112,005	110,125	1,054	422	1,087	337	295	4,936	235	4,676
Under 5 years.....	50,991	75,519	50,357	76,304	50,076	77,416	49,483	75,143	824	426	761	446	56	35	76	44	35	641	32	671
Under 1 year.....	10,622	15,732	10,320	15,353	10,545	15,574	10,262	15,179	50	33	37	32	19	3	14	11	8	121	5	131
5 to 9 years.....	46,953	78,206	47,012	76,707	44,418	76,133	44,559	73,658	2,454	1,378	2,352	1,937	52	32	66	39	28	661	35	673
10 to 14 years.....	47,612	77,246	47,721	73,575	45,035	74,623	45,229	71,997	2,402	1,914	2,408	1,715	51	41	63	37	32	661	21	626
15 to 19 years.....	49,322	79,171	53,443	66,735	44,293	69,266	45,560	64,043	4,929	3,399	3,779	2,184	57	48	79	39	29	455	24	469
20 to 24 years.....	52,190	61,255	54,746	63,906	39,007	63,252	46,471	49,520	13,028	7,615	8,068	4,018	92	27	150	28	32	359	25	340
25 to 34 years.....	90,618	95,783	84,334	85,162	57,670	74,582	62,727	70,068	32,564	20,536	21,282	14,519	285	56	283	51	53	597	38	524
35 to 44 years.....	67,329	81,930	62,446	69,927	37,875	55,367	49,670	49,821	29,139	25,066	21,264	19,586	218	67	132	38	40	528	30	482
45 to 64 years.....	79,258	114,797	74,897	91,911	35,667	58,120	38,603	48,824	43,261	55,875	35,631	42,441	205	71	142	42	31	724	21	604
65 years and over.....	21,245	40,451	23,142	33,700	5,618	11,488	6,733	9,698	15,578	28,632	16,356	23,909	34	43	44	17	14	288	9	275
Age unknown.....	890	812	314	344	729	510	238	260	153	278	74	70	4	2	2	2	1	22		12
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	100.0	100.0	100.0	100.0
Under 5 years.....	10.1	11.2	10.1	12.2	13.9	14.1	12.9	14.7	0.6	0.3	0.7	0.4	5.3	8.3	7.0	13.1	11.9	13.0	13.6	14.3
5 to 9 years.....	9.3	11.1	9.4	12.1	12.3	13.8	11.6	14.4	1.7	0.9	2.1	1.2	4.9	7.6	6.1	11.6	9.5	13.4	14.9	14.4
10 to 14 years.....	9.4	11.0	9.6	11.7	12.5	13.6	11.8	13.9	1.7	1.3	2.1	1.6	4.8	6.7	5.8	11.0	10.8	13.4	8.9	13.4
15 to 19 years.....	9.7	10.4	10.7	10.6	12.3	12.6	12.9	12.5	3.4	2.3	3.4	2.0	5.4	11.4	7.3	11.6	9.8	9.2	10.2	10.0
20 to 24 years.....	10.3	8.7	11.0	8.6	10.8	9.7	12.1	9.7	9.0	5.2	7.2	3.6	8.7	6.4	13.8	8.3	10.8	7.3	10.6	7.3
25 to 34 years.....	17.9	13.6	16.9	13.6	16.0	13.5	16.3	13.7	22.5	14.1	19.0	13.2	27.0	13.3	26.0	15.1	18.0	12.1	16.2	11.2
35 to 44 years.....	13.3	11.7	12.5	11.1	10.5	10.1	10.7	9.7	20.2	17.8	19.0	17.8	20.7	15.9	16.7	11.3	13.6	10.7	12.8	10.3
45 to 64 years.....	15.7	16.3	14.9	14.7	9.9	10.6	10.0	9.5	30.0	38.3	31.8	38.5	19.4	16.8	13.1	12.5	10.5	14.7	8.9	12.9
65 years and over.....	4.2	5.8	4.6	5.4	1.6	2.1	1.8	1.9	10.8	19.6	14.6	21.6	3.2	10.2	4.0	5.0	4.7	5.8	3.8	5.9

TABLE 9.—SCHOOL ATTENDANCE.

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

AGE PERIOD.	TOTAL.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.			INDIAN.				
	Number.	Attending school.		Native parentage.		Foreign or mixed parentage.		Native parentage.		Foreign or mixed parentage.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.	
		Number.	Number.	Per cent.	Number.	Number.	Per cent.	Number.	Number.	Per cent.	Number.		Number.	Per cent.		Number.	Number.		Per cent.	Number.
THE STATE.																				
6 to 20 years, inclusive.....	732,544	434,629	66.2	306,520	223,946	73.1	387,114	243,487	62.9	34,655	14,454	41.7	628	397	63.2	3,597	2,331	64.8		
Male.....																				

STATISTICS OF POPULATION.

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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.....	57,769	3.2	29,450	3.1	28,319	3.2	Total illiterate, 1910.....	24,289	3.0	12,489	3.1	11,820	3.0
Native white.....	11,463	0.9	6,616	1.0	4,852	0.7	Native white.....	2,330	0.4	1,151	0.4	1,179	0.4
Native parentage.....	3,223	0.6	1,890	0.7	1,333	0.5	Native parentage.....	526	0.3	281	0.3	245	0.2
Foreign or mixed parentage.....	8,245	1.0	4,726	1.2	3,519	0.9	Foreign or mixed parentage.....	1,804	0.5	870	0.5	934	0.5
Foreign-born white.....	43,662	8.7	21,525	7.5	22,137	10.2	Foreign-born white.....	21,788	8.7	11,215	7.9	10,573	9.7
Negro.....	113	4.5	61	4.7	52	4.3	Negro.....	75	4.0	32	3.4	43	4.6
Indian.....	2,482	33.7	1,207	31.2	1,275	36.4	Indian.....	55	13.8	33	14.2	22	13.1
Total illiterate, 1900.....													
Native white.....	13,989	1.3	7,878	1.5	6,111	1.2	Total illiterate, 1910.....	33,480	3.3	16,981	3.1	16,499	3.5
Native parentage.....	3,689	1.0	2,156	1.1	1,533	0.8	Native white.....	9,138	1.2	5,465	1.4	3,673	1.0
Foreign or mixed parentage.....	10,300	1.5	5,722	1.7	4,578	1.4	Native parentage.....	2,697	0.9	1,609	1.0	1,088	0.7
Foreign-born white.....	56,396	11.1	24,696	8.8	31,700	13.8	Foreign or mixed parentage.....	6,441	1.4	3,856	1.6	2,585	1.2
Negro.....	260	11.4	138	11.1	112	11.8	Foreign-born white.....	21,874	8.7	10,310	7.1	11,564	10.7
Indian.....	3,089	50.1	1,517	47.1	1,572	53.4	Negro.....	38	6.2	29	8.2	9	3.5
							Indian.....	2,427	34.8	1,174	32.3	1,253	37.6
URBAN POPULATION.													
RURAL POPULATION.													

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.....	829,051	343,440	41.4	444,704	53.6	34,570	3,875	754,606	246,039	32.6	495,336	57.7	67,563	4,289
Total, 1900.....	694,160	285,477	41.1	374,084	53.9	30,036	3,453	634,884	200,306	31.6	371,453	58.5	59,212	3,062
15 to 19 years.....	122,493	121,863	99.5	331	0.3	4	3	120,178	114,198	95.0	5,548	4.6	47	28
20 to 24 years.....	113,445	96,577	85.1	16,322	14.4	124	73	108,652	65,282	60.1	42,401	39.1	396	270
25 to 34 years.....	186,401	74,945	40.2	108,951	58.4	1,456	633	169,496	38,917	23.0	126,715	74.8	2,600	1,093
35 to 44 years.....	149,259	26,130	17.5	118,584	79.4	3,371	951	132,373	14,443	10.9	110,401	83.4	6,218	1,175
45 years and over.....	255,751	23,262	9.1	200,209	78.3	20,533	2,199	223,249	12,967	5.8	149,943	67.2	58,206	1,715
Age unknown.....	1,702	663	39.0	327	19.2	82	16	658	232	35.3	238	36.2	96	8
Native white:														
Native parentage <sup>2</sup> .....	201,512	101,223	50.2	90,892	45.1	7,190	1,188	194,408	83,303	42.9	94,783	48.8	14,450	1,333
15 to 24 years.....	80,285	74,339	92.6	5,645	7.0	50	29	82,086	66,332	80.8	15,283	18.6	153	122
25 to 44 years.....	72,462	22,124	30.5	48,500	66.9	1,094	515	68,602	13,856	20.2	52,086	75.9	1,832	733
45 years and over.....	47,802	4,326	9.0	36,683	76.7	6,024	640	43,425	3,048	7.0	27,338	63.0	12,434	476
Foreign or mixed parentage <sup>2</sup> .....	341,962	173,930	50.9	159,881	46.8	6,420	1,190	343,128	141,402	41.2	185,153	54.0	14,273	1,765
15 to 24 years.....	125,533	117,446	93.6	7,717	6.1	44	30	127,508	102,310	80.2	24,512	19.2	212	140
25 to 44 years.....	153,032	48,618	31.8	101,568	66.4	2,043	641	154,984	32,671	21.1	116,737	75.4	4,322	1,054
45 years and over.....	63,121	7,741	12.3	50,490	80.0	4,320	514	60,433	6,340	10.5	43,760	72.4	9,720	567
Foreign-born white <sup>2</sup> .....	280,951	66,467	23.7	191,563	68.2	20,625	1,424	213,111	20,249	9.5	153,049	71.8	38,334	1,119
15 to 24 years.....	28,969	25,615	88.4	3,190	11.0	32	11	18,079	10,050	55.6	7,899	43.7	65	26
25 to 44 years.....	108,205	29,713	27.5	76,230	70.4	1,611	396	76,651	6,633	8.7	66,972	87.4	2,541	425
45 years and over.....	143,346	11,046	7.7	112,026	78.2	18,937	1,011	118,237	3,544	3.0	78,210	65.1	35,683	667
Negro <sup>2</sup> .....														
15 to 24 years.....	1,209	531	43.9	551	45.6	89	26	1,099	357	32.5	540	50.0	105	26
25 to 44 years.....	224	200	89.3	23	10.3	1	.....	298	79	26.7	26	7.7	4	4
45 years and over.....	626	262	41.9	318	50.8	26	14	554	128	23.1	341	61.0	64	20
Age unknown.....	353	67	19.0	208	58.9	62	11	245	21	8.6	126	51.4	96	2
Indian <sup>2</sup> .....														
15 to 24 years.....	3,173	1,122	35.4	1,751	55.2	238	47	2,853	663	23.2	1,800	63.1	341	46
25 to 44 years.....	875	788	90.1	78	8.9	1	6	858	577	67.2	266	31.0	9	6
45 years and over.....	1,218	276	22.7	713	58.7	49	18	1,074	70	6.5	918	85.5	59	26
Age unknown.....	1,057	50	4.7	797	75.4	186	23	909	14	1.5	609	67.0	273	13
URBAN POPULATION.														
Total.....	360,852	147,396	40.8	197,296	54.7	13,241	1,835	352,822	124,071	35.2	191,468	54.3	34,004	2,639
15 to 24 years.....	101,512	92,473	91.1	8,673	8.5	66	39	108,189	85,980	79.5	21,508	19.9	5,223	180
25 to 44 years.....	157,947	46,796	29.6	107,632	68.1	2,303	918	146,780	31,245	21.3	108,508	74.0	5,353	1,472
45 years and over.....	100,503	7,749	7.7	80,864	80.5	10,846	873	97,539	6,742	6.9	61,258	62.8	28,376	984
Age unknown.....	890	378	42.5	127	14.3	26	5	314	104	33.1	108	34.4	52	3
Native white—Native parentage.....														
Native white—Foreign or mixed par.....	80,499	40,098	49.8	36,963	45.9	2,448	481	82,990	38,193	46.0	36,976	44.6	6,903	756
Foreign-born white.....	140,390	70,684	50.3	66,232	47.2	2,655	627	162,312	72,648	44.8	89,106	49.4	8,107	1,126
Negro.....	138,650	35,982	26.0	93,540	67.5	8,060	702	106,484	12,890	12.1	73,812	69.3	18,839	732
Indian.....	895	391	43.7	417	46.6	62	18	882	275	31.2	441	50.0	140	25
Age unknown.....	200	93	46.5	82	41.0	10	7	147	60	40.8	71	48.3	15	.....
RURAL POPULATION.														
Total.....	468,199	196,044	41.9	247,408	52.8	21,329	2,040	401,784	121,968	30.4	243,868	60.7	33,559	1,650
15 to 24 years.....	134,426	125,967	93.7	7,980	5.9	62	37	120,641	93,500	77.5	26,533	22.0	220	118
25 to 44 years.....	177,713	54,279	30.5	119,883	67.5	2,524	666	155,089	22,115	14.3	128,520	82.9	3,465	796
45 years and over.....	155,248	15,513	10.0	119,345	76.9	18,687	1,326	125,710	6,225	5.0	88,685	70.5	29,830	731
Age unknown.....	812	285	35.1	200	24.6	56	11	344	128	37.2	130	37.8	44	5
Native white—Native parentage.....														
Native white—Foreign or mixed par.....	121,013	61,125	50.5	53,929	44.6	4,742	707	111,418	45,170	40.5	57,807	51.9	7,547	577
Foreign-born white.....	201,572	103,248	51.2	93,649	46.5	3,765	503	180,816	68,754	38.0	104,987	58.1	6,168	659
Negro.....	142,801	30,485	21.4	98,023	68.9	12,605	722	106,627	7,359	6.9	79,237	74.3	19,495	387
Indian.....	314	140	44.6	134	42.7	27	8	217	82	37.8	108	49.8	25	1
Age unknown.....	2,973	1,029	34.6	1,669	56.1	228	40	2,706	603	22.3	1,729	63.9	326	46

<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 MILWAUKEE.

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.		
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Both parents foreign born.	One parent foreign born.			Num-ber.	Per-cent.	Num-ber.	Per-cent.	Both parents foreign born.	One parent foreign born.	
<b>All countries.....</b>	<b>293,986</b>	<b>100.0</b>	<b>111,456</b>	<b>100.0</b>	<b>135,101</b>	<b>47,429</b>	<b>38,948</b>	<b>Ireland.....</b>	<b>10,886</b>	<b>3.7</b>	<b>1,966</b>	<b>1.8</b>	<b>5,893</b>	<b>3,027</b>	<b>2,653</b>
Austria.....	18,100	6.2	11,553	10.4	4,843	1,704	3,962	Italy.....	4,788	1.6	3,374	3.0	1,311	103	726
Belgium.....	195	0.1	86	0.1	64	45	37	Norway.....	4,877	1.7	2,144	1.9	1,978	755	1,702
Canada—French.....	808	0.3	218	0.2	253	337	213	Roumania.....	3,302	0.1	267	0.2	89	6	35
Canada—Other.....	3,985	1.4	1,650	1.5	482	1,853	1,675	Russia.....	17,151	5.8	11,992	10.8	4,658	501	2,380
Denmark.....	1,400	0.5	619	0.6	500	281	514	Scotland.....	1,818	0.6	647	0.6	525	646	667
England.....	6,127	2.1	2,086	1.9	1,793	2,248	2,133	Sweden.....	1,605	0.5	787	0.7	531	287	659
Finland.....	157	0.1	110	0.1	40	7	29	Switzerland.....	1,897	0.6	833	0.7	60	10	60
France.....	865	0.3	251	0.2	268	340	263	Turkey in Asia.....	110	( <sup>1</sup> )	78	0.1	44	2	2
Gormany.....	199,922	68.0	64,816	58.2	101,200	33,816	68,968	Turkey in Europe.....	193	0.1	147	0.1	340	236	307
Greece.....	1,196	0.4	1,104	1.0	67	25	26	Wales.....	807	0.3	231	0.2	153	293	293
Holland.....	1,923	0.7	615	0.6	827	481	606	All other.....	28,344	2.8	3,418	3.1	2,780	153	293
Hungary.....	6,470	2.2	5,571	5.0	802	97	381								

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

<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 13.—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>Green Bay.....</b>	<b>12,253</b>	<b>12,983</b>	<b>10,024</b>	<b>11,043</b>	<b>2,176</b>	<b>1,880</b>	<b>22</b>	<b>23</b>	<b>Oshkosh.....</b>	<b>16,196</b>	<b>16,866</b>	<b>12,214</b>	<b>13,328</b>	<b>3,926</b>	<b>3,480</b>	<b>45</b>	<b>53</b>
Under 5 years.....	1,450	1,515	1,431	1,505	9	3	3	3	Under 5 years.....	1,713	1,630	1,678	1,603	26	21	8	6
Under 1 year.....	286	305	283	303			1	1	Under 1 year.....	335	345	333	342			1	2
5 to 9 years.....	1,293	1,396	1,207	1,370	21	10	1	3	5 to 9 years.....	1,550	1,559	1,493	1,483	47	70	4	4
10 to 14 years.....	1,274	1,230	1,246	1,213	23	13	1	1	10 to 14 years.....	1,552	1,565	1,465	1,481	45	68	2	4
15 to 19 years.....	1,150	1,426	1,115	1,391	32	27	1	2	15 to 19 years.....	1,620	1,775	1,480	1,681	127	84	3	8
20 to 24 years.....	1,059	1,398	972	1,302	81	89	3	4	20 to 24 years.....	1,627	1,748	1,283	1,552	238	189	3	7
25 to 34 years.....	2,159	2,359	1,839	2,067	311	284	5	4	25 to 34 years.....	2,467	2,725	2,425	2,157	718	557	7	9
35 to 44 years.....	1,621	1,571	1,188	1,227	423	335	4	4	35 to 44 years.....	2,100	2,187	1,370	1,525	675	657	7	5
45 to 64 years.....	1,678	1,546	852	853	822	689	3	2	45 to 64 years.....	2,725	2,690	1,300	1,466	1,407	1,227	10	6
65 years and over.....	564	538	110	112	453	423	1	1	65 years and over.....	879	968	274	359	603	604	1	4
Age unknown.....	5	4	4	3	1	1	1	1	Age unknown.....	3	10	3	7		3		4
<b>La Crosse.....</b>	<b>14,649</b>	<b>15,768</b>	<b>11,538</b>	<b>12,777</b>	<b>3,085</b>	<b>2,958</b>	<b>26</b>	<b>33</b>	<b>Racine.....</b>	<b>20,031</b>	<b>17,971</b>	<b>12,584</b>	<b>12,791</b>	<b>7,389</b>	<b>5,120</b>	<b>54</b>	<b>58</b>
Under 5 years.....	1,306	1,352	1,302	1,344	4	7	1	1	Under 5 years.....	1,937	1,848	1,875	1,798	61	46	1	4
Under 1 year.....	258	266	258	266					Under 1 year.....	396	402	392	401	4	1		
5 to 9 years.....	1,312	1,307	1,201	1,286	18	19	3	2	5 to 9 years.....	1,656	1,076	1,460	1,552	164	121	2	3
10 to 14 years.....	1,448	1,480	1,423	1,446	23	26	2	2	10 to 14 years.....	1,689	1,630	1,565	1,475	121	155	3	6
15 to 19 years.....	1,551	1,766	1,491	1,702	57	52	3	2	15 to 19 years.....	1,855	1,853	1,536	1,644	314	202	5	6
20 to 24 years.....	1,501	1,861	1,374	1,734	126	123	1	4	20 to 24 years.....	2,327	1,978	1,392	1,504	928	466	7	16
25 to 34 years.....	2,401	2,635	1,933	2,205	462	423	6	6	25 to 34 years.....	4,002	3,172	2,040	2,036	2,003	1,110	15	16
35 to 44 years.....	1,884	2,092	1,334	1,562	545	526	5	4	35 to 44 years.....	2,801	2,302	1,251	1,287	1,541	1,007	8	8
45 to 64 years.....	2,493	2,447	1,172	1,250	1,318	1,187	3	4	45 to 64 years.....	2,987	2,668	1,262	1,278	1,712	1,384	12	12
65 years and over.....	719	824	189	231	527	592	3	1	65 years and over.....	695	824	163	266	530	315	2	3
Age unknown.....	34	14	29	11	5	3			Age unknown.....	22	14	10	9	12	5		3
<b>Madison.....</b>	<b>12,282</b>	<b>13,248</b>	<b>9,862</b>	<b>11,264</b>	<b>2,272</b>	<b>1,902</b>	<b>69</b>	<b>74</b>	<b>Sheboygan.....</b>	<b>13,711</b>	<b>12,687</b>	<b>8,052</b>	<b>9,069</b>	<b>5,059</b>	<b>3,612</b>	<b>3</b>	<b>6</b>
Under 5 years.....	1,093	1,156	1,077	1,133	10	11	5	10	Under 5 years.....	1,530	1,347	1,490	1,287	45	58	1	2
Under 1 year.....	243	231	241	227			2	2	Under 1 year.....	340	292	334	287	6	5		
5 to 9 years.....	1,003	953	962	918	32	31	8	4	5 to 9 years.....	1,258	1,263	1,134	1,140	123	117	1	
10 to 14 years.....	947	1,042	903	989	39	46	4	4	10 to 14 years.....	1,300	1,295	1,204	1,160	150	120		
15 to 19 years.....	1,164	1,282	1,092	1,206	61	71	5	4	15 to 19 years.....	1,455	1,434	1,190	1,280	205	154		
20 to 24 years.....	1,467	1,645	1,239	1,490	202	144	5	4	20 to 24 years.....	1,402	1,289	806	909	542	288		2
25 to 34 years.....	2,334	2,574	1,805	2,188	491	363	10	22	25 to 34 years.....	2,233	2,028	1,122	1,323	1,110	705	1	
35 to 44 years.....	1,747	1,817	1,288	1,462	434	340	10	13	35 to 44 years.....	1,739	1,539	808	935	631	603		1
45 to 64 years.....	1,967	2,089	1,276	1,503	664	521	14	5	45 to 64 years.....	2,163	1,990	786	872	1,370	1,058		
65 years and over.....	546	670	211	290	332	374	2	5	65 years and over.....	546	554	45	55	501	498		1
Age unknown.....	16	20	9	19	7	1			Age unknown.....	19	8	13	6	0	2		2
<b>Milwaukee.....</b>	<b>189,488</b>	<b>184,369</b>	<b>126,369</b>	<b>134,984</b>	<b>62,579</b>	<b>48,877</b>	<b>478</b>	<b>502</b>	<b>Superior.....</b>	<b>23,415</b>	<b>16,969</b>	<b>14,284</b>	<b>11,995</b>	<b>8,968</b>	<b>4,804</b>	<b>79</b>	<b>103</b>
Under 5 years.....	19,086	18,748	18,640	18,354	422	308	24	22	Under 5 years.....	2,120	2,242	2,056	2,178	50	47	1	9
Under 1 year.....	4,154	3,801	4,131	3,775	17	17	6	8	Under 1 year.....	443	424	442	420	5	3		1
5 to 9 years.....	16,784	16,937	15,513	15,700	1,200	1,203	11	33	5 to 9 years.....	2,134	1,972	1,976	1,811	150	144	3	3
10 to 14 years.....	17,748	17,572	16,491	16,341	1,235	1,215	21	10	10 to 14 years.....	1,805	1,757	1,030	1,001	161	150	3	3
15 to 19 years.....	18,737	19,783	16,194	17,823	2,523	1,931	19	29	15 to 19 years.....	1,589	1,806	1,317	1,557	258	243	2	3
20 to 24 years.....	21,122	21,409	14,675	17,200	6,386	4,125	52	84	20 to 24 years.....	2,567	1,848	1,476	1,327	1,082	500	2	14
25 to 34 years.....	26,763	33,262	21,127	23,119	15,489	9,992	135	150	25 to 34 years.....	6,024	2,949	2,936	1,646	3,042	1,259	32	32
35 to 44 years.....	35,439	23,369	12,516	13,851	12,784	9,425	118	93	35 to 44 years.....	3,841	2,297	1,622	1,059	2,189	1,205	17	23
45 to 64 years.....	27,409	26,369	9,940	11,398	17,366	14,849	87	62	45 to 64 years.....	2,971	1,794	1,135	718	1,807	1,054	17	12
65 years and over.....	5,869	6,887	789	1,133	5,070	5,743	9	11	65 years and over.....	336	296	118	92	214	200	1	4
Age unknown.....	531	93	484	65	44	26	2	2	Age unknown.....	28	8	18	6	2	2		

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

[See also Table 13.]

CITY.	1910		
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STATISTICS OF POPULATION.

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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>Green Bay</b>														
Total.....	8,236	3,050	37.0	4,806	58.4	332	36	8,842	3,199	36.2	4,842	54.8	723	64
15 to 24 years.....	2,209	1,974	89.4	223	10.1	2	2	2,824	2,201	77.9	603	21.4	6	6
25 to 44 years.....	3,780	913	24.2	2,792	73.9	49	25	3,930	829	21.1	2,928	74.5	127	43
45 years and over.....	2,242	163	7.3	1,790	79.8	280	9	2,084	167	8.0	1,311	62.9	589	15
Age unknown.....	5			1		1		4	2				1	
Native white—Native parentage.....	2,032	1,058	52.1	914	45.0	52	4	2,122	1,060	50.0	914	43.1	127	17
Native white—Foreign or mixed parentage.....	4,048	1,699	42.0	2,243	55.4	78	21	4,833	1,917	39.7	2,678	55.4	195	35
Foreign-born white.....	2,123	280	13.2	1,631	76.8	201	10	1,848	207	11.2	1,228	66.5	399	12
Negro.....	17	6		8			1	17	5		11		1	
Indian.....	14	5		10		1		22	10		11		1	
<b>La Crosse</b>														
Total.....	10,583	4,432	41.9	5,607	53.0	459	70	11,629	4,654	40.0	5,588	48.1	1,238	126
15 to 24 years.....	3,052	2,795	91.6	247	8.1	4	4	3,617	3,009	83.2	576	15.9	9	8
25 to 44 years.....	4,285	1,850	43.2	2,816	65.7	79	32	4,727	1,844	39.0	3,111	65.8	202	67
45 years and over.....	3,212	265	8.3	2,531	78.8	373	38	3,271	297	9.1	1,896	58.0	1,023	51
Age unknown.....	34	16		13		3		14	4		5		4	
Native white—Native parentage.....	2,850	1,432	50.1	1,320	46.2	84	17	2,983	1,374	46.1	1,294	43.4	269	40
Native white—Foreign or mixed parentage.....	4,063	2,449	60.3	2,073	51.0	104	30	5,718	2,905	50.8	2,473	43.2	275	49
Foreign-born white.....	3,040	543	17.9	2,205	72.5	267	23	2,906	309	12.7	1,811	62.3	689	36
Negro.....	21	8		9		4		22	6		10		5	1
Indian.....														
<b>Madison</b>														
Total.....	9,241	3,837	41.5	5,015	54.3	334	39	10,097	3,954	39.2	4,968	49.2	1,076	77
15 to 24 years.....	2,631	2,402	91.3	216	8.2	4	4	2,927	2,445	83.5	463	15.8	3	2
25 to 44 years.....	4,081	1,252	30.7	2,750	67.4	50	25	4,391	1,249	28.4	2,939	66.9	156	43
45 years and over.....	2,513	176	7.0	2,045	81.4	278	14	2,769	252	9.1	1,558	56.5	914	32
Age unknown.....	16	7		4		2		20	8		5		3	
Native white—Native parentage.....	3,357	1,663	49.5	1,598	47.6	78	15	3,634	1,675	46.1	1,602	44.1	324	25
Native white—Foreign or mixed parentage.....	3,503	1,508	43.3	1,947	55.6	83	15	4,590	1,966	42.8	2,256	49.2	328	31
Foreign-born white.....	2,191	595	27.2	1,417	64.7	168	8	1,814	302	16.6	1,072	59.1	416	19
Negro.....	52	21		26		5		53	9		35		7	2
Indian.....	15	3		11		1		3	1		2		1	
<b>Milwaukee</b>														
Total.....	136,870	55,852	41.1	74,440	54.6	4,394	724	131,112	46,516	35.5	71,129	54.3	12,127	1,125
15 to 24 years.....	39,850	36,085	90.5	3,659	9.2	27	18	41,192	32,235	78.3	8,700	21.1	85	68
25 to 44 years.....	62,202	17,353	27.9	43,474	69.9	884	401	66,631	11,024	16.5	41,834	61.5	2,204	648
45 years and over.....	33,278	2,174	6.5	27,279	82.0	3,475	304	33,196	2,323	7.0	20,562	61.9	9,820	406
Age unknown.....	531	240	45.2	37	7.0	8	1	93	34		33		18	3
Native white—Native parentage.....	20,939	11,646	55.6	8,426	40.2	447	137	21,830	11,541	52.9	8,768	40.2	1,279	224
Native white—Foreign or mixed parentage.....	54,786	28,643	52.3	24,928	45.5	910	257	62,759	28,837	45.9	30,286	48.2	3,048	509
Foreign-born white.....	59,682	15,361	25.7	40,874	68.5	3,005	321	46,091	5,994	13.0	31,896	69.2	7,724	379
Negro.....	422	175	41.5	203	48.1	29	9	431	144	33.4	198	45.9	70	13
Indian.....	15	6		4		2								
<b>Oshkosh</b>														
Total.....	11,381	4,303	37.8	6,465	56.8	512	88	12,112	4,232	34.9	6,452	53.3	1,298	119
15 to 24 years.....	3,147	2,858	90.8	283	9.0	1	4	3,523	2,855	81.0	649	18.4	8	8
25 to 44 years.....	4,627	1,208	26.1	3,313	71.6	63	39	4,912	1,080	22.0	3,588	73.0	166	76
45 years and over.....	3,604	236	6.5	2,868	79.6	448	45	3,667	294	8.0	2,120	60.3	1,123	35
Age unknown.....	3	1		1				10			5			
Native white—Native parentage.....	2,845	1,219	42.8	1,478	52.0	120	25	3,107	1,357	43.7	1,350	43.5	364	34
Native white—Foreign or mixed parentage.....	4,728	2,357	49.9	2,238	47.3	98	32	5,040	2,490	49.4	2,776	55.1	367	63
Foreign-born white.....	3,768	711	18.9	2,727	72.4	294	29	3,321	375	11.3	2,299	69.2	623	19
Negro.....	31	11		18		2		39	9		24		3	3
Indian.....	7	3		4				5	1		3		1	
<b>Racine</b>														
Total.....	14,749	6,507	44.1	7,628	51.7	497	54	12,811	4,220	32.9	7,270	56.7	1,218	71
15 to 24 years.....	4,182	3,791	90.7	359	8.6	2	1	3,831	2,913	76.0	885	23.1	4	11
25 to 44 years.....	6,863	2,370	34.5	4,372	63.7	78	23	5,474	1,000	19.9	4,186	76.5	153	37
45 years and over.....	3,682	336	9.1	2,892	78.5	417	30	3,492	213	6.1	2,196	62.9	1,057	23
Age unknown.....	22	10		5				14	4		3		4	
Native white—Native parentage.....	2,753	1,352	49.1	1,275	46.3	90	10	2,567	1,135	44.2	1,193	46.5	202	23
Native white—Foreign or mixed parentage.....	4,901	2,668	54.4	2,105	43.0	99	15	5,399	2,460	45.6	2,632	48.7	203	28
Foreign-born white.....	7,043	2,462	35.0	4,222	59.9	307	29	4,798	612	12.8	3,418	71.2	746	20
Negro.....	48	22		25		1		45	11		27		7	
Indian.....								2	2					
<b>Sheboygan</b>														
Total.....	9,557	3,724	39.0	5,354	56.0	336	39	8,782	2,837	32.3	5,107	58.2	703	49
15 to 24 years.....	2,857	2,604	91.1	245	8.6	1	1	2,723	2,141	78.6	570	20.9	3	3
25 to 44 years.....	3,972	955	24.0	2,904	73.1	53	21	3,567	560	15.7	2,838	79.6	114	23
45 years and over.....	2,709	151	5.6	2,203	81.3	282	16	2,484	136	5.5	1,695	68.2	583	23
Age unknown.....	19	14		2		1		8			4		3	
Native white—Native parentage.....	1,184	742	62.7	409	34.5	18	3	1,342	795	59.2	473	35.2	55	7
Native white—Foreign or mixed parentage.....	3,640	1,725	47.4	1,820	50.2	69	14	4,128	1,713	41.5	2,193	53.2	194	22
Foreign-born white.....	4,731	1,250	26.5	3,116	65.9	248	22	3,308	328	9.9	2,437	73.7	453	20
Negro.....	1	1						4	1		2		1	
Indian.....														
<b>Superior</b>														
Total.....	17,356	9,987	57.5	6,730	38.8	463	63	10,998	3,808	34.6	6,354	58.0	718	62
15 to 24 years.....	4,156	3,869	93.1	259	6.2	3	1	3,664	2,792	76.4	828	22.7	14	4
25 to 44 years.....	9,865	5,469	55.4	4,153	42.1	135	39	5,246	912	17.4	4,096	78.1	193	41
45 years and over.....	3,367	633	19.1	2,316	70.0	325	23	2,090	100	4.8	1,459	69.8	511	17
Age unknown.....	28	16		2				8	4		1		4	
Native white—Native parentage.....	4,358	2,800	64.2	1,369	31.4	121	22	2,637	1,120	42.5	1,334	50.6	160	19
Native white—Foreign or mixed parentage.....	4,264	2,927	68.3	1,321	31.0	80	18	3,768	1,888	50.1	1,717	45.6	127	20
Foreign-born white.....	5,601	4,282	76.5	3,993	71.3	256	22	4,463	750	16.8	3,274	73.4	411	22
Negro.....	71	33		34		3	1	88	31		40		16	1
Indian.....	47	30		13		3		39	16		19		4	

<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.....	10,142	8,372	19,930	226	212	119	34	5	9
Adams.....	2	53	60						
Ashland.....	1,096	887	18	3	5	14			
Barron.....	54	25	40	1	1	1			
Bayfield.....	458	494	304		6	1			
Brown.....	876	703	732	2	9	3			
Burnett.....	238	151	81						
Calumet.....	237	257	165						
Chippewa.....	67	102	134	9	6	6			
Clark.....	29	51							
Columbia.....	14	9		4	5				
Crawford.....	23		18						
Dane.....	20	1	6	47	20	2	26	4	
Dodge.....	17	8	11	1	1	3			
Door.....	9		22	1	2				
Douglas.....	264	133	183	14	9	12	4		
Eau Claire.....	17		13	6	11	8			
Fond du Lac.....	35	16	12	6	11	3			
Forest.....	148	162	119						
Iron.....	28			1	2				
Jackson.....	230	197	1	1	1				
Juneau.....	16	49	44		1				
La Crosse.....	37				1	3			
Langlade.....	82		13	6	2	1			
Lincoln.....	68	22	5		1	3			
Marathon.....	26	18	65	1	3		2		
Marinette.....	152	202	128	5	3	3			
Marquette.....	35								
Milwaukee.....	17	4	8	53	23	14	1		
Monroe.....	309	276	25	3	3	2			
Oconto.....	219	253	48	1	3	2			
Oneida.....	78	70	29	4	3	3			
Outagamie.....	1,136	999	943	5	5	5			
Folk.....	115	113	114						
Richland.....		14							
Rusk.....	55			1					
Sawyer.....	1,224	921	7	2	2				
Shawano.....	1,743	1,768	390						
Trempealeau.....	10		12						
Vernon.....	25	22		3	2				
Vilas.....	568	259							
Washburn.....	151	90	30	1		1			
Winnobago.....	21	22	44	4	22	10			
Wood.....	108	10	2	2	3				
Remainder of state.....	25	11	9	39	46	19	1	1	3

<sup>1</sup> Includes 6,095 Indians specially enumerated in 1890, not distributed by counties.

**PROPORTION OF FOREIGN-BORN WHITE AND NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE OF WISCONSIN, 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.

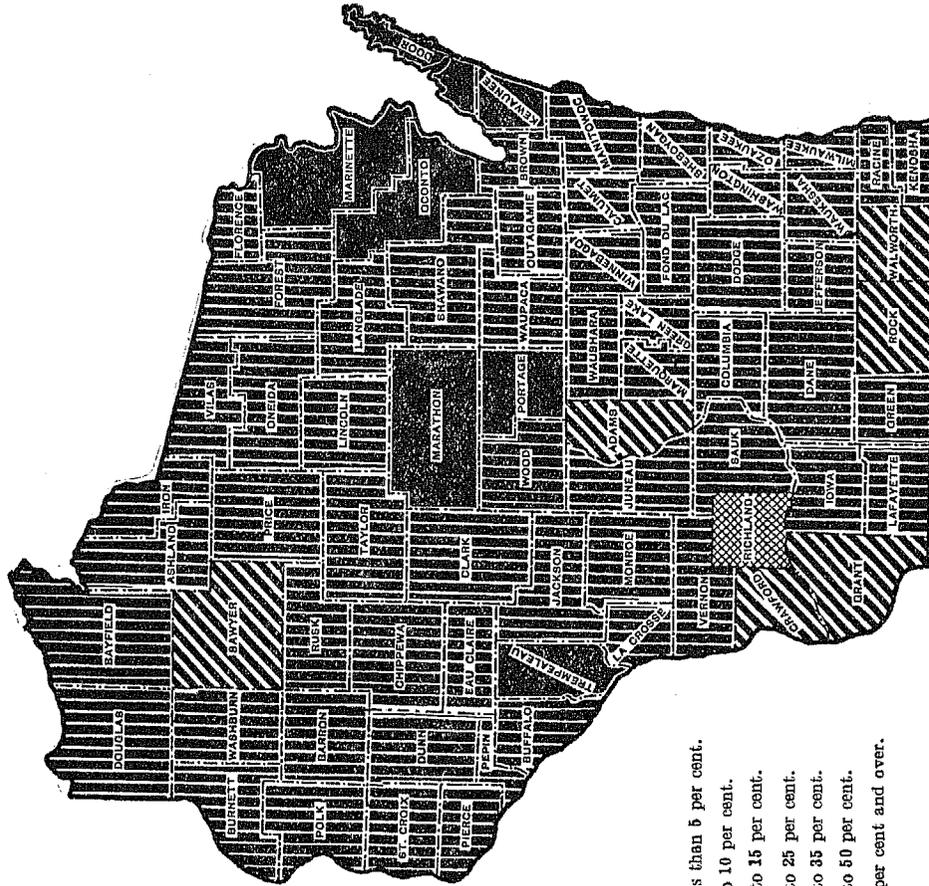


TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

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

SUBJECT.	THE STATE.	Adams.	Ashland. <sup>1</sup>	Barron.	Bayfield.	Brown.	Buffalo.	Burnett. <sup>1</sup>	Calumet.	Chip-pewa. <sup>1</sup>
<b>POPULATION</b>										
Total population, 1910.....	2,333,860	8,604	21,965	29,114	15,987	54,098	16,006	9,026	16,701	32,103
1900.....	2,069,042	9,141	20,176	23,677	14,392	46,350	16,765	7,478	17,078	33,037
1890.....	1,693,330	6,889	20,063	15,416	7,390	39,164	15,997	4,393	16,639	25,143
1880.....	1,315,497	6,741	1,559	7,024	564	34,078	15,528	3,140	16,632	15,491
1870.....	1,054,670	6,601	221	538	344	25,103	11,123	706	12,335	8,311
Increase, 1900-1910.....	264,818	-537	1,789	5,437	1,595	7,739	-759	1,548	-377	934
Per cent of increase.....	12.8	-5.9	8.9	23.0	11.1	16.7	-4.5	20.7	-2.2	2.8
Increase, 1890-1900.....	375,712	2,252	514	8,261	6,604	6,500	768	3,055	439	7,894
Per cent of increase.....	22.2	32.7	-2.6	63.6	49.4	16.6	4.8	70.2	2.6	31.4
Land area (square miles).....	55,256	684	1,082	885	1,503	520	687	860	324	1,030
Population per square mile, 1910.....	42.2	12.6	20.3	32.9	10.6	102.3	23.3	10.5	51.5	30.9
Rural population per square mile, 1910.....	24.1	12.6	9.6	28.4	8.1	46.1	23.3	10.5	51.5	19.8
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....	1,004,320		11,594	3,968	3,830	29,713				11,568
Same places in 1900.....	811,096		13,074	3,002		22,722				10,481
Per cent of increase, 1900-1910.....	23.8		-11.3	32.2		30.8				10.4
Rural, 1910—Remainder of county in 1910.....	1,329,540	8,004	10,371	25,146	12,157	24,385	10,096	9,026	16,701	20,585
Same territory in 1900.....	1,257,946	9,141	7,102	20,675	14,392	23,637	16,765	7,478	17,078	18,175
Per cent of increase, 1900-1910.....	5.7	-5.9	46.0	21.6	-15.5	3.2	-4.5	20.7	-2.2	13.0
Urban, 1900—Places of 2,500 or more in 1900.....	790,213		13,074	3,002		22,722				8,094
Rural, 1900—Remainder of county in 1900.....	1,278,829	9,141	7,102	20,675	14,392	23,637	16,765	7,478	17,078	24,943
Per cent in places of 2,500 or more, 1910.....	43.0		52.8	13.6	24.0	54.9				36.0
Per cent in places of 2,500 or more, 1900.....	38.2		64.8	12.7		49.0				24.5
<b>COLOR AND NATIVITY</b>										
White.....	2,320,555	8,598	20,858	29,041	15,521	53,151	16,005	8,782	16,461	32,020
Number in 1900.....	2,067,911	9,080	19,270	23,650	13,887	45,597	16,764	7,319	16,788	32,934
Number in 1890.....	1,680,828	6,823	20,017	15,364	7,081	38,281	15,907	4,312	16,305	24,969
Negro.....	2,900	4	8	18	8	69	1	6	3	7
Number in 1900.....	2,642	3	14	1	5	50	1	3	33	6
Number in 1890.....	2,444	6	14	11	4	148			160	34
Black.....	1,757	4	7	4	6	33	1	2	2	3
Mulatto.....	1,143		1	14	2	36		4	1	4
Ind., Chi., Jap., and all other (see Tables I and 16).....	10,405	2	1,099	55	458	878		238	237	76
Native white—Native parentage.....	763,225	4,373	4,025	8,734	2,932	18,268	5,856	2,526	6,425	10,905
Number in 1900.....	585,903	4,760	3,922	6,783	2,581	11,304	4,473	1,303	4,445	10,024
Native white—Foreign or mixed parentage.....	1,044,781	2,969	10,420	13,522	7,239	25,903	7,502	3,900	7,657	14,665
Number in 1900.....	956,303	2,956	8,583	10,207	5,691	23,986	8,589	3,986	9,072	14,676
Native white—Foreign parentage.....	724,258	1,909	7,508	9,544	5,524	17,056	4,950	2,952	5,022	9,593
Native white—Mixed parentage.....	320,503	1,060	2,912	3,978	1,715	8,847	2,552	948	2,635	5,072
Foreign-born white.....	512,569	1,256	6,413	6,785	5,350	8,980	2,647	2,356	2,379	6,450
Number in 1900.....	515,705	1,364	6,766	6,660	5,615	10,608	3,702	2,630	3,271	8,224
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	32.7	50.8	18.3	30.0	18.3	33.8	36.6	28.0	38.5	34.0
Per cent in 1900.....	28.3	52.1	10.4	28.6	17.9	23.7	26.7	26.0	26.0	30.3
Native white—Foreign or mixed parentage.....	44.8	34.5	47.4	46.4	45.3	47.9	46.9	43.2	45.8	45.7
Per cent in 1900.....	46.2	32.3	42.5	43.1	39.5	51.7	51.2	45.3	53.1	44.4
Foreign-born white.....	22.0	14.6	20.2	23.3	33.5	16.6	16.5	20.1	14.2	20.1
Per cent in 1900.....	24.9	14.0	35.5	28.1	39.0	22.9	22.1	35.2	19.2	24.9
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	38,091	250	441	458	283	448	77	27	111	673
Belgium.....	4,020		39	9	9	1,797	1		15	17
Canada—French.....	7,992	4	348	282	435	315	5	7	3	628
Canada—Other.....	16,929	32	617	204	450	361	31	54	30	605
Denmark.....	16,454	105	90	172	65	593	13	33	21	104
England.....	13,959	42	88	85	65	136	22	12	21	107
Finland.....	5,705		528	70	610	12		16	1	21
France.....	1,396	2	16	6	20	44	7	1	5	29
Germany.....	233,384	420	1,612	1,185	371	2,804	1,277	127	1,907	1,759
Greece.....	2,764	1	2		2	10				5
Holland.....	7,379	6	23	13	20	986	3	4	53	26
Hungary.....	10,554	13	68	193	31	14	5	1	23	20
Ireland.....	14,049	43	102	46	59	385	43	8	67	195
Italy.....	9,273		199	340	1	17		1	37	14
Norway.....	56,909	204	628	2,438	1,389	313	731	550	10	1,695
Russia.....	20,644	11	406	180	175	344		6	10	153
Scotland.....	3,885	18	39	20	19	61	22	5	2	43
Sweden.....	25,739	52	1,047	855	1,305	123	34	1,493	9	222
Switzerland.....	8,036	10	53	93	24	31	352	3	49	120
Wales.....	2,507		6	6	4	5			1	5
Other foreign countries.....	3,210	43	10	34	13	82	24	8	4	9
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	31,005	313	458	565	253	704	98	35	102	812
Canada—French.....	10,624	9	272	376	271	470	7	17	3	709
Canada—Other.....	9,328	14	370	215	294	210	16	31	0	599
Denmark.....	15,963	125	78	194	71	720	8	18	12	104
England.....	17,502	55	84	100	44	124	43	15	39	115
France.....	1,595	2	18	10	14	89	7	4	5	23
Germany.....	396,640	704	2,417	2,017	531	5,916	2,452	150	4,228	3,219
Holland.....	9,175	3	10	6	5	1,651	5	5	61	39
Hungary.....	2,321	6	19	125	14	12	5		4	17
Ireland.....	41,218	137	340	117	171	1,227	126	30	257	428
Italy.....	3,612		103	412		4			14	16
Norway.....	71,631	284	558	3,434	1,407	372	1,150	612	14	2,142
Russia.....	13,906	12	342	129	102	552	2	5	5	57
Scotland.....	4,244	11	40	17	30	80	40	6	3	26
Sweden.....	23,268	42	927	918	1,119	87	73	1,744	5	181
Switzerland.....	7,613	14	36	91	21	36	506	2	34	120
Wales.....	3,819		11	11	4	10	6	2	3	7
All others of foreign parentage.....	61,464	169	1,406	807	973	4,793	398	267	224	979

<sup>1</sup> For changes in boundaries, etc., see page 622.

<sup>2</sup> For combined figures for Chippewa and Rusk Counties, see Note 1 on page 622.

<sup>3</sup> State total includes population (6,450) of Indian reservations specially enumerated in 1890, not distributed by counties.

<sup>4</sup> See Note 2 on page 622.

POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Adams.	Ashland. <sup>1</sup>	Barron.	Bayfield.	Brown.	Buffalo.	Burnett. <sup>1</sup>	Calumet.	Chippewa. <sup>1</sup>
<b>SEX</b>										
Total... Male.....	1,208,578	4,620	11,825	15,284	9,128	27,256	8,362	4,857	8,511	16,761
Female.....	1,125,282	3,984	10,140	13,830	6,861	26,842	7,644	4,169	8,190	15,342
White... Male.....	1,201,620	4,616	11,258	15,253	8,880	26,773	8,362	4,731	8,382	16,716
Female.....	1,118,935	3,982	9,600	13,788	6,641	26,378	7,643	4,051	8,079	15,304
Negro... Male.....	1,476	3	6	10	4	32		3	2	6
Female.....	1,424	1	2	8	4	37	1	3	1	1
<b>MALES OF VOTING AGE</b>										
Total number.....	683,743	2,477	6,414	7,660	5,028	14,489	4,384	2,534	4,594	8,776
Number in 1900.....	670,716	2,513	6,598	6,092	5,525	11,022	4,392	1,997	4,380	8,954
Native white—Native parentage.....	148,636	1,013	931	1,853	808	2,408	830	554	646	2,097
Number in 1900.....	116,043	1,166	1,126	1,595	853	1,415	705	295	396	2,326
Native white—Foreign or mixed parentage.....	261,968	790	1,564	2,253	948	7,113	2,108	676	2,616	3,165
Number in 1900.....	192,666	659	1,428	1,118	1,073	4,643	1,753	355	2,157	2,568
Native white—Foreign parentage.....	207,808	576	1,191	1,751	765	5,748	1,735	567	2,078	2,431
Native white—Mixed parentage.....	54,160	214	373	502	183	1,365	373	109	538	734
Foreign-born white.....	269,237	672	3,027	3,539	3,147	4,693	1,437	1,252	1,254	3,492
Number in 1900.....	257,304	676	3,768	3,372	3,457	5,332	1,933	1,309	1,784	4,324
Negro.....	1,082	2	2	3	3	19		1	2	4
Number in 1900.....	1,006	4	5	1	3	19	1		10	4
Indian, Chinese, and Japanese.....	2,820		290	12	120	253		51	76	18
<b>PER CENT OF TOTAL.</b>										
Native white—Native parentage.....	21.7	40.9	14.5	24.2	16.1	16.6	19.1	21.9	14.1	23.9
Native white—Foreign or mixed parentage.....	38.3	31.9	24.4	29.4	18.9	49.1	48.1	26.7	56.9	36.1
Foreign-born white.....	39.4	27.1	55.5	46.2	62.6	32.4	32.8	49.4	27.3	39.8
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	142,848	457	2,397	1,844	1,713	2,968	885	886	748	2,128
Having first papers.....	47,708	84	516	996	412	770	230	202	168	500
Alien.....	42,937	57	470	331	709	379	93	46	78	211
Unknown.....	35,744	74	244	368	313	579	229	118	260	593
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate.....	27,038	71	453	233	183	1,388	129	74	56	490
Per cent illiterate.....	4.0	2.9	7.1	3.0	3.6	9.6	2.9	2.9	1.2	5.6
Per cent in 1900.....	5.5	5.2	8.6	7.0	7.5	13.4	4.9	7.2	3.5	6.4
Native white, number illiterate.....	5,432	29	23	58	21	517	51	13	28	147
Per cent illiterate.....	1.3	1.6	0.9	1.4	1.2	5.4	1.7	1.1	0.9	2.8
Foreign-born white, number illiterate.....	20,433	42	330	170	129	780	78	33	27	339
Per cent illiterate.....	7.6	6.3	9.1	4.8	4.1	16.6	5.4	2.6	2.2	9.7
Negro, number illiterate.....	58				1					1
Per cent illiterate.....	5.4									
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number.....	1,829,811	6,619	16,485	21,703	11,860	41,105	12,210	6,837	12,843	24,785
Number illiterate.....	57,769	149	905	550	352	2,867	312	225	108	1,247
Per cent illiterate.....	3.2	2.3	5.5	2.5	3.0	7.0	2.6	3.3	0.8	5.0
Native white, number.....	1,317,100	5,373	9,356	15,019	6,282	31,531	9,574	4,341	10,308	18,357
Number illiterate.....	11,468	50	56	118	39	1,018	95	27	41	549
Per cent illiterate.....	0.9	0.9	0.6	0.8	0.6	3.2	1.0	0.6	0.4	3.0
Foreign-born white, number.....	502,591	1,241	6,312	6,636	5,243	8,893	2,636	2,339	2,354	6,361
Number illiterate.....	43,662	98	632	419	244	1,664	217	124	63	689
Per cent illiterate.....	8.7	7.9	10.0	6.3	4.7	18.7	8.2	5.3	2.7	10.8
Negro, number.....	2,500	4	7	15	7	54		3	3	6
Number illiterate.....	113				2	2				1
Per cent illiterate.....	4.5									
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	534,911	2,103	5,153	7,525	3,691	12,722	3,931	2,262	3,980	8,207
Number illiterate.....	3,798	13	46	42	11	130	17	20	2	238
Per cent illiterate.....	0.7	0.6	0.9	0.6	0.3	1.0	0.4	0.9	0.1	2.9
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive.....	732,544	2,877	7,305	10,488	5,328	17,673	5,438	3,178	5,467	11,189
Number attending school.....	484,629	2,057	5,277	7,060	3,592	11,452	3,814	2,091	3,565	7,377
Per cent attending school.....	66.2	71.5	72.2	67.3	67.4	64.8	70.1	65.8	65.2	65.9
Number 6 to 9 years.....	197,633	774	2,152	2,963	1,637	4,951	1,507	916	1,487	2,982
Number attending school.....	163,070	680	1,914	2,362	1,247	4,104	1,307	748	1,297	2,453
Number 10 to 14 years.....	246,154	986	2,532	3,672	1,868	5,998	1,862	1,129	1,844	3,732
Number attending school.....	231,023	949	2,442	3,429	1,773	5,615	1,790	1,047	1,735	3,476
Number 15 to 17 years.....	146,627	624	1,394	2,122	939	3,451	1,114	617	1,082	2,369
Number attending school.....	66,858	365	719	969	464	1,423	581	254	439	1,157
Number 18 to 20 years.....	142,130	493	1,227	1,731	884	3,273	955	516	1,054	2,106
Number attending school.....	18,678	63	202	300	108	310	136	42	94	291
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	443,787	1,760	4,684	6,635	3,505	10,949	3,369	2,045	3,331	6,714
Number attending school.....	399,093	1,629	4,356	5,791	3,020	9,719	3,097	1,795	3,032	5,829
Per cent attending school.....	89.9	92.6	93.0	87.3	86.2	88.8	91.9	87.8	91.0	88.3
Native white—Native parentage, number.....	199,785	1,029	981	2,196	669	5,704	1,883	693	2,188	2,805
Number attending school.....	181,308	955	921	1,940	571	5,130	1,739	600	1,990	2,434
Per cent attending school.....	90.8	92.8	93.9	88.3	85.4	89.9	92.4	86.6	91.0	86.8
Native white—Foreign or mixed parentage, number.....	226,262	706	3,300	4,181	2,540	4,952	1,470	1,238	1,082	3,746
Number attending school.....	203,037	652	3,105	3,658	2,214	4,373	1,342	1,109	987	3,357
Per cent attending school.....	89.7	92.4	93.8	87.5	87.2	88.3	91.3	89.6	91.2	89.6
Foreign-born white, number.....	14,938	23	172	242	177	114	15	43	30	141
Number attending school.....	12,559	21	155	185	145	101	15	36	29	119
Per cent attending school.....	84.1		90.1	76.4	81.9	88.6				84.4
Negro, number.....	341	1	3	3	1	9	1	1		3
Number attending school.....	303	1	3	3		9	1	1		3
Per cent attending school.....	88.9									
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	462,355	1,875	4,061	5,834	3,050	10,547	3,284	1,965	3,473	6,035
Families, number.....	499,629	1,889	4,373	5,951	3,103	11,000	3,388	1,993	3,562	6,368

<sup>1</sup> Includes 355 whites specially enumerated in 1890, not distributed by counties.

<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 I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Clark. <sup>1</sup>	Columbia.	Crawford.	Dane.	Dodge.	Door.	Douglas.	Dunn.	Eau Claire.	Florence. <sup>1</sup>
<b>POPULATION</b>										
Total population, 1910.....	30,074	31,129	16,288	77,435	47,436	18,711	47,422	25,260	32,721	3,381
1900.....	25,848	31,121	17,286	69,435	46,631	17,583	38,335	25,043	31,692	3,197
1890.....	17,708	28,850	15,987	59,578	44,984	15,682	13,468	22,664	30,673	2,604
1880.....	10,715	28,065	15,044	53,233	45,931	11,645	655	16,817	19,993	.....
1870.....	3,450	28,802	13,076	53,096	47,035	4,919	1,122	9,488	10,769	.....
Increase, 1900-1910.....	4,226	8	-998	8,000	805	1,128	11,087	217	1,029	184
Per cent of increase.....	16.3	( <sup>2</sup> )	-5.8	11.5	1.7	6.4	30.5	0.9	3.2	5.8
Increase, 1890-1900.....	8,140	2,771	1,299	9,837	1,647	1,901	22,867	2,379	1,019	593
Per cent of increase.....	46.0	9.8	8.1	16.5	3.7	12.1	169.8	10.5	3.3	22.8
Land area (square miles).....	1,218	778	579	1,202	807	469	1,837	869	638	497
Population per square mile, 1910.....	24.7	40.0	28.1	64.4	52.9	39.9	35.5	29.1	51.3	6.8
Rural population per square mile, 1910.....	24.7	29.8	22.7	39.2	40.3	30.8	8.3	23.3	22.6	6.8
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....		7,993	3,149	30,292	11,280	4,262	40,384	5,036	18,310	.....
Same places in 1900.....		7,808	3,232	22,595	9,365	3,372	31,091	5,055	17,517	.....
Per cent of increase, 1900-1910.....		2.0	-2.6	34.1	20.4	26.9	29.9	-10.9	4.5	.....
Rural, 1910—Remainder of county in 1910.....	30,074	23,136	13,139	47,143	36,156	14,449	7,038	20,224	14,411	3,381
Same territory in 1900.....	25,848	23,313	14,054	46,840	37,266	14,211	5,244	19,388	14,175	3,197
Per cent of increase, 1900-1910.....	16.3	-0.6	-8.5	0.0	-3.0	1.7	34.2	4.3	1.7	5.8
Urban, 1900—Places of 2,500 or more in 1900.....		5,459	3,232	22,595	9,365	3,372	31,091	5,055	17,517	.....
Rural, 1900—Remainder of county in 1900.....	25,848	25,662	14,054	46,840	37,266	14,211	5,244	19,388	14,175	3,197
Per cent in places of 2,500 or more, 1910.....		25.6	19.3	39.1	23.8	22.8	35.2	19.9	55.0	.....
Per cent in places of 2,500 or more, 1900.....		17.5	18.7	32.5	20.1	19.2	85.6	22.6	55.3	.....
<b>COLOR AND NATIVITY</b>										
White.....	30,030	31,093	16,262	77,168	47,375	18,698	46,956	25,247	32,665	3,381
Number in 1900.....	25,796	31,090	17,281	69,328	46,584	17,578	39,003	25,039	31,691	3,198
Number in 1890.....	17,705	28,355	16,952	59,480	44,915	15,660	13,205	22,648	30,646	2,594
Negro.....	15	18	3	173	43	3	184	12	33	.....
Number in 1900.....	1	17	5	82	38	3	190	2	20	.....
Number in 1890.....	3	15	17	90	54	10	68	13	6	7
Black.....	3	9	3	89	33	1	171	11	20	.....
Mulatto.....	12	9	.....	84	10	2	13	1	13	.....
Ind., Chi., Jap., and all other (see Tables 1 and 16).....	29	18	23	94	18	10	282	1	23	.....
Native white—Native parentage.....	10,508	12,799	8,719	28,707	15,857	5,359	11,931	9,091	10,682	544
Number in 1900.....	9,093	11,159	8,277	21,657	12,433	3,438	8,362	7,885	8,849	510
Native white—Foreign or mixed parentage.....	13,371	13,098	5,564	33,697	21,900	9,673	18,883	11,114	15,124	1,642
Number in 1900.....	10,795	13,548	6,862	33,225	23,160	9,633	14,139	11,045	14,675	1,413
Native white—Foreign parentage.....	9,166	8,660	3,477	22,661	15,089	6,399	13,868	7,431	10,189	1,324
Native white—Mixed parentage.....	4,205	4,438	2,087	11,036	6,811	3,274	5,015	3,683	4,935	318
Foreign-born white.....	6,151	5,196	1,979	14,764	9,528	3,666	16,142	5,042	6,859	1,195
Number in 1900.....	5,938	6,385	2,642	15,466	11,001	4,467	13,502	6,109	8,136	1,273
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	34.9	41.1	53.5	37.1	33.4	28.6	25.2	36.0	32.6	16.1
Per cent in 1900.....	35.1	35.9	47.9	31.2	26.7	19.8	23.0	31.0	27.9	16.0
Native white—Foreign or mixed parentage.....	44.5	42.1	34.2	43.5	46.4	51.7	39.8	44.0	46.2	48.6
Per cent in 1900.....	41.8	43.5	36.8	46.4	49.6	54.8	38.9	44.1	44.2	44.2
Foreign-born white.....	20.5	16.7	12.2	19.1	20.1	19.6	34.0	20.0	21.0	35.3
Per cent in 1900.....	23.0	20.5	15.3	23.3	23.6	25.3	37.2	24.4	25.7	39.8
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	579	84	450	369	320	311	567	124	158	82
Belgium.....	14	.....	4	22	2	325	356	3	4	27
Canada—French.....	66	13	28	20	14	101	510	21	167	106
Canada—Other.....	307	140	63	323	99	170	1,789	195	558	31
Denmark.....	351	71	11	505	30	238	217	108	91	32
England.....	97	293	59	634	169	39	452	67	157	20
Finland.....	1	.....	7	.....	8	15	1,644	3	1	61
France.....	8	8	10	61	26	10	66	10	14	1
Germany.....	3,074	2,620	383	3,983	6,920	1,158	1,174	1,551	2,352	153
Greece.....	.....	.....	2	60	136	2	107	59	11	.....
Holland.....	28	343	19	284	23	23	35	17	8	1
Hungary.....	23	13	.....	56	376	1	174	96	31	20
Ireland.....	63	238	158	698	250	85	496	87	237	17
Italy.....	3	21	59	346	74	.....	91	5	7	54
Norway.....	571	689	651	6,258	73	721	2,812	2,330	2,518	30
Russia.....	472	72	8	335	298	26	1,400	9	67	61
Scotland.....	15	174	18	157	51	9	253	22	43	2
Sweden.....	296	72	7	367	45	386	3,738	227	325	490
Switzerland.....	112	44	47	427	197	32	38	88	85	6
Wales.....	6	277	.....	47	102	.....	17	6	12	.....
Other foreign countries.....	12	23	15	70	43	14	206	14	13	1
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	637	70	679	374	97	397	242	166	184	22
Canada—French.....	67	21	54	21	15	166	361	14	191	139
Canada—Other.....	168	41	21	118	39	144	982	121	327	14
Denmark.....	380	71	3	414	20	215	179	100	84	13
England.....	127	389	75	820	219	60	277	89	174	13
France.....	13	14	6	124	46	20	40	7	28	4
Germany.....	5,107	4,447	681	8,491	12,233	2,246	1,858	2,607	3,974	165
Holland.....	70	217	1	24	311	23	26	9	23	1
Hungary.....	29	1	2	4	47	1	59	73	14	13
Ireland.....	140	840	615	2,195	927	178	1,070	141	467	37
Italy.....	1	.....	97	19	.....	.....	23	.....	2	30
Norway.....	744	1,065	998	7,436	134	898	2,213	3,338	3,406	32
Russia.....	379	24	4	154	92	62	645	11	40	10
Scotland.....	34	293	33	222	59	8	158	30	40	7
Sweden.....	218	32	3	258	7	339	3,048	241	307	628
Switzerland.....	113	29	47	444	77	22	19	86	93	.....
Wales.....	12	476	1	69	202	.....	16	7	12	2
All others of foreign parentage <sup>2</sup> .....	927	680	254	1,396	545	1,614	2,652	491	873	194

<sup>1</sup> For changes in boundaries, etc., see page 622.

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

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Clark. 1	Columbia.	Crawford.	Dane.	Dodge.	Door.	Douglas.	Dunn.	Eau Claire.	Florence. 1
<b>SEX</b>										
Total.. Male.....	15,824	15,755	8,573	39,458	24,728	9,731	27,427	13,123	16,525	1,943
Female.....	14,250	15,374	7,715	37,977	22,708	8,980	19,995	12,137	16,196	1,438
White.. Male.....	15,799	15,730	8,557	39,285	24,675	9,722	27,197	13,120	16,500	1,943
Female.....	14,231	15,363	7,705	37,883	22,700	8,976	19,759	12,127	16,165	1,438
Negro.. Male.....	11	11	1	87	35	2	80	2	12	1
Female.....	4	7	3	86	8	1	104	10	21	1
<b>MALES OF VOTING AGE</b>										
Total number.....	8,218	9,352	4,662	23,282	14,760	5,110	17,550	6,941	9,285	1,070
Number in 1900.....	6,748	8,988	4,694	19,972	13,329	4,469	13,664	6,467	8,098	981
Native white—Native parentage.....	2,090	2,587	1,814	5,697	2,475	644	4,252	1,784	2,333	107
Number in 1900.....	2,035	2,306	1,691	4,237	1,735	465	2,856	1,740	2,053	124
Native white—Foreign or mixed parentage.....	2,837	4,149	1,775	9,798	7,127	2,481	3,573	2,535	3,401	238
Number in 1900.....	1,776	3,548	1,620	7,824	5,398	1,659	2,810	1,632	2,037	162
Native white—Foreign parentage.....	2,165	3,190	1,349	7,687	5,816	2,014	2,861	1,968	2,627	194
Native white—Mixed parentage.....	672	959	426	2,111	1,311	467	712	567	774	44
Foreign-born white.....	3,281	2,599	1,057	7,651	5,113	1,982	9,575	2,620	3,533	725
Number in 1900.....	2,923	3,118	1,383	7,836	5,670	2,332	7,781	5,072	3,987	694
Negro.....	4	8	1	61	29	2	69	1	9	1
Number in 1900.....	1	9	1	51	20	1	86	2	10	1
Indian, Chinese, and Japanese.....	6	9	16	75	16	1	81	1	9	1
<b>PER CENT OF TOTAL.</b>										
Native white—Native parentage.....	25.4	27.7	38.9	24.5	16.8	12.6	24.2	25.7	25.1	10.0
Native white—Foreign or mixed parentage.....	34.5	44.4	38.1	42.1	48.3	48.6	20.4	36.5	36.6	22.2
Foreign-born white.....	39.9	27.8	22.7	32.9	34.6	38.8	54.6	37.7	38.1	67.8
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	1,902	1,584	541	4,029	2,996	1,149	4,431	1,447	2,303	410
Having first papers.....	534	377	187	1,647	758	540	1,552	399	566	148
Alien.....	373	196	121	741	913	164	2,389	295	201	141
Unknown.....	472	442	208	1,234	446	129	1,203	479	463	26
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate.....	419	148	121	459	487	361	611	291	300	82
Per cent illiterate.....	5.1	1.6	2.6	2.0	3.3	7.1	3.5	4.2	3.2	7.7
Per cent in 1900.....	3.7	2.8	5.2	3.7	3.4	11.1	5.3	9.0	4.3	10.6
Native white, number illiterate.....	78	47	74	74	96	182	22	65	77	11
Per cent illiterate.....	1.6	0.7	2.1	0.5	1.0	5.8	0.3	1.5	1.3	3.2
Foreign-born white, number illiterate.....	336	99	42	369	387	178	568	226	223	71
Per cent illiterate.....	10.2	3.8	4.0	4.8	7.6	9.0	5.9	8.6	6.3	9.8
Negro, number illiterate.....	4	8	1	61	29	2	69	1	9	1
Per cent illiterate.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number.....	22,547	25,227	12,567	62,166	38,007	14,038	37,058	19,459	26,176	2,626
Number illiterate.....	940	315	306	1,093	913	706	1,084	686	681	141
Per cent illiterate.....	4.2	1.2	2.4	1.8	2.4	5.0	2.9	3.5	2.6	5.4
Native white, number.....	16,432	20,060	10,570	47,395	28,605	10,379	20,985	14,452	10,328	1,450
Number illiterate.....	159	83	140	143	193	331	54	126	135	18
Per cent illiterate.....	1.0	0.4	1.3	0.3	0.7	3.2	0.3	0.9	0.7	1.2
Foreign-born white, number.....	6,084	5,135	1,972	14,538	9,345	3,651	15,700	4,998	6,807	1,176
Number illiterate.....	765	229	158	929	714	374	974	500	546	123
Per cent illiterate.....	12.6	4.5	8.0	6.4	7.6	10.2	6.2	11.2	8.0	10.5
Negro, number.....	12	16	2	142	39	2	167	8	24	1
Number illiterate.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Per cent illiterate.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	7,387	6,865	3,850	16,571	10,401	4,466	9,298	6,307	8,002	806
Number illiterate.....	52	21	11	68	59	26	81	23	22	4
Per cent illiterate.....	0.7	0.3	0.3	0.4	0.6	0.6	0.9	0.4	0.3	0.4
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive.....	10,412	9,263	5,344	22,491	14,179	6,341	13,314	8,730	10,651	1,202
Number attending school.....	7,072	6,696	3,479	15,464	9,460	4,462	9,199	6,111	7,545	821
Per cent attending school.....	67.9	72.3	65.1	68.8	66.7	70.2	69.1	70.0	70.8	68.3
Number 6 to 9 years.....	3,025	2,398	1,404	5,920	3,778	1,875	4,016	2,423	2,649	308
Number attending school.....	2,511	2,178	1,176	5,064	3,407	1,664	3,389	2,017	2,403	285
Number 10 to 14 years.....	3,667	3,138	1,802	7,361	4,708	2,140	4,381	3,002	3,542	403
Number attending school.....	3,469	3,003	1,652	7,013	4,422	2,030	4,133	2,880	3,416	386
Number 15 to 17 years.....	2,042	1,805	1,019	4,483	2,835	1,253	2,326	1,727	2,247	269
Number attending school.....	904	1,119	510	2,407	1,257	603	1,297	991	1,304	115
Number 18 to 20 years.....	1,078	1,862	1,029	4,727	2,858	1,073	2,591	1,578	2,213	224
Number attending school.....	188	397	141	980	374	155	380	243	422	35
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	6,692	5,536	3,296	13,281	8,486	4,015	8,397	5,425	6,191	709
Number attending school.....	5,980	5,180	2,828	12,077	7,829	3,694	7,522	4,877	5,819	671
Per cent attending school.....	89.4	93.6	85.8	90.9	92.3	92.0	89.6	89.9	94.0	94.6
Native white—Native parentage, number.....	2,782	3,332	2,299	7,214	4,717	1,710	2,208	2,512	2,531	121
Number attending school.....	2,520	3,118	2,003	6,549	4,364	1,588	1,953	2,253	2,356	114
Per cent attending school.....	90.6	93.6	87.1	90.8	92.5	92.5	88.5	89.7	93.1	94.2
Native white—Foreign or mixed parentage, number.....	3,746	2,071	979	5,676	3,528	2,266	5,486	2,818	3,536	550
Number attending school.....	3,327	1,942	809	5,194	3,269	2,077	4,900	2,550	3,356	528
Per cent attending school.....	88.8	93.8	82.6	91.5	92.7	91.7	90.4	90.5	94.9	94.5
Foreign-born white, number.....	153	122	18	366	236	28	642	91	117	29
Number attending school.....	130	110	16	314	191	25	566	70	100	29
Per cent attending school.....	85.0	90.2	88.9	85.8	80.9	89.3	88.2	77.0	85.5	100.0
Negro, number.....	3	3	1	24	5	1	10	4	4	1
Number attending school.....	3	2	1	19	5	1	7	4	4	1
Per cent attending school.....	100.0	66.7	100.0	79.2	100.0	100.0	70.0	100.0	100.0	100.0
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	6,283	7,186	3,414	15,925	10,226	3,689	7,548	5,162	6,585	671
Families, number.....	6,386	7,301	3,478	17,127	10,564	3,832	8,508	5,315	7,052	678

<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 I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron. <sup>1</sup>	Jackson.	Jefferson.	Juneau.
<b>POPULATION</b>										
Total population, 1910.....	51,610	6,782	39,007	21,641	15,491	22,497	8,308	17,075	34,306	19,569
1900.....	47,589	1,396	38,881	22,719	15,797	23,114	6,618	17,466	34,789	20,629
1880.....	44,088	1,012	30,651	22,732	15,163	22,117	.....	15,707	33,530	17,121
1880.....	45,859	.....	37,852	21,729	14,483	23,628	.....	13,285	32,156	15,582
1870.....	46,273	.....	37,079	23,611	13,195	24,544	.....	7,687	34,040	12,372
Increase, 1900-1910.....	4,021	5,386	126	-1,078	-306	-617	1,690	-391	-483	-1,090
Per cent of increase.....	8.4	385.8	0.3	-4.7	-1.9	-2.7	25.5	-2.2	-1.4	-5.1
Increase, 1880-1900.....	3,501	384	2,230	-13	634	997	6,016	1,689	1,260	3,508
Per cent of increase.....	7.9	37.9	6.1	-0.1	4.2	4.5	.....	10.6	3.8	20.5
Land area (square miles).....	726	1,400	1,169	593	360	781	792	990	552	802
Population per square mile, 1910.....	71.1	4.8	33.4	36.5	43.0	28.9	10.5	17.2	62.1	24.4
Rural population per square mile, 1910.....	38.5	4.8	20.6	29.1	30.3	25.1	10.5	17.2	38.6	24.4
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....	23,681	.....	4,452	4,410	4,580	2,925	.....	.....	12,983	.....
Same places in 1900.....	20,046	.....	3,340	3,927	4,448	.....	.....	.....	11,894	.....
Per cent of increase, 1900-1910.....	18.1	.....	33.3	12.3	3.1	-2.2	.....	.....	9.2	.....
Rural, 1910—Remainder of county in 1910.....	27,929	6,782	34,555	17,231	10,905	19,572	8,306	17,075	21,323	19,569
Same territory in 1900.....	27,543	1,396	35,541	18,792	11,349	20,123	6,616	17,466	22,895	20,629
Per cent of increase, 1900-1910.....	1.4	385.8	-2.8	-8.3	-3.9	-2.7	25.5	-2.2	-6.9	-5.1
Urban, 1900—Places of 2,500 or more in 1900.....	20,046	.....	3,340	3,927	4,448	2,991	.....	.....	11,894	.....
Rural, 1900—Remainder of county in 1900.....	27,543	1,396	35,541	18,792	11,349	20,123	6,616	17,466	22,895	20,629
Per cent in places of 2,500 or more, 1910.....	45.9	.....	11.4	20.4	29.6	13.0	.....	.....	37.8	.....
Per cent in places of 2,500 or more, 1900.....	42.1	.....	8.6	17.3	29.2	12.9	.....	.....	34.2	.....
<b>COLOR AND NATIVITY</b>										
White.....	51,515	6,632	38,950	21,635	15,481	22,469	8,274	16,842	34,282	19,540
Number in 1900.....	47,429	1,234	33,821	22,695	15,793	23,095	6,613	17,266	34,749	20,571
Number in 1880.....	43,969	893	30,583	22,700	15,167	22,103	.....	15,786	33,496	17,059
Negro.....	54	2	55	6	8	20	3	2	22	13
Number in 1900.....	136	.....	60	24	8	18	1	2	30	8
Number in 1880.....	113	.....	63	32	6	14	.....	10	34	18
Black.....	29	2	30	3	3	13	3	1	10	2
Mulatto.....	25	.....	25	3	1	7	.....	1	3	11
Ind., Chi., Jap., and all other (see Tables I and 16).....	41	148	2	.....	2	8	29	231	2	16
Native white—Native parentage.....	21,050	3,113	21,699	9,954	4,719	9,794	916	6,062	12,227	8,425
Number in 1900.....	16,012	589	18,565	9,832	4,064	7,853	866	5,600	10,014	8,976
Native white—Foreign or mixed parentage.....	22,145	2,383	13,470	7,845	7,424	9,546	3,784	7,557	15,681	7,659
Number in 1900.....	21,309	428	16,043	8,414	7,581	11,176	2,865	7,715	16,447	7,682
Native white—Foreign parentage.....	15,366	1,335	8,402	5,250	5,251	6,491	3,073	5,078	10,798	5,141
Native white—Mixed parentage.....	6,779	1,048	5,068	2,595	2,173	3,055	711	2,479	4,883	2,518
Foreign-born white.....	8,320	1,136	3,781	3,836	3,338	3,129	3,574	3,223	6,374	3,456
Number in 1900.....	9,605	226	5,213	4,599	4,143	4,066	.....	3,951	3,283	3,913
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	40.8	45.9	55.6	46.0	30.5	43.5	11.0	35.5	35.6	43.1
Per cent in 1900.....	33.6	41.6	47.7	43.5	25.7	54.0	18.1	32.1	28.8	43.5
Native white—Foreign or mixed parentage.....	42.9	35.1	34.5	36.3	47.9	42.4	45.6	44.3	45.7	39.1
Per cent in 1900.....	45.8	50.7	38.7	37.0	48.4	43.3	.....	47.3	47.3	37.2
Foreign-born white.....	16.1	16.8	9.7	17.7	21.5	13.9	43.0	18.0	18.6	17.7
Per cent in 1900.....	20.2	16.2	13.4	19.4	29.3	17.6	.....	22.6	23.8	19.0
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	145	145	463	20	7	182	391	223	131	355
Belgium.....	14	6	3	.....	.....	.....	46	.....	4	11
Canada—French.....	199	76	5	2	2	6	161	23	11	15
Canada—Other.....	255	125	120	45	43	132	162	97	74	84
Denmark.....	67	14	23	48	43	14	15	26	23	266
England.....	332	26	614	134	124	651	109	70	229	172
Finland.....	6	9	2	.....	.....	.....	912	.....	.....	3
France.....	18	6	11	18	1	10	58	4	9	10
Germany.....	5,351	367	1,799	1,037	2,714	641	217	680	5,237	1,525
Greece.....	125	.....	5	.....	.....	.....	.....	.....	.....	17
Holland.....	392	7	21	.....	.....	.....	2	.....	.....	24
Hungary.....	42	9	3	.....	.....	.....	3	.....	.....	8
Ireland.....	480	27	304	144	83	227	58	47	171	227
Italy.....	187	4	2	1	13	75	854	1	8	17
Norway.....	79	47	231	352	5	661	71	1,733	197	404
Russia.....	250	199	15	28	118	25	300	9	74	132
Scotland.....	36	10	39	8	44	17	17	29	37	36
Sweden.....	26	51	21	25	14	11	185	243	12	123
Switzerland.....	100	1	43	1,932	6	256	9	.....	50	25
Wales.....	53	1	17	30	83	191	1	6	51	9
Other foreign countries.....	113	6	29	10	9	25	5	3	24	10
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	87	30	651	2	7	205	283	238	102	382
Canada—French.....	389	118	15	1	10	9	167	22	8	16
Canada—Other.....	116	68	42	12	19	50	120	47	15	53
Denmark.....	69	18	16	55	41	3	12	19	17	304
England.....	406	30	1,564	152	115	1,570	88	70	327	223
France.....	34	7	10	11	1	11	14	2	14	7
Germany.....	10,485	707	4,086	1,444	4,471	1,569	283	1,196	8,973	2,163
Holland.....	625	6	30	3	3	1	2	2	4	16
Hungary.....	12	.....	8	.....	.....	.....	.....	.....	.....	4
Ireland.....	1,704	77	984	479	200	391	153	139	488	635
Italy.....	86	.....	2	.....	.....	.....	516	.....	.....	8
Norway.....	94	69	361	540	13	1,064	82	2,579	278	568
Russia.....	87	26	5	13	52	9	238	7	29	86
Scotland.....	108	7	59	20	52	26	12	56	52	32
Sweden.....	23	26	7	10	7	2	140	222	11	99
Switzerland.....	101	3	59	2,137	3	211	1	43	27	32
Wales.....	79	3	22	58	66	392	2	5	74	12
All others of foreign parentage.....	861	140	531	312	191	471	958	424	370	459

<sup>1</sup> For changes in boundaries, etc., see page 622.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron. <sup>1</sup>	Jackson.	Jefferson.	Juneau.
<b>SEX</b>										
Total.. Male.....	25,877	3,927	10,492	11,287	7,775	11,525	4,777	8,953	17,166	10,048
Female.....	25,733	2,855	19,515	10,374	7,716	10,972	3,529	8,122	17,140	9,521
White.. Male.....	25,825	3,837	19,467	11,264	7,771	11,509	4,759	8,846	17,152	10,029
Female.....	25,690	2,795	19,483	10,371	7,710	10,960	3,515	7,996	17,130	9,511
Negro.. Male.....	27	2	23	3	2	11	.....	2	12	8
Female.....	27	.....	32	3	6	9	3	.....	10	5
<b>MALES OF VOTING AGE</b>										
Total number.....	15,392	2,251	11,177	6,558	4,408	6,635	2,697	4,090	10,166	5,617
Number in 1900.....	13,579	487	10,652	6,413	4,264	6,459	2,242	4,062	9,654	5,797
Native white—Native parentage.....	3,926	737	4,210	2,333	920	1,410	217	1,183	2,198	1,865
Number in 1900.....	3,117	158	3,570	2,318	1,001	916	211	1,294	1,796	2,066
Native white—Foreign or mixed parentage.....	7,128	672	4,985	2,205	1,810	3,561	442	1,792	4,768	1,985
Number in 1900.....	5,639	147	4,583	1,006	1,238	3,498	385	1,311	3,868	1,706
Native white—Foreign parentage.....	5,712	454	3,601	1,656	1,501	2,751	349	1,409	3,841	1,502
Native white—Mixed parentage.....	1,416	188	1,384	549	309	810	93	383	927	483
Foreign-born white.....	4,305	702	1,956	2,017	1,675	1,657	2,028	1,657	3,186	1,754
Number in 1900.....	4,763	141	2,681	2,170	1,072	2,038	1,644	2,000	4,033	2,007
Negro.....	22	1	15	3	1	4	.....	2	12	5
Number in 1900.....	40	.....	19	10	2	6	.....	2	19	7
Indian, Chinese, and Japanese.....	11	49	2	.....	2	3	10	56	2	8
<b>PER CENT OF TOTAL.</b>										
Native white—Native parentage.....	25.5	32.7	37.7	35.6	20.9	21.3	8.0	25.2	21.6	33.2
Native white—Foreign or mixed parentage.....	46.3	29.9	44.6	33.6	41.1	53.7	16.4	38.2	46.9	35.3
Foreign-born white.....	28.0	35.2	17.5	30.8	38.0	25.0	75.2	35.3	31.3	31.2
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	2,496	327	1,230	950	890	745	746	966	1,958	1,009
Having first papers.....	538	89	180	489	424	220	530	334	320	323
Alien.....	399	324	60	249	89	180	683	78	141	119
Unknown.....	872	52	486	329	263	512	69	279	767	303
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate.....	346	123	266	132	286	131	165	212	93	244
Per cent illiterate.....	2.2	5.5	2.4	2.0	6.5	2.0	6.1	4.5	0.9	4.3
Per cent in 1900.....	5.7	8.7	3.3	3.9	10.3	5.1	8.2	7.7	3.1	5.2
Native white, number illiterate.....	59	24	116	59	60	39	18	47	33	55
Per cent illiterate.....	0.5	1.7	1.3	1.3	2.2	0.3	2.7	1.6	0.5	1.4
Foreign-born white, number illiterate.....	282	83	149	72	226	91	145	127	59	187
Per cent illiterate.....	6.6	10.5	7.6	3.6	13.5	5.5	7.1	7.7	1.9	10.7
Negro, number illiterate.....	4	.....	.....	1	.....	1	.....	.....	.....	.....
Per cent illiterate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number.....	41,493	4,929	30,850	17,340	12,211	17,934	6,035	13,073	27,064	15,361
Number illiterate.....	704	195	569	304	619	299	289	542	233	590
Per cent illiterate.....	1.7	4.0	1.8	1.8	5.1	1.7	4.8	4.1	0.8	3.8
Native white, number.....	33,191	3,088	27,067	13,565	8,894	14,850	2,555	9,093	21,615	11,914
Number illiterate.....	142	47	214	129	114	89	27	100	82	100
Per cent illiterate.....	0.4	1.3	0.8	1.0	1.3	0.6	1.1	1.0	0.4	0.8
Foreign-born white, number.....	8,222	1,122	3,737	3,769	3,310	3,065	3,456	3,196	6,325	3,423
Number illiterate.....	554	96	353	173	505	209	250	335	170	483
Per cent illiterate.....	6.7	8.6	9.4	4.6	15.3	6.8	7.4	10.5	2.4	14.1
Negro, number.....	50	2	44	6	5	14	2	2	22	11
Number illiterate.....	7	.....	1	2	.....	1	.....	.....	.....	.....
Per cent illiterate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	10,865	1,366	8,634	4,770	3,539	5,036	1,758	4,191	7,594	4,553
Number illiterate.....	51	26	15	18	27	17	9	36	22	26
Per cent illiterate.....	0.5	1.9	0.2	0.4	0.8	0.3	0.5	0.9	0.3	0.6
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive.....	14,795	2,041	11,862	6,391	4,861	6,924	2,569	5,805	10,186	6,345
Number attending school.....	10,079	1,397	8,401	4,296	3,394	5,002	1,878	3,947	6,805	4,455
Per cent attending school.....	68.1	68.4	70.8	67.2	69.8	72.2	73.1	68.0	66.8	70.2
Number 6 to 9 years.....	3,930	675	3,228	1,621	1,322	1,888	611	1,614	2,592	1,772
Number attending school.....	3,495	589	2,666	1,341	1,209	1,639	750	1,250	2,312	1,470
Number 10 to 14 years.....	4,822	653	3,985	2,154	1,639	2,298	848	1,206	3,981	2,269
Number attending school.....	4,662	615	3,763	2,004	1,616	2,179	819	1,939	3,134	2,142
Number 15 to 17 years.....	3,024	322	2,379	1,269	969	1,399	472	1,140	2,148	1,250
Number attending school.....	1,550	154	1,484	719	465	903	236	617	1,029	700
Number 18 to 20 years.....	3,019	391	2,270	1,347	881	1,348	438	995	2,065	1,054
Number attending school.....	432	39	548	232	104	281	73	161	330	143
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	8,752	1,328	7,213	3,775	3,011	4,186	1,659	3,670	5,973	4,041
Number attending school.....	3,097	1,204	6,369	3,345	2,825	3,818	1,599	3,169	5,446	3,612
Per cent attending school.....	92.5	90.7	88.3	88.9	93.8	91.2	94.6	86.3	91.2	89.4
Native white—Native parentage, number.....	5,425	778	5,655	2,213	1,214	3,075	230	1,649	3,364	2,198
Number attending school.....	5,023	718	5,012	1,976	1,152	2,805	221	1,436	3,068	1,970
Per cent attending school.....	92.6	92.3	88.0	89.3	94.9	91.2	96.1	87.1	91.2	89.6
Native white—Foreign or mixed parentage, number.....	3,173	497	1,495	1,475	1,742	1,036	1,255	1,919	2,505	1,772
Number attending school.....	2,940	457	1,399	1,299	1,631	945	1,138	1,662	2,286	1,577
Per cent attending school.....	92.7	92.0	87.6	88.1	93.6	91.2	94.7	86.6	91.3	89.0
Foreign-born white, number.....	138	23	55	87	53	68	168	52	103	70
Number attending school.....	118	20	41	70	40	62	154	46	91	65
Per cent attending school.....	85.5	.....	.....	.....	.....	.....	91.7	.....	88.3	.....
Negro, number.....	6	.....	8	.....	2	5	.....	.....	1	.....
Number attending school.....	6	.....	7	.....	2	4	.....	.....	1	.....
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	11,480	1,292	8,839	5,256	3,499	4,994	1,463	3,598	7,094	4,366
Families, number.....	11,791	1,322	8,960	5,319	3,553	5,100	1,521	3,620	8,195	4,432

<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 I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Kenosha.	Kewaunee.	La Crosse.	Lafayette.	Langlade.	Lincoln.	Manitowoc.	Marathon.	Marquette.	Marquette.
<b>POPULATION</b>										
Total population, 1910.....	82,029	16,784	43,896	20,075	17,062	19,064	44,978	55,054	33,812	10,741
1900.....	21,707	17,212	42,997	20,959	12,553	16,269	42,261	43,256	30,822	10,509
1890.....	15,581	16,153	38,801	20,265	9,465	12,008	37,531	30,369	20,304	9,676
1880.....	13,560	15,807	27,073	21,279	685	2,011	37,805	17,121	8,929	8,908
1870.....	13,147	10,128	20,297	22,659	.....	.....	33,364	5,885	.....	8,066
Increase, 1900-1910.....	11,222	-428	999	-884	4,509	2,795	2,717	11,798	2,990	232
Per cent of increase.....	51.7	-2.5	2.3	-4.2	35.9	17.2	6.4	27.3	9.7	2.2
Increase, 1890-1900.....	6,126	1,059	4,196	694	3,088	4,261	4,430	12,887	10,518	833
Per cent of increase.....	39.3	6.6	10.8	3.4	32.6	35.5	11.7	42.4	51.8	8.6
Land area (square miles).....	282	337	481	642	875	902	602	1,554	1,415	457
Population per square mile, 1910.....	116.8	49.8	91.5	31.3	19.5	21.1	74.7	35.4	23.9	23.5
Rural population per square mile, 1910.....	41.0	49.8	28.2	31.3	11.3	8.3	45.0	24.8	13.6	23.5
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....	21,371	.....	30,417	.....	7,196	11,566	17,877	16,560	14,610	.....
Same places in 1900.....	11,606	.....	28,895	.....	5,145	10,828	15,570	12,354	16,195	.....
Per cent of increase, 1900-1910.....	84.1	.....	5.3	.....	39.9	7.1	14.8	34.0	-9.8	.....
Rural, 1910—Remainder of county in 1910.....	11,558	16,784	13,579	20,075	9,866	7,498	27,101	38,494	19,202	10,741
Same territory in 1900.....	10,161	17,212	14,102	20,959	7,408	5,441	26,091	30,902	14,627	10,509
Per cent of increase, 1900-1910.....	14.4	-2.5	-3.7	-4.2	33.2	37.3	1.9	24.6	31.3	2.2
Urban, 1900—Places of 2,500 or more in 1900.....	11,606	.....	28,895	.....	5,145	8,537	15,570	12,354	16,195	.....
Rural, 1900—Remainder of county in 1900.....	10,161	17,212	14,102	20,959	7,408	7,732	26,091	30,902	14,627	10,509
Per cent in places of 2,500 or more, 1910.....	64.9	.....	69.1	.....	42.2	60.8	39.7	30.1	43.2	.....
Per cent in places of 2,500 or more, 1900.....	53.5	.....	67.2	.....	41.0	52.5	36.8	28.6	52.5	.....
<b>COLOR AND NATIVITY</b>										
White.....	32,888	16,784	43,885	20,069	16,064	18,084	44,956	55,013	33,044	10,697
Number in 1900.....	21,670	17,205	42,923	20,955	12,048	16,245	42,253	43,231	30,814	10,506
Number in 1890.....	16,561	16,144	38,732	20,262	9,460	11,093	37,817	30,268	20,139	9,676
Negro.....	40	.....	74	5	10	12	16	12	11	9
Number in 1900.....	30	6	70	2	9	13	9	4	5	5
Number in 1890.....	20	9	69	2	7	13	15	46	34	7
Black.....	24	.....	29	5	4	7	3	7	8	8
Mulatto.....	16	.....	45	.....	6	7	13	5	8	1
Ind., Chi., Jap., and all other (see Tables I and 16).....	1	.....	37	1	88	68	6	29	157	35
Native white—Native parentage.....	9,082	5,080	14,354	9,293	6,886	4,849	15,213	14,336	7,344	4,080
Number in 1900.....	6,169	2,655	10,890	8,426	4,304	3,731	9,179	8,029	6,027	3,022
Native white—Foreign or mixed parentage.....	13,364	8,596	20,699	8,166	7,202	9,423	21,921	28,376	17,397	4,853
Number in 1900.....	9,573	10,065	21,157	9,218	5,641	7,520	23,035	22,729	15,076	5,179
Native white—Foreign parentage.....	9,709	5,825	14,180	5,152	4,663	6,380	14,890	19,219	12,831	3,202
Native white—Mixed parentage.....	3,055	2,771	6,519	3,014	2,539	3,043	7,031	9,156	5,006	1,651
Foreign-born white.....	10,442	3,108	8,832	2,610	2,876	4,712	7,822	12,302	8,903	1,704
Number in 1900.....	6,928	4,485	10,899	3,312	2,003	4,688	10,039	12,473	9,911	2,205
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	27.6	30.3	32.6	46.3	40.4	25.4	33.8	26.0	21.7	38.0
Per cent in 1900.....	28.4	15.3	25.5	40.2	34.5	22.9	21.7	18.0	18.3	29.1
Native white—Foreign or mixed parentage.....	40.6	51.2	47.0	40.7	44.2	49.4	48.7	51.5	51.5	45.2
Per cent in 1900.....	44.1	58.2	49.2	44.0	44.9	48.1	48.5	52.5	48.9	49.3
Foreign-born white.....	31.7	18.5	20.1	15.0	15.9	24.7	17.4	22.3	26.3	16.4
Per cent in 1900.....	27.3	20.1	25.3	16.8	20.7	23.8	23.8	23.8	52.2	21.6
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	731	1,437	706	22	686	110	1,417	859	555	11
Belgium.....	6	416	3	13	8	41	9	15	116	.....
Canada—French.....	19	.....	73	3	47	306	57	175	1,152	.....
Canada—Other.....	228	27	201	46	149	274	96	332	665	51
Denmark.....	1,143	11	90	4	69	92	25	133	288	55
England.....	467	10	156	421	66	46	70	130	83	.....
Finland.....	58	1	3	1	2	159	3	22	128	2
France.....	12	9	23	1	7	3	18	54	18	2
Germany.....	3,069	1,075	3,705	474	1,330	2,357	5,060	8,807	2,420	1,240
Greece.....	4	.....	86	.....	5	.....	.....	.....	5	.....
Holland.....	227	6	141	4	45	4	19	86	100	1
Hungary.....	587	.....	57	8	20	4	13	85	86	1
Ireland.....	221	42	188	374	57	49	168	73	154	125
Italy.....	913	7	57	36	4	33	74	34	.....	.....
Norway.....	145	35	2,465	699	69	419	463	471	719	17
Russia.....	1,740	9	155	8	122	313	107	578	748	47
Scotland.....	73	.....	66	22	19	17	12	25	38	76
Sweden.....	580	2	188	50	133	387	37	295	1,493	31
Switzerland.....	54	6	187	387	18	22	53	153	23	4
Wales.....	59	.....	63	18	5	2	5	4	5	10
Other foreign countries.....	106	2	219	10	22	18	22	29	22	7
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	198	2,208	775	3	718	62	2,176	855	522	7
Canada—French.....	18	28	102	4	72	335	128	210	1,585	3
Canada—Other.....	75	9	94	18	97	186	80	108	517	16
Denmark.....	845	21	70	3	65	81	12	124	337	47
England.....	394	18	187	1,053	59	68	73	104	111	109
France.....	17	7	26	11	13	6	10	35	32	1
Germany.....	4,831	2,001	6,773	1,004	2,459	3,966	10,226	14,806	3,947	2,288
Holland.....	197	13	116	1	89	65	12	105	145	2
Hungary.....	115	6	15	4	26	7	12	15	48	.....
Ireland.....	644	158	591	1,371	244	169	642	273	386	382
Italy.....	244	5	19	.....	7	16	17	19	15	.....
Norway.....	114	56	3,576	988	64	302	681	534	718	31
Russia.....	585	58	90	2	84	149	92	311	502	15
Scotland.....	79	5	101	27	17	13	20	39	34	79
Sweden.....	450	6	136	35	134	205	14	256	1,466	15
Switzerland.....	31	18	172	237	14	30	39	118	22	2
Wales.....	56	.....	123	37	15	3	6	12	10	12
All others of foreign parentage <sup>2</sup> .....	816	1,213	1,214	354	486	547	650	1,115	1,934	223

<sup>1</sup> For changes in boundaries, etc., see page 622.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Trem-pealeau.	Vernon.	Vilas. <sup>1</sup>	Wal-worth.	Wash-burn. <sup>1</sup>	Washing-ton.	Wauke-sha.	Waupaca.	Wau-shara.	Winne-bago.	Wood.
<b>POPULATION</b>											
Total population, 1910.....	22,928	28,116	6,019	29,614	8,196	23,784	37,100	32,782	18,886	62,116	30,563
1900.....	23,114	28,351	4,929	29,259	5,521	23,589	35,229	31,615	15,972	58,225	25,865
1890.....	18,920	25,111	.....	27,800	2,926	22,751	33,270	26,794	13,507	50,097	18,127
1880.....	17,189	23,235	.....	26,249	.....	23,442	28,957	20,955	12,687	42,740	8,981
1870.....	10,732	18,645	.....	25,972	.....	23,919	28,274	15,539	11,279	37,279	3,912
Increase, 1900-1910.....	-186	-235	1,090	355	2,675	195	1,871	1,167	2,914	3,891	4,718
Per cent of increase.....	-0.8	-0.8	22.1	1.2	48.5	0.8	5.3	3.7	18.2	6.7	18.2
Increase, 1890-1900.....	4,194	3,240	24,268	1,399	2,595	838	1,959	4,821	2,465	8,128	7,738
Per cent of increase.....	22.2	12.9	.....	5.0	88.7	3.7	5.9	18.0	18.2	16.2	42.7
Land area (square miles).....	748	821	833	500	835	431	549	759	646	459	309
Population per square mile, 1910.....	30.7	34.2	7.2	52.9	9.8	55.2	67.6	43.2	29.2	135.3	37.8
Rural population per square mile, 1910.....	30.7	34.2	7.2	41.6	9.8	48.3	46.1	36.1	29.2	37.6	22.6
<b>URBAN AND RURAL TERRITORY.</b>											
Urban, 1910—Places of 2,500 or more in 1910.....	.....	.....	.....	6,308	.....	2,982	11,794	5,352	350	44,877	12,304
Same places in 1900.....	.....	.....	.....	5,990	.....	1,632	10,299	5,114	341	39,827	9,733
Per cent of increase, 1900-1910.....	.....	.....	.....	5.2	.....	82.7	14.5	4.7	22.0	12.7	26.4
Rural, 1910—Remainder of county in 1910.....	22,928	28,116	6,019	23,311	8,196	20,802	25,306	27,430	18,536	17,239	18,279
Same territory in 1900.....	23,114	28,351	4,929	23,269	5,521	21,957	24,930	26,501	15,931	18,398	16,132
Per cent of increase, 1900-1910.....	-0.8	-0.8	22.1	0.2	48.5	-5.3	1.5	3.5	18.2	-6.3	13.3
Urban, 1900—Places of 2,500 or more in 1900.....	.....	.....	.....	5,990	.....	.....	10,299	5,114	41	39,827	9,733
Rural, 1900—Remainder of county in 1900.....	23,114	28,351	4,929	23,269	5,521	23,689	24,930	26,501	15,931	18,398	16,132
Per cent in places of 2,500 or more, 1910.....	.....	.....	.....	21.3	.....	12.5	31.8	16.3	0.3	72.2	40.2
Per cent in places of 2,500 or more, 1900.....	.....	.....	.....	20.5	.....	.....	29.2	16.2	0.3	68.4	37.6
<b>COLOR AND NATIVITY</b>											
White.....	22,016	27,972	5,441	29,547	8,041	23,777	37,020	32,702	18,875	61,981	30,465
Number in 1900.....	23,113	28,232	4,687	29,181	5,430	23,589	35,141	31,602	15,964	58,123	25,849
Number in 1890.....	18,908	25,028	.....	27,804	2,895	22,751	33,188	26,775	13,494	49,959	18,123
Negro.....	2	116	10	64	3	6	74	18	11	110	6
Number in 1900.....	1	95	8	74	1	.....	83	9	8	58	5
Number in 1890.....	.....	83	.....	60	.....	.....	79	17	11	84	2
Black.....	2	41	9	47	2	6	50	6	7	50	4
Mulatto.....	.....	75	1	17	1	.....	24	12	4	60	2
Ind., Chi., Jap., and all other (see Tables 1 and 16).....	10	28	568	3	152	1	6	2	.....	25	112
Native white—Native parentage.....	6,243	13,771	1,694	14,900	3,594	9,862	13,939	11,314	8,611	20,136	9,771
Number in 1900.....	4,896	13,146	1,496	14,142	2,969	7,097	11,187	9,860	7,025	17,008	6,720
Native white—Foreign or mixed parentage.....	11,665	10,152	2,106	10,103	3,031	10,549	16,068	15,020	6,790	28,695	14,478
Number in 1900.....	12,611	10,190	1,796	9,890	2,083	11,865	16,049	14,410	6,156	26,641	12,505
Native white—Foreign parentage.....	8,200	6,584	1,383	6,557	1,934	7,292	10,991	9,696	4,489	20,173	10,692
Native white—Mixed parentage.....	3,465	3,568	723	3,606	1,097	3,267	5,067	5,324	2,301	8,522	4,386
Foreign-born white.....	5,008	4,049	1,041	4,484	1,416	3,866	7,023	6,423	3,474	13,150	6,216
Number in 1900.....	6,206	4,896	1,375	5,149	1,323	4,627	7,905	7,333	2,733	14,474	6,624
<b>PER CENT OF TOTAL POPULATION.</b>											
Native white—Native parentage.....	27.2	49.0	28.1	50.3	43.9	41.5	37.6	34.5	45.6	32.4	31.9
Per cent in 1900.....	19.0	46.4	30.4	48.8	37.5	50.1	31.8	31.2	44.0	29.2	26.0
Native white—Foreign or mixed parentage.....	50.9	36.1	35.0	34.3	37.0	44.4	43.3	45.8	36.0	46.2	47.3
Per cent in 1900.....	54.1	55.9	36.4	33.8	36.9	50.3	45.6	45.6	38.5	45.8	48.3
Foreign-born white.....	21.8	14.4	27.3	15.1	17.3	14.2	18.9	19.6	18.4	21.2	20.3
Per cent in 1900.....	26.8	17.5	27.9	17.6	24.0	19.6	22.4	23.2	17.4	24.9	25.6
<b>FOREIGN NATIONALITIES</b>											
<b>FOREIGN-BORN WHITE: Born in—</b>											
Austria.....	50	391	96	55	75	169	191	54	40	925	534
Belgium.....	.....	1	1	6	.....	1	4	7	.....	24	8
Canada—French.....	6	2	146	22	62	5	18	57	8	66	177
Canada—Other.....	63	52	160	170	136	31	183	186	62	514	168
Denmark.....	22	21	18	148	69	23	330	880	286	947	225
England.....	79	64	27	492	40	18	604	135	172	436	92
Finland.....	.....	1	208	6	10	4	1	2	160	14	50
France.....	3	7	3	8	1	15	14	34	3	17	12
Germany.....	1,179	610	278	2,034	304	2,819	3,971	3,163	1,370	8,002	3,611
Greece.....	1	2	10	.....	.....	5	65	.....	.....	128	1
Holland.....	44	1	3	56	3	9	43	10	7	32	133
Hungary.....	.....	3	14	8	19	42	5	21	46	29	29
Ireland.....	77	73	24	491	35	65	268	213	68	359	93
Italy.....	.....	70	20	38	59	5	369	5	344	20	5
Norway.....	3,199	2,627	245	315	248	30	198	1,178	193	336	345
Russia.....	28	20	176	107	13	32	95	207	59	611	255
Scotland.....	50	28	4	136	7	3	107	52	246	83	23
Sweden.....	155	39	195	320	312	13	73	131	189	155	267
Switzerland.....	36	32	8	38	9	86	104	58	14	243	161
Wales.....	3	2	1	8	13	2	204	15	216	137	9
Other foreign countries.....	13	8	23	10	3	12	79	36	7	55	18
<b>NATIVE WHITE: Both parents born in—</b>											
Austria.....	56	624	25	31	98	116	108	58	61	1,024	714
Canada—French.....	5	6	97	15	59	1	16	72	16	79	272
Canada—Other.....	28	12	72	61	121	7	67	63	57	238	101
Denmark.....	19	29	16	110	72	31	306	1,051	374	901	263
England.....	80	107	21	619	32	33	755	140	130	620	114
France.....	6	10	5	12	2	17	24	31	5	44	26
Germany.....	2,513	1,198	423	3,164	553	6,320	6,801	5,339	2,776	13,374	6,239
Holland.....	31	2	4	43	2	5	45	20	6	57	167
Hungary.....	.....	4	2	1	6	4	6	.....	8	31	19
Ireland.....	180	213	70	1,187	70	406	906	475	147	1,054	272
Italy.....	.....	1	24	58	3	3	69	6	44	3	.....
Norway.....	4,596	3,907	168	343	278	33	321	1,482	283	452	432
Russia.....	14	7	30	42	6	17	64	89	29	290	170
Scotland.....	137	23	8	111	9	9	156	33	60	102	33
Sweden.....	105	13	89	197	292	7	55	97	41	82	288
Switzerland.....	55	39	7	17	2	50	80	55	9	255	157
Wales.....	8	7	.....	22	4	4	405	21	191	241	16
All others of foreign parentage.....	367	263	355	553	270	229	797	664	252	1,296	809

<sup>1</sup> For changes in boundaries, etc., see page 622.

<sup>2</sup> See Note 2 on page 622.

<sup>3</sup> Population of part of Berlin city; total population of city in Green Lake and Waushara Counties, 4,636 in 1910 and 4,489 in 1900.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Milwaukee.	Monroe.	Oconto. <sup>1</sup>	Oneida. <sup>1</sup>	Outagamie.	Ozaukee.	Pepin.	Pierce.	Polk.	Portage.
<b>POPULATION</b>										
Total population, 1910.....	433,187	28,881	25,657	11,433	49,102	17,133	7,577	22,079	21,367	30,945
1900.....	330,017	28,103	20,374	8,875	46,247	16,363	7,905	23,943	17,801	20,483
1890.....	236,101	23,211	15,009	5,010	38,690	14,943	6,932	20,385	12,968	24,798
1880.....	138,537	21,607	9,848	.....	28,716	15,461	6,226	17,744	10,018	17,731
1870.....	89,930	16,550	8,321	.....	18,430	15,564	4,659	9,958	3,422	10,634
Increase, 1900-1910.....	103,170	778	4,783	2,558	2,855	760	-328	-1,804	3,566	1,462
Per cent of increase.....	31.3	2.8	23.9	28.8	6.2	4.6	-4.1	-7.8	20.0	5.0
Increase, 1890-1900.....	93,916	4,892	3,805	5,633	2,548	1,420	973	3,558	4,833	4,685
Per cent of increase.....	39.8	21.1	27.5	77.1	16.0	9.5	14.0	17.5	37.3	18.9
Land area (square miles).....	235	937	1,118	901	646	233	236	563	935	812
Population per square mile, 1910.....	1,843.3	30.8	22.9	12.7	76.0	73.5	32.1	39.2	22.9	38.1
Rural population per square mile, 1910.....	168.3	22.9	17.9	6.4	41.5	57.2	32.1	39.2	22.9	27.4
<b>URBAN AND RURAL TERRITORY.</b>										
Urban, 1910—Places of 2,500 or more in 1910.....	393,631	7,392	5,629	5,637	22,310	3,792	.....	.....	.....	8,602
Same places in 1900.....	292,915	6,395	5,646	4,998	20,740	3,010	.....	.....	.....	9,524
Per cent of increase, 1900-1910.....	34.4	15.6	-0.3	12.8	7.6	26.0	.....	.....	.....	-8.7
Rural, 1910—Remainder of county in 1910.....	39,556	21,489	20,028	5,796	26,792	13,331	7,577	22,079	21,367	22,253
Same territory in 1900.....	37,102	21,708	15,228	3,877	25,507	13,353	7,905	23,943	17,801	19,959
Per cent of increase, 1900-1910.....	6.6	-1.0	31.5	49.5	5.0	-0.2	-4.1	-7.8	20.0	11.5
Urban, 1900—Places of 2,500 or more in 1900.....	292,915	6,395	5,646	4,998	20,740	3,010	.....	.....	.....	9,524
Rural, 1910—Remainder of county in 1910.....	38,449	21,708	15,228	3,877	25,507	13,353	7,905	23,943	17,801	19,959
Same in places of 2,500 or more, 1910.....	90.9	25.6	21.9	49.3	45.4	22.1	.....	.....	.....	28.1
Per cent in places of 2,500 or more, 1900.....	88.3	22.8	27.0	56.3	44.8	18.4	.....	.....	.....	32.3
<b>COLOR AND NATIVITY</b>										
White.....	432,120	28,473	25,435	11,348	47,933	17,116	7,576	22,062	21,247	30,937
Number in 1900.....	329,095	27,781	20,609	8,801	45,213	16,363	7,905	23,933	17,684	20,476
Number in 1890.....	235,621	25,139	14,947	4,952	37,719	14,938	6,932	20,384	12,842	24,787
Negro.....	966	36	2	3	28	7	1	15	5	5
Number in 1900.....	895	45	9	1	50	.....	.....	9	4	2
Number in 1890.....	458	45	12	26	.....	6	.....	19	7	8
Black.....	619	14	2	2	13	5	1	10	4	4
Mulatto.....	377	22	.....	1	15	2	.....	5	1	1
Ind., Chi., Jap., and all other (see Tables 1 and 16).....	71	372	220	82	1,141	.....	.....	2	115	3
Native white—Native parentage.....	93,793	12,880	6,641	3,590	17,391	6,541	3,248	8,650	5,030	9,421
Number in 1900.....	58,476	11,485	4,171	2,439	12,582	4,371	2,978	8,168	3,700	7,929
Native white—Foreign or mixed parentage.....	209,097	11,133	12,919	5,913	22,260	7,531	3,061	9,365	10,565	15,577
Number in 1900.....	188,019	11,136	10,649	3,698	22,588	5,251	3,251	10,460	8,327	14,241
Native white—Foreign parentage.....	154,374	7,005	8,766	3,294	14,316	5,283	1,970	6,159	7,764	10,534
Native white—Mixed parentage.....	54,723	4,128	4,153	1,619	7,944	2,248	1,091	3,206	2,801	5,043
Foreign-born white.....	129,230	4,400	5,875	2,845	8,282	3,044	1,267	4,047	5,652	5,939
Number in 1900.....	102,600	4,160	6,789	2,664	10,043	3,666	1,081	5,916	5,657	7,306
<b>PER CENT OF TOTAL POPULATION.</b>										
Native white—Native parentage.....	21.7	44.6	25.9	31.4	35.4	38.2	42.9	39.2	23.5	30.6
Per cent in 1900.....	17.7	40.9	20.0	27.5	27.2	26.7	37.6	54.1	20.8	26.9
Native white—Foreign or mixed parentage.....	48.3	38.5	50.4	43.0	45.3	44.0	40.4	42.4	49.4	50.3
Per cent in 1900.....	50.9	59.6	51.0	41.7	48.8	50.9	41.1	43.6	46.8	48.3
Foreign-born white.....	29.8	15.4	22.9	24.9	16.9	17.8	16.7	18.3	26.5	19.2
Per cent in 1900.....	31.1	18.4	27.7	30.0	21.7	22.4	21.8	22.2	31.8	24.8
<b>FOREIGN NATIONALITIES</b>										
<b>FOREIGN-BORN WHITE: Born in—</b>										
Austria.....	14,038	160	610	159	229	295	288	220	43	287
Belgium.....	104	4	178	25	119	24	7	.....	.....	14
Canada—French.....	263	10	472	183	96	4	36	81	118	38
Canada—Other.....	1,976	112	448	346	332	17	46	174	175	168
Denmark.....	742	202	365	57	158	5	3	188	1,064	123
England.....	2,507	140	59	161	8	19	79	4	8	110
Finland.....	151	.....	8	42	2	.....	.....	.....	.....	.....
France.....	300	10	42	6	30	8	2	12	10	11
Germany.....	74,728	2,498	2,236	774	5,484	2,228	238	802	559	3,902
Greece.....	1,189	16	2	4	2	.....	1	.....	.....	1
Holland.....	756	35	58	4	960	15	1	6	11	17
Hungary.....	7,065	10	14	8	31	20	.....	4	62	12
Ireland.....	2,413	294	105	59	276	37	19	149	43	86
Italy.....	3,528	36	2	4	7	69	.....	.....	4	5
Norway.....	2,523	636	208	342	58	10	53	1,226	1,317	722
Russia.....	12,932	54	726	260	113	269	6	12	23	233
Scotland.....	782	12	17	17	39	2	5	15	13	22
Sweden.....	954	88	282	362	85	16	511	1,032	2,110	143
Switzerland.....	1,022	52	22	22	59	12	9	81	22	13
Wales.....	264	62	5	6	.....	.....	.....	3	4	11
Other foreign countries.....	1,013	9	23	12	35	4	23	9	8	21
<b>NATIVE WHITE: Both parents born in—</b>										
Austria.....	5,655	103	879	130	205	69	447	281	32	307
Canada—French.....	310	17	744	166	165	1	68	18	205	47
Canada—Other.....	609	41	394	236	177	1	32	110	107	100
Denmark.....	588	305	466	42	185	3	5	187	1,253	168
England.....	2,083	189	43	31	158	15	19	94	44	117
France.....	296	8	29	15	45	9	3	16	15	13
Germany.....	115,573	4,139	3,562	1,175	9,879	4,732	443	1,406	1,028	7,482
Holland.....	979	10	59	10	1,170	26	1	14	5	49
Hungary.....	1,218	5	21	2	2	1	.....	.....	.....	8
Ireland.....	6,700	566	246	179	819	151	60	415	125	296
Italy.....	1,325	2	.....	1	.....	.....	.....	3	10	5
Norway.....	2,213	867	216	272	81	15	75	1,584	1,663	937
Russia.....	5,181	23	532	151	92	8	4	5	6	192
Scotland.....	600	47	19	15	74	3	19	34	17	81
Sweden.....	616	33	255	205	86	24	595	1,161	2,303	129
Switzerland.....	676	50	29	27	45	10	14	100	18	27
Wales.....	376	106	4	4	20	3	5	2	5	15
All others of foreign parentage.....	9,376	494	1,278	573	1,143	128	181	636	911	521

<sup>1</sup> For changes in boundaries, etc., see page 622.

<sup>2</sup> See Note 2 on page 622.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT,	Milwaukee.	Monroe.	Oconto. <sup>1</sup>	Oneida. <sup>1</sup>	Outagamie.	Ozaukee.	Pepin.	Pierce.	Polk.	Portage.
<b>SEX</b>										
Total.. Male.....	222,646	14,878	13,450	6,295	24,735	9,079	3,944	11,372	11,264	15,803
Female.....	210,641	14,003	12,207	5,138	24,387	8,044	3,633	10,707	10,103	15,142
White.. Male.....	222,087	14,663	13,340	6,252	24,138	9,075	3,943	11,850	11,206	15,797
Female.....	210,033	13,810	12,095	5,096	23,795	8,041	3,633	10,703	10,041	15,140
Negro.. Male.....	494	18	1	3	9	4	1	11	3	3
Female.....	502	18	1	1	19	3	1	4	2	2
<b>MALES OF VOTING AGE</b>										
Total number.....	132,947	8,210	6,656	3,573	13,080	5,091	2,107	6,347	5,874	7,788
Number in 1900.....	88,968	7,581	5,311	3,089	11,731	4,418	2,105	6,098	4,821	7,192
Native white—Native parentage.....	18,804	2,700	958	842	2,565	708	690	1,708	948	1,669
Number in 1900.....	10,078	2,612	774	705	1,847	664	664	1,325	873	1,084
Native white—Foreign or mixed parentage.....	47,471	3,090	2,642	1,071	6,010	2,635	749	2,468	1,925	3,062
Number in 1900.....	30,759	2,380	1,592	800	4,664	2,288	604	2,063	997	1,974
Native white—Foreign parentage.....	38,088	2,328	2,084	803	4,806	2,180	579	1,882	1,629	2,516
Native white—Mixed parentage.....	9,383	771	558	268	1,204	455	170	586	296	546
Foreign-born white.....	66,110	2,373	2,993	1,630	4,170	1,748	667	2,160	2,975	3,053
Number in 1900.....	47,725	2,609	2,866	1,562	4,941	1,886	847	2,801	2,920	3,628
Negro.....	410	8	1	3	6	1	1	9	3	1
Number in 1900.....	379	7	1	1	7	1	1	8	2	2
Indian, Chinese, and Japanese.....	62	30	62	27	329	.....	.....	2	23	3
<b>PER CENT OF TOTAL.</b>										
Native white—Native parentage.....	14.2	32.9	14.4	23.6	19.6	13.9	32.7	26.9	16.1	21.4
Native white—Foreign or mixed parentage.....	35.7	37.7	39.7	30.0	45.9	51.8	35.5	38.9	32.8	39.3
Foreign-born white.....	49.7	28.9	45.0	45.6	31.9	34.3	31.7	34.0	50.6	39.2
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>										
Naturalized.....	30,111	1,204	1,910	841	3,130	947	358	1,067	1,744	1,856
Having first papers.....	11,765	569	463	387	416	238	89	615	617	654
Alien.....	17,080	183	334	241	232	340	51	118	156	172
Unknown.....	7,174	417	286	161	392	223	169	460	458	371
<b>ILLITERACY</b>										
<b>ILLITERATE MALES OF VOTING AGE.</b>										
Total number illiterate.....	5,998	197	692	205	480	201	48	197	179	671
Per cent illiterate.....	4.5	2.4	10.4	5.7	3.7	3.9	2.3	3.1	3.0	8.6
Per cent in 1900.....	4.1	4.5	10.9	6.0	6.4	4.6	6.3	5.5	6.9	13.9
Native white, number illiterate.....	280	89	180	26	119	37	20	34	19	215
Per cent illiterate.....	0.4	1.5	5.0	1.4	1.4	1.1	1.4	0.8	0.7	4.5
Foreign-born white, number illiterate.....	5,695	101	486	162	209	164	28	161	144	456
Per cent illiterate.....	8.6	4.3	16.2	9.9	5.0	9.4	4.2	7.5	4.8	14.9
Negro, number illiterate.....	13	.....	1	2	1	.....	.....	2	1	.....
Per cent illiterate.....	3.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>										
Total number.....	348,987	22,594	18,735	8,664	37,711	13,497	5,875	17,283	15,951	22,982
Number illiterate.....	12,255	463	1,435	369	1,091	374	109	486	477	1,716
Per cent illiterate.....	3.5	2.0	7.7	4.3	2.9	2.8	1.9	2.8	3.0	7.5
Native white, number.....	222,581	17,861	12,790	5,801	28,733	10,482	4,611	13,260	10,290	17,095
Number illiterate.....	648	174	345	53	228	79	41	63	48	673
Per cent illiterate.....	0.3	1.0	2.7	0.9	0.8	0.8	0.9	0.5	0.5	3.9
Foreign-born white, number.....	125,435	4,424	5,778	2,794	8,158	3,010	1,263	4,008	5,577	5,879
Number illiterate.....	11,506	253	1,026	284	559	235	68	421	390	1,043
Per cent illiterate.....	9.2	5.7	17.8	10.2	6.9	9.8	5.4	10.5	7.0	17.7
Negro, number.....	905	28	2	3	24	5	1	13	5	5
Number illiterate.....	30	.....	1	2	2	.....	.....	2	2	.....
Per cent illiterate.....	3.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>										
Total number.....	95,320	6,834	6,409	2,589	11,634	4,082	1,883	5,155	5,176	8,009
Number illiterate.....	758	30	80	26	48	29	10	10	29	290
Per cent illiterate.....	0.8	0.4	1.2	1.0	0.4	0.7	0.5	0.2	0.6	3.6
<b>SCHOOL AGE AND ATTENDANCE</b>										
Total number 6 to 20 years, inclusive.....	126,977	9,381	9,113	3,657	18,123	5,610	2,578	7,146	7,368	11,093
Number attending school.....	74,067	6,074	6,408	2,474	10,925	3,799	1,843	4,921	5,016	7,258
Per cent attending school.....	58.3	71.1	70.3	67.7	67.8	67.7	71.5	68.9	68.1	65.4
Number 6 to 9 years.....	31,648	2,547	2,704	1,068	4,489	1,528	695	1,991	2,192	3,084
Number attending school.....	25,875	2,181	2,516	931	4,072	1,377	608	1,551	1,622	2,538
Number 10 to 14 years.....	41,340	3,229	3,161	1,241	5,417	1,896	911	2,473	2,558	3,856
Number attending school.....	37,705	3,081	3,035	1,161	5,152	1,796	868	2,354	2,436	3,524
Number 15 to 17 years.....	25,903	1,892	1,704	668	3,277	1,163	528	1,450	1,421	2,170
Number attending school.....	8,077	1,110	852	300	1,367	474	290	801	787	947
Number 18 to 20 years.....	28,086	1,713	1,484	680	2,940	1,023	444	1,232	1,197	1,983
Number attending school.....	2,410	302	205	82	334	152	77	215	171	249
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>										
Total number.....	72,988	5,776	5,865	2,309	9,906	3,424	1,606	4,404	4,750	6,940
Number attending school.....	63,580	5,262	5,351	2,062	9,224	3,173	1,476	3,905	4,058	6,062
Per cent attending school.....	87.1	91.1	91.2	90.6	93.1	92.7	91.9	87.5	85.4	87.3
Native white—Native parentage, number.....	22,783	3,347	1,988	868	5,218	2,351	855	2,294	1,347	2,537
Number attending school.....	20,548	3,015	1,828	792	4,918	2,189	795	1,982	1,153	2,283
Per cent attending school.....	90.2	90.1	92.0	91.2	94.3	93.1	93.0	86.4	85.6	90.0
Native white—Foreign or mixed parentage, number.....	44,861	2,182	3,618	1,338	4,292	1,029	741	2,109	3,266	4,312
Number attending school.....	38,671	2,013	3,304	1,214	4,007	949	677	1,872	2,804	3,701
Per cent attending school.....	86.2	92.3	91.3	90.7	93.4	92.2	91.4	88.8	85.9	85.8
Foreign-born white, number.....	5,268	65	234	87	170	41	10	60	116	90
Number attending school.....	4,300	61	209	77	150	32	4	50	92	77
Per cent attending school.....	81.6	.....	89.3	.....	88.2	.....	.....	.....	79.3	.....
Negro, number.....	74	10	1	1	3	3	.....	1	.....	1
Number attending school.....	60	8	.....	.....	3	3	.....	1	.....	1
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>										
Dwellings, number.....	70,904	6,234	4,853	2,314	10,146	3,438	1,571	4,969	4,522	5,993
Families, number.....	91,470	6,353	4,976	2,420	10,469	3,618	1,590	5,058	4,626	6,115

<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 I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Price. <sup>1</sup>	Racine.	Richland.	Rock.	Rusk. <sup>2</sup>	St. Croix.	Sauk.	Sawyer. <sup>1</sup>	Shawano. <sup>1</sup>	Sheboygan.	Taylor. <sup>1</sup>
<b>POPULATION</b>											
Total population, 1910	13,795	57,494	18,899	55,538	11,160	25,910	32,869	6,227	31,864	54,888	13,641
1900	9,106	46,644	19,483	51,203	(2)	20,830	33,008	3,593	27,475	50,345	11,262
1890	5,258	36,268	19,121	45,220		23,139	30,575	1,977	19,236	42,489	6,731
1880	785	30,922	18,174	38,823		18,556	28,729		10,371	34,206	2,311
1870		26,740	15,781	39,030		11,035	23,860		3,106	31,749	
Increase, 1900-1910	4,689	11,780	-674	4,335	11,160	-920	-137	2,634	4,409	4,543	2,379
Per cent of increase	51.5	25.8	-3.5	8.5	(2)	-3.4	-0.4	73.3	16.0	9.0	21.1
Increase, 1890-1900	3,848	9,376	362	7,983		3,691	2,431	3,743	3,608	7,856	4,631
Per cent of increase	73.2	25.9	1.9	18.5		16.0	8.0	37.6	34.4	18.5	67.3
Land area (square miles)	1,279	324	590	716	925	735	842	1,320	1,158	521	991
Population per square mile, 1910	10.8	177.2	31.9	77.0	12.1	35.3	39.0	4.7	27.5	105.4	13.8
Rural population per square mile, 1910	10.8	50.0	27.4	33.5	12.1	31.4	28.4	4.7	25.0	48.7	13.8
<b>URBAN AND RURAL TERRITORY.</b>											
Urban, 1910—Places of 2,500 or more in 1910		41,214	2,652	31,532	(2)	2,610	8,939		2,923	29,492	
Same places in 1900		31,628	2,321	25,813	(2)	5,259	7,976		1,863	25,219	
Per cent of increase, 1900-1910		30.3	14.3	22.2	(2)	-13.8	12.1		56.9	16.9	
Rural, 1910—Remainder of county in 1910	13,795	16,210	16,157	24,006	11,160	23,100	23,930	6,227	28,961	25,396	13,641
Same territory in 1900	9,106	14,016	17,162	25,390	24,381	23,571	25,030	3,593	25,612	25,126	11,262
Per cent of increase, 1900-1910	51.5	15.7	-5.9	-5.5	154.7	-2.0	-4.4	73.3	13.1	1.1	21.1
Urban, 1900—Places of 2,500 or more in 1900		31,628		23,621	(2)	3,259				22,962	
Rural, 1900—Remainder of county in 1900	9,106	14,016	19,483	27,582	(2)	23,571	27,255	3,593	27,475	27,383	11,262
Per cent in places of 2,500 or more, 1910		71.3	14.1	56.8	(2)	10.8	27.2		9.2	53.7	
Per cent in places of 2,500 or more, 1900		69.3		46.1	(2)	12.1	17.4			46.6	
<b>COLOR AND NATIVITY</b>											
White	13,788	57,302	18,796	55,375	11,102	25,903	32,833	5,001	30,110	54,868	13,617
Number in 1900	9,101	46,644	19,455	51,033		26,327	32,972	3,668	25,682	50,336	11,227
Number in 1890	5,258	36,157	19,103	45,030		23,136	30,542	1,970	18,242	42,431	6,694
Negro	6	115	13	157	2	3	30		31	19	24
Number in 1900	5	90	14	101		3	32		22		34
Number in 1890	2	111	18	135		4	33		4		37
Black	2	94	11	98	2	3	19		9	15	7
Mulatto	4	21	2	59			11		22	4	17
Ind., Chi., Jap., and all other (see Tables 1 and 16)	1	7		6	56	4	6	1,225	1,743	1	
Native white—Native parentage	3,179	14,817	14,062	27,283	4,971	7,670	14,562	1,619	7,954	15,482	2,889
Number in 1900	1,837	10,434	13,065	24,225		6,908	15,037	766	4,743	12,104	1,902
Native white—Foreign or mixed parentage	6,305	25,236	3,635	16,237	4,061	12,458	13,219	2,100	15,316	25,247	6,096
Number in 1900	3,889	21,670	4,063	17,751		12,807	15,628	1,099	15,742	24,284	5,667
Native white—Foreign parentage	5,015	18,643	2,087	13,020	2,504	8,753	8,738	1,412	10,773	17,609	4,795
Native white—Mixed parentage	1,290	6,643	1,628	6,258	1,497	3,740	4,436	683	5,138	7,638	1,901
Foreign-born white	4,304	17,199	1,039	8,805	2,070	5,735	5,652	1,282	6,340	13,139	4,032
Number in 1900	3,325	13,490	1,431	9,117		7,112	6,507		7,196	13,243	4,053
<b>PER CENT OF TOTAL POPULATION.</b>											
Native white—Native parentage	23.0	25.8	74.8	49.1	44.5	29.6	44.3	25.0	24.9	30.0	21.2
Per cent in 1900	20.7	23.0	71.7	47.3		25.7	39.5	21.3	17.3	24.0	16.9
Native white—Foreign or mixed parentage	45.7	44.0	19.6	34.7	36.4	48.2	40.2	33.7	49.0	45.0	49.1
Per cent in 1900	42.7	47.3	30.8	34.7		47.7	41.3	30.6	50.0	49.0	45.3
Foreign-born white	31.2	30.0	5.5	15.9	18.5	22.1	15.4	20.6	19.9	23.9	29.6
Per cent in 1900	33.5	20.6	7.3	17.8		26.5	19.1	22.3	26.2	20.3	36.0
<b>FOREIGN NATIONALITIES</b>											
<b>FOREIGN-BORN WHITE: Born in—</b>											
Austria	754	1,514	138	133	261	95	74	100	457	1,105	728
Belgium	3	20		27	7	39	11	1	12	14	4
Canada—French	93	26	2	43	175	193	26	66	35	14	76
Canada—Other	202	221	60	342	204	384	126	146	158	82	121
Denmark	68	4,171	21	276	71	309	61	13	150	28	61
England	37	559	74	771	39	92	305	17	30	115	35
Finland	459	23		1	2		2	17	4		27
France	9	34	11	38	4	20	42		19	15	17
Germany	1,081	4,595	369	3,043	535	1,073	3,647	140	4,433	7,632	2,010
Greece		161		137			27			343	1
Holland	50	280	5	10	48	235	21	3	20	1,445	7
Hungary	62	815	1	28	22	7	2	1	5	76	21
Ireland	18	357	110	874	17	431	226	29	32	168	13
Italy	6	580	1	311		61	31		36	50	14
Norway	240	1,038	175	1,813	354	1,978	117	493	604	124	156
Russia	59	1,609	2	184	107	46	46	57	146	1,034	375
Scotland	18	196	13	224	4	35	8	8	8	22	8
Sweden	1,069	424	18	300	189	657	64	182	156	31	203
Switzerland	43	59	7	149	27	42	154	2	32	133	127
Wales	5	275	12	34	1	3	30	2	5	5	3
Other foreign countries	28	242	4	62	3	15	15	5	26	49	11
<b>NATIVE WHITE: Both parents born in—</b>											
Austria	607	1,158	256	86	210	106	43	96	699	336	631
Canada—French	125	38	5	26	174	404	27	59	54	32	73
Canada—Other	112	70	22	116	153	244	61	105	133	42	71
Denmark	52	3,574	8	238	79	335	45	19	142	32	52
England	38	742	110	824	51	113	335	8	36	135	37
France	2	40	15	61	5	10	49		11	13	9
Germany	1,568	7,510	779	5,007	775	1,940	6,087	227	7,854	12,992	2,552
Holland	35	167	15	12	67	350	25	2	28	1,819	14
Hungary	39	105	3	8	19	9			2	26	23
Ireland	91	893	371	2,488	70	1,019	852	69	84	539	49
Italy	5	207	1	25		5	1		3	2	1
Norway	247	970	283	2,317	338	2,663	145	455	761	126	224
Russia	67	581		59	77	72	24	19	102	689	146
Scotland	15	199	26	329	4	44	57	8	6	14	9
Sweden	1,077	257	8	266	170	712	53	150	98	22	193
Switzerland	43	47	3	62	34	44	202	3	27	74	131
Wales	8	349	22	60	7	3	59	3	5	10	2
All others of foreign parentage	884	1,736	135	1,018	331	634	608	189	633	656	668

<sup>1</sup> For changes in boundaries, etc., see page 622.

<sup>2</sup> For combined figures for Chippewa and Rusk Counties, see Note 1 on page 622.

<sup>3</sup> See Note 2 on page 622.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Price. <sup>1</sup>	Racine.	Richland.	Rock.	Rusk. <sup>1</sup>	St. Croix.	Sauk.	Sawyer. <sup>1</sup>	Shawano. <sup>1</sup>	Sheboygan.	Taylor. <sup>1</sup>
<b>SEX</b>											
Total.. Male.....	7,597	30,271	9,710	28,037	6,062	13,387	18,995	3,508	16,823	28,246	7,374
Female.....	6,198	27,153	9,099	27,501	5,098	12,522	15,874	2,719	15,061	26,642	6,267
White... Male.....	7,594	30,211	9,705	27,955	6,034	13,381	18,997	2,886	16,901	28,237	7,362
Female.....	6,194	27,091	9,091	27,420	5,068	12,522	15,866	2,115	14,209	26,631	6,255
Negro... Male.....	2	55	5	76	2	2	25	1	17	8	12
Female.....	4	60	8	81	2	1	5	1	14	11	12
<b>MALES OF VOTING AGE</b>											
Total number.....	4,043	18,541	5,329	17,327	3,144	7,316	10,069	1,865	8,416	15,955	3,721
Number in 1900.....	2,698	13,166	5,365	15,709	2,144	7,285	9,187	1,111	6,919	13,467	3,178
Native white—Native parentage.....	308	3,236	3,485	7,297	1,217	1,461	3,281	418	1,127	2,185	552
Number in 1900.....	488	1,975	3,404	6,036	1,474	2,899	2,899	228	397	1,270	467
Native white—Foreign or mixed parentage.....	947	6,186	1,289	5,361	791	2,800	4,107	420	3,455	7,079	1,054
Number in 1900.....	478	4,568	1,194	4,487	2,154	3,121	3,121	148	1,028	5,807	670
Native white—Foreign parentage.....	776	5,030	841	4,034	524	2,292	3,156	294	2,846	5,790	867
Native white—Mixed parentage.....	171	1,156	448	1,327	267	517	951	135	609	1,280	187
Foreign-born white.....	2,286	9,071	552	4,605	1,120	3,041	2,063	779	3,995	6,686	2,108
Number in 1900.....	1,755	6,592	755	4,588	3,055	3,157	3,157	484	3,670	6,376	2,030
Negro.....	1	43	3	60	2	2	17	1	9	4	7
Number in 1900.....	2	37	6	42	2	2	11	1	11	4	10
Indian, Chinese, and Japanese.....	1	5	.....	4	16	3	1	269	430	.....	.....
<b>PER CENT OF TOTAL.</b>											
Native white—Native parentage.....	20.0	17.5	65.4	42.1	38.7	20.0	32.6	22.1	13.4	13.7	14.8
Native white—Foreign or mixed parentage.....	23.4	33.4	24.2	30.9	25.2	38.4	40.8	22.6	41.1	44.4	28.3
Foreign-born white.....	56.5	48.9	10.4	26.6	35.6	41.6	26.4	41.1	40.3	41.9	56.7
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>											
Naturalized.....	1,406	3,808	333	2,550	550	1,900	1,520	408	2,168	3,521	1,476
Having first papers.....	368	1,729	89	698	282	485	334	138	606	1,001	266
Alien.....	236	2,627	27	677	148	214	173	181	343	1,163	245
Unknown.....	276	907	153	680	140	442	636	102	278	1,001	121
<b>ILLITERACY</b>											
<b>ILLITERATE MALES OF VOTING AGE.</b>											
Total number illiterate.....	120	652	232	404	98	149	281	181	583	474	127
Per cent illiterate.....	3.0	3.5	4.4	2.3	3.1	2.0	2.8	9.6	6.9	3.0	3.4
Per cent in 1900.....	4.2	4.0	3.4	2.7	.....	5.8	3.3	18.3	14.1	4.6	6.7
Native white, number illiterate.....	25	18	164	52	30	41	114	2	132	59	22
Per cent illiterate.....	1.4	0.2	3.4	0.4	1.5	1.0	1.5	0.2	2.9	0.6	1.4
Foreign-born white, number illiterate.....	95	631	68	347	62	107	163	29	284	415	104
Per cent illiterate.....	4.2	7.0	12.3	7.5	5.5	3.5	6.1	3.7	8.4	6.2	4.9
Negro, number illiterate.....	.....	2	.....	5	.....	1	4	.....	1	.....	1
Per cent illiterate.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>											
Total number.....	10,137	46,427	14,503	45,512	8,211	20,469	26,434	4,674	23,516	43,583	9,860
Number illiterate.....	243	1,247	441	824	203	354	645	420	1,292	1,062	302
Per cent illiterate.....	2.4	2.7	3.0	1.8	2.5	1.7	2.4	9.0	5.5	2.4	3.1
Native white, number.....	5,960	29,620	13,458	36,715	6,164	14,783	21,371	2,531	15,041	30,816	5,927
Number illiterate.....	42	61	309	121	68	74	232	13	275	154	49
Per cent illiterate.....	0.7	0.2	2.3	0.3	1.1	0.5	1.1	0.5	1.7	0.5	0.8
Foreign-born white, number.....	4,173	10,695	1,036	8,653	2,000	5,679	5,030	1,250	6,285	12,751	3,915
Number illiterate.....	201	1,181	132	603	119	279	406	47	640	898	252
Per cent illiterate.....	4.8	7.1	12.7	8.0	6.0	4.9	8.1	3.8	10.2	7.0	6.4
Negro, number.....	3	105	9	138	2	3	30	.....	24	15	13
Number illiterate.....	.....	4	.....	10	.....	1	7	.....	1	.....	1
Per cent illiterate.....	.....	3.8	.....	7.2	.....	.....	.....	.....	.....	.....	.....
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>											
Total number.....	3,318	12,050	4,292	11,381	2,727	6,642	7,136	1,553	8,108	12,927	3,292
Number illiterate.....	11	107	19	39	18	16	50	37	99	87	24
Per cent illiterate.....	0.3	0.9	0.4	0.3	0.7	0.2	0.7	2.4	1.2	0.7	0.7
<b>SCHOOL AGE AND ATTENDANCE</b>											
Total number 6 to 20 years, inclusive.....	4,772	18,254	5,909	15,400	3,877	8,939	9,641	2,162	11,490	17,378	4,741
Number attending school.....	3,337	10,048	4,122	10,375	2,670	6,186	6,450	1,446	7,681	11,164	3,179
Per cent attending school.....	69.9	61.8	69.8	67.4	68.9	69.2	66.9	66.9	66.8	64.2	67.1
Number 6 to 9 years.....	1,454	4,204	1,617	4,010	1,150	2,297	2,505	609	3,382	4,451	1,449
Number attending school.....	1,306	3,597	1,309	3,398	945	1,879	2,000	408	2,863	4,235	1,243
Number 10 to 14 years.....	1,659	5,283	2,026	4,824	1,362	3,105	3,312	784	4,008	5,821	1,665
Number attending school.....	1,582	4,940	1,927	4,688	1,282	2,803	3,094	721	3,781	5,412	1,557
Number 15 to 17 years.....	918	3,237	1,195	3,050	735	1,871	1,937	391	2,193	3,630	873
Number attending school.....	387	1,213	711	1,682	361	1,088	1,088	200	889	1,225	286
Number 18 to 20 years.....	741	3,530	1,071	3,401	630	1,666	1,887	378	1,902	3,476	749
Number attending school.....	62	287	176	607	82	326	268	57	148	202	83
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>											
Total number.....	3,113	9,487	3,643	8,943	2,512	5,402	5,817	1,393	7,390	10,272	3,114
Number attending school.....	2,888	8,543	3,236	8,086	2,227	4,772	5,154	1,189	6,644	9,647	2,805
Per cent attending school.....	92.8	90.0	88.8	90.4	88.7	88.3	88.0	85.4	89.9	93.9	90.1
Native white—Native parentage, number.....	759	3,563	3,110	5,201	1,193	2,057	3,448	352	2,409	5,189	779
Number attending school.....	716	3,234	2,742	4,712	1,062	1,833	3,073	305	2,167	4,927	693
Per cent attending school.....	94.3	90.8	88.2	90.6	89.0	89.1	89.1	86.6	90.0	95.0	89.6
Native white—Foreign or mixed parentage, number.....	2,131	5,215	521	3,523	1,198	3,247	2,394	621	4,964	4,528	2,143
Number attending school.....	1,960	4,715	482	3,184	1,068	2,800	2,045	542	3,965	4,223	1,939
Per cent attending school.....	92.4	90.4	92.5	90.4	89.1	88.1	88.0	87.3	90.9	93.3	90.5
Foreign-born white, number.....	223	696	11	202	112	98	42	47	95	553	189
Number attending school.....	203	582	11	174	91	79	33	30	82	495	165
Per cent attending school.....	91.0	83.6	.....	86.1	81.3	.....	.....	.....	85.5	89.5	87.8
Negro, number.....	.....	13	1	17	.....	.....	.....	.....	4	2	3
Number attending school.....	.....	12	1	16	.....	.....	.....	.....	4	2	2
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>											
Dwellings, number.....	2,723	11,278	4,260	12,641	2,253	5,209	7,510	1,191	6,130	10,708	2,726
Families, number.....	2,779	12,598	4,323	13,233	2,292	5,282	7,668	1,240	6,263	12,066	2,782

<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 I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Trem-pealeau.	Vernon.	Vilas. <sup>1</sup>	Wal-worth.	Wash-burn. <sup>1</sup>	Washing-ton.	Wauke-sha.	Waupaca.	Wau-shara.	Winne-bago.	Wood.
<b>POPULATION</b>											
Total population, 1910.....	22,928	28,116	6,019	29,614	8,196	23,784	37,100	32,732	18,866	62,116	30,563
1900.....	23,114	28,351	4,929	29,259	5,521	23,589	35,229	31,615	15,972	58,225	25,865
1890.....	18,920	25,111	.....	27,800	2,926	22,751	33,270	26,794	13,507	50,097	18,127
1880.....	17,189	23,235	.....	26,249	.....	23,442	28,957	20,955	12,687	42,740	8,981
1870.....	10,732	18,645	.....	25,972	.....	23,919	28,274	15,539	11,279	37,279	3,912
Increase, 1900-1910.....	-186	-235	1,090	355	2,675	195	1,871	1,167	2,914	3,891	4,718
Per cent of increase.....	-0.8	-0.8	22.1	1.2	48.5	0.8	5.3	3.7	18.2	6.7	18.2
Increase, 1890-1900.....	4,194	3,240	24,268	1,399	2,595	838	1,959	4,821	2,465	8,128	7,738
Per cent of increase.....	22.2	12.9	.....	5.0	88.7	3.7	5.9	18.0	18.2	16.2	42.7
Land area (square miles).....	748	821	833	500	835	431	549	759	646	459	309
Population per square mile, 1910.....	30.7	34.2	7.2	52.9	9.8	55.2	67.6	43.2	26.2	135.3	37.8
Rural population per square mile, 1910.....	30.7	34.2	7.2	41.6	9.8	48.3	46.1	36.1	29.2	37.6	22.6
<b>URBAN AND RURAL TERRITORY.</b>											
Urban, 1910—Places of 2,500 or more in 1910.....	.....	.....	.....	6,303	.....	2,982	11,794	5,352	350	44,877	12,304
Same places in 1900.....	.....	.....	.....	5,990	.....	1,632	10,299	5,114	341	39,827	9,733
Per cent of increase, 1900-1910.....	.....	.....	.....	5.2	.....	82.7	14.5	4.7	22.0	12.7	26.4
Rural, 1910—Remainder of county in 1910.....	22,928	28,116	6,019	23,311	8,196	20,802	25,306	27,480	18,536	17,239	18,279
Same territory in 1900.....	23,114	28,351	4,929	23,269	5,521	21,957	24,930	26,501	15,931	18,398	16,132
Per cent of increase, 1900-1910.....	-0.8	-0.8	22.1	0.2	48.5	-5.3	1.5	3.5	18.2	-6.3	13.3
Urban, 1900—Places of 2,500 or more in 1900.....	.....	.....	.....	5,990	.....	.....	10,299	5,114	41	39,827	9,733
Rural, 1900—Remainder of county in 1900.....	23,114	28,351	4,929	23,269	5,521	23,689	24,930	26,501	15,931	18,398	16,132
Per cent in places of 2,500 or more, 1910.....	.....	.....	.....	21.3	.....	12.5	31.8	16.3	0.3	72.2	40.2
Per cent in places of 2,500 or more, 1900.....	.....	.....	.....	20.5	.....	.....	29.2	16.2	0.3	68.4	37.6
<b>COLOR AND NATIVITY</b>											
White.....	22,016	27,972	5,441	29,547	8,041	23,777	37,020	32,702	18,875	61,981	30,465
Number in 1900.....	23,113	28,232	4,687	29,181	5,450	23,589	35,141	31,602	15,964	58,133	25,849
Number in 1890.....	18,908	25,028	.....	27,804	2,895	22,751	33,188	26,775	13,494	49,959	18,123
Negro.....	2	116	10	64	3	6	74	18	11	110	6
Number in 1900.....	1	95	8	74	1	.....	83	9	8	58	5
Number in 1890.....	.....	83	.....	60	.....	.....	79	17	11	84	2
Black.....	2	41	9	47	2	6	50	6	7	50	4
Mulatto.....	.....	75	1	17	1	.....	24	12	4	60	2
Ind., Chi., Jap., and all other (see Tables 1 and 16).....	10	28	568	3	152	1	6	2	.....	25	112
Native white—Native parentage.....	6,243	13,771	1,694	14,900	3,594	9,862	13,939	11,314	8,611	20,136	9,771
Number in 1900.....	4,896	13,146	1,496	14,142	2,969	7,097	11,187	9,860	7,025	17,008	6,720
Native white—Foreign or mixed parentage.....	11,665	10,152	2,106	10,103	3,081	10,549	16,068	15,020	6,790	28,695	14,478
Number in 1900.....	12,611	10,190	1,796	9,890	2,083	11,865	16,049	14,410	6,156	26,641	12,505
Native white—Foreign parentage.....	8,200	6,584	1,383	6,557	1,934	7,292	10,991	9,696	4,489	20,173	10,692
Native white—Mixed parentage.....	3,465	3,568	723	3,606	1,097	3,267	5,067	5,324	2,301	8,522	4,386
Foreign-born white.....	5,008	4,049	1,041	4,484	1,416	3,866	7,023	6,423	3,474	13,150	6,216
Number in 1900.....	6,268	4,896	1,375	5,149	1,323	4,627	7,905	7,333	2,733	14,474	6,624
<b>PER CENT OF TOTAL POPULATION.</b>											
Native white—Native parentage.....	27.2	49.0	28.1	50.3	43.9	41.5	37.6	34.5	45.6	32.4	31.9
Per cent in 1900.....	19.0	46.4	30.4	48.8	37.5	50.1	31.8	31.2	44.0	29.2	26.0
Native white—Foreign or mixed parentage.....	50.9	36.1	35.0	34.3	37.0	44.4	43.3	45.8	36.0	46.2	47.3
Per cent in 1900.....	54.1	55.9	36.4	33.8	36.9	50.3	45.6	45.6	38.5	45.8	48.3
Foreign-born white.....	21.8	14.4	27.3	15.1	17.3	14.2	18.9	19.6	18.4	21.2	20.3
Per cent in 1900.....	26.8	17.5	27.9	17.6	24.0	19.6	22.4	23.2	17.4	24.9	25.6
<b>FOREIGN NATIONALITIES</b>											
<b>FOREIGN-BORN WHITE: Born in—</b>											
Austria.....	50	391	96	55	75	169	191	54	40	925	534
Belgium.....	.....	1	1	6	.....	1	4	7	.....	24	8
Canada—French.....	6	2	146	22	62	5	18	57	8	66	177
Canada—Other.....	63	52	160	170	136	31	183	186	62	514	168
Denmark.....	22	21	18	148	69	23	330	880	286	947	225
England.....	79	64	27	492	40	18	604	135	172	436	92
Finland.....	.....	1	208	6	10	4	1	2	160	14	50
France.....	3	7	3	8	1	15	14	34	3	17	12
Germany.....	1,179	610	278	2,034	304	2,819	3,971	3,163	1,370	8,002	3,611
Greece.....	1	2	10	.....	.....	5	65	.....	.....	128	1
Holland.....	44	1	3	56	3	9	43	10	7	32	133
Hungary.....	.....	3	14	8	19	42	5	21	46	29	29
Ireland.....	77	73	24	491	35	65	268	213	68	359	93
Italy.....	.....	70	20	38	59	5	369	5	344	20	5
Norway.....	3,199	2,627	245	315	248	30	198	1,178	193	336	345
Russia.....	28	20	176	107	13	32	95	207	59	611	255
Scotland.....	50	28	4	136	7	3	107	52	246	83	23
Sweden.....	155	39	195	320	312	13	73	131	189	155	267
Switzerland.....	36	32	8	38	9	86	104	58	14	243	161
Wales.....	3	2	1	8	13	2	204	15	216	137	9
Other foreign countries.....	13	8	23	10	3	12	79	36	7	55	18
<b>NATIVE WHITE: Both parents born in—</b>											
Austria.....	56	624	25	31	98	116	108	58	61	1,024	714
Canada—French.....	5	6	97	15	59	1	16	72	16	79	272
Canada—Other.....	28	12	72	61	121	7	67	63	57	238	101
Denmark.....	19	29	16	110	72	31	306	1,051	374	901	263
England.....	80	107	21	619	32	33	755	140	130	620	114
France.....	6	10	5	12	2	17	24	31	5	44	26
Germany.....	2,513	1,198	423	3,164	553	6,320	6,801	5,339	2,776	13,374	6,239
Holland.....	31	2	4	43	2	5	45	20	6	57	167
Hungary.....	.....	4	2	1	6	4	6	.....	8	31	19
Ireland.....	180	213	70	1,187	70	406	906	475	147	1,054	272
Italy.....	.....	1	24	58	3	3	69	6	44	3	.....
Norway.....	4,596	3,907	168	343	278	33	321	1,482	283	452	432
Russia.....	14	7	30	42	6	17	64	89	29	290	170
Scotland.....	137	23	8	111	9	9	156	33	60	102	33
Sweden.....	105	13	89	197	292	7	55	97	41	82	288
Switzerland.....	55	39	7	17	2	50	80	55	9	255	157
Wales.....	8	7	.....	22	4	4	405	21	191	241	16
All others of foreign parentage.....	367	263	355	553	270	229	797	664	252	1,296	809

<sup>1</sup> For changes in boundaries, etc., see page 622.

<sup>2</sup> See Note 2 on page 622.

<sup>3</sup> Population of part of Berlin city; total population of city in Green Lake and Waushara Counties, 4,636 in 1910 and 4,489 in 1900.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Trem-peleau.	Vernon.	Vilas. <sup>1</sup>	Wal worth.	Wash-burn. <sup>1</sup>	Washing-ton.	Wauke-sha.	Waupaca.	Wau-shara.	Winne-bago.	Wood.
<b>SEX</b>											
Total Male	11,886	14,663	3,624	14,944	4,275	12,245	10,153	16,911	10,190	30,913	15,628
Female	11,042	13,453	2,395	14,670	3,821	11,539	17,947	15,871	8,686	31,203	14,955
White Male	11,879	14,573	3,333	14,005	4,204	12,242	19,108	16,898	10,187	30,845	15,561
Female	11,037	13,399	2,108	14,642	3,837	11,535	17,912	15,864	8,088	31,136	14,904
Negro Male	1	74	8	36	2	3	39	11	3	51	3
Female	1	42	2	28	1	3	35	7	8	59	3
<b>MALES OF VOTING AGE</b>											
Total number	6,302	7,829	2,334	9,198	2,203	6,867	11,381	9,413	5,726	18,127	8,029
Number in 1900	6,088	7,719	2,102	9,044	1,498	6,210	10,064	8,690	4,434	16,107	6,407
Native white—Native parentage	937	2,047	489	3,648	821	1,249	2,737	2,233	1,859	4,302	1,728
Number in 1900	884	3,074	493	3,751	485	1,111	2,007	2,256	1,718	3,893	1,888
Native white—Foreign or mixed parentage	2,760	2,001	508	3,039	583	3,860	4,860	3,724	1,887	7,300	3,010
Number in 1900	1,965	2,072	632	2,695	296	3,417	4,151	2,655	1,310	6,280	1,919
Native white—Foreign parentage	2,309	2,196	404	2,269	386	3,120	3,772	2,923	1,475	5,798	2,445
Native white—Mixed parentage	391	495	104	770	197	740	1,088	801	412	1,502	565
Foreign-born white	2,601	2,148	1,123	2,281	770	1,755	3,759	3,444	1,977	6,480	3,253
Number in 1900	3,235	2,545	906	2,669	697	2,352	3,872	3,707	1,403	6,884	3,193
Negro	1	35	7	25	1	3	21	10	3	31	2
Number in 1900	1	17	2	23	1	1	28	8	3	22	3
Indian, Chinese, and Japanese	3	8	147	3	28	4	2	2	2	14	36
<b>PER CENT OF TOTAL.</b>											
Native white—Native parentage	14.9	37.0	21.0	41.8	37.3	18.2	24.0	23.7	32.5	23.7	21.5
Native white—Foreign or mixed parentage	43.8	34.4	24.3	33.0	26.5	56.2	42.7	36.6	33.0	40.3	37.5
Foreign-born white	41.3	27.4	48.1	24.8	35.0	25.6	33.0	36.6	34.5	35.7	40.5
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>											
Naturalized	1,211	828	404	1,339	519	1,183	1,015	1,881	732	3,561	1,905
Having first papers	654	730	286	390	109	223	765	654	321	1,135	736
Alien	131	119	355	246	51	155	553	251	574	553	323
Unknown	605	471	78	306	91	194	526	658	350	1,231	289
<b>ILLITERACY</b>											
<b>ILLITERATE MALES OF VOTING AGE.</b>											
Total number illiterate	213	184	279	123	73	117	255	317	151	559	280
Per cent illiterate	3.4	2.4	12.0	1.3	3.3	1.7	2.2	3.4	2.6	3.1	3.5
Per cent in 1900	6.6	6.2	10.6	2.2	6.5	3.8	2.9	5.9	4.0	4.4	6.1
Native white, number illiterate	54	80	21	34	19	60	42	99	49	94	72
Per cent illiterate	1.5	1.4	2.0	0.5	1.4	1.2	0.6	1.7	1.3	0.8	1.5
Foreign-born white, number illiterate	153	101	159	89	43	57	212	215	102	462	182
Per cent illiterate	6.1	4.7	14.2	3.9	5.0	3.2	5.6	6.2	5.2	7.1	5.6
Negro, number illiterate	2	2	2	2	2	2	2	2	2	2	2
Per cent illiterate	1	2	2	2	2	2	3	2	2	4	5
<b>PERSONS 10 YEARS OLD AND OVER.</b>											
Total number	17,600	21,347	4,557	24,435	6,010	18,965	30,370	25,521	14,333	50,171	22,920
Number illiterate	584	468	440	285	148	255	490	657	308	1,222	634
Per cent illiterate	3.3	2.2	9.7	1.2	2.5	1.3	1.6	2.6	2.1	2.4	2.8
Native white, number	12,631	17,231	2,537	19,965	4,526	15,025	23,348	19,132	11,025	37,168	16,676
Number illiterate	119	175	30	63	30	128	96	175	89	173	143
Per cent illiterate	0.9	1.0	1.2	0.3	0.7	0.8	0.4	0.9	0.8	0.5	0.9
Foreign-born white, number	4,960	4,017	1,589	4,410	1,387	3,334	6,961	6,370	3,356	12,893	6,159
Number illiterate	460	288	182	220	96	127	391	479	220	1,044	437
Per cent illiterate	9.3	7.2	11.5	5.0	6.9	3.8	5.6	7.5	6.6	8.1	7.1
Negro, number	2	77	9	57	2	5	55	17	10	87	5
Number illiterate	1	2	2	2	2	2	3	2	2	4	2
Per cent illiterate	1	2	2	2	2	2	3	2	2	4	2
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>											
Total number	5,603	6,501	1,098	5,988	1,967	5,718	8,250	7,438	4,107	13,849	7,644
Number illiterate	18	24	22	19	5	14	29	19	19	53	33
Per cent illiterate	0.3	0.4	2.0	0.3	0.3	0.2	0.4	0.3	0.5	0.4	0.4
<b>SCHOOL AGE AND ATTENDANCE</b>											
Total number 6 to 20 years, inclusive	7,684	9,135	1,645	8,107	2,857	7,668	10,982	10,338	5,838	18,588	10,619
Number attending school	5,324	6,088	1,217	5,697	2,099	5,036	7,657	7,260	4,133	12,111	7,220
Per cent attending school	69.3	66.8	74.0	70.3	73.5	65.7	69.7	70.2	70.8	65.2	68.0
Number 6 to 9 years	2,081	2,634	547	2,110	890	1,950	2,732	2,900	1,731	4,739	2,075
Number attending school	1,774	1,921	491	1,852	772	1,718	2,291	2,536	1,422	4,218	2,604
Number 10 to 14 years	2,662	3,148	524	2,065	984	2,005	3,751	3,505	1,990	6,133	3,014
Number attending school	2,542	2,985	488	2,543	949	2,454	3,583	3,337	1,899	5,727	3,410
Number 15 to 17 years	1,540	1,733	296	1,671	547	1,620	2,385	2,043	1,072	3,821	2,169
Number attending school	815	965	183	960	322	704	1,385	1,097	648	1,620	918
Number 18 to 20 years	1,401	1,420	278	1,452	436	1,493	2,114	1,890	1,045	3,895	1,871
Number attending school	193	227	55	342	56	160	398	290	164	537	219
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>											
Total number	4,743	5,782	1,071	4,784	1,874	4,555	6,483	6,405	3,721	10,872	6,589
Number attending school	4,316	4,906	970	4,395	1,721	4,172	5,874	5,873	3,321	9,945	6,083
Per cent attending school	91.0	84.8	91.4	91.9	91.8	91.6	90.9	91.7	89.3	91.5	92.3
Native white—Native parentage, number	1,827	3,490	350	2,950	931	3,234	3,599	2,935	2,188	4,723	2,608
Number attending school	1,668	2,970	316	2,706	852	2,958	3,253	2,706	1,963	4,381	2,445
Per cent attending school	91.3	85.1	90.3	91.7	91.5	91.5	90.4	92.2	89.7	92.8	93.8
Native white—Foreign or mixed parentage, number	2,835	2,195	513	1,721	861	1,273	2,748	3,381	1,422	5,718	3,866
Number attending school	2,579	1,853	488	1,590	797	1,171	2,498	3,097	1,265	5,193	3,542
Per cent attending school	91.0	84.4	95.1	92.4	92.6	92.0	90.9	91.0	89.0	90.8	91.9
Foreign-born white, number	79	54	60	102	41	48	120	88	110	416	107
Number attending school	69	43	58	88	38	43	108	69	93	357	96
Per cent attending school	87.3	79.6	96.7	86.3	92.7	89.6	90.0	78.4	84.5	85.8	89.7
Negro, number	33	33	1	11	1	1	10	1	1	13	3
Number attending school	31	31	1	11	1	1	15	1	1	12	2
Per cent attending school	93.9	93.9	100.0	100.0	100.0	100.0	150.0	100.0	100.0	88.5	66.7
<b>DWELLINGS AND FAMILIES</b>											
Dwellings, number	4,614	5,881	1,106	7,172	1,716	4,632	8,110	6,786	4,101	13,491	6,073
Families, number	4,744	6,024	1,155	7,477	1,751	5,000	8,373	6,917	4,143	14,011	6,263

<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.	Green Bay.	La Crosse.	Madison. <sup>1</sup>	Milwaukee. <sup>1</sup>	Oshkosh. <sup>1</sup>	Racine.	Sheboygan.	Superior.
<b>POPULATION</b>									
Total population, 1910	592,887	25,236	30,417	25,531	373,857	33,062	38,002	26,398	40,384
1900	463,497	18,084	25,895	19,164	285,315	28,284	29,102	22,962	31,091
1890	324,245	9,069	25,090	13,426	204,468	22,836	21,014	16,359	11,983
1880	186,973	7,494	14,505	10,324	115,587	15,748	16,031	7,314	.....
1870	120,920	4,666	7,785	9,176	71,440	12,663	9,880	5,310	.....
Increase, 1900-1910	129,390	6,552	1,522	6,367	88,542	4,778	8,900	3,436	9,293
Per cent of increase	27.9	35.1	5.3	33.2	31.0	16.9	30.6	15.0	29.9
Increase, 1890-1900	139,252	9,615	3,805	5,738	80,847	5,448	8,088	6,603	19,108
Per cent of increase	42.9	106.0	15.2	42.7	39.5	23.9	38.5	40.4	159.5
<b>COLOR AND NATIVITY</b>									
White	590,861	25,123	30,358	25,300	372,809	32,948	37,884	26,388	40,051
Number in 1900	463,019	18,010	28,838	19,073	284,431	28,203	29,012	22,954	30,868
Number in 1890	323,312	9,019	25,026	13,577	204,001	22,771	20,908	16,356	11,856
Negro	1,628	45	50	143	980	98	112	9	182
Number in 1900	1,345	33	60	69	862	52	87	.....	186
Number in 1890	833	11	61	11	449	56	108	3	68
Black	1,037	27	25	68	603	46	91	7	170
Mulatto	591	18	34	75	377	52	21	2	13
Indian	250	66	.....	18	17	14	2	.....	133
Chinese	110	2	.....	45	51	2	4	1	14
Japanese	28	.....	.....	24	.....	.....	.....	.....	4
All other	1	.....	.....	1	.....	.....	.....	.....	.....
Native white—Native parentage	143,316	8,978	10,163	10,857	78,823	9,960	8,814	5,354	10,367
Number in 1900	93,554	5,148	7,483	7,104	48,698	7,004	6,118	4,180	7,319
Native white—Foreign or mixed parentage	279,462	12,089	14,152	10,269	182,530	15,532	16,561	12,367	15,912
Number in 1900	229,565	9,476	14,486	8,629	146,885	13,200	13,655	11,370	18,145
Native white—Foreign parentage	203,576	7,748	9,577	6,705	135,101	11,076	12,387	8,985	11,627
Native white—Mixed parentage	75,886	4,341	4,295	3,474	47,429	4,506	4,174	3,382	4,285
Foreign-born white	168,083	4,056	6,043	4,174	111,456	7,566	12,509	8,667	13,772
Number in 1900	138,900	4,016	7,219	3,340	88,048	7,339	9,239	7,395	11,404
<b>PER CENT OF TOTAL POPULATION.</b>									
Native white—Native parentage	24.2	35.6	33.4	42.5	21.1	30.1	23.2	20.3	25.7
Per cent in 1900	20.2	37.6	25.0	37.1	17.0	27.9	21.0	18.2	28.5
Native white—Foreign or mixed parentage	47.1	47.9	46.5	40.2	48.8	46.9	43.0	46.8	30.4
Per cent in 1900	49.5	50.7	48.9	45.0	51.5	46.9	46.9	49.6	39.1
Foreign-born white	28.3	16.1	19.9	16.3	29.8	22.4	32.9	32.8	34.1
Per cent in 1900	30.0	31.5	25.0	17.4	31.2	25.9	31.7	32.2	36.7
<b>SEX</b>									
Total.. Male	302,026	12,253	14,649	12,283	189,488	16,196	20,031	13,711	23,415
Female	290,861	12,983	15,768	13,248	184,369	16,866	17,971	12,687	16,960
White.. Male	300,977	12,200	14,623	12,134	188,948	16,140	19,973	13,707	23,252
Female	289,884	12,923	15,735	13,166	183,861	16,808	17,911	12,681	16,799
Negro.. Male	776	22	26	69	478	45	54	3	79
Female	852	23	33	74	502	53	58	6	103
<b>FOREIGN NATIONALITIES</b>									
<b>FOREIGN-BORN WHITE: Born in—</b>									
Austria	15,754	165	564	104	11,553	805	1,102	973	488
Belgium	1,494	1,011	3	9	86	14	18	6	347
Canada—French	945	165	42	7	218	33	21	11	456
Canada—Other	4,295	209	164	107	1,650	337	154	43	1,571
Denmark	4,708	241	66	114	619	373	3,145	21	189
England	3,576	77	127	249	2,086	208	364	52	413
Finland	1,256	5	2	1	110	4	21	3	1,110
France	408	20	19	11	251	7	24	8	59
Germany	82,985	1,125	2,723	1,320	64,816	4,482	2,890	4,618	1,011
Greece	1,778	.....	13	53	1,104	127	118	336	27
Holland	1,538	188	23	15	615	11	119	589	23
Hungary	6,469	2	54	34	5,571	24	566	47	171
Ireland	3,533	186	159	346	1,966	143	235	46	452
Italy	4,251	14	20	335	3,374	10	449	1	45
Norway	8,005	109	1,428	810	2,144	52	773	112	2,437
Russia	17,633	267	151	250	11,992	422	1,538	1,645	1,368
Scotland	1,227	30	55	67	647	21	154	12	241
Sweden	4,663	89	135	155	787	88	333	20	3,056
Switzerland	1,303	19	89	78	833	111	45	98	30
Turkey	670	27	172	12	225	28	192	12	2
Wales	599	2	12	18	231	93	227	1	15
Other foreign countries	883	16	22	19	578	13	21	13	201
<b>NATIVE WHITE: Both parents born in—</b>									
Austria	7,969	267	601	63	4,843	912	747	275	201
Canada—French	974	225	63	7	253	45	36	28	317
Canada—Other	1,829	140	31	64	482	150	55	12	845
Denmark	4,059	302	55	78	500	337	2,600	29	157
England	3,256	91	147	310	1,793	256	351	55	259
France	490	74	25	24	268	22	30	8	39
Germany	132,388	2,431	5,001	3,051	101,290	7,495	4,601	6,861	1,658
Holland	1,635	313	27	16	827	16	65	355	15
Hungary	973	1	14	4	802	20	64	15	53
Ireland	10,284	617	544	1,073	5,893	467	583	108	990
Italy	1,609	4	10	91	1,311	3	156	.....	19
Norway	8,040	236	2,033	980	1,978	66	680	104	1,963
Russia	7,250	398	90	108	4,658	207	540	666	683
Scotland	1,040	43	63	90	525	45	117	8	149
Sweden	3,578	71	104	143	531	57	218	19	2,435
Switzerland	1,051	19	102	85	601	133	42	56	13
Wales	852	8	26	34	340	144	283	3	15
All others of foreign parentage	16,367	2,508	864	574	8,206	701	1,219	383	1,912

<sup>1</sup> For changes in boundaries, etc., see page 622.

STATISTICS OF POPULATION.

POPULATION FOR CITIES OF 25,000 OR MORE.

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

SUBJECT.	TOTAL, CITIES NAMED.	Green Bay.	La Crosse.	Madison. <sup>1</sup>	Milwaukee. <sup>1</sup>	Oshkosh. <sup>1</sup>	Racine.	Sheboygan.	Superior.
<b>MALES OF VOTING AGE</b>									
Total number.....	181,647	6,884	8,729	7,825	113,106	9,440	12,478	7,807	15,378
Number in 1900.....	126,231	4,766	7,577	6,708	75,020	7,513	8,283	6,044	11,320
Native white—Native parentage.....	30,625	1,459	2,159	2,582	15,436	2,225	2,160	751	3,853
Number in 1900.....	17,720	808	1,658	1,640	7,872	1,695	1,278	434	2,441
Native white—Foreign or mixed parentage.....	64,206	3,319	3,687	3,021	41,114	3,562	3,682	2,695	3,206
Number in 1900.....	42,746	1,960	2,608	2,375	26,513	2,419	2,652	2,172	2,377
Native white—Foreign parentage.....	51,380	2,647	2,535	2,280	32,908	2,875	3,028	2,226	2,531
Native white—Mixed parentage.....	12,820	672	752	741	8,206	707	654	469	625
Foreign-born white.....	85,997	2,078	2,965	2,105	50,101	3,598	6,690	4,359	8,201
Number in 1900.....	66,116	1,983	3,390	1,649	40,455	3,362	4,438	3,434	6,404
Negro.....	613	14	18	47	396	27	42	1	68
Number in 1900.....	650	17	20	22	358	17	52	1	84
Indian, Chinese, and Japanese.....	206	14	.....	70	59	8	4	1	50
<b>PER CENT OF TOTAL.</b>									
Native white—Native parentage.....	16.9	21.2	24.7	33.0	13.6	23.6	17.3	9.6	25.1
Native white—Foreign or mixed parentage.....	35.3	48.2	41.1	38.6	36.3	37.9	29.5	34.5	20.8
Foreign-born white.....	47.3	30.2	34.0	26.9	49.6	38.1	52.8	55.8	53.3
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>									
Naturalized.....	41,348	1,524	1,759	1,174	26,155	2,106	2,834	2,061	3,735
Having first papers.....	14,573	205	524	179	9,887	519	1,215	721	1,323
Alien.....	20,821	131	270	338	14,435	419	2,011	901	2,220
Unknown.....	9,255	218	406	414	5,624	554	530	586	923
<b>ILLITERACY</b>									
<b>ILLITERATE MALES OF VOTING AGE.</b>									
Total number illiterate.....	7,789	524	256	172	5,147	321	586	304	479
Per cent illiterate.....	4.3	7.6	2.9	2.2	4.6	3.4	4.7	3.9	3.1
Per cent in 1900.....	4.1	3.5	2.4	1.4	4.1	3.4	4.9	6.6	3.6
Native white, number illiterate.....	444	206	25	7	149	25	8	8	16
Per cent illiterate.....	0.5	4.3	0.4	0.1	0.3	0.4	0.1	0.2	0.2
Foreign-born white, number illiterate.....	7,293	314	230	151	4,079	294	575	296	454
Per cent illiterate.....	8.5	15.1	7.8	7.2	8.9	8.2	8.7	6.8	5.5
Negro, number illiterate.....	14	.....	1	1	9	1	2	.....	.....
Per cent illiterate.....	2.3	.....	.....	.....	2.3	.....	.....	.....	.....
<b>PERSONS 10 YEARS OLD AND OVER.</b>									
Total number.....	478,756	19,582	25,140	21,327	302,302	26,610	30,885	20,984	31,916
Number illiterate.....	16,231	1,133	637	343	10,765	714	1,127	672	850
Per cent illiterate.....	3.4	5.7	2.5	1.6	3.6	2.7	3.6	3.2	2.7
Native white, number.....	313,628	15,494	10,092	17,036	103,146	10,278	18,660	12,664	18,258
Number illiterate.....	1,159	437	64	19	454	64	41	30	41
Per cent illiterate.....	0.4	2.8	0.3	0.1	0.2	0.3	0.2	0.3	0.2
Foreign-born white, number.....	163,353	4,007	5,995	4,090	108,203	7,242	12,117	8,324	13,375
Number illiterate.....	14,975	670	571	305	10,274	646	1,081	633	789
Per cent illiterate.....	9.2	16.9	9.5	7.5	9.5	8.9	8.9	7.6	5.9
Negro, number.....	1,442	35	53	116	800	76	102	5	165
Number illiterate.....	45	2	2	6	26	3	4	.....	2
Per cent illiterate.....	3.1	.....	.....	5.2	2.9	.....	3.9	.....	1.2
<b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>									
Total number.....	128,743	5,582	6,949	5,009	82,286	7,222	7,837	6,110	7,739
Number illiterate.....	1,033	36	25	35	693	42	94	44	64
Per cent illiterate.....	0.8	0.6	0.4	0.7	0.8	0.6	1.2	0.7	0.8
<b>SCHOOL AGE AND ATTENDANCE</b>									
Total number 6 to 20 years, inclusive.....	171,770	7,680	8,078	6,578	109,078	9,716	10,473	8,175	10,992
Number attending school.....	104,279	5,120	5,927	4,604	63,228	6,310	6,453	4,511	7,721
Per cent attending school.....	60.7	66.7	65.3	70.0	58.0	64.9	61.7	60.1	70.2
Number 6 to 9 years.....	43,027	2,068	2,120	1,560	26,792	2,494	2,636	2,056	3,253
Number attending school.....	36,742	1,875	1,931	1,400	21,964	2,312	2,400	1,993	2,892
Number 10 to 14 years.....	55,400	2,504	2,928	1,989	35,320	3,117	3,325	2,655	3,662
Number attending school.....	50,967	2,371	2,751	1,880	32,201	2,806	3,092	2,402	3,465
Number 15 to 17 years.....	34,909	1,544	1,920	1,350	22,360	1,990	2,096	1,720	1,929
Number attending school.....	12,406	680	866	831	6,938	780	777	450	1,104
Number 18 to 20 years.....	38,434	1,534	2,101	1,670	24,606	2,115	2,416	1,744	2,248
Number attending school.....	4,164	194	379	484	2,125	322	189	111	360
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>									
Total number.....	98,427	4,602	5,057	3,558	62,112	5,611	5,961	4,711	6,815
Number attending school.....	87,709	4,246	4,682	3,289	54,165	5,208	5,492	4,370	6,257
Per cent attending school.....	89.1	92.3	92.6	92.4	87.2	92.8	92.1	92.8	91.8
Native white—Native parentage, number.....	33,277	2,510	2,391	2,127	18,851	2,123	1,858	1,593	1,824
Number attending school.....	30,394	2,316	2,208	1,962	16,993	2,013	1,728	1,467	1,677
Per cent attending school.....	91.3	92.3	92.3	92.2	90.1	94.8	98.0	94.0	91.9
Native white—Foreign or mixed parentage, number.....	58,334	2,007	2,567	1,270	38,670	3,214	3,871	2,636	4,390
Number attending school.....	51,553	1,851	2,378	1,185	33,389	2,958	3,293	2,444	4,055
Per cent attending school.....	88.4	92.2	92.6	93.3	86.3	92.0	92.2	92.7	92.2
Foreign-born white, number.....	6,022	64	84	140	4,517	261	510	481	556
Number attending school.....	5,598	58	81	125	3,724	225	459	428	498
Per cent attending school.....	84.5	.....	.....	89.3	82.4	86.2	88.4	89.0	89.6
Negro, number.....	147	4	16	20	72	12	13	1	10
Number attending school.....	124	4	15	10	58	11	12	1	7
Per cent attending school.....	84.4	.....	.....	.....	.....	.....	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>									
Dwellings, number.....	102,277	5,072	6,257	5,182	60,724	7,169	7,054	4,714	6,105
Families, number.....	127,421	5,448	6,686	5,949	80,566	7,581	8,286	5,859	7,406

<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 III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 10,000 TO 25,000.

SUBJECT.	TOTAL, CITIES NAMED.	Apple- ton.	Ashland.	Beloit.	Eau Claire.	Fond du Lac.	Janes- ville.	Keno- sha. <sup>1</sup>	Manito- woc.	Mari- nette.	Wau- sau.
<b>COLOR AND NATIVITY</b>											
Total population, 1910.....	160,061	16,773	11,594	15,125	18,310	18,797	13,894	21,371	13,027	14,610	16,560
1900.....	136,348	15,085	13,074	10,436	17,517	15,110	13,185	11,606	11,786	16,195	12,354
Native white—Native parentage.....	52,237	5,701	2,257	8,237	5,335	7,628	6,814	5,311	3,068	2,762	4,224
Native white—Foreign or mixed parentage.....	70,849	7,801	5,822	4,398	8,091	8,023	5,041	8,384	6,510	7,773	8,406
Foreign-born white.....	30,552	3,257	3,475	2,395	4,245	3,062	1,997	7,642	2,534	4,027	3,918
Negro.....	276	9	3	94	32	47	37	33	11	1	9
Indian, Chinese, and Japanese.....	147	5	37	1	7	37	5	1	4	47	3
<b>FOREIGN NATIONALITIES</b>											
<b>FOREIGN-BORN WHITE: Born in—</b>											
Austria.....	1,785	116	247	29	110	37	57	634	318	135	102
Canada—French.....	1,240	26	206	18	142	161	15	10	22	556	84
Canada—Other.....	2,111	113	405	100	423	134	123	181	53	300	189
Denmark.....	1,110	47	47	59	63	24	23	630	10	157	50
England.....	1,177	94	67	190	83	145	217	247	40	67	21
Finland.....	329	2	209	1	4	1	51	3	3	49	10
Germany.....	14,510	2,376	608	577	928	1,852	826	1,899	1,693	879	2,377
Greece.....	284	2	2	116	11	122	18	2	6	5	.....
Holland.....	268	103	11	2	2	6	3	85	5	45	6
Hungary.....	652	7	8	7	21	27	7	548	7	13	7
Ireland.....	1,468	114	112	155	172	252	340	157	59	82	25
Italy.....	1,220	1	34	288	6	2	10	881	3	.....	1
Norway.....	3,938	7	412	471	1,924	21	163	92	192	480	176
Russia.....	2,716	68	307	152	51	93	9	1,610	72	182	172
Scotland.....	294	21	31	19	33	29	81	36	7	19	18
Sweden.....	2,619	18	711	114	205	9	41	434	22	925	140
Switzerland.....	234	20	8	46	44	34	18	39	5	5	15
Turkey.....	176	8	.....	6	6	73	25	57	.....	.....	1
Other foreign countries.....	415	114	50	46	25	37	21	49	11	38	24
<b>NATIVE WHITE: Both parents born in—</b>											
Austria.....	1,505	100	310	17	106	30	36	169	460	172	99
Canada—French.....	1,578	26	185	12	165	295	9	13	32	720	121
Canada—Other.....	1,204	63	243	47	255	59	39	53	24	305	116
Denmark.....	894	48	50	39	60	26	31	410	8	183	39
England.....	1,123	83	64	183	78	172	229	185	45	45	39
France.....	149	34	11	26	10	15	14	13	4	5	17
Germany.....	24,270	3,811	956	973	1,430	3,508	1,386	2,919	3,313	1,486	4,497
Holland.....	367	161	6	2	12	14	4	96	5	61	6
Hungary.....	148	1	2	4	10	3	2	109	4	12	1
Ireland.....	4,172	315	254	559	319	800	1,012	412	164	216	121
Italy.....	302	.....	31	23	2	2	2	244	.....	.....	.....
Norway.....	4,764	16	401	511	2,550	27	241	63	234	522	199
Russia.....	1,230	44	271	42	38	42	8	533	48	127	77
Scotland.....	381	30	37	55	28	37	101	43	15	11	24
Sweden.....	2,478	23	645	88	214	6	60	343	9	957	133
Switzerland.....	194	15	6	35	52	31	12	22	2	8	11
All others of foreign parentage.....	4,651	451	690	283	587	386	283	540	244	822	356
<b>SEX</b>											
Total.. Male.....	79,694	7,920	5,949	7,752	8,932	8,933	6,596	11,682	6,366	7,296	8,168
Female.....	80,367	8,853	5,645	7,373	9,328	9,814	7,298	9,689	6,661	7,314	8,392
White... Male.....	79,463	7,913	5,925	7,702	8,963	8,938	6,575	11,661	6,357	7,267	8,162
Female.....	80,175	8,846	5,629	7,328	9,308	9,775	7,277	9,676	6,655	7,295	8,386
Negro... Male.....	133	2	1	49	12	23	13	21	5	1	3
Female.....	143	7	2	45	20	24	21	12	6	.....	6
<b>MALES OF VOTING AGE</b>											
Total number.....	46,770	4,444	3,222	4,926	5,239	5,641	4,218	7,212	3,599	3,790	4,481
Native white—Native parentage.....	11,614	988	511	2,336	1,247	1,632	1,770	1,292	509	540	783
Native white—Foreign or mixed parentage.....	16,133	1,876	835	1,245	1,804	2,395	1,451	1,761	1,825	1,168	1,773
Foreign-born white.....	18,859	1,573	1,864	1,807	2,173	1,585	979	4,141	1,258	2,059	1,920
Negro.....	106	2	.....	37	9	20	13	18	4	1	2
<b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>											
Naturalized.....	11,376	1,287	1,299	654	1,411	1,035	646	1,401	789	1,544	1,310
Having first papers.....	2,507	94	244	115	351	68	69	771	180	322	293
Alien.....	2,786	57	191	388	133	139	70	1,445	98	103	112
Unknown.....	2,240	135	130	150	278	343	194	524	191	90	205
<b>ILLITERACY.</b>											
Total number 10 years old and over.....	128,129	13,408	8,835	12,377	14,931	15,373	11,756	16,918	10,287	11,341	12,903
Number illiterate.....	3,536	219	366	220	228	304	202	979	145	596	277
Native white 10 years old and over.....	91,949	10,177	5,382	9,981	10,694	12,292	9,732	9,525	7,779	7,324	9,063
Number illiterate.....	395	53	22	14	35	51	25	35	28	85	47
Foreign-born white 10 years old and over.....	35,825	3,217	3,427	2,315	4,207	3,011	1,983	7,360	2,495	3,981	3,829
Number illiterate.....	3,107	161	344	201	193	246	173	944	114	502	229
Negro 10 years old and over.....	244	9	2	80	23	44	36	32	9	1	8
Number illiterate.....	17	1	.....	5	.....	6	4	.....	.....	.....	.....
Illiterate males of voting age.....	1,677	78	162	144	80	156	70	535	49	284	119
<b>SCHOOL AGE AND ATTENDANCE</b>											
Total number 6 to 20 years, inclusive.....	47,424	5,103	3,877	3,900	5,689	4,879	3,657	5,848	4,018	5,168	5,285
Number attending school.....	32,044	3,493	2,861	2,953	4,063	3,314	2,296	3,268	2,733	3,705	3,608
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>											
Total number.....	27,544	2,996	2,440	2,197	3,173	2,827	1,994	3,328	2,448	3,069	3,072
Number attending school.....	15,694	2,842	2,310	2,051	3,030	2,679	1,758	2,553	2,312	2,941	2,909
Native white—Native parentage, number.....	11,627	1,520	548	1,454	1,086	1,695	1,279	1,099	1,282	677	1,008
Number attending school.....	10,902	1,472	523	1,364	1,026	1,578	1,130	952	1,225	653	974
Native white—Foreign or mixed parentage, number.....	14,873	1,418	1,805	645	2,007	1,093	690	1,801	1,102	2,304	1,948
Number attending school.....	13,914	1,324	1,710	597	1,929	1,037	609	1,619	1,033	2,205	1,832
Foreign-born white, number.....	996	49	79	87	80	57	22	304	62	82	114
Number attending school.....	834	46	71	80	75	52	16	278	52	73	91
Negro, number.....	26	.....	1	11	.....	3	.....	4	.....	.....	2
Number attending school.....	25	.....	1	10	.....	3	.....	4	.....	.....	2
<b>DWELLINGS AND FAMILIES</b>											
Dwellings, number.....	32,392	3,660	2,185	3,373	3,632	4,280	3,107	3,609	2,488	2,799	3,169
Families, number.....	35,706	3,860	2,410	3,590	4,046	4,462	3,432	4,337	2,943	3,010	3,616

<sup>1</sup> For changes in boundaries, etc., see page 622.

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

SUBJECT.	TOTAL, CITIES NAMED.	Antigo.	Baraboo.	Beaver Dam.	Berlin.	Burlington.	Chip-pewa Falls.	Columbus.	Cudahy.	De Pere.	Edger-ton.	Fort Atkin-son.	Grand Rapids.	Hart-ford.
<b>SEX, COLOR, AND NATIVITY</b>														
Total population, 1910.....	251,372	7,196	6,324	6,758	4,636	3,212	8,893	2,523	3,691	4,477	2,513	3,877	6,521	2,982
1900.....	211,251	5,145	5,751	5,128	4,489	2,526	8,094	2,340	1,366	4,038	2,192	3,043	4,493	1,632
Male.....	124,688	3,644	3,278	3,477	2,155	1,514	4,370	1,174	2,127	2,129	1,196	1,874	3,243	1,505
Female.....	126,684	3,552	3,046	3,281	2,481	1,698	4,523	1,340	1,564	2,348	1,317	2,003	3,278	1,477
Native white—Native parentage.....	90,446	3,085	3,452	2,411	1,492	1,363	2,441	815	342	1,321	899	1,906	2,384	1,185
Native white—Foreign or mixed parentage.....	108,681	2,986	2,107	2,693	2,106	1,318	4,288	1,121	1,665	2,161	1,100	1,441	2,983	1,278
Foreign-born white.....	51,790	1,122	739	1,052	1,031	531	2,155	585	1,684	942	605	524	1,152	517
Negro.....	237	1	26	2	5	2	2	1	1	1	9	6	2	2
Indian, Chinese, and Japanese.....	218	2	.....	.....	2	.....	7	1	.....	53	.....	.....	2	.....
<b>MALES OF VOTING AGE</b>														
Total number.....	73,159	2,022	2,241	2,191	1,244	926	2,459	749	1,195	1,221	704	1,183	1,741	937
Native white—Native parentage.....	19,293	721	1,022	497	346	264	507	184	52	199	219	451	488	273
Native white—Foreign or mixed parentage.....	26,868	737	801	778	399	401	827	284	242	535	247	464	663	401
Foreign-born white.....	26,795	563	402	914	497	261	1,118	279	901	472	235	265	589	261
Naturalized.....	15,491	374	239	357	353	197	836	214	203	263	125	194	368	176
Negro.....	104	16	2	.....	.....	.....	2	1	.....	.....	3	.....	.....	2
<b>ILLITERACY</b>														
Total number 10 years old and over.....	202,122	5,655	5,366	5,585	3,700	2,615	7,174	2,162	2,645	3,512	2,050	3,208	5,042	2,437
Number illiterate.....	4,522	82	79	272	329	11	285	45	122	189	27	30	123	7
Native white 10 years old and over.....	150,878	4,550	4,602	4,001	2,671	2,085	5,054	1,578	1,061	2,530	1,542	2,630	3,896	1,928
Number illiterate.....	776	9	13	39	44	2	30	9	1	33	6	8	16	2
Foreign-born white 10 years old and over.....	50,856	1,102	738	1,582	1,024	530	2,111	582	1,584	932	501	522	1,144	507
Number illiterate.....	3,706	71	59	233	285	9	255	36	121	150	21	22	106	5
Negro 10 years old and over.....	205	1	26	2	3	.....	2	1	.....	.....	7	6	.....	2
Number illiterate.....	13	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illiterate males of voting age.....	2,064	28	38	160	156	5	122	26	61	81	5	13	45	1
<b>SCHOOL AGE AND ATTENDANCE</b>														
Total number 6 to 20 years, inclusive.....	75,274	2,368	1,531	1,858	1,393	844	2,982	663	1,102	1,314	775	1,027	2,093	848
Number attending school.....	51,300	1,636	1,058	1,204	998	554	2,136	479	388	878	535	707	1,528	583
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	42,821	1,329	847	994	840	508	1,652	372	600	768	445	563	1,201	459
Number attending school.....	39,080	1,264	789	936	821	465	1,532	357	301	725	420	524	1,160	445
Foreign-born white, number.....	1,346	27	3	76	13	3	64	7	127	11	7	1	17	19
Number attending school.....	1,094	25	3	60	10	3	54	6	52	9	5	1	15	17
Negro, number.....	34	.....	1	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....
Number attending school.....	30	.....	1	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>														
Dwellings, number.....	54,751	1,470	1,466	1,486	1,102	801	1,675	646	609	1,005	561	960	1,355	642
Families, number.....	57,881	1,524	1,549	1,586	1,133	830	1,917	671	693	1,025	582	995	1,424	679

SUBJECT.	Hind-son.	Jeffer-son.	Kau-kauna.	Lake Geneva.	Marsh-field. <sup>1</sup>	Me-nasha.	Me-nom-nie.	Merrill.	Mineral Point.	Monroe.	Neen-nah.	New Lon-don.	Ocono-mowoc.	Ocono-to.
<b>SEX, COLOR, AND NATIVITY</b>														
Total population, 1910.....	2,810	2,582	4,717	3,079	5,783	6,081	5,036	8,689	2,925	4,410	5,734	3,383	3,054	5,629
1900.....	3,259	2,584	5,115	2,585	5,240	5,589	5,055	8,537	2,991	3,927	5,954	2,742	2,880	5,046
Male.....	1,382	1,239	2,345	1,492	2,787	3,009	2,422	4,336	1,353	2,052	2,775	1,656	1,437	2,823
Female.....	1,428	1,343	2,372	1,587	2,996	3,072	2,614	4,353	1,572	2,358	2,959	1,727	1,617	2,806
Native white—Native parentage.....	843	1,046	1,620	1,447	1,898	1,520	1,403	2,384	1,222	2,318	1,707	1,498	1,271	1,469
Native white—Foreign or mixed parentage.....	1,241	1,106	2,281	1,107	2,787	3,136	2,374	4,289	1,274	1,304	2,705	1,385	1,218	2,921
Foreign-born white.....	724	430	792	520	1,095	1,420	1,258	1,985	413	728	1,313	499	563	1,223
Negro.....	.....	.....	14	4	3	5	.....	3	16	.....	.....	1	1	.....
Indian, Chinese, and Japanese.....	2	.....	.....	1	.....	.....	1	28	1	.....	6	.....	.....	16
<b>MALES OF VOTING AGE</b>														
Total number.....	839	756	1,235	875	1,484	1,559	1,344	2,279	854	1,340	1,692	976	903	1,505
Native white—Native parentage.....	232	171	261	305	325	234	258	424	178	809	354	296	255	256
Native white—Foreign or mixed parentage.....	245	374	598	249	629	664	445	823	469	368	698	411	351	629
Foreign-born white.....	360	211	404	256	525	661	640	1,027	203	363	637	208	294	625
Naturalized.....	248	158	327	190	298	257	421	709	107	244	438	200	156	521
Negro.....	.....	.....	2	4	2	.....	.....	1	3	.....	.....	1	.....	.....
<b>ILLITERACY</b>														
Total number 10 years old and over.....	2,355	2,137	3,607	2,468	4,468	4,635	4,094	6,646	2,476	3,766	4,799	2,667	2,614	4,414
Number illiterate.....	14	15	44	16	55	108	215	98	33	31	46	76	62	163
Native white 10 years old and over.....	1,639	1,708	2,811	1,950	3,386	3,304	2,842	4,686	2,056	3,041	3,499	2,167	2,051	3,181
Number illiterate.....	4	7	9	6	22	6	13	32	12	13	7	18	22	36
Foreign-born white 10 years old and over.....	714	429	734	513	1,079	1,376	1,251	1,942	406	725	1,202	499	561	1,217
Number illiterate.....	10	8	34	10	33	102	202	63	20	18	39	58	40	123
Negro 10 years old and over.....	.....	.....	12	4	3	5	.....	3	10	.....	2	1	.....	.....
Number illiterate.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Illiterate males of voting age.....	2	8	15	2	21	43	79	45	10	9	13	32	24	68
<b>SCHOOL AGE AND ATTENDANCE</b>														
Total number 6 to 20 years, inclusive.....	825	721	1,567	898	1,960	2,137	1,650	2,985	779	1,139	1,719	993	816	1,899
Number attending school.....	614	474	1,075	662	1,236	1,244	1,155	2,002	583	865	1,141	703	572	1,328
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	435	402	956	562	1,146	1,252	936	1,692	423	659	945	608	450	1,114
Number attending school.....	413	372	913	516	1,006	1,058	817	1,579	405	633	889	577	413	1,001
Foreign-born white, number.....	12	5	11	10	22	61	15	66	4	5	44	3	3	13
Number attending school.....	10	5	9	9	19	46	13	60	4	5	42	2	3	10
Negro, number.....	.....	.....	3	.....	.....	1	.....	.....	4	.....	.....	.....	.....	.....
Number attending school.....	.....	.....	3	.....	.....	1	.....	.....	3	.....	.....	.....	.....	.....
<b>DWELLINGS AND FAMILIES</b>														
Dwellings, number.....	654	641	999	722	1,184	1,204	1,122	1,778	696	1,187	1,383	752	795	1,116
Families, number.....	666	656	1,021	737	1,217	1,250	1,206	1,835	758	1,198	1,408	799	809	1,161

<sup>1</sup> For changes in boundaries, etc., see page 622.

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

SUBJECT.	Platteville.	Plymouth.	Port Washington.	Portage.	Prairie du Chien.	Reedsburg.	Rhinelander.	Rice Lake.	Richland Center.	Ripon.	Shawano.	South Milwaukee.	Sparta.	Stanley.
<b>SEX, COLOR, AND NATIVITY</b>														
Total population, 1910.....	4,452	3,094	3,792	5,440	3,149	2,615	5,637	3,968	2,652	3,739	2,923	6,092	3,973	2,675
1900.....	3,340	2,287	3,010	5,469	3,232	2,225	4,998	3,002	2,321	3,818	1,863	3,392	3,555	2,387
Male.....	2,009	1,477	2,062	2,549	1,573	1,226	2,980	1,949	1,251	1,600	1,428	3,351	1,827	1,411
Female.....	2,353	1,617	1,730	2,891	1,576	1,389	2,657	2,019	1,401	2,079	1,495	2,741	2,146	1,264
Native white—Native parentage.....	2,529	1,314	1,335	2,136	1,246	1,226	1,774	1,558	2,067	1,293	1,195	1,199	2,371	677
Native white—Foreign or mixed parentage.....	1,404	1,282	1,568	2,411	1,388	937	2,487	1,685	463	1,590	1,262	2,582	1,156	1,293
Foreign-born white.....	516	497	889	882	515	445	1,366	708	122	854	421	2,008	425	697
Negro.....	1	1	1	8	1	1	0	0	0	0	0	1	16	8
Indian, Chinese, and Japanese.....	2	1	3	3	1	6	9	11	2	15	2	5	5	8
<b>MALES OF VOTING AGE</b>														
Total number.....	1,322	931	1,200	1,636	865	765	1,696	1,076	789	1,071	760	1,865	1,063	723
Native white—Native parentage.....	504	238	187	438	218	279	414	344	561	303	188	242	539	131
Native white—Foreign or mixed parentage.....	494	412	479	788	392	263	524	346	166	374	362	490	320	207
Foreign-born white.....	261	280	534	403	275	293	753	381	62	392	205	1,124	199	382
Naturalized.....	185	213	251	304	165	126	336	258	54	150	154	377	117	221
Negro.....	1	1	4	4	1	1	1	2	1	1	1	1	2	1
<b>ILLITERACY</b>														
Total number 10 years old and over.....	3,677	2,568	2,977	4,618	2,524	2,176	4,337	3,110	2,230	3,151	2,216	4,551	3,214	1,961
Number illiterate.....	69	46	160	29	84	47	100	40	36	79	18	73	36	15
Native white 10 years old and over.....	3,164	2,072	2,110	3,727	2,009	1,728	2,980	2,402	2,108	2,306	1,786	2,612	2,770	1,274
Number illiterate.....	13	1	10	5	43	7	20	10	26	11	11	8	11	11
Foreign-born white 10 years old and over.....	510	495	867	880	515	444	1,347	698	122	843	415	1,936	422	680
Number illiterate.....	55	45	150	24	41	40	76	30	10	68	6	65	24	14
Negro 10 years old and over.....	1	1	1	1	1	1	1	5	1	1	1	1	1	1
Number illiterate.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Illiterate males of voting age.....	34	27	100	12	40	18	57	23	20	25	10	36	13	7
<b>SCHOOL AGE AND ATTENDANCE</b>														
Total number 6 to 20 years, inclusive.....	1,141	876	1,147	1,460	960	699	1,789	1,365	729	932	940	1,918	1,123	889
Number attending school.....	857	619	719	1,022	443	507	1,184	1,026	577	668	557	1,112	784	639
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>														
Native white, number.....	656	510	673	820	563	398	1,037	801	437	535	542	1,076	649	533
Number attending school.....	590	487	597	764	352	373	952	764	420	504	422	887	538	507
Foreign-born white, number.....	7	4	30	6	4	3	36	12	13	13	8	109	8	22
Number attending school.....	7	2	22	6	3	3	35	11	12	12	4	90	8	21
Negro, number.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Number attending school.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>DWELLINGS AND FAMILIES</b>														
Dwellings, number.....	1,119	715	697	1,328	690	663	1,105	786	697	956	622	1,104	960	478
Families, number.....	1,176	760	778	1,370	718	690	1,189	850	717	982	647	1,193	973	511

SUBJECT.	Stevens Point.	Stoughton.	Sturgeon Bay.	Tomah.	Tomahawk.	Two Rivers.	Washburn. <sup>1</sup>	Watertown.	Waukesha.	Wau-paca.	Wau-pun.	Wau-watosa.	West Allis. <sup>1</sup>	White-water.
<b>SEX, COLOR, AND NATIVITY</b>														
Total population, 1910.....	8,692	4,761	4,282	3,419	2,907	4,850	3,830	8,829	8,740	2,789	3,362	3,346	6,645	3,224
1900.....	9,624	3,431	3,372	2,840	2,291	3,784	3,830	8,437	7,419	2,912	3,185	2,842	5,309	3,405
Male.....	4,184	2,464	2,052	1,661	1,540	2,400	2,058	4,092	4,444	1,306	1,870	1,597	3,966	1,417
Female.....	4,508	2,297	2,210	1,758	1,367	2,450	1,772	4,737	4,296	1,483	1,492	1,749	2,679	1,807
Native white—Native parentage.....	2,894	1,151	1,702	1,606	890	1,669	622	2,443	3,494	1,183	1,346	1,243	1,841	1,700
Native white—Foreign or mixed parentage.....	4,082	2,042	1,913	1,262	1,376	2,344	2,050	4,432	3,648	1,057	1,338	1,421	2,383	1,065
Foreign-born white.....	1,712	1,568	642	559	639	836	1,158	1,940	1,548	546	640	681	2,420	465
Negro.....	1	8	3	2	2	2	2	4	47	2	27	1	7	2
Indian, Chinese, and Japanese.....	3	2	2	2	1	1	1	3	1	1	16	1	1	2
<b>MALES OF VOTING AGE</b>														
Total number.....	2,273	1,504	1,176	1,004	866	1,259	1,000	2,472	2,551	838	1,504	894	2,628	953
Native white—Native parentage.....	596	265	313	390	187	183	145	358	844	283	427	272	517	417
Native white—Foreign or mixed parentage.....	818	452	529	399	315	614	224	1,190	932	256	624	296	619	338
Foreign-born white.....	356	793	331	275	393	401	631	914	758	291	415	325	1,491	196
Naturalized.....	516	490	298	218	169	117	438	608	400	213	225	211	386	173
Negro.....	2	2	2	1	1	1	1	3	15	2	23	1	1	1
<b>ILLITERACY</b>														
Total number 10 years old and over.....	6,864	3,859	3,297	2,803	2,269	3,657	2,818	7,422	7,281	2,307	2,999	2,735	5,309	2,845
Number illiterate.....	218	26	55	31	49	53	105	83	145	6	55	21	225	41
Native white 10 years old and over.....	5,166	2,351	2,652	2,248	1,632	2,836	1,673	5,482	5,718	1,767	2,331	2,065	3,005	2,390
Number illiterate.....	44	2	30	13	8	7	11	18	10	3	15	2	6	12
Foreign-born white 10 years old and over.....	1,694	1,500	641	553	635	820	1,145	1,936	1,524	537	625	669	2,303	451
Number illiterate.....	174	24	24	18	41	46	94	65	134	3	35	19	219	29
Negro 10 years old and over.....	1	6	2	2	2	2	2	4	36	2	27	1	7	2
Number illiterate.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Illiterate males of voting age.....	75	7	29	4	26	16	58	22	73	2	33	11	158	16
<b>SCHOOL AGE AND ATTENDANCE</b>														
Total number 6 to 20 years, inclusive.....	2,846	1,315	1,249	985	920	1,612	1,446	2,566	2,805	728	639	1,051	1,712	746
Number attending school.....	1,943	900	902	692	654	1,069	1,089	1,639	2,007	523	410	1,079	1,021	539
<b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>														
Native white, number.....	1,658	680	751	566	515	962	925	1,438	1,403	431	305	573	821	396
Number attending school.....	1,507	609	715	511	497	896	854	1,301	1,363	383	280	528	751	383
Foreign-born white, number.....	16	79	3	5	8	19	22	24	53	8	18	30	148	6
Number attending school.....	15	66	3	4	8	17	17	19	51	7	13	27	123	6
Negro, number.....	3	3	1	1	1	1	1	1	9	1	1	1	1	1
Number attending school.....	2	2	1	1	1	1	1	1	9	1	1	1	1	1
<b>DWELLINGS AND FAMILIES</b>														
Dwellings, number.....	1,902	909	879	806	588	941	693	2,093	1,839	731	712	677	1,121	529
Families, number.....	1,952	1,095	995	856	625	1,062	701	2,230	1,986	749	732	724	1,249	1,012

<sup>1</sup> For changes in boundaries, etc., see page 622.

STATISTICS OF POPULATION.

621

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS OF MILWAUKEE.

SUBJECT.	THE CITY.	WARD.										
		1	2	3	4	5	6	7	8	9	10	11
<b>SEX, COLOR, AND NATIVITY</b>												
Total population, 1910.....	373,857	9,700	10,023	6,252	10,502	10,163	14,002	7,566	11,251	18,472	19,033	30,163
Male.....	189,488	4,291	5,503	3,789	6,116	5,991	7,019	3,488	5,076	9,445	9,396	15,888
Female.....	184,369	5,418	4,400	2,463	4,386	4,172	6,983	4,128	5,775	9,027	9,637	14,775
Native white—Native parentage.....	78,823	3,154	1,728	768	2,961	2,370	2,458	3,071	2,940	3,175	3,507	4,061
Native white—Foreign or mixed parentage.....	182,530	4,248	3,595	2,240	3,066	4,302	6,425	2,893	5,254	8,523	9,185	16,515
Foreign-born white.....	111,450	2,235	4,404	3,239	3,583	3,488	5,063	1,446	3,065	6,759	6,327	9,580
Negro.....	980	72	206	5	260	1	49	149	1	12	11	3
Indian and Chinese.....	08				32	2	7	8	1	3	3	4
<b>FOREIGN-BORN WHITE: Born in—</b>												
Austria.....	11,553	225	625	35	921	1,253	582	81	590	1,127	885	484
Canada.....	1,808	125	74	25	137	84	75	126	78	30	37	50
Denmark.....	619	25	6	10	25	33	19	27	35	12	15	59
England.....	2,086	104	49	21	128	99	70	119	57	51	46	46
Germany.....	64,810	989	1,469	108	745	1,081	2,109	618	1,240	3,042	3,203	6,894
Greece.....	1,104	76	287	12	328	85	49	77	78	27	3	16
Holland.....	615	10	4	6	33	7	23	11	10	163	76	12
Hungary.....	5,571	113	1,077	14	660	151	527	27	209	629	422	33
Ireland.....	1,960	147	34	137	219	130	39	73	74	15	9	46
Italy.....	3,374	45	9	2,789	23	16	26	37	16	7	1	6
Norway.....	2,144	33	19	6	40	259	16	37	430	13	17	448
Russia.....	11,992	97	520	20	72	137	1,358	57	46	1,475	1,402	1,831
Scotland.....	647	40	14	7	30	41	14	33	35	4	7	14
Sweden.....	787	30	22	12	19	48	13	27	75	12	17	76
Switzerland.....	833	29	55	4	15	18	67	30	21	49	50	33
Other foreign countries.....	1,481	87	140	27	188	96	70	68	61	103	77	82
<b>MALES OF VOTING AGE</b>												
Total number.....	113,103	2,847	3,914	2,421	4,780	4,289	4,896	2,760	3,680	5,513	5,556	8,258
Native white—Native parentage.....	15,430	770	432	230	1,152	956	443	1,021	553	450	467	507
Native white—Foreign or mixed parentage.....	41,114	1,075	968	393	1,351	1,290	1,598	982	1,636	1,049	2,143	2,952
Foreign-born white.....	56,101	976	2,377	1,791	2,123	2,041	2,337	765	1,590	3,108	2,940	4,793
Naturalized.....	20,155	543	755	307	556	500	1,195	357	781	1,292	1,526	2,397
Negro.....	399	26	137	1	128	1	18	40		3	3	2
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>												
Total number 10 years old and over.....	302,302	8,604	8,725	4,842	9,552	8,698	11,615	7,097	9,392	14,802	15,458	23,205
Number illiterate.....	10,765	98	212	1,377	374	891	542	21	174	610	169	717
Illiterate males of voting age.....	5,147	31	79	832	235	539	218	6	98	236	38	334
Total number 6 to 20 years, inclusive.....	109,078	2,361	2,372	1,512	1,937	2,387	3,791	1,235	2,039	5,425	5,593	9,041
Number attending school.....	63,228	1,330	1,232	799	923	1,243	2,200	671	1,807	2,999	3,270	5,664
<b>DWELLINGS AND FAMILIES</b>												
Dwellings, number.....	60,724	1,594	1,396	621	1,338	1,639	2,403	963	2,113	2,631	3,242	4,080
Families, number.....	80,563	2,147	2,201	1,106	2,061	1,970	3,212	1,550	2,626	4,210	4,495	6,133

SUBJECT.	WARD.											
	12	13	14	15	16	17	18	19	20	21	22	23
<b>SEX, COLOR, AND NATIVITY</b>												
Total population, 1910.....	13,528	20,318	32,542	17,233	14,507	15,523	19,602	14,220	26,885	21,074	19,078	12,211
Male.....	7,323	9,984	17,035	8,047	7,227	8,157	8,882	6,982	13,518	10,494	9,504	6,223
Female.....	6,205	10,334	15,507	9,186	7,280	7,366	10,720	7,238	13,367	10,580	9,574	5,988
Native white—Native parentage.....	2,210	3,210	1,614	5,348	5,727	3,999	6,343	3,718	5,310	3,567	5,040	3,438
Native white—Foreign or mixed parentage.....	6,850	11,183	18,262	3,065	5,483	7,634	9,139	7,369	14,490	11,459	9,773	5,977
Foreign-born white.....	4,450	5,918	12,641	3,818	3,294	4,780	4,088	3,123	7,070	6,029	4,265	2,792
Negro.....	12	7	20	2	3	10	22	10	14	17	4	4
Indian and Chinese.....			5						1	2		
<b>FOREIGN-BORN WHITE: Born in—</b>												
Austria.....	712	332	569	450	639	256	209	253	437	304	381	203
Canada.....	65	29	18	130	175	113	197	54	52	39	64	91
Denmark.....	28	31	8	48	29	26	34	20	37	28	17	44
England.....	79	67	10	86	196	229	219	63	48	47	68	118
Germany.....	2,427	4,741	9,245	2,213	911	2,655	2,475	2,489	6,129	5,078	3,412	1,596
Greece.....	2	4	3	3	2	3	40	2				2
Holland.....	10	10	5	39	12	8	13	53	55	9	27	13
Hungary.....	97	43	9	345	690	270	22	18	67	76	55	14
Ireland.....	51	26	11	144	348	77	183	41	16	10	54	82
Italy.....	19	2	5	10	11	283	6		14	10		39
Norway.....	139	16	33	46	52	128	65	27	15	25	35	245
Russia.....	668	491	2,675	110	39	515	415	18	66	257	39	122
Scotland.....	37	10	9	44	62	74	60	21	7	11	16	63
Sweden.....	73	19	5	28	30	44	74	12	33	21	16	81
Switzerland.....	9	62	6	64	20	24	6	33	67	83	42	46
Other foreign countries.....	44	29	25	49	78	75	80	21	25	31	39	80
<b>MALES OF VOTING AGE</b>												
Total number.....	4,258	5,678	8,284	5,236	5,063	4,638	5,146	4,142	7,437	5,705	5,258	3,841
Native white—Native parentage.....	386	493	140	1,059	1,408	524	1,200	611	725	462	733	708
Native white—Foreign or mixed parentage.....	1,441	2,347	1,946	2,364	1,766	1,618	2,067	1,938	3,187	2,284	2,379	1,695
Foreign-born white.....	2,428	2,836	6,183	1,812	1,889	2,695	1,875	1,589	3,510	2,951	2,146	1,437
Naturalized.....	989	1,644	2,086	1,134	593	982	1,111	1,117	2,228	1,729	1,407	800
Negro.....	3	2	10	1		1	4	4	5	6		1
<b>ILLITERACY AND SCHOOL ATTENDANCE</b>												
Total number 10 years old and over.....	10,661	16,203	23,210	14,903	12,763	12,132	15,996	11,640	21,349	16,454	15,001	10,000
Number illiterate.....	612	560	2,041	148	108	719	410	59	145	537	137	98
Illiterate males of voting age.....	324	226	949	40	69	360	166	20	48	211	55	33
Total number 6 to 20 years, inclusive.....	4,089	6,236	11,672	4,364	3,373	4,885	5,910	4,166	8,691	6,912	5,921	3,366
Number attending school.....	2,280	3,556	6,204	2,714	2,089	2,962	3,612	2,495	5,088	4,097	3,732	2,061
<b>DWELLINGS AND FAMILIES</b>												
Dwellings, number.....	2,097	3,435	3,630	3,363	2,415	2,561	3,230	2,552	5,021	3,782	3,376	2,333
Families, number.....	2,755	4,626	5,780	4,098	2,997	3,142	4,134	3,374	6,141	4,683	4,310	2,815

## NOTES REGARDING CHANGES IN BOUNDARIES, ETC.

## COUNTIES.

**ASHLAND.**—Parts taken to form part of Sawyer in 1883 and part of Iron in 1893.

**BURNETT.**—Part taken to form Washburn in 1883.

**CHIPPewa.**—Parts taken to form part of Taylor in 1875, part of Price in 1879, and part of Sawyer in 1883; part taken to form Gates County (now Rusk) in 1901.

**CLARK.**—Part taken to form part of Taylor in 1875.

**FLORENCE.**—Organized from parts of Marinette and Oconto in 1882.

**FOREST.**—Organized from parts of Langlade and Oconto in 1885; part annexed to Oneida between 1890 and 1900 and part annexed to Vilas in 1905.

**IRON.**—Organized from parts of Ashland and Oneida in 1893.

**LANGLADE.**—Organized as New from part of Oconto in 1879; name changed in 1880; part taken to form part of Forest in 1885; part of Lincoln annexed between 1880 and 1890.

**LINCOLN.**—Organized from part of Marathon in 1874; parts taken to form part of Taylor in 1875 and part of Price in 1879; part taken to form Oneida in 1885; part annexed to Langlade between 1880 and 1890.

**MARATHON.**—Parts taken to form Lincoln in 1874 and part of Taylor in 1875.

**MARINETTE.**—Organized from part of Oconto in 1879; part taken to form part of Florence in 1882.

**OCONTO.**—Part of Shawano annexed in 1879; parts taken to form Marinette and New (now Langlade) in 1879, part of Florence in 1882, and part of Forest in 1885.

**ONEIDA.**—Organized from part of Lincoln in 1885; parts taken to form Vilas and part of Iron in 1893; part of Forest annexed between 1890 and 1900 and part of Vilas annexed in 1901.

**PRICE.**—Organized from parts of Chippewa and Lincoln in 1879.

**RUSK.**—Organized as Gates from part of Chippewa in 1901; name changed in 1905.

**SAWYER.**—Organized from parts of Ashland and Chippewa in 1883.

**SHAWANO.**—Part annexed to Oconto in 1879.

**TAYLOR.**—Organized from parts of Chippewa, Clark, Lincoln, and Marathon in 1875.

**VILAS.**—Organized from part of Oneida in 1893; part annexed to Oneida in 1901; part of Forest annexed in 1905.

**WASHBURN.**—Organized from part of Burnett in 1883.

**NOTE 1.**—*Chippewa and Rusk Counties combined.*—Total population: 1910, 43,263; 1900, 33,037; increase, 1900-1910, 10,226; per cent of increase, 31. Urban population—1910, 11,583; same places in 1900, 10,481; per cent of increase, 10.4. Rural population—1910, 31,685; same territory in 1900, 22,556; per cent of increase, 40.5. Urban population—1900, 8,094; rural population—1900, 24,943. Per cent in places of 2,500 or more in 1910, 25.7. Per cent in places of 2,500 or more in 1900, 24.5.

**NOTE 2.**—In computing this increase the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make that total comparable with the total for 1890, which does not include the population of Indian reservations. The population thus deducted in the several counties was as follows: Ashland, 627; Bayfield, 398; Brown, 695; Oconto, 232; Outagamie, 1,009; Sawyer, 873; Shawano, 1,331; and Vilas, 661.

## CITIES.

**KENOSHA.**—Parts of Pleasant Prairie town annexed in 1902, 1906, and 1908, and parts of Somers town annexed in 1901, 1902, 1906, and 1908.

**MADISON.**—Part of Madison town annexed in 1903.

**MARSHFIELD.**—Part taken to form Cameron town in 1903.

**MILWAUKEE.**—Part of Milwaukee town annexed between 1890 and 1900. Parts of Greenfield town annexed in 1903 and 1910, part of Lake town annexed in 1908, part of Milwaukee town annexed in 1910, and parts of Wauwatosa town annexed in 1900, 1902, 1906, 1909, and 1910.

**OSHKOSH.**—Part of Oshkosh town annexed in 1906.

**WASHBURN.**—Incorporated from part of Washburn town in 1904.

**WEST ALLES.**—Incorporated from parts of Greenfield and Wauwatosa towns in 1906.

## CHAPTER 3.

# STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

**Introduction.**—This chapter presents a complete statement of the statistics of agriculture for Wisconsin 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.

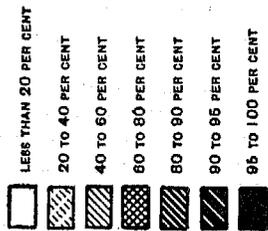
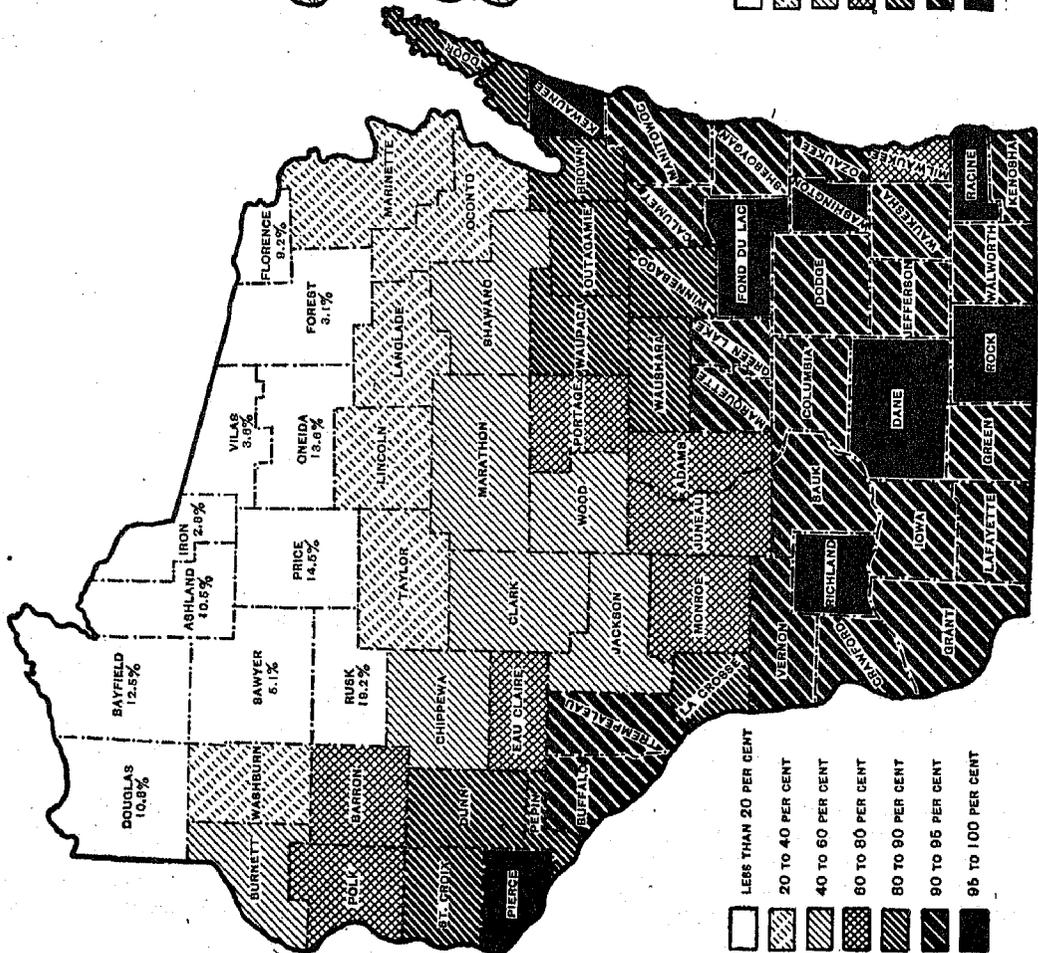
(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession 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 understated, 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 WISCONSIN, BY COUNTIES: 1910.**

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

[Per cent for the state, 59.6.]

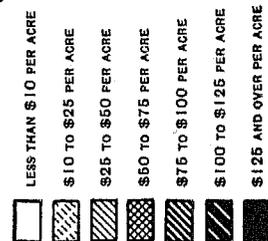
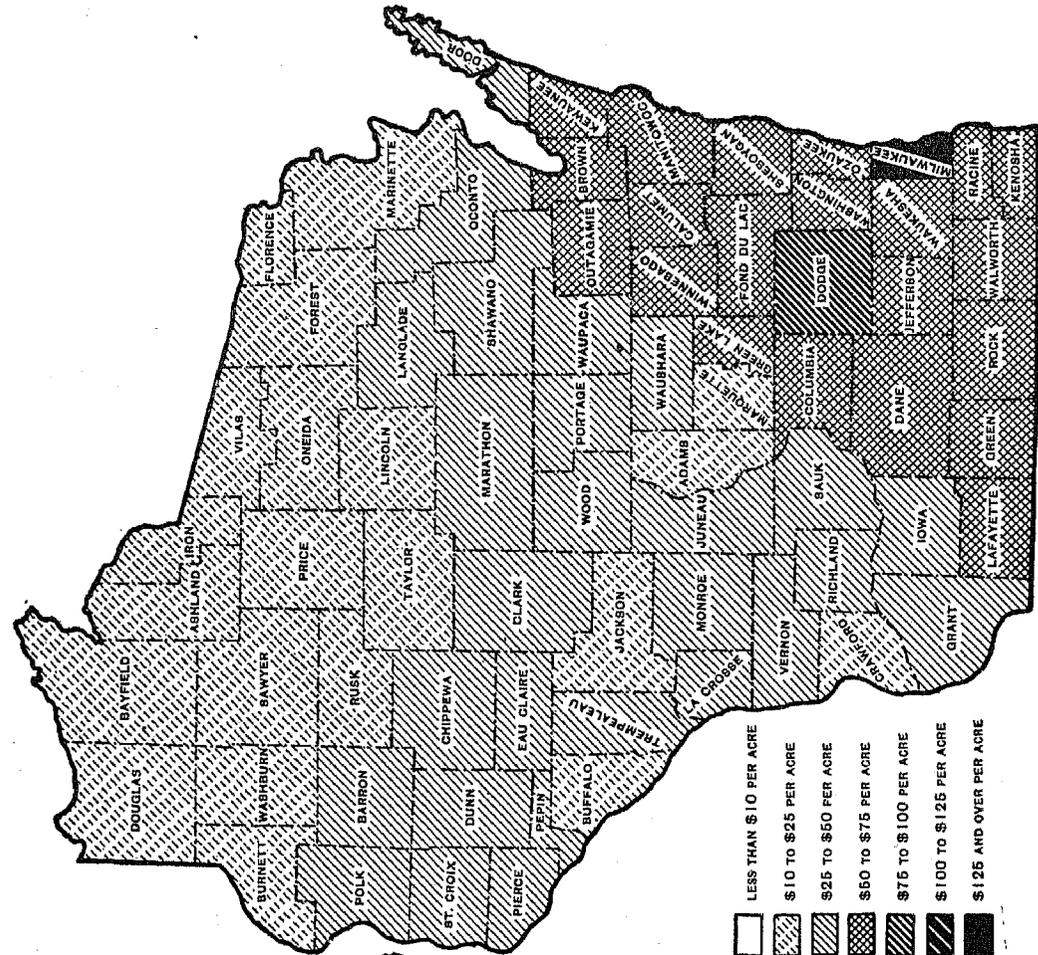
When the per cent of area in farms, when less than 20, is inserted under the county name.



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

[Average for the state, \$43.30.]

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



## FARMS AND FARM PROPERTY.

Wisconsin ranks twenty-fourth in area and thirteenth in population among the states of continental United States. The state occupies a central position in the extreme northern portion of the low plateau which constitutes the northern part of the Mississippi Valley. The lowest elevations in the state are found along the shores of Lakes Michigan and Superior, where the land surface lies at altitudes approximately 600 feet above tide level. From the shore of Lake Michigan the surface of the state rises gently westward and northwestward, attaining altitudes of 1,000 feet above sea level in the central counties and of 1,500 feet or more in the counties immediately south of Lake Superior.

The surface topography of the southwestern portion of the state adjacent to the Mississippi River is somewhat dissected and rough, but the greater part of Wisconsin consists of a rolling to nearly level plateau region of little variation in relief and with a narrow range in altitude. Approximately one-half of the area of the state lies below 1,000 feet above tide, while the greater part of the remainder is included between 1,000 feet and 1,500 feet above the sea. The highest elevations are to be found in the extreme northern part of the state adjacent to the boundary with the northern peninsula of Michigan.

By far the largest portion of the state drains into the Mississippi River, but a small portion in the northern part drains into Lake Superior and a small portion of the eastern section drains into Lake Michigan.

The present surface features and the soils of the greater part of the state owe their origin to the repeated glaciation of all but the extreme southwestern counties. Previous irregularities of surface topography have been equalized, and the present smoother surface of the state has resulted from the glacial erosion of the higher ridges and the partial or complete filling of old depressions by deep deposits of the glacial débris. All classes of rocks from the oldest granites and gneisses to the more recent sandstones and limestones have thus been mingled in the thick coating of glacial till which covers all of the eastern and northern portions of the state to depths varying from 2 or 3 feet to depths of 200 feet. A wide variety of fertile upland soils has thus been given broad distribution over the glaciated portion of the state.

In connection with the actual ice invasion, and particularly with the recession of the ice sheet, deposits of glacial lake sediments were formed along the shores of Lake Superior and Lake Michigan and in the depressions which extend southwestward from the head of Green Bay to the center of Fond du Lac County. These sediments are the fine-grained silts and clays

deposited in the waters of lakes, since naturally drained, and they constitute excellent farm lands.

The southwestern counties of the state escaped glaciation and there is a considerable area within which the soils have been chiefly formed from the underlying sandstones, shale, and limestone rocks through surface weathering. A part of this driftless area, immediately along the eastern bank of the Mississippi River, has been covered by a deposit of wind-blown silt, known as the loess, from which large areas of brown or yellow silty loam soils have been formed.

In the extreme northern portion of the state and around the eastern border of the driftless area there are extensive areas of sandy and sandy loam soils which were deposited from the large streams flowing out from the margin of the ice when the main portion of the state was still glaciated. Similar sandy terraces extend far to the southward along the larger streams in the form of terraces lying at various altitudes above the present stream levels. They usually merge into broad stream terraces and plains, near the Illinois line, occupied by fertile silty loam soils.

Owing to the diversity of processes by which Wisconsin soils have been formed and to the wide range in the characteristics of the original mineral material from which they are directly or indirectly derived there is a great diversity in the soils of the state. Not only do the different main regions differ one from another, but even within the same general district there is a considerable range in the character of the most important soils.

In the glaciated plateau section of eastern and central Wisconsin the uplands are chiefly occupied by loam, silt loam, and clay loam soils, suited to the production of grass and grain. In this region dairying is an important industry, and corn, oats, barley, and rye are the principal grain crops. In central Wisconsin, in addition to the grass and grain, potatoes are extensively grown and clover seed constitutes an important crop. In southern Wisconsin upon the glacial soils, the stream terraces, and even in the driftless area, binder tobacco constitutes an important sale crop.

Associated with the heavier glacial soils there are extensive areas of sandy and sandy loam outwash soils which are coming to be used for general farming purposes and for the growing of potatoes and of clover seed. These are found in the central and northern portion of the state in great abundance. Much of this land, formerly heavily forested, is becoming available for general and special farming as cut-over lands.

The heavy clay loams and clays of the glacial lake soils are successfully farmed for the production of clover, timothy, the small grains, and peas. Along the southern shore of Lake Superior the higher-lying loams and sandy loams are being planted to apple orchards within the belt favorably influenced by the presence of the lake waters.

Many stony ridges and areas of porous sand are to be found in the northern part of the state and these do not constitute agricultural soils. There are also considerable tracts of swampy and mucky land which are being drained for the production of cranberries, and other special crops and which should constitute the basis for the production of celery, onions, and cabbages. The center of cranberry production is, however, still in the central part of the state.

In southwestern Wisconsin the loam and silty loam soils derived from the underlying rocks constitute good general farming soils and some tobacco is also grown. The tobacco area now extends north along the western part of the state as far as Dunn, Chippewa, and Barron Counties. The soils derived from the loess are brown or yellow silty loams well suited to grain and

grass production and also furnishing opportunities for ample orcharding.

The soils of Wisconsin are extremely diverse in their origin, inherent characteristics, and crop adaptations, and are, very generally, well suited for agricultural occupation. Considerable areas of unoccupied land are still available for agricultural uses.

The two maps on the opposite page bring out in a striking manner certain differences between the two parts of the state. One map calls attention to the fact that over 90 per cent of the land area has been converted into farms in all but one of the southern and southeastern counties, while in the northern counties less than 25 per cent of the land area, and in the case of five counties less than 10 per cent, has been so utilized. The relatively low prices of the land in the northern part of the state are shown by the other map, which gives the values per acre of farm land.

**Progress during the decade 1900 to 1910.**—The following table summarizes 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.	
			Amount.	Per cent.
Population .....	2,333,860	2,069,042	264,818	12.8
Number of all farms .....	177,127	169,795	7,332	4.3
Approximate land area of the state.....acres..	35,363,840	35,363,840		
Land in farms.....acres..	21,060,066	19,862,727	1,197,339	6.0
Improved land in farms.....acres..	11,907,606	11,246,972	660,634	5.9
Average acres per farm.....	118.9	117.0	1.9	1.6
Value of farm property:				
Total.....	\$1,413,118,785	\$811,712,319	\$601,406,466	74.1
Land.....	911,938,261	530,542,690	381,395,571	71.9
Buildings.....	289,694,462	155,604,970	134,089,492	86.2
Implements and machinery.....	52,956,579	29,237,010	23,719,569	81.1
Domestic animals, poultry, and bees.....	158,529,483	96,327,649	62,201,834	64.6
Average value of all property per farm.....	\$7,978	\$4,781	\$3,197	66.9
Average value of land per acre.....	\$43.30	\$26.71	\$16.59	62.1

During the 10 years the increase in population slightly exceeded a quarter of a million, and the number of farms increased 7,332. During the same period there was an increase of nearly 1,200,000 acres of farm land, and an increase of more than 660,000 acres in improved land. The increases last mentioned were accompanied, however, by an increase of only 1.9 acres in the average size of farms. It should be noted that during the decade the percentage of increase in population was three times that in the number of farms and twice that in the acres of farm land.

Farm property, which includes land, buildings, implements, machinery, and live stock (domestic animals, poultry, and bees), has increased in value during the decade 74.1 per cent, or more than \$601,000,000. This rate of increase is over twelve times that of farm

acreage. The great increase in the total value of farm property was chiefly due to the advance of \$381,396,000 in the value of land. This increase was associated with an increase of over \$134,000,000 in the value of farm buildings, and nearly \$86,000,000 in that of farm equipment, including implements, machinery, and live stock. Of the increase last mentioned, two-thirds represents a change in the value of domestic animals, poultry, and bees and one-third the increase in the value of implements and machinery. 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 average value of a fully equipped farm in 1900 was slightly less than \$4,800, while 10 years later it was about \$8,000. The average value of land rose

from \$26.71 per acre in 1900 to \$43.30 in 1910, and was accompanied by other changes in the average value of farm implements and of domestic animals, poultry, and bees, notably in that of horses and mules.

**Population, number of farms, and farm acreage: 1850 to 1910.**—The table following gives statistics for the state, by decades, from 1850 to 1910, inclusive. It includes a statement for each census year of the total population, the number of farms, the acres of all farm land and of improved land in farms, the per cent of the land area which is in farms, and the per cent of farm land improved; also the per cent of increase during each decade in the number of farms and land in farms.

CENSUS YEAR.	Population.	FARMS.		LAND IN FARMS.			Per cent of farm land area in farms.	Per cent of farm land improved.
		Number.	Per cent of increase.	All land.		Improved land (acres).		
				Acres.	Per cent of increase.			
1910....	2,333,860	177,127	4.3	21,060,066	6.0	11,907,606	59.6	56.5
1900....	2,069,042	169,795	16.0	19,802,727	18.3	11,246,972	56.2	56.6
1890....	1,693,330	146,409	9.0	16,787,988	9.3	9,793,931	47.5	58.3
1880....	1,315,497	134,322	30.5	15,355,118	31.1	9,162,523	43.4	59.7
1870....	1,054,670	102,904	48.6	11,715,321	48.4	5,899,343	33.1	50.4
1860....	775,881	99,270	243.3	7,893,587	105.2	3,740,167	22.3	47.5
1850....	305,391	20,177	.....	2,976,658	.....	1,045,499	8.4	35.1

The population increased during every decade since 1850, but a smaller increase took place during the decade 1900 to 1910 than for any other, except that from 1870 to 1880.

There was a very rapid increase in the number of farms from 1850 to 1880, the total number increasing 114,145 during the 30-year period. During the 30 years from 1880 to 1910, however, the number increased only 42,805, or an average of 1,427 per year. The average increase during the decade 1900 to 1910 was still smaller, being 733. In fact, in many counties in the southern part of the state the number of farms actually decreased, but this was offset by the opposite movement in the northern part of the state.

The land surface of Wisconsin is approximately 35,363,840 acres. Of this area, 21,060,066 acres, or 59.6 per cent, were included in farms in 1910. The total acreage of farm land increased 6 per cent during the last decade. Of the farm acreage in 1910, 11,907,606 acres, or 56.5 per cent, were reported as improved land, representing 33.7 per cent of the total land area of the state. The improved land increased from 1900 to 1910 by almost exactly the same percentage as the total acreage of farms, the per cent of farm land improved being substantially the same at both census years.

The table given above shows the very rapid increase from 1850 to 1880 in the total farm acreage and in the acreage of improved land. The proportion of the total land area of the state which was occupied by farms rose during this period from 8.4 per cent to 43.4 per

cent, while the improved land increased from 35.1 to 59.7 per cent of the total land in farms. Since 1880 the increase in the acreage of all farm land and of improved land has been much slower. In fact, the proportion of the farm land which was improved was larger in 1880 than at any succeeding census. Since that time a large amount of woodland and other unimproved land has been incorporated in new farms in the northern part of the state.

**Values of farm property: 1850 to 1910.**—The agricultural progress of Wisconsin since 1850, as reflected in the values of the several classes of farm property, is 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 increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910....	\$1,413,118,785	74.1	\$1,201,632,723	75.1	\$52,956,579	81.1	\$158,529,483	64.6
1900....	811,712,319	44.8	686,147,660	43.7	29,237,010	52.5	96,327,649	51.0
1890....	560,475,894	33.5	477,524,507	33.5	19,107,010	22.5	63,784,377	37.1
1880....	419,865,346	45.8	357,709,507	48.8	15,647,196	37.4	46,508,643	28.3
1870....	287,971,447	86.2	240,331,251	83.3	11,391,491	97.8	36,248,705	103.6
1860....	154,683,386	341.1	131,117,164	359.6	5,768,847	250.8	17,807,375	203.6
1850....	35,067,516	.....	28,528,563	.....	1,641,568	.....	4,897,385	.....

<sup>1</sup> Computed gold values, being 80 per cent of the currency values reported.

In 1910 the total wealth in the form of farm property was \$1,413,119,000, of which 85 per cent was represented by land and buildings, 3.7 per cent by implements and machinery, and 11.2 per cent by domestic animals, poultry, and bees. The gain (74.1 per cent) in the total value from 1900 to 1910 was a greater relative increase than has taken place in any other decade since 1870, while the actual amount of the gain (\$601,406,000) is more than double the greatest increase reported for any previous decade. Of the total increase during the past decade, \$515,485,000 represents the increase in the value of land and buildings, \$23,720,000 the increase in implements and machinery, and \$62,202,000 the increase in domestic animals, poultry, and bees.

**Average acres and values per farm: 1850 to 1910.**—The changes which have taken place during the past 60 years in the average acreage of Wisconsin farms and 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.....	118.9	\$7,978	\$6,784	\$299	\$895	\$7.06
1900.....	117.0	4,781	4,041	172	567	34.54
1890.....	114.7	3,828	3,262	131	436	28.44
1880.....	114.3	3,126	2,663	116	346	23.30
1870 <sup>2</sup> .....	113.8	2,798	2,335	111	352	20.51
1860.....	114.0	2,233	1,893	83	257	16.61
1850.....	147.5	1,738	1,414	81	243	9.58

<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 Wisconsin farm has shown marked uniformity for the 50 years since 1860, the increase during that time being nearly 5 acres. The average size was much larger in 1850 than it has been since that date. There was a pronounced decrease between 1850 and 1860, followed by a slight decrease during the next 10 years, since which time there has been a small, steady increase. Between 1900 and 1910 there was an increase of approximately 2 acres.

As previously noted, the average value of the Wisconsin farm, including its equipment, has grown during the last decade from a little less than \$4,800 to approximately \$8,000. Of this \$8,000, almost \$6,800 is in the form of land and buildings, about \$900 in domestic animals, poultry, and bees, and \$300 in implements and machinery. The average value has increased continuously since 1850. The value of land and buildings has increased \$22.52 per acre during the last decade, a greater amount than for any preceding 20 years. The value of implements and machinery and of domestic animals, poultry, and bees per farm is nearly four times as great as 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 .....	177,127	169,795	146,409	134,322
<b>Farms operated by owners and managers.....</b>	<b>152,473</b>	<b>146,799</b>	<b>129,681</b>	<b>122,163</b>
Farms consisting of owned land only .....	140,528	137,675	( <sup>1</sup> )	( <sup>1</sup> )
Farms consisting of owned and hired land.....	10,494	7,733	( <sup>1</sup> )	( <sup>1</sup> )
Farms operated by managers.....	1,451	1,391	( <sup>1</sup> )	( <sup>1</sup> )
<b>Farms operated by tenants.....</b>	<b>24,654</b>	<b>22,996</b>	<b>16,728</b>	<b>12,159</b>
Share tenants.....	11,238	12,747	9,510	8,440
Share-cash tenants <sup>2</sup> .....	658			
Cash tenants.....	10,629	10,249	7,209	3,719
Tenure not specified <sup>3</sup> .....	2,129			
<b>Per cent of farms operated by—</b>				
Owners and managers.....	86.1	86.5	88.6	90.9
Tenants.....	13.9	13.5	11.4	9.1
Share and share-cash.....	6.7	7.5	6.5	6.3
Cash and nonspecified.....	7.2	6.0	4.9	2.8

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

It is significant that of the total increase (7,332) in the number of farms during the decade (1900-1910), there was an increase of 5,674 in the class of owners and managers, and 1,658 in the class of tenants.

In 1880 nine out of each hundred farms were operated by tenants. Tenancy has been gaining on ownership for 30 years, until in 1910 fourteen out of each hundred farms were so operated, but during the decade (1900-1910) the increase in tenancy was slight.

Throughout the 30-year period cash tenancy has been gaining slowly on share tenancy, and now (1910) for the first time exceeds it. The farms rented for cash in 1910 represented 7.2 per cent of the total, and those for a share 6.7 per cent. An actual decrease has occurred during the last decade in the number of farms operated by share tenants.

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
<b>Total.....</b>	<b>21,080,066</b>	<b>19,862,727</b>	<b>11,907,606</b>	<b>11,246,972</b>	<b>\$1,201,632,723</b>	<b>\$886,147,660</b>
Owners.....	17,369,156	16,614,181	9,626,706	9,155,914	952,917,179	543,455,270
Managers.....	356,133	331,343	155,152	152,240	24,605,725	14,230,640
Tenants.....	3,335,777	2,917,203	2,125,748	1,938,818	224,109,819	128,461,750

The following table shows the per cent distribution by tenure groups of the items presented 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
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	85.3	85.6	82.5	83.6	80.8	81.4	79.3	79.2
Managers.....	0.8	0.8	1.7	1.7	1.3	1.4	2.0	2.1
Tenants.....	13.9	13.5	15.8	14.7	17.9	17.2	18.7	18.7

It will be seen that, in 1910, 82.5 per cent of all land in farms was in farms operated by their owners (including part owners), 1.7 per cent in farms operated by managers, and 15.8 per cent in farms operated by tenants, the percentage in farms operated by owners showing a decrease and that in tenant farms an increase as compared with 1900, while the percentage in farms operated by managers remained the same.

As shown by the table below, the average size of farms operated by managers in 1910 (244.8 acres) was much greater than that of farms operated by tenants (135.3 acres), which was in turn larger than that of farms operated by owners (115 acres). The average size of farms in each class increased between 1900 and 1910, the greatest increase being that in tenant farms. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for farms 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.		1910	1900	Per farm.		Per acre.	
	1910	1900	1910	1900			1910	1900	1910	1900
<b>Total.....</b>	<b>118.9</b>	<b>117.0</b>	<b>67.2</b>	<b>66.2</b>	<b>56.5</b>	<b>56.6</b>	<b>\$6,784</b>	<b>\$4,041</b>	<b>\$57.06</b>	<b>\$34.54</b>
Owners.....	115.0	114.3	63.7	63.0	55.4	55.1	6,310	3,737	54.86	32.71
Managers.....	244.8	233.2	106.9	109.4	43.7	45.9	16,958	10,231	69.29	42.95
Tenants.....	135.3	126.9	86.2	84.3	63.7	66.5	9,090	5,586	67.13	44.04

**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	151,022		145,996		128,913	
Free from mortgage	72,941	48.6	77,490	54.2	73,071	57.1
Mortgaged	77,129	51.4	65,589	45.8	55,242	42.9
Unknown	952		2,917			

<sup>1</sup> Includes all farms owned in whole or in part by the operator.  
<sup>2</sup> The 2,376 "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."

According to the foregoing figures the relative number of farm homes or farms operated by their owners which are mortgaged has increased quite regularly since 1890. From 1890 to 1910 the number increased 21,887, or 39.6 per cent. During the same time the increase in the total number of farms in the state was 21 per cent.

In 1910 mortgage indebtedness was reported for 77,129 farms, though for a considerable number of these the amount of the debt was not stated. Of the total number (77,129) reporting debt, only 69,398 reported the amount of the debt together with the value of the farms. In this connection it should be noted that in 1890 there were many imperfect mortgage reports. At that time the amount of mortgage debt for farms without full reports was estimated according to the percentages and averages obtained from those with complete reports. No such estimate is here made for 1910.

The next table gives a comparative statement of the value of mortgaged farms operated by their owners, and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. No attempt was made to secure such information in 1900.

During the 20 years (1890-1910) covered by the following table the average per farm of value, debt, and owner's equity all more than doubled. This was

an increase of about \$3,100 in value, of \$1,100 in debt, and of \$2,000 in the equity. The mortgage indebtedness was just one-third the value of the farms in 1890, while the proportion was 1 per cent greater in 1910.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 <sup>1</sup>	1890 <sup>2</sup>	Amount.	Per cent.
Number	69,398	55,242		
Value—Land and buildings	\$427,522,421	\$166,012,988		
Amount of mortgage debt	\$146,815,313	\$55,304,686		
Per cent of debt to value	34.3	33.3		
Average value per farm	\$6,160	\$3,005	\$3,155	105.0
Average debt per farm	\$2,116	\$1,001	\$1,115	111.4
Average equity per farm	\$4,044	\$2,004	\$2,040	101.8

<sup>1</sup> Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.  
<sup>2</sup> Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

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
	Total	177,127	169,795	7,332	4.3	100.0
Under 3 acres	273	948	-675	-71.2	0.2	0.6
3 to 9 acres	5,491	4,264	1,227	28.8	3.1	2.5
10 to 19 acres	4,883	4,316	567	13.1	2.8	2.5
20 to 49 acres	23,460	25,479	-2,019	-7.9	13.2	15.0
50 to 99 acres	54,007	52,590	1,417	2.7	30.5	31.0
100 to 174 acres	58,439	54,232	4,207	7.8	33.0	31.9
175 to 259 acres	20,196	18,171	2,025	11.1	11.4	10.7
260 to 499 acres	9,271	8,659	612	7.1	5.2	5.1
500 to 999 acres	966	991	-25	-2.5	0.5	0.6
1,000 acres and over	141	145	-4	-2.8	0.1	0.1

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

Attention is called to the fact that nearly two-thirds of all the farms in Wisconsin are between 50 and 175 acres in size. A comparison of the distribution of farms by size groups discloses the fact that the greatest relative gain in number from 1900 to 1910 was made in the "3 to 9 acres" group, though the greatest actual increase was in the "100 to 174 acres" group. The number of places "under 3 acres," where some agriculture is carried on, is reported as less than 10 years ago. This reduction may be due to a different interpretation by the enumerators as to what to include as a small farm, or may represent an actual decrease in that type of farm. Farms containing from "20 to 49 acres" have fallen off 2,019, or 7.9 per cent. The farms which fall between 50 to 499 acres, and which include the 80-acre, quarter, half, and three-quarter section farms, have increased 8,261, or 6.2 per cent. Farms which exceed 500 acres in size have fallen off 29, or 2.6 per cent.

The next 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

10,647), and also the farms of between 175 and 499 acres (numbering 29,467).

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
	Total.....	21,060,066	19,862,727	11,907,606	11,246,972	\$1,201,632,723
Under 20.....	93,289	84,753	78,135	72,405	29,398,801	16,843,830
20 to 49.....	858,979	947,329	516,151	583,401	67,753,125	46,376,040
50 to 99.....	4,150,877	4,037,908	2,511,749	2,453,868	272,697,539	161,244,040
100 to 174.....	7,816,985	7,284,121	4,580,592	4,190,360	445,978,819	249,216,570
175 to 499.....	7,257,793	6,640,618	3,954,071	3,630,014	357,177,307	196,215,700
500 to 999.....	598,003	603,181	243,896	263,830	22,494,803	13,156,420
1,000 and over.....	283,440	264,817	43,012	53,033	6,132,329	3,094,460

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
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	6.0	5.6	0.4	0.4	0.7	0.6	2.4	2.5
20 to 49 acres.....	13.2	15.0	4.1	4.8	4.3	5.2	5.6	6.8
50 to 99 acres.....	30.5	31.0	19.7	20.3	21.1	21.8	22.7	23.5
100 to 174 acres.....	33.0	31.9	37.1	36.7	38.3	37.3	37.1	36.3
175 to 499 acres.....	16.6	15.8	34.5	33.4	33.2	32.3	29.7	28.6
500 to 999 acres.....	0.5	0.6	2.8	3.0	2.0	2.3	1.9	1.9
1,000 acres and over.....	0.1	0.1	1.3	1.3	0.4	0.5	0.5	0.5

Of the total farm acreage of the state in 1910, 37.1 per cent was in farms of 100 to 174 acres, and 34.5 per cent in farms of 175 to 499 acres, these two being from the standpoint of aggregate acreage the most important size groups. The proportion of the total acreage which was in farms of these two groups increased slightly between 1900 and 1910, while the proportion in smaller and in larger farms decreased slightly, except that in the smallest farms, those of under 20 acres, and in the largest, those of 1,000 acres and over, the proportion remained the same.

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 acreages on small than on large farms, the average value of land and buildings per acre of land also 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.

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,

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900
Total.....	56.5	56.6	\$6,784	\$4,041	\$57.06	\$34.54
Under 20 acres.....	83.8	85.5	2,761	1,768	315.14	198.74
20 to 49 acres.....	60.1	61.6	2,888	1,820	73.88	48.96
50 to 99 acres.....	60.5	60.8	5,049	3,066	65.69	39.93
100 to 174 acres.....	58.3	57.5	7,632	4,595	57.05	34.21
175 to 499 acres.....	54.5	54.7	12,121	7,313	49.21	29.55
500 to 999 acres.....	40.7	43.7	23,287	13,276	37.58	21.81
1,000 acres and over.....	15.2	20.0	43,492	21,341	21.64	11.69

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made in the census of agriculture to secure detailed information concerning the nativity of farmers. The table which follows shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Owners.	Tenants.	Managers.
Total.....	177,127	100.0	151,022	24,654	1,451	85.6	13.9	0.8
Native white.....	107,180	60.5	87,094	19,013	1,073	81.2	17.7	1.0
Foreign-born white.....	69,356	39.2	63,379	5,603	374	91.4	8.1	0.5
Negro and other nonwhite.....	591	0.3	549	38	4	92.9	6.4	0.7

About three-fifths of Wisconsin farm operators were native whites and two-fifths foreign-born whites.

Only 591, or three-tenths of 1 per cent of all farmers, were other than whites in 1910. Of these, 541 were Indians; 48, negroes; 1, Japanese; and 1, Chinese. In 1900 there were reported 462 Indians not on reservations and 58 negroes.

It is significant that only 8.1 per cent of the foreign-born whites were tenants, whereas 17.7 per cent of the native whites were in this class.

Of the 69,356 foreign-born white farmers in Wisconsin in 1910, 30,479 were born in Germany; 11,485 in Norway; 5,053 in Sweden; 4,427 in Austria; 3,260 in Denmark; 2,822 in Canada; 2,290 reported their country of birth as Poland, without specifying whether it was Austrian, German, or Russian Poland; 1,704 were born in Ireland; 1,578 in England; 1,332 in Holland; and 1,274 in Switzerland. Other European countries were represented by a total of 3,557 farmers, and non-European countries, other than Canada, by 95.

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.

The following table summarizes the statistics of domestic animals 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.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	171,023	96.6	.....	\$153,700,250	.....
<b>Cattle.....</b>	<b>165,600</b>	<b>93.5</b>	<b>2,680,074</b>	<b>67,475,224</b>	<b>\$25.18</b>
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	164,550	92.9	1,473,505	50,910,735	34.55
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	51,808	29.3	173,152	3,934,437	22.72
Heifers born in 1909.....	111,573	63.0	351,124	4,897,597	13.95
Calves born after Jan. 1, 1910.....	113,691	64.2	449,489	2,677,251	5.96
Steers and bulls born in 1909.....	53,636	30.3	138,289	2,053,180	14.85
Steers and bulls born before Jan. 1, 1909.....	39,654	22.4	94,515	3,002,024	31.76
<b>Horses.....</b>	<b>160,577</b>	<b>90.7</b>	<b>614,654</b>	<b>68,585,505</b>	<b>111.58</b>
Mares, stallions, and geldings born before Jan. 1, 1909.....	160,200	90.4	562,220	65,460,549	116.43
Colts born in 1909.....	35,482	20.0	46,437	2,927,926	63.05
Colts born after Jan. 1, 1910.....	5,290	3.0	5,997	197,030	32.85
<b>Mules.....</b>	<b>1,545</b>	<b>0.9</b>	<b>2,872</b>	<b>316,066</b>	<b>110.05</b>
Mules born before Jan. 1, 1909.....	1,388	0.8	2,599	299,031	115.06
Mule colts born in 1909.....	196	0.1	246	16,195	65.83
Mule colts born after Jan. 1, 1910.....	22	( <sup>1</sup> )	27	840	31.11
<b>Asses and burros.....</b>	<b>119</b>	<b>0.1</b>	<b>196</b>	<b>13,795</b>	<b>70.38</b>
<b>Swine.....</b>	<b>125,171</b>	<b>70.7</b>	<b>1,809,331</b>	<b>13,620,741</b>	<b>7.53</b>
Hogs and pigs born before Jan. 1, 1910.....	119,222	67.3	894,929	11,510,224	12.86
Pigs born after Jan. 1, 1910.....	60,349	34.1	914,402	2,110,517	2.31
<b>Sheep.....</b>	<b>30,040</b>	<b>17.0</b>	<b>929,783</b>	<b>3,669,652</b>	<b>3.95</b>
Ewes born before Jan. 1, 1910.....	29,234	16.5	538,628	2,932,554	5.07
Rams and wethers born before Jan. 1, 1910.....	11,459	6.5	39,911	219,932	5.51
Lambs born after Jan. 1, 1910.....	21,153	11.9	301,244	467,166	1.55
<b>Goats.....</b>	<b>863</b>	<b>0.5</b>	<b>4,875</b>	<b>19,267</b>	<b>3.95</b>

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

Of all the farms in the state, 93.5 per cent reported cattle of some sort, 92.9 per cent "dairy cows," and only 29.3 per cent "other cows." Thus less than 1 per cent of the farms had cattle without having dairy cows.

The farms reporting dairy cows show an average of 9 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 623,343 to 449,489, and the average value decreasing from \$6.59 to \$5.96. On the other hand, the number of all cows materially

increased during the decade, while the average value of dairy cows increased from \$29.69 to \$34.55.

Horses were reported by 90.7 per cent of all farms in the state, but only 20 per cent reported colts born in 1909, and 3 per cent reported spring colts. The average value of spring colts was about one-half that of yearling colts, and the yearlings were worth slightly more than one-half as much as mature horses, which averaged \$116.43 in value.

Less than one farm out of every hundred reported mules, mule colts, asses, or burros. The average value of mules of the different ages was almost exactly the same as for horses of the same age groups.

Sheep and lambs were reported from 30,040 farms, or 17 per cent of all farms in the state. Of the farms reporting sheep and lambs, 70.4 per cent reported spring lambs, the number of the latter being equal to 51.2 per cent of the number of ewes; this comparatively small proportion was doubtless due to the early date of enumeration. Ewes were reported on all but 806 of the farms reporting sheep, and for the farms reporting the average was 20 ewes per farm. Those reporting rams and wethers showed an average of over 3 per farm.

Of all farms, 70.7 per cent reported swine, and showed an average of 14 per farm. The average value of mature pigs and hogs was nearly \$13, while spring pigs were reported at about one-sixth of this amount.

Poultry on farms: 1910 and 1900.—The following table gives the number 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.....	163,107	92.1	9,433,110	\$4,468,703	8,447,544
Chickens.....	163,043	92.0	9,142,719	4,180,712	8,097,399
Turkeys.....	15,764	8.9	65,020	109,665	155,121
Ducks.....	16,434	9.3	61,180	42,392	92,800
Geese.....	25,287	14.3	93,782	121,341	102,224
Guinea fowls.....	2,756	1.6	10,595	4,833	( <sup>1</sup> )
Pigeons.....	3,380	1.9	59,777	9,655	( <sup>2</sup> )
Peafowls.....	21	( <sup>3</sup> )	87	105	( <sup>3</sup> )

<sup>1</sup> Included with chickens. <sup>2</sup> Not reported. <sup>3</sup> Less than one-tenth of 1 per cent.

The increase reported in the number of fowls on Wisconsin farms during the 10 years from 1900 to 1910 amounted to 11.7 per cent, but the increase in value was 85.4 per cent. The number of farms reporting poultry increased from 156,171 to 163,107, and the average number of fowls per farm reporting from 54 to 58. The value of poultry and 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 decreased from 10,535 in 1900 to 10,391 in 1910, or 1.4 per cent. The colonies of bees reported decreased from 106,090 to 95,638, or 9.9 per cent, and their value from \$377,105 to \$360,530, or

4.4 per cent. The decrease in the number of colonies and value of bees was greater relatively than that in the number of farms reporting bees. Less than six farms in every hundred reported 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 table below 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.
<b>Total</b> .....	56,415		\$13,087,159	
All cattle.....	24,189	42,015	1,357,510	\$52.31
Dairy cows.....	23,739	31,421	1,217,115	38.74
Horses.....	42,019	80,452	11,474,828	128.28
Mules.....	267	845	127,594	151.00
Asses and burros.....	55	66	4,011	60.77
Swine.....	3,575	10,856	104,066	9.59
Sheep.....	141	3,449	16,129	4.68
Goats.....	401	675	3,012	4.46

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, about three-fourths of which are 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.
<b>Total</b> .....		\$166,787,409		\$153,700,250		\$13,087,159
All cattle.....	2,722,089	68,832,743	2,680,074	67,475,224	42,015	1,357,510
Dairy cows.....	1,504,926	52,127,850	1,473,505	50,910,735	31,421	1,217,115
Horses.....	704,106	80,060,333	614,654	68,585,505	89,452	11,474,828
Mules.....	3,717	443,660	2,872	316,066	845	127,594
Asses and burros.....	262	17,806	196	18,795	66	4,011
Swine.....	1,820,187	13,724,807	1,809,331	13,620,741	10,856	104,066
Sheep.....	933,232	3,685,781	929,783	3,669,652	3,449	16,129
Goats.....	5,560	22,279	4,875	19,267	675	3,012

The total value of all domestic animals in the state in 1910 was \$166,787,000, of which the value of animals not on farms represented 7.8 per cent.

**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 number of farms reporting dairy cows on April 15, 1910, was 164,550, but only 155,150 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 109,262 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 1,013,000. The amount of milk reported was 458,328,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 453 gallons per cow. In considering this average, how-

ever, 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.

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.....	164,550	92.9	1,473,505	Head.		
On farms reporting dairy products in 1909.....	155,150	87.6	1,427,801	Head.		
On farms reporting milk produced in 1909.....	109,262	61.7	1,012,703	Head.		
Specified dairy products, 1909:						
Milk reported.....			458,327,649	Gals.		
Butter made.....	70,918	40.0	27,200,509	Lbs.	\$7,101,237	\$0.26
Cheese made.....	413	0.2	841,262	Lbs.	105,789	0.13
Milk sold.....	58,693	33.1	297,251,969	Gals.	28,640,661	0.10
Cream sold.....	14,676	8.2	7,142,970	Gals.	4,548,159	0.64
Butter fat sold.....	45,341	25.0	48,248,940	Lbs.	13,472,182	0.28
Butter sold.....	33,987	19.2	16,737,895	Lbs.	4,473,198	0.27
Cheese sold.....	334	0.2	821,426	Lbs.	104,199	0.13
Total receipts from sales, 1909.....					51,238,399	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					53,868,028	
Specified dairy products, 1899:						
Butter made.....	105,772	62.3	44,739,147	Lbs.		
Cheese made.....	938	0.6	1,635,618	Lbs.		
Butter sold.....			26,931,757	Lbs.	4,508,775	0.17
Cheese sold.....			1,558,375	Lbs.	135,938	0.09

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 \$53,868,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About two-thirds of the milk produced in Wisconsin in 1909 was sold as such. A large quantity of milk and cream was sold on the butter fat basis. The butter made on farms in 1909 was valued at \$7,101,000.

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 still greater relative decrease in the production of cheese.

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

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms Apr. 15, 1910 .....	30,290	628,530			
Wool produced, as reported, 1909 .....	24,820		587,035	4,261,995	\$1,149,978
On farms reporting sheep Apr. 15, 1910 .....	23,615	537,181	550,705	4,007,008	1,083,085
On other farms .....	1,205		36,330	254,987	66,893
Total production of wool (partly estimated):					
1909 .....			644,368	4,688,477	1,267,285
1899 .....			1,005,006	7,224,733	1,461,279
Decrease, 1899 to 1909 .....			360,638	2,536,256	193,994
Per cent of decrease .....			35.0	35.1	13.3

The total number of sheep of shearing age in Wisconsin on April 15, 1910, was 629,000, representing a decrease of 36.3 per cent as compared with the number on June 1, 1900 (986,000). The approximate production of wool during 1909 was 644,000 fleeces, weighing 4,688,000 pounds, and valued at \$1,267,000. Of these totals about 9 per cent represents estimates.

<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, 6,675 farmers who reported the possession of 91,358 sheep of shearing age on April 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 April 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 April 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.

The number of fleeces produced in 1909 was 35.9 per cent less than in 1899. The average weight per fleece in 1909 was 7.3 pounds, as compared with 7.2 pounds in 1899, and the average value per pound was 27 cents, as compared with 20 cents in 1899.

**Goat hair and mohair: 1909 and 1899.**—Although 863 farmers reported 4,875 goats and kids on their farms April 15, 1910, only 111 reported the production of goat hair or mohair during 1909. These farmers reported 1,104 fleeces, weighing 4,133 pounds and valued at \$1,082. Although the production is still unimportant, some increase is shown over that in 1899. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

**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 Apr. 15, 1910 .....	163,107	9,433,110		
On farms reporting eggs produced in 1909 .....	151,252	9,002,736		
On other farms .....	11,855	430,374		
Eggs produced, as reported, 1909 .....	152,909		48,241,082	\$9,078,383
Total production of eggs (partly estimated):				
1909 .....			50,623,813	9,526,784
1899 .....			46,249,580	4,854,020
Increase, 1899 to 1909 .....			4,374,233	4,672,764
Per cent of increase .....			9.5	96.3
Eggs sold, as reported, 1909 .....	134,215		32,268,836	6,066,971
Fowls on farms Apr. 15, 1910:				
On farms reporting poultry raised in 1909 .....	142,560	8,727,482		
On other farms .....	20,547	705,628		
Poultry raised, as reported, 1909 .....	144,508		No. of fowls.	
Total poultry raised (partly estimated):			9,959,694	4,305,541
1909 .....			10,764,948	4,653,649
1899 .....				3,398,427
Increase, 1899 to 1909 .....				1,255,222
Per cent of increase .....				36.9
Fowls sold, as reported, 1909 .....	90,097		3,859,884	1,945,786

The total number of fowls on Wisconsin farms on April 15, 1910, was 9,433,000. Of the 163,107 farms reporting fowls, 11,855 did not report any eggs produced in 1909, and 20,547 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 48,241,000 dozens, valued at \$9,078,000. According to the Twelfth Census reports, the production of eggs in 1899 was 46,250,000 dozens, the value being \$4,854,000. 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 50,624,000 dozens, valued at \$9,527,000. The total production

of poultry in 1909, including estimates made on the same basis as for eggs, was 10,765,000 fowls, valued at \$4,654,000.

**Honey and wax: 1909.**—Although, as noted elsewhere, 10,391 farms reported 95,638 colonies of bees on hand April 15, 1910, 3,535 of these farms, with 13,195 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 2,153,819 pounds of honey, valued at \$223,606, and 55,402 pounds of wax, valued at \$12,117; the true totals are doubtless somewhat above these figures.

**Sale or slaughter of domestic animals on farms: 1909 and 1899.**—The total value of domestic animals sold during 1909 was \$42,242,000, and that of animals slaughtered on farms \$7,563,000, making an aggregate of \$49,805,000. 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 swine sold during 1909 represented somewhat less than one-half of the total value of animals sold, and the value of the cattle (including calves) sold was somewhat less than that of swine.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$27,132,000 and \$5,407,000. 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.

The following statement presents statistics relating to the sale or slaughter of domestic animals by Wisconsin farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
<b>1909—All domestic animals:</b>					
Sold				\$42,241,870	
Slaughtered				7,562,766	
<b>Calves:</b>					
Sold	100,723	56.9	647,915	3,958,610	\$6.11
Slaughtered	28,716	16.2	93,167	537,698	5.77
<b>Other cattle:</b>					
Sold	90,924	51.3	417,796	13,054,474	31.25
Slaughtered	33,169	18.7	51,040	1,196,357	23.44
<b>Horses:</b>					
Sold	25,269	14.3	43,656	5,222,657	119.63
<b>Mules:</b>					
Sold	176	0.1	314	36,260	115.48
<b>Asses and burros:</b>					
Sold	14	(1)	28	2,274	81.21
<b>Swine:</b>					
Sold	88,056	49.7	1,389,717	18,052,991	12.99
Slaughtered	118,436	66.9	386,243	5,762,069	14.92
<b>Sheep:</b>					
Sold	16,139	9.1	397,284	1,910,100	4.81
Slaughtered	5,437	3.1	15,116	66,108	4.37
<b>Goats:</b>					
Sold	137	0.1	1,274	4,504	3.54
Slaughtered	38	(1)	147	534	3.63
<b>1899—All domestic animals:</b>					
Sold <sup>2</sup>				27,131,916	
Slaughtered				5,407,114	

<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.

**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>		Percent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops							\$148,359,216	\$88,142,349	\$60,216,867	68.3	100.0	100.0
<b>Crops with acreage reports</b>	8,555,080	8,214,711	340,369	4.1	71.8	73.0	134,901,875	81,263,632	53,638,243	66.0	90.9	92.2
Cereals	4,951,066	5,376,944	-425,878	-7.9	41.6	47.8	73,141,019	48,598,728	24,546,191	50.5	49.3	55.1
Other grains and seeds	102,085	83,071	19,014	9.7	0.0	0.8	2,078,789	1,174,058	904,731	77.1	1.4	1.5
Hay and forage	3,079,102	2,397,952	681,150	28.4	25.9	21.3	40,896,396	19,267,709	21,598,687	112.1	27.5	21.9
Tobacco	40,458	35,830	4,628	11.6	0.3	0.3	3,855,033	2,898,081	956,942	33.0	2.6	3.3
Sugar crops	14,660	2,433	12,227	502.5	0.1	0.3	751,811	24,302	680,480	1,049.9	0.5	0.1
Sundry minor crops	85	619	-534	-86.3	(*)	(*)	35,808	24,302	12,506	51.5	(*)	(*)
Potatoes and sweet potatoes and yams	290,189	256,935	33,254	12.9	2.4	2.3	7,917,951	5,826,651	2,091,300	35.9	5.3	6.6
Other vegetables	70,123	39,578	30,545	77.2	0.6	0.4	4,593,865	2,220,634	2,373,231	108.9	3.1	2.5
Flowers and plants and nursery products	1,007	930	77	8.3	(*)	(*)	893,866	355,950	537,907	151.1	0.6	0.4
Small fruits	6,305	12,389	-6,084	-40.1	0.1	0.1	765,437	836,119	-69,682	-8.3	0.5	0.0
<b>Crops with no acreage reports</b>							13,457,341	6,878,717	6,578,624	95.6	9.1	7.8
Seeds							1,541,984	462,066	1,079,918	233.7	1.0	0.5
Fruits and nuts							2,130,935	* 284,024	1,846,911	650.3	1.4	0.3
Maple sugar and sirup							150,038	6,878	143,160	2,081.4	0.1	(*)
Forest products of farms							9,559,428	6,116,033	3,443,395	56.3	6.4	6.9
Miscellaneous							74,956	9,716	65,240	671.5	0.1	(*)

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

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

\* Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$148,359,000. Of this amount 90.9 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 8,555,080, representing 71.8 per cent of the total improved land in farms (11,907,606 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 Wisconsin agriculture is indicated by the fact that about one-half (49.3 per cent) of the total value of crops in 1909 was contributed by the cereals, and more than one-quarter (27.5 per cent) by hay and forage. The remainder, representing in value 23.2 per cent of the total, consisted mostly of potatoes and other vegetables, of forest products, and of tobacco.

The total value of crops in 1909 was 68.3 per cent greater than in 1899, this increase being due in large measure to higher prices. There was an increase of 4.1 per cent in the total acreage of crops for which acreage was reported, the greatest absolute increases being those in the acreage of hay and forage and of vegetables, while the acreage of cereals showed a decided decrease.

**General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.**—The leading crops covered by the next table, in the order of their importance as judged by value, are hay and forage, \$40,866,000; oats, \$28,663,000; corn, \$25,728,000; barley, \$12,682,000; potatoes, \$7,918,000; tobacco, \$3,855,000; rye, \$3,164,000; and wheat, \$2,592,000. It should be noted, however, that vegetables, exclusive of potatoes and sweet potatoes and yams, and forest products of farms, statistics for which are shown elsewhere, are more important than several of the crops shown above.

Winter and spring wheat were grown by approximately the same number of farmers, with nearly the same acreage and yield. Durum or macaroni wheat has made little headway. Flaxseed has ceased to be a crop of much consequence in Wisconsin so far as extent of cultivation is concerned. In the case of certain crops the acreages are omitted on account of uncertainties in the reports; the reports of yields are, however, reliable. Among the hay and forage crops timothy and clover mixed predominated.

It will be noticed that some effort has been made to grow a large number of miscellaneous crops, and in many cases with fair success in yield and value. None of these crops, however, has as yet become of any appreciable importance, unless it be alfalfa, which yielded over \$30 per acre and was raised on about one farm in forty.

The following table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, tobacco, and sundry minor crops:

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total</b> .....		4,951,066	150,584,600	Bu.	\$73,141,919
Corn	129,335	1,457,652	40,193,034	Bu.	25,727,654
Oats	130,688	2,164,570	71,349,038	Bu.	28,663,267
Wheat, total	31,721	140,369	2,641,476	Bu.	2,591,954
Common winter	14,036	61,806	1,215,866	Bu.	1,194,185
Common spring	18,086	75,194	1,362,122	Bu.	1,339,683
Durum or macaroni	926	3,369	65,488	Bu.	58,086
Emmer and spelt	1,249	6,090	106,301	Bu.	89,118
Barley	87,540	816,449	22,156,041	Bu.	12,682,136
Buckwheat	5,787	26,298	302,820	Bu.	219,484
Rye	40,170	339,213	4,797,775	Bu.	3,163,520
Kafir corn and milomaiza	63	425	8,106	Bu.	4,706
<b>Other grains and seeds with acreage report, total</b> .....		102,085	1,439,388	Bu.	2,078,789
Dry edible beans	5,656	14,574	154,570	Bu.	293,914
Dry peas	15,950	78,117	1,195,055	Bu.	1,645,928
Peanuts	31	70	945	Bu.	1,064
Flaxseed	1,790	9,423	118,793	Bu.	167,848
<b>Seeds with no acreage report, total</b> .....					1,541,984
Timothy seed	1,780	( <sup>1</sup> )	44,547	Bu.	75,306
Clover seed	12,146	( <sup>2</sup> )	215,416	Bu.	1,420,426
Alfalfa seed	15	( <sup>3</sup> )	684	Bu.	1,633
Millet seed	23	( <sup>3</sup> )	1,654	Bu.	1,446
Flower and garden seeds	19	( <sup>3</sup> )			42,583
<b>Hay and forage, total</b> .....	161,248	3,079,102	5,002,644	Tons.	40,866,396
Timothy alone	56,831	767,012	1,110,446	Tons.	10,824,854
Timothy and clover mixed	109,106	1,612,171	2,477,311	Tons.	22,418,758
Clover alone	15,269	119,522	193,786	Tons.	1,572,231
Alfalfa	4,108	17,986	49,794	Tons.	561,983
Millet or Hungarian grass	2,087	6,948	9,854	Tons.	74,914
Other tame or cultivated grasses	3,740	43,013	58,367	Tons.	430,355
Wild, salt, or prairie grasses	27,948	378,413	497,622	Tons.	2,615,741
Grains cut green	3,227	13,673	26,205	Tons.	169,877
Coarse forage	17,964	120,196	571,441	Tons.	2,143,489
Root forage	1,378	1,168	7,813	Tons.	48,194
Potatoes	158,087	290,185	31,968,195	Bu.	7,917,754
Sweet potatoes and yams	13	4	13	Bu.	197
Tobacco	9,390	40,458	46,909,182	Lbs.	3,855,033
Sundry minor crops, total <sup>3</sup>					36,808
Hops	4	30	13,290	Lbs.	9,041
Broom corn	12	28	14,830	Lbs.	1,026
Ginseng	70	16			25,977

<sup>1</sup> Includes small amount of sunflower seed.

<sup>2</sup> The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.

<sup>3</sup> Includes small amounts of hemp and willows.

The shifting in acreage of the crops specified during the past 30 years is shown in the following table:

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Rye.	Hay and forage.
1909	1,457,652	2,164,570	140,369	816,449	339,213	3,079,102
1899	1,497,474	2,365,115	556,614	555,747	362,193	2,397,982
1889	1,120,341	1,627,151	744,080	474,914	275,058	2,232,317
1879	1,015,393	955,597	1,948,160	204,335	169,692	1,484,920

Corn increased rapidly during the first two decades and fell off slightly during the last 10 years. The same is true of oats and rye. Barley made a big gain between 1879 and 1889, a slight increase during the next decennial period, and a gain of more than a quarter of a million acres during the decade just past. While there was a decrease of 1,800,000 acres in wheat during the 30 years covered by the table, hay and forage increased nearly 1,600,000 acres.

The 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.		PERCENT OF IMPROVED LAND.		Per cent of increase in acres: 1889 to 1909 <sup>1</sup>	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
Corn.....	78.0	75.3	12.2	13.3	-2.7	33.7 Bu.	\$17.65
Oats.....	77.2	81.7	18.2	21.0	-8.5	33.0 Bu.	13.24
Wheat.....	17.9	40.9	1.2	4.9	-74.8	18.8 Bu.	18.47
Barley.....	49.4	30.7	6.9	4.9	46.9	27.1 Bu.	15.53
Buckwheat.....	3.3	6.0	0.2	0.4	-33.8	11.5 Bu.	8.35
Rye.....	22.7	30.4	2.8	3.2	-6.3	14.1 Bu.	9.33
Dry peas.....	9.0	11.8	0.7	0.6	13.3	14.9 Bu.	21.08
Hay and forage.....	91.0	88.9	25.9	21.3	28.4	1.62 Tons.	13.27
Potatoes.....	89.6	85.7	2.4	2.3	12.9	110.2 Bu.	27.29
Tobacco.....	5.3	4.1	0.3	0.3	19.6	1,159.5 Lbs.	95.23

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

Nearly three-fourths of the farms grow corn and over three-fourths oats, the acreage of these two crops making over 30 per cent of the improved land. Wheat, buckwheat, and rye occupy but a small place among the crops of the state. The acreage of rye in 1909 was more than double that of wheat, though it showed a decline of 6.3 per cent. Nine farms out of ten report hay and forage of some sort and more than one-fourth of the improved acreage is used for such crops.

During the last decade the cereals decreased in total acreage. In 1909 these crops had an average value of \$14.77 per acre. The averages for corn, wheat, and barley were above this figure, while those for oats, rye, and buckwheat were below it.

Geographically, the important changes during the last decade and the census of 1910 distribution within the state are: The acreage of corn has decreased in the leading corn district, Iowa County decreasing 21 per cent; Lafayette, 20 per cent; Green, 17 per cent; Dane, 14 per cent; while along the eastern border and over the north half of the state increases are recorded. The acreage of oats fell off in substantially the same area as did corn: Rock County, 44 per cent; Lafayette, 40 per cent; Iowa, 37 per cent; Green, 36 per cent. On the other hand, increases occurred in a group of eastern counties and in the northern part of the state. In the main, the oat area shifted to the north. The wheat acreage was mainly in two districts, a line of counties along the western border and a group of counties extending from the northeastern part of the state down to the south central, Sauk County uniting the two districts. The leading rye growing district was along the line of the Wisconsin River, and along the Mississippi as far south as La Crosse.

The greatest acreage of hay and forage was largely in the southern and western parts of the state, the leading counties being, in the order named: Dane, Grant, Dodge, Iowa, Lafayette, Vernon, Marathon, Fond du Lac, St. Croix, Manitowoc, and Rock. These counties produced one-fourth of the total quantity.

Clover seed was grown largely in Calumet, Washington, Manitowoc, Fond du Lac, Sheboygan, and Jackson Counties, which produced in 1909 almost half of the entire crop.

Potatoes were produced in large quantities in three separate districts, Portage and six neighboring counties producing one-fourth of the whole. The other areas were Barron, Dunn, and Chippewa in the northwest, and Milwaukee and Waukesha in the southeast.

More than three-fourths of the tobacco reported for 1909 was raised in Dane, Vernon, and Rock Counties.

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.....	125,161	70.7	70,123	39,578	\$4,593,865	\$2,220,634
Farms reporting a product of \$500 or over .....	914	0.5	14,660	.....	1,126,373	.....
All other farms.....	124,247	70.1	55,463	.....	3,467,492	.....
Flowers and plants, total.....	216	0.1	252	194	592,839	270,872
Farms reporting a product of \$250 or over .....	100	0.1	.....	.....	584,398	.....
All other farms.....	56	( <sup>2</sup> )	.....	.....	8,441	.....
Nursery products, total.....	152	0.1	755	736	301,027	85,087
Farms reporting a product of \$250 or over .....	66	( <sup>2</sup> )	.....	.....	292,188	.....
All other farms.....	86	( <sup>2</sup> )	.....	.....	8,839	.....

<sup>1</sup> Does not include 16,167 farms which reported that they had vegetable gardens, but gave no information as to their products.

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

In 1909 the total acreage of potatoes and other vegetables was 360,312 and their value \$12,511,816. Excluding (so far as reported separately<sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 70,123 and their value \$4,594,000, both acreage and value being decidedly 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 raised mainly for home consumption. There were in 1909 only 914 farms in the first class, representing about one-fifth of the total acreage of vegetables and about one-fourth of the total value, the average acreage of vegetables per farm for these farms being 16 and the average value of product per acre \$76.83.

<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.

The raising of flowers and plants and of nursery products was also of some importance in Wisconsin, 1,007 acres being devoted to them in 1909, and the product being valued at \$893,866. Most of the product was raised on 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		
<b>Small fruits, total.....</b>		<b>6,305</b>	<b>12,389</b>	<b>9,782,779</b>	<b>\$765,437</b>
Strawberries.....	12,084	2,863	3,508	5,188,117	434,971
Blackberries and dewberries.....	2,272	407	411	498,119	48,707
Raspberries and loganberries.....	6,132	964	1,616	1,053,889	114,578
Currants.....	3,853	298	667	383,982	31,078
Gooseberries.....	1,841	82	177	107,708	8,761
Cranberries.....	229	1,689	5,821	2,549,344	127,212
Other berries.....	3	2	189	1,620	140

Strawberries are by far the most important of the small fruits raised in Wisconsin, with cranberries ranking next and raspberries and loganberries third. The total acreage of small fruits in 1909 was 6,305 and in 1899, 12,389, a decrease of 49.1 per cent. The production in 1909 was 9,783,000 quarts, as compared with 15,459,000 quarts in 1899, and the value \$765,000, as compared with \$835,000.

Orchard fruits, grapes, and nuts: 1909 and 1899.—The next table presents data with regard to orchard fruits, grapes, and nuts. 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 2,344,000 bushels, valued at \$2,087,000. Apples contributed about 95 per cent of this quantity; cherries most of the remainder. The production of grapes in 1909 amounted to 701,329 pounds, valued at \$25,537, and that of nuts to 609,428 pounds, valued at \$18,196. The nuts consisted mostly of hickory nuts.

The production of all orchard fruits together in 1909 was nearly seven times as great in quantity as that in 1899, and the production of grapes also increased materially. The value of orchard fruits increased from \$267,000 in 1899 to \$2,087,000 in 1909 and that of grapes from \$15,173 in 1899 to \$25,537 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 reporting.	Number.	Farms reporting.	Number.	Quantity. <sup>1</sup>	Value.	Quantity. <sup>1</sup>
<b>Orchard fruits, total.....</b>		<b>2,861,830</b>		<b>1,654,616</b>	<b>2,343,517</b>	<b>\$2,087,202</b>	<b>348,600</b>
Apples.....	101,181	2,430,232	71,067	1,408,726	2,232,112	1,896,681	303,373
Peaches and nectarines.....	524	4,163	596	4,148	956	552	209
Pears.....	7,734	29,841	5,315	20,250	12,092	16,651	1,540
Plums and prunes.....	13,542	105,909	10,741	71,153	15,907	20,944	12,166
Cherries.....	32,130	290,495	13,209	148,775	81,840	152,119	31,007
Apricots.....	178	593	114	354	100	211	57
Quinces.....	77	581	69	1,203	90	114	( <sup>2</sup> )
Mulberries.....	7	16	4	7	20	30	( <sup>2</sup> )
Unclassified.....							188
<b>Grapes.....</b>	<b>7,422</b>	<b>148,348</b>	<b>3,150</b>	<b>63,098</b>	<b>701,329</b>	<b>25,537</b>	<b>571,459</b>
<b>Nuts, total.....</b>		<b>440,789</b>		<b>5,344</b>	<b>609,428</b>	<b>18,196</b>	<b>80,150</b>
Black walnuts.....	333	3,459	71	922	86,086	1,617	( <sup>2</sup> )
Butternuts.....	127	1,111	18	70	20,310	450	( <sup>2</sup> )
Hickory nuts.....	2,391	35,702	84	4,352	499,722	15,954	( <sup>2</sup> )
Unclassified.....							150

<sup>1</sup> Expressed in bushels for orchard fruits and pounds for grapes and nuts.  
<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 almonds, hazelnuts, chestnuts, and other nuts.

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.		
	Number.	Percent of all farms.	Unit.	1909	1899
Cider.....	2,065	1.5	Gals....	169,150	19,026
Vinegar.....	515	0.3	Gals....	16,472	10,111
Wine and grape juice.....	2,051	1.2	Gals....	33,785	45,783
Dried fruits.....	311	0.2	Lbs....	8,644	2,670

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 112,643 farms in Wisconsin (63.6 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$9,559,428, as compared with \$6,116,033 in 1899, an increase of 56.3 per cent. Of the value in 1909, \$5,641,129 was reported as that of products used or to be used on the farms themselves, \$3,606,171 as that of products sold or

for sale, and \$312,128 as the amount received for standing timber. 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 1,663 farmers in Wisconsin sold, during 1909, 12,490 tons of straw, for which they received \$53,884, and that 606 farmers sold 3,786 tons of cornstalks and leaves, for which they received \$15,751. In addition, 11 farmers reported the production of 186 tons of flax fiber, valued at \$2,238, and 81 farmers reported the production of 787 tons of flax straw, valued at \$3,083.

**Sugar crops: 1909 and 1899.**—The table below shows data with regard to maple trees and their products, and for sugar beets and sorghum cane. The

total value of sugar beets produced in 1909 was \$667,185, as compared with only \$937 in 1899, while that of maple sugar and sirup produced in 1909 was \$150,038, as compared with \$6,878 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
<b>Maple sugar and sirup:</b>						
Total, 1909.....	4,313	2.4	449,727			\$150,038
Sugar made.....	360	0.2		27,199	Lbs.	4,418
Sirup made.....	4,292	2.4		124,117	Gals.	145,620
Total, 1899.....	268	0.2				6,878
Sugar made.....				4,180	Lbs.	400
Sirup made.....				6,625	Gals.	6,478
<b>Sugar beets:</b>						
1909 <sup>2</sup> .....	4,341	2.5	12,379	127,526	Tons.	667,185
1899.....	8	( <sup>3</sup> )	34		Tons.	937
<b>Sorghum cane:</b>						
Total, 1909 <sup>4</sup> .....						84,626
Cane grown.....	5,436	3.1	2,281	13,735	Tons.	
Cane sold as such.....	1	( <sup>3</sup> )		4	Tons.	20
Sirup made.....	5,415	3.1		139,667	Gals.	83,026
Total, 1899.....						64,444
Cane grown.....	4,889	2.9	2,399	16,963	Tons.	
Cane sold as such.....				952	Tons.	2,718
Sirup made.....				160,414	Gals.	61,728

<sup>1</sup> Number of trees.

<sup>2</sup> Includes beets used as root forage.

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

<sup>4</sup> Includes cane used as coarse forage.

#### 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. <sup>1</sup>	
	Farms reporting.				Amount.	Amount.
	Number.	Percent of all farms.				
Labor.....	91,119	51.4	\$19,195,473	\$10,468,610	\$8,726,863	83.4
Feed.....	73,512	41.5	5,672,916	( <sup>2</sup> )		
Fertilizer.....	2,995	1.7	127,753	294,320	-166,567	-56.6

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

<sup>2</sup> Not reported at the census of 1900.

A little more than 25 per cent of the amount expended for labor in 1909 was in the form of rent and board; the total expenditure increasing 83.4 per cent during the decade. Slightly more than one-half of the farmers hired labor, and the average amount expended by the farmers hiring was \$211. No tabulation was made at prior censuses of the number of farmers reporting expenditures for labor.

Two farmers out of every five reported some expenditure for feed in 1909. The expenditures for fer-

tilizer were confined to a few farms, not one in fifty reporting anything under this item. The average for those reporting was \$42.66 per farm. There was a marked falling off—56.6 per cent—since 1899 in the total amount reported as paid for fertilizer.

**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.	Per cent of all farms.	Amount.	Unit.	
<b>Total.....</b>					\$14,857,856
Corn.....	9,334	5.3	1,298,957	Bu.....	737,972
Oats.....	38,437	21.7	11,004,453	Bu.....	4,541,519
Barley.....	38,481	21.7	10,259,696	Bu.....	6,125,877
Hay and coarse forage.....	27,025	15.6	351,676	Tons...	3,452,488

While the total amount expended by Wisconsin farmers for the purchase of feed in 1909 was \$5,673,000, the total receipts from sales of feed by those reporting sales amounted to \$14,858,000.

## COUNTY TABLES.

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

Table 1 shows population, number of farms, land and farm area, value of farm property, 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, farm area, and value of farm property operated by owners, tenants, and managers, as of April 15, 1910. Statistics of farm mortgages are included in this table.

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.

*Change of boundary.*—A part of Chippewa County was taken to form Rusk County in 1901 (it was known as Gates County, its name being changed to Rusk in 1905); a part of Forest County was annexed to Vilas County in 1905; and a part of Vilas County was annexed to Oneida County in 1901.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Adams.	Ashland. <sup>1</sup>	Baron.	Bayfield.	Brown. <sup>1</sup>	Buffalo.
1 Population.....	2,333,860	8,604	21,965	29,114	15,987	54,098	16,006
2 <i>Population in 1900</i> .....	<i>2,060,042</i>	<i>9,141</i>	<i>20,176</i>	<i>23,677</i>	<i>14,302</i>	<i>46,359</i>	<i>16,765</i>
3 Number of all farms.....	177,127	1,681	718	3,852	1,086	3,615	2,161
4 <i>Number of all farms in 1900</i> .....	<i>169,795</i>	<i>1,842</i>	<i>480</i>	<i>3,004</i>	<i>465</i>	<i>3,660</i>	<i>2,242</i>
5 Color and nativity of farmers:							
6 Native white.....	107,180	1,181	239	1,872	290	1,911	1,402
7 Foreign-born white.....	60,356	499	450	1,980	790	1,576	759
8 Negro and other nonwhite.....	591	1	29	.....	6	128	.....
9 Number of farms, classified by size:							
10 Under 3 acres.....	273	.....	2	5	2	4	5
11 3 to 9 acres.....	5,491	11	6	80	17	225	49
12 10 to 19 acres.....	4,883	9	10	65	31	168	29
13 20 to 49 acres.....	23,460	101	192	691	339	648	132
14 50 to 99 acres.....	54,007	271	241	1,465	321	1,461	250
15 100 to 174 acres.....	58,439	576	202	1,115	280	898	660
16 175 to 259 acres.....	20,196	399	39	298	51	161	544
17 260 to 499 acres.....	9,271	274	22	113	32	44	449
18 500 to 999 acres.....	968	39	4	17	7	4	42
19 1,000 acres and over.....	141	1	.....	3	6	2	1
<b>LAND AND FARM AREA</b>							
20 Approximate land area..... acres.	35,363,840	437,760	692,480	566,400	961,920	338,560	439,680
21 Land in farms..... acres.	21,060,066	307,661	72,592	411,321	120,121	301,519	408,081
22 <i>Land in farms in 1900</i> ..... acres.	<i>19,802,727</i>	<i>305,585</i>	<i>66,187</i>	<i>320,659</i>	<i>51,827</i>	<i>285,074</i>	<i>408,338</i>
23 Improved land in farms..... acres.	11,907,606	142,297	24,374	170,203	21,661	195,281	199,067
24 <i>Improved land in farms in 1900</i> ..... acres.	<i>11,246,972</i>	<i>125,064</i>	<i>13,611</i>	<i>117,407</i>	<i>8,022</i>	<i>176,006</i>	<i>190,007</i>
25 Woodland in farms..... acres.	5,377,580	129,273	29,019	131,057	53,896	50,987	143,742
26 Other unimproved land in farms..... acres.	3,774,880	36,091	19,199	110,061	44,564	55,251	64,372
27 Per cent of land area in farms.....	59.6	70.3	10.5	72.6	12.5	89.1	92.8
28 Per cent of farm land improved.....	56.5	46.2	33.6	41.4	13.0	64.8	49.0
29 Average acres per farm.....	119	183	101	107	111	83	189
30 Average improved acres per farm.....	67	85	34	44	20	54	92
<b>VALUE OF FARM PROPERTY</b>							
31 All farm property..... dollars.	1,413,118,785	8,615,324	2,725,475	18,976,694	3,209,775	26,597,787	16,581,677
32 <i>All farm property in 1900</i> ..... dollars.	<i>811,712,319</i>	<i>4,214,007</i>	<i>1,030,900</i>	<i>6,374,063</i>	<i>615,678</i>	<i>13,431,978</i>	<i>9,392,667</i>
33 Per cent increase, 1900-1910.....	74.1	104.4	164.4	197.7	421.4	98.0	67.6
34 Land..... dollars.	911,938,261	5,312,953	1,559,875	12,150,147	2,010,037	17,421,497	9,974,378
35 <i>Land in 1900</i> ..... dollars.	<i>590,542,690</i>	<i>2,425,910</i>	<i>501,030</i>	<i>3,338,060</i>	<i>323,030</i>	<i>3,313,700</i>	<i>6,143,840</i>
36 Buildings..... dollars.	289,694,402	1,853,165	693,065	3,721,785	700,145	5,733,443	3,360,832
37 <i>Buildings in 1900</i> ..... dollars.	<i>165,604,970</i>	<i>306,390</i>	<i>243,400</i>	<i>1,165,030</i>	<i>148,310</i>	<i>2,084,120</i>	<i>1,755,390</i>
38 Implements and machinery..... dollars.	52,956,579	428,147	132,204	815,609	134,930	1,020,301	718,673
39 <i>Implements, etc., in 1900</i> ..... dollars.	<i>29,237,010</i>	<i>232,330</i>	<i>55,430</i>	<i>317,920</i>	<i>51,400</i>	<i>663,960</i>	<i>452,700</i>
40 Domestic animals, poultry, and bees..... dollars.	168,520,483	1,021,069	340,331	2,289,153	364,663	2,422,546	2,527,794
41 <i>Domestic animals, etc., in 1900</i> ..... dollars.	<i>96,327,649</i>	<i>658,877</i>	<i>170,990</i>	<i>652,153</i>	<i>107,358</i>	<i>1,480,198</i>	<i>1,640,637</i>
42 Per cent of value of all property in—							
43 Land.....	64.5	61.7	57.2	64.0	62.6	65.5	60.2
44 Buildings.....	20.5	21.5	25.4	19.6	21.8	21.6	20.3
45 Implements and machinery.....	3.7	5.0	4.8	4.3	4.2	3.8	4.3
46 Domestic animals, poultry, and bees.....	11.2	11.8	12.5	12.1	11.4	9.1	15.2
47 Average values:							
48 All property per farm..... dollars.	7,978	5,125	3,796	4,926	2,956	7,358	7,673
49 Land and buildings per farm..... dollars.	6,734	4,263	3,138	4,120	2,496	6,405	6,171
50 Land per acre..... dollars.	43.30	17.27	21.49	29.54	16.73	57.78	24.44
51 <i>Land per acre in 1900</i> ..... dollars.	<i>29.71</i>	<i>7.99</i>	<i>8.48</i>	<i>12.28</i>	<i>6.33</i>	<i>29.16</i>	<i>15.02</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
52 Farms reporting domestic animals.....	171,023	1,631	661	3,638	928	3,487	2,102
53 Value of domestic animals..... dollars.	153,700,250	983,046	330,559	2,229,092	351,244	2,302,396	2,479,855
54 Cattle:							
55 Total number.....	2,680,074	15,977	5,192	45,273	5,073	43,920	42,329
56 Dairy cows.....	1,478,505	9,101	2,783	24,100	2,594	20,020	21,963
57 Other cows.....	173,152	1,776	254	3,488	360	2,945	3,196
58 Yearling heifers.....	351,124	2,102	825	6,612	789	5,787	5,935
59 Calves.....	449,459	2,184	248	7,959	1,017	7,214	6,972
60 Yearling steers and bulls.....	138,239	847	204	2,004	290	1,854	2,941
61 Other steers and bulls.....	94,515	513	123	1,050	83	800	1,322
62 Value..... dollars.	67,475,224	374,394	124,841	974,727	124,542	1,015,665	859,197
63 Horses:							
64 Total number.....	614,654	5,214	1,298	9,522	1,616	11,090	10,430
65 Mature horses.....	562,220	4,871	1,235	8,764	1,529	9,858	9,231
66 Yearling colts.....	46,437	239	56	717	72	1,030	1,104
67 Spring colts.....	5,997	54	7	41	15	142	95
68 Value..... dollars.	68,585,505	534,092	186,650	1,100,589	212,462	1,220,674	1,232,324
69 Mules:							
70 Total number.....	2,872	55	18	52	11	11	48
71 Mature mules.....	2,599	52	18	46	11	11	41
72 Yearling colts.....	246	3	.....	5	.....	.....	7
73 Spring colts.....	27	.....	.....	1	.....	.....	.....
74 Value..... dollars.	316,066	4,750	2,790	4,815	1,425	1,625	5,195
75 Asses and burros:							
76 Number.....	196	2	.....	1	.....	1	.....
77 Value..... dollars.	13,795	35	.....	300	.....	25	.....
78 Swine:							
79 Total number.....	1,809,331	6,208	1,212	10,671	563	15,060	40,451
80 Mature hogs.....	894,929	3,289	767	5,794	420	8,767	19,172
81 Spring pigs.....	914,402	2,919	445	4,777	143	6,293	21,279
82 Value..... dollars.	13,620,741	58,670	10,621	90,711	6,761	102,498	303,680
83 Sheep:							
84 Total number.....	929,783	2,882	1,547	16,241	1,074	3,728	24,803
85 Rams, ewes, and wethers.....	628,539	1,875	1,068	11,082	602	2,319	16,907
86 Spring lambs.....	301,244	1,007	479	5,159	412	1,409	7,896
87 Value..... dollars.	3,069,652	9,950	5,631	57,542	4,274	12,847	80,313
88 Goats:							
89 Number.....	4,875	82	6	192	357	19	53
90 Value..... dollars.	19,267	255	26	408	1,780	62	146
<b>POULTRY AND BEES</b>							
91 Number of poultry of all kinds.....	9,433,110	82,033	17,576	124,660	24,143	118,699	146,698
92 Value..... dollars.	4,468,703	36,866	9,503	53,486	12,043	53,326	44,990
93 Number of colonies of bees.....	95,638	201	42	1,941	128	1,465	1,063
94 Value..... dollars.	360,530	1,147	269	6,575	776	6,824	2,949

<sup>1</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

# STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910.

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

	Burnett.	Calumet.	Chippewa. <sup>2</sup>	Clark.	Columbia.	Crawford.	Dane.	Dodge.	Door.	Douglas.	Dunn.	Eau Claire.	Florence.
1	9,026	16,701	32,103	30,074	31,129	16,288	77,435	47,436	18,711	47,422	25,260	32,721	3,381
2	<i>7,478</i>	<i>17,073</i>	<i>33,037</i>	<i>26,848</i>	<i>31,121</i>	<i>17,286</i>	<i>69,435</i>	<i>46,631</i>	<i>17,583</i>	<i>36,335</i>	<i>25,043</i>	<i>31,692</i>	<i>3,197</i>
3	1,676	2,074	3,079	4,196	3,327	1,983	6,058	4,741	2,310	853	3,207	2,158	274
4	<i>1,198</i>	<i>2,833</i>	<i>3,050</i>	<i>5,466</i>	<i>3,439</i>	<i>2,104</i>	<i>6,346</i>	<i>4,994</i>	<i>2,209</i>	<i>2,257</i>	<i>3,207</i>	<i>2,066</i>	<i>274</i>
5	870	1,438	1,683	2,155	2,321	1,506	3,949	3,201	1,121	261	1,893	1,281	47
6	786	604	1,381	2,039	1,004	476	2,105	1,539	1,189	589	1,404	876	227
7	20	32	10	2	2	1	3	1	3	3	1	1	1
8	.....	1	4	.....	2	1	3	5	2	.....	3	6	.....
9	10	93	43	48	102	29	229	225	29	5	35	55	.....
10	17	57	37	68	67	45	233	153	40	20	33	48	6
11	185	214	424	903	241	152	595	389	363	287	297	177	78
12	407	855	1,033	1,797	770	301	1,513	1,451	867	180	900	527	85
13	764	708	1,012	1,056	1,263	731	2,292	1,907	745	278	1,247	823	79
14	200	119	325	217	585	389	883	476	180	38	484	344	17
15	83	25	104	92	265	292	296	124	73	38	266	158	7
16	9	1	27	29	29	36	13	6	7	4	29	20	1
17	1	1	10	5	3	7	1	.....	4	3	3	1	1
18	550,400	207,360	664,960	779,520	497,920	370,560	769,280	574,080	300,160	855,680	556,160	408,320	318,080
19	<i>226,570</i>	<i>196,644</i>	<i>388,104</i>	<i>411,825</i>	<i>470,437</i>	<i>343,302</i>	<i>730,340</i>	<i>519,172</i>	<i>252,596</i>	<i>92,464</i>	<i>464,604</i>	<i>298,639</i>	<i>29,157</i>
20	<i>166,149</i>	<i>109,913</i>	<i>332,714</i>	<i>326,766</i>	<i>476,124</i>	<i>532,476</i>	<i>741,634</i>	<i>534,049</i>	<i>225,850</i>	<i>29,111</i>	<i>431,078</i>	<i>279,839</i>	<i>19,749</i>
21	58,601	144,437	195,907	161,891	309,090	153,822	533,719	389,806	134,998	19,920	245,142	185,861	8,491
22	<i>32,626</i>	<i>146,061</i>	<i>177,638</i>	<i>120,964</i>	<i>314,329</i>	<i>148,938</i>	<i>522,028</i>	<i>415,925</i>	<i>109,066</i>	<i>5,234</i>	<i>313,067</i>	<i>167,618</i>	<i>4,312</i>
23	108,363	24,170	114,891	140,712	76,321	142,038	95,872	36,130	87,421	52,372	149,121	76,314	11,758
24	<i>61,606</i>	<i>23,037</i>	<i>77,246</i>	<i>113,222</i>	<i>88,426</i>	<i>47,442</i>	<i>106,045</i>	<i>93,236</i>	<i>30,177</i>	<i>20,172</i>	<i>70,341</i>	<i>36,464</i>	<i>8,908</i>
25	41.2	94.8	58.4	52.8	94.5	92.6	95.7	90.4	84.2	10.8	83.5	73.1	9.2
26	25.0	73.4	50.5	30.9	65.0	44.8	72.5	75.1	53.4	21.5	52.8	62.2	29.1
27	135	95	126	98	141	173	122	110	109	108	141	138	106
28	34	70	64	36	62	78	88	82	58	23	74	86	31
29	4,014,063	21,336,977	18,573,523	22,918,803	37,738,123	12,338,063	78,010,801	60,788,501	14,746,094	2,795,283	20,913,419	14,666,930	878,603
30	<i>1,676,208</i>	<i>13,225,038</i>	<i>8,227,687</i>	<i>10,359,664</i>	<i>21,062,925</i>	<i>6,503,630</i>	<i>45,093,005</i>	<i>41,183,085</i>	<i>6,037,645</i>	<i>722,199</i>	<i>3,743,003</i>	<i>6,339,454</i>	<i>304,006</i>
31	194.3	61.3	125.8	121.8	79.2	81.2	73.0	47.6	144.6	287.0	139.1	111.4	189.0
32	2,948,024	14,119,010	11,656,809	14,280,036	26,621,368	7,384,001	53,556,285	41,567,537	9,571,669	1,846,597	12,985,549	9,145,406	466,538
33	<i>842,140</i>	<i>3,779,930</i>	<i>4,308,442</i>	<i>6,376,300</i>	<i>14,333,360</i>	<i>4,115,810</i>	<i>30,555,330</i>	<i>29,414,140</i>	<i>3,534,180</i>	<i>432,070</i>	<i>5,255,710</i>	<i>4,219,710</i>	<i>166,790</i>
34	1,128,710	4,447,085	3,978,722	4,992,204	6,984,676	2,507,000	14,210,210	11,186,319	3,094,927	506,113	4,350,001	3,067,919	241,567
35	<i>391,460</i>	<i>2,664,240</i>	<i>1,714,305</i>	<i>2,011,460</i>	<i>3,589,190</i>	<i>1,200,970</i>	<i>3,874,460</i>	<i>7,110,620</i>	<i>1,344,390</i>	<i>128,000</i>	<i>1,729,000</i>	<i>1,406,160</i>	<i>62,350</i>
36	210,894	824,679	745,305	876,000	1,139,334	485,591	2,264,939	2,216,921	724,044	104,938	937,317	653,042	64,623
37	<i>99,240</i>	<i>437,800</i>	<i>437,800</i>	<i>479,900</i>	<i>648,180</i>	<i>508,210</i>	<i>1,183,300</i>	<i>1,066,860</i>	<i>273,030</i>	<i>23,470</i>	<i>417,200</i>	<i>320,180</i>	<i>21,470</i>
38	627,355	1,946,203	2,197,692	2,770,563	3,061,730	1,961,411	7,973,301	5,827,734	1,355,454	277,635	2,634,552	1,809,563	105,940
39	<i>387,863</i>	<i>1,280,848</i>	<i>1,286,517</i>	<i>1,463,104</i>	<i>2,504,755</i>	<i>1,136,040</i>	<i>5,040,715</i>	<i>3,594,765</i>	<i>826,145</i>	<i>63,635</i>	<i>1,343,143</i>	<i>903,394</i>	<i>52,866</i>
40	60.0	66.2	62.7	62.3	70.5	59.8	68.6	68.4	64.9	66.1	62.1	62.4	53.1
41	23.0	20.8	21.4	21.8	18.9	20.3	18.2	18.4	21.0	20.2	20.8	20.9	27.5
42	4.3	3.9	4.0	3.8	3.0	3.9	2.9	3.6	4.9	3.8	4.5	4.4	7.4
43	12.8	9.1	11.8	12.1	9.5	15.9	10.2	9.6	9.2	9.9	12.0	12.3	12.0
44	2,933	10,288	6,034	5,462	11,343	6,222	12,877	12,824	5,384	3,277	6,343	6,796	3,207
45	2,432	8,952	5,073	4,593	9,921	4,988	11,187	11,127	5,483	2,828	5,260	5,560	2,584
46	13.01	71.80	30.04	34.63	66.59	21.51	72.73	80.06	37.89	19.97	27.95	30.62	16.00
47	<i>6.10</i>	<i>43.02</i>	<i>12.56</i>	<i>19.57</i>	<i>30.15</i>	<i>12.38</i>	<i>41.20</i>	<i>55.08</i>	<i>15.87</i>	<i>16.66</i>	<i>12.19</i>	<i>16.08</i>	<i>8.45</i>
48	1,541	2,044	2,945	4,024	3,240	1,925	5,060	4,686	2,223	725	3,143	2,081	230
49	<i>612,807</i>	<i>1,883,003</i>	<i>2,143,831</i>	<i>2,709,837</i>	<i>3,460,616</i>	<i>1,893,759</i>	<i>7,692,159</i>	<i>5,636,804</i>	<i>1,323,316</i>	<i>207,042</i>	<i>2,565,337</i>	<i>1,754,519</i>	<i>102,838</i>
50	15,008	34,226	40,059	53,481	49,900	37,320	115,402	100,071	24,764	4,182	47,544	20,251	1,347
51	7,915	19,786	21,637	33,571	25,390	17,628	65,505	55,780	14,113	2,319	24,899	14,417	709
52	744	1,472	2,665	3,021	5,205	3,241	7,799	8,588	1,255	281	3,357	1,467	59
53	2,037	4,045	5,651	8,128	6,404	5,037	15,372	11,800	3,003	599	6,747	3,993	200
54	2,766	6,936	6,385	9,713	7,201	5,729	17,666	15,667	4,759	730	7,841	4,308	283
55	1,004	1,200	2,474	2,661	3,232	3,028	5,478	2,728	1,108	171	3,163	1,347	59
56	542	807	1,347	1,387	2,498	1,757	3,582	2,210	1,466	82	1,719	719	32
57	271,702	875,292	801,938	1,365,408	1,227,845	844,342	3,192,350	2,862,309	473,053	117,591	900,245	523,403	30,763
58	3,021	7,989	10,059	11,071	14,493	7,985	28,334	19,723	6,821	1,129	11,159	8,868	500
59	2,848	7,277	9,085	10,130	13,227	7,125	26,003	17,972	6,241	1,054	10,161	7,803	488
60	159	631	869	881	1,988	793	2,089	1,522	491	67	786	786	11
61	14	81	105	60	168	67	242	229	89	8	203	203	1
62	304,359	869,094	1,168,165	1,160,380	1,585,453	706,096	3,240,790	2,126,002	771,329	135,639	1,276,752	1,050,732	65,805
63	14	23	31	44	74	115	120	22	11	20	77	31	1
64	14	17	31	43	65	105	105	21	10	19	73	27	1
65	.....	6	.....	1	9	16	13	1	1	1	4	.....	.....
66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	1,380	3,510	3,545	4,385	8,480	12,105	14,220	2,155	1,425	2,605	8,340	3,865	125
68	1	.....	2	1	5	5	40	1	2	.....	6	1	.....
69	75	.....	50	15	120	350	1,416	50	1,010	.....	635	50	.....
70	2,908	18,265	17,181	16,611	55,946	22,428	126,227	88,061	8,343	649	34,348	19,921	184
71	1,700	10,043	8,114	9,131	31,612	12,708	61,754	45,944	5,692	418	15,339	8,813	129
72	1,208	8,222	9,067	7,480	24,334	9,725	64,473	42,117	2,651	236	19,009	10,108	55
73	25,389	121,330	125,121	128,181	491,321	183,333	1,065,294	585,679	54,020	5,941	249,513	143,985	2,104
74	3,362	4,819	11,326	12,400	36,536	14,301	39,013	15,783	7,405	1,136	19,645	9,966	642
75	2,323	2,540	7,778	8,439	25,841	10,146	26,540	11,055	4,459	892	13,747	5,930	632
76	1,039	2,279	3,548	3,961	10,695	4,155	12,473	4,728	2,946	244	5,898	3,036	310
77	9,823	19,668	43,940	50,918	147,290	59,481	177,949	60,529	20,670	5,149	69,680	32,940	4,044
78	28	3	283	163	88	202	32	41	109	39	45	20	3
79	79	9	1,072	550	107	1,056	140	140	909	117	172	39	7
80	37,804	113,145	112,278	128,474	264,527	118,813	523,162	363,742	87,793	17,979	151,868	100,620	5,960
81	<i>13,825</i>	<i>49,639</i>	<i>45,990</i>	<i>52,881</i>	<i>136,847</i>	<i>58,273</i>	<i>270,248</i>	<i>179,</i>					

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron. <sup>2</sup>	Jackson.	Jefferson.
1 Population.....	51,610	0,782	39,007	21,641	15,491	22,497	8,306	17,075	34,306
2 <i>Population in 1900.....</i>	<i>47,689</i>	<i>1,896</i>	<i>38,881</i>	<i>22,719</i>	<i>15,797</i>	<i>23,114</i>	<i>6,616</i>	<i>17,466</i>	<i>34,789</i>
3 Number of all farms.....	4,242	237	4,056	2,465	1,602	2,495	119	2,382	3,356
4 <i>Number of all farms in 1900.....</i>	<i>4,328</i>	<i>59</i>	<i>4,219</i>	<i>2,540</i>	<i>1,753</i>	<i>2,647</i>	<i>88</i>	<i>2,468</i>	<i>3,453</i>
5 <b>Color and nativity of farmers:</b>									
6 Native white.....	3,056	180	3,334	1,717	833	1,936	34	1,352	2,189
7 Foreign-born white.....	1,186	47	719	748	769	559	80	1,020	1,166
8 Negro and other nonwhite.....		10	3				5	10	1
9 <b>Number of farms, classified by size:</b>									
10 Under 3 acres.....	9		4	9		1			3
11 3 to 9 acres.....	281	2	115	82	106	53		81	176
12 10 to 19 acres.....	201	1	83	70	89	40	1	26	130
13 20 to 49 acres.....	399	72	267	178	139	129	43	200	436
14 50 to 99 acres.....	1,253	78	617	469	312	287	29	500	1,100
15 100 to 174 acres.....	1,569	53	1,377	877	555	335	28	882	1,140
16 175 to 269 acres.....	421	13	955	534	277	653	10	418	200
17 260 to 499 acres.....	102	12	573	238	108	437	6	227	76
18 500 to 999 acres.....	6	5	71	8	14	5	2	28	4
19 1,000 acres and over.....	1	1	4		2	2		10	1
20 <b>LAND AND FARM AREA</b>									
21 Approximate land area..... acres..	404,640	896,000	748,160	379,520	230,400	499,840	506,880	633,600	353,280
22 Land in farms..... acres.....	445,008	28,210	689,338	358,211	208,023	462,424	13,958	374,923	335,156
23 <i>Land in farms in 1900.....</i>	<i>448,561</i>	<i>6,594</i>	<i>687,675</i>	<i>365,533</i>	<i>214,012</i>	<i>463,768</i>	<i>10,795</i>	<i>387,846</i>	<i>337,431</i>
24 Improved land in farms..... acres..	322,738	6,129	412,577	280,265	130,302	293,156	3,909	181,210	217,932
25 <i>Improved land in farms in 1900.....</i>	<i>346,171</i>	<i>1,678</i>	<i>411,077</i>	<i>286,089</i>	<i>145,426</i>	<i>293,554</i>	<i>2,320</i>	<i>170,344</i>	<i>232,748</i>
26 Woodland in farms..... acres.....	35,207	14,264	161,270	39,438	23,704	100,005	4,062	128,992	25,152
27 Other unimproved land in farms..... acres..	87,063	7,817	115,491	38,508	54,017	99,263	5,387	64,721	92,372
28 Per cent of land area in farms.....	95.8	3.1	92.1	94.4	90.3	92.5	2.8	59.2	94.9
29 Per cent of farm land improved.....	72.5	21.7	59.8	78.2	62.6	63.4	28.0	48.3	64.9
30 Average acres per farm.....	105	119	170	145	130	185	117	157	100
31 Average improved acres per farm.....	76	26	102	114	81	117	33	76	65
32 <b>VALUE OF FARM PROPERTY</b>									
33 All farm property..... dollars..	44,335,350	917,380	42,426,158	36,890,211	15,983,274	30,668,591	418,766	14,457,654	34,522,303
34 <i>All farm property in 1900.....</i>	<i>41,874,129</i>	<i>118,355</i>	<i>40,305,272</i>	<i>30,770,174</i>	<i>10,472,224</i>	<i>16,323,981</i>	<i>160,169</i>	<i>7,199,599</i>	<i>25,431,246</i>
35 Per cent increase, 1900-1910.....	41.8	709.3	61.3	77.6	52.6	81.7	101.4	100.8	35.8
36 Land..... dollars.....	30,010,956	594,756	28,538,602	25,343,810	10,644,965	21,338,354	236,100	8,664,716	21,844,253
37 <i>Land in 1900.....</i>	<i>21,467,670</i>	<i>70,710</i>	<i>17,697,640</i>	<i>13,774,380</i>	<i>7,128,280</i>	<i>11,213,750</i>	<i>91,020</i>	<i>4,097,240</i>	<i>10,880,330</i>
38 Buildings..... dollars.....	8,131,120	191,470	6,716,817	5,775,990	3,076,180	4,410,560	101,865	3,239,790	7,642,317
39 <i>Buildings in 1900.....</i>	<i>5,810,420</i>	<i>18,090</i>	<i>5,595,270</i>	<i>3,463,330</i>	<i>1,814,660</i>	<i>2,305,030</i>	<i>50,100</i>	<i>1,591,030</i>	<i>4,899,680</i>
40 Implements and machinery..... dollars..	1,403,667	49,184	1,206,530	959,133	542,339	741,635	19,092	605,379	1,234,678
41 <i>Implements, etc., in 1900.....</i>	<i>937,410</i>	<i>7,870</i>	<i>780,530</i>	<i>373,020</i>	<i>267,220</i>	<i>471,120</i>	<i>3,510</i>	<i>359,700</i>	<i>807,260</i>
42 Domestic animals, poultry, and bees..... dollars..	4,730,607	84,970	5,874,046	4,831,274	1,719,760	4,073,042	61,649	1,837,798	3,801,055
43 <i>Domestic animals, etc., in 1900.....</i>	<i>3,023,629</i>	<i>16,985</i>	<i>3,980,852</i>	<i>2,084,394</i>	<i>1,101,034</i>	<i>2,834,101</i>	<i>50,539</i>	<i>1,161,426</i>	<i>2,633,338</i>
44 Per cent of value of all property in—									
45 Land.....	67.7	64.8	67.3	69.7	66.6	69.8	56.4	59.0	63.3
46 Buildings.....	18.4	20.9	15.8	15.6	19.2	14.4	24.3	22.4	22.1
47 Implements and machinery.....	3.2	5.0	3.0	2.5	3.4	2.4	4.6	4.6	3.6
48 Domestic animals, poultry, and bees.....	10.7	9.3	13.8	13.1	10.8	13.3	14.7	13.0	11.0
49 <b>Average values:</b>									
50 All property per farm..... dollars..	10,452	3,871	10,460	14,966	9,977	12,252	3,510	6,070	10,287
51 Land and buildings per farm..... dollars..	9,003	3,317	8,692	12,625	8,565	10,320	2,840	4,998	8,736
52 Land per acre..... dollars.....	67.44	21.08	41.40	70.75	61.17	46.14	16.92	23.11	65.18
53 <i>Land per acre in 1900.....</i>	<i>47.86</i>	<i>10.72</i>	<i>25.74</i>	<i>37.70</i>	<i>33.63</i>	<i>23.02</i>	<i>8.43</i>	<i>10.56</i>	<i>60.33</i>
54 <b>DOMESTIC ANIMALS (farms and ranges)</b>									
55 Farms reporting domestic animals.....	4,158	205	3,986	2,431	1,576	2,467	108	2,294	3,293
56 Value of domestic animals..... dollars..	4,604,125	81,930	5,604,621	4,701,773	1,668,717	3,070,743	59,819	1,827,967	3,639,827
57 <b>Cattle:</b>									
58 Total number.....	73,470	1,072	90,441	80,427	24,649	77,749	864	31,827	64,591
59 Dairy cows.....	42,988	565	39,042	44,172	14,576	34,559	416	17,077	40,450
60 Other cows.....	4,146	44	3,480	3,705	1,481	5,540	97	1,857	4,409
61 Yearling heifers.....	8,737	188	10,856	10,327	2,980	8,421	114	4,469	9,312
62 Calves.....	13,634	149	13,796	18,617	3,360	14,099	128	5,208	8,043
63 Yearling steers and bulls.....	2,072	72	9,741	1,845	1,344	6,432	55	2,094	1,377
64 Other steers and bulls.....	1,893	54	8,526	1,761	908	8,098	54	1,122	1,000
65 Value..... dollars.....	2,156,094	28,066	2,312,574	2,601,477	549,704	2,176,418	22,987	654,790	2,051,304
66 <b>Horses:</b>									
67 Total number.....	17,106	406	22,695	12,285	6,365	13,057	225	8,454	12,162
68 Mature horses.....	15,707	397	19,914	11,150	5,738	11,610	204	7,702	11,229
69 Yearling colts.....	1,235	9	2,455	1,010	499	1,326	21	682	791
70 Spring colts.....	164		326	125	128	121		70	142
71 Value..... dollars.....	1,826,999	48,882	2,323,119	1,425,276	843,575	1,345,355	33,235	979,598	1,255,109
72 <b>Mules:</b>									
73 Total number.....	44	6	267	57	21	50		34	43
74 Mature mules.....	40	5	225	52	19	43		30	35
75 Yearling colts.....	4		39	2	2	7		3	5
76 Spring colts.....			3					1	3
77 Value..... dollars.....	5,955	725	20,800	5,895	2,215	4,914		3,803	4,020
78 <b>Asses and burros:</b>									
79 Number.....	6		22	9		2		1	2
80 Value..... dollars.....	66		1,833	1,810		60		20	700
81 <b>Swine:</b>									
82 Total number.....	59,202	306	114,997	83,890	32,150	47,361	429	18,615	43,650
83 Mature hogs.....	28,637	222	51,052	37,927	13,602	22,285	175	8,996	17,714
84 Spring pigs.....	30,565	84	63,945	45,953	18,548	25,076	254	9,619	25,936
85 Value..... dollars.....	426,833	3,727	808,124	599,616	210,928	360,724	3,161	146,309	308,706
86 <b>Sheep:</b>									
87 Total number.....	34,241	25	47,441	14,244	20,853	20,448	94	11,380	4,938
88 Rams, ewes, and wethers.....	23,424	17	29,651	8,962	13,929	13,057	55	7,564	3,402
89 Spring lambs.....	10,817	8	17,790	5,282	6,924	7,391	39	3,816	1,536
90 Value..... dollars.....	127,699	130	210,313	67,693	62,266	92,153	386	43,346	19,886
91 <b>Goats:</b>									
92 Number.....	68		801	13	33			30	25
93 Value..... dollars.....	479		2,858	6	29	119		101	102
94 <b>POULTRY AND BEES</b>									
95 Number of poultry of all kinds.....	253,535	5,521	346,625	217,281	102,864	170,935	3,108	124,640	292,208
96 Value..... dollars.....	124,134	3,040	163,917	119,565	49,003	94,256	1,804	53,391	154,699
97 Number of colonies of bees.....	2,898		2,591	2,568	730	893	5	1,857	2,108
98 Value..... dollars.....	11,348		10,508	9,936	2,040	4,043	26	6,411	6,529

<sup>1</sup> Change of boundary. (See explanation at close of text.)

STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Juneau.	Kenosha.	Kewaunee.	La Crosse.	Lafayette.	Langlade.	Lincoln.	Manitowoc.	Marathon.	Marquette.	Marquette.	Milwaukee.	Monroe.
1	19,569	32,929	16,784	43,996	20,075	17,062	19,064	44,978	55,054	33,812	10,741	433,187	28,581
2	<i>20,629</i>	<i>21,707</i>	<i>17,212</i>	<i>42,997</i>	<i>20,069</i>	<i>12,553</i>	<i>16,269</i>	<i>42,261</i>	<i>43,256</i>	<i>30,222</i>	<i>10,509</i>	<i>330,017</i>	<i>29,103</i>
3	2,470	1,423	2,074	1,811	2,441	1,434	1,119	3,966	5,080	1,919	1,476	2,443	3,494
4	<i>2,694</i>	<i>1,298</i>	<i>2,193</i>	<i>1,912</i>	<i>2,501</i>	<i>1,036</i>	<i>924</i>	<i>4,073</i>	<i>4,276</i>	<i>1,300</i>	<i>1,523</i>	<i>2,676</i>	<i>3,730</i>
5	1,428	865	1,210	1,050	1,849	858	385	2,727	2,318	808	1,086	1,494	2,432
6	1,035	558	864	759	592	569	732	1,178	2,762	1,103	390	949	1,052
7	7			2		7	2	1		8			10
8	1	12		8	4	8	1	5	3			54	4
9	55	75	18	77	103	47	17	94	21	39	28	318	40
10	30	63	28	65	76	55	24	93	90	81	18	334	56
11	231	212	212	123	152	355	208	511	721	433	62	813	273
12	660	357	378	282	386	552	418	1,742	2,172	737	140	678	918
13	955	444	799	667	843	311	322	1,231	1,504	508	514	211	1,429
14	342	175	111	351	568	69	80	191	360	92	470	26	481
15	173	78	25	213	289	29	42	35	125	65	217	9	282
16	20	7	3	20	19	7	6	9	20	18			20
17	3			1	1	1	1	1	5	3			2
18	513,280	180,480	215,680	307,840	410,880	560,000	577,280	385,280	994,560	905,600	292,480	150,400	599,680
19	<i>344,650</i>	<i>162,462</i>	<i>209,756</i>	<i>276,861</i>	<i>381,873</i>	<i>128,828</i>	<i>124,992</i>	<i>359,406</i>	<i>532,876</i>	<i>219,558</i>	<i>266,656</i>	<i>115,907</i>	<i>476,479</i>
20	<i>959,327</i>	<i>166,504</i>	<i>205,624</i>	<i>280,105</i>	<i>339,024</i>	<i>66,229</i>	<i>98,933</i>	<i>363,133</i>	<i>442,373</i>	<i>129,241</i>	<i>269,563</i>	<i>126,404</i>	<i>439,790</i>
21	162,312	120,513	143,710	149,430	298,573	47,788	33,549	247,058	184,153	79,474	126,906	98,125	232,010
22	<i>163,408</i>	<i>124,070</i>	<i>136,222</i>	<i>156,472</i>	<i>237,735</i>	<i>51,168</i>	<i>23,317</i>	<i>249,691</i>	<i>145,060</i>	<i>47,126</i>	<i>100,989</i>	<i>231,533</i>	<i>231,533</i>
23	102,923	13,541	49,741	91,727	33,178	62,335	56,160	63,633	236,444	65,562	79,172	13,377	160,747
24	79,415	28,408	25,305	35,704	50,122	18,705	35,283	48,715	112,279	74,622	60,578	4,405	83,722
25	67.1	90.0	97.3	89.9	92.9	23.0	21.6	93.3	53.6	24.2	91.2	77.1	79.4
26	47.1	74.2	68.5	54.0	78.2	37.1	26.8	68.7	34.0	36.2	47.6	84.0	48.7
27	140	114	101	153	156	90	112	92	105	114	181	47	136
28	66	85	69	82	122	33	30	63	36	41	86	40	66
29	14,056,679	16,077,278	16,802,293	13,790,945	35,916,201	6,685,747	4,318,866	33,653,153	25,293,638	8,100,473	9,586,721	31,601,442	21,334,129
30	<i>8,375,339</i>	<i>11,197,376</i>	<i>7,762,206</i>	<i>9,293,824</i>	<i>20,015,551</i>	<i>2,275,044</i>	<i>1,724,431</i>	<i>20,276,086</i>	<i>10,633,433</i>	<i>2,850,096</i>	<i>6,339,342</i>	<i>23,373,622</i>	<i>11,368,166</i>
31	67.8	44.0	116.5	48.3	79.4	193.9	150.4	66.0	136.6	184.2	77.9	11.4	80.3
32	8,862,619	10,013,401	10,948,495	8,000,541	25,941,574	4,082,189	2,708,340	21,103,709	15,640,771	5,196,205	5,850,057	22,889,413	12,399,339
33	<i>6,193,470</i>	<i>7,608,620</i>	<i>4,655,110</i>	<i>5,780,000</i>	<i>13,717,920</i>	<i>1,313,630</i>	<i>1,045,640</i>	<i>12,305,090</i>	<i>6,323,210</i>	<i>1,632,910</i>	<i>3,163,000</i>	<i>22,612,660</i>	<i>7,199,110</i>
34	2,955,429	3,614,395	3,546,010	3,273,415	4,747,130	1,482,170	887,725	7,912,086	5,611,400	1,053,385	2,216,165	6,195,331	5,190,062
35	1,774,670	1,980,190	1,748,370	1,946,460	2,315,060	1,450,770	334,670	4,786,660	2,253,170	597,490	1,100,340	4,039,560	2,473,670
36	595,699	555,544	767,942	598,681	738,564	368,341	219,481	1,469,167	1,273,612	388,676	391,827	986,275	938,946
37	565,820	333,400	330,020	364,650	437,820	138,090	91,810	733,410	497,320	169,840	296,340	693,990	551,040
38	1,639,932	1,893,938	1,539,846	1,018,308	4,488,933	753,047	503,320	3,173,191	2,767,855	362,207	1,128,672	1,530,423	2,855,782
39	<i>1,043,629</i>	<i>1,246,166</i>	<i>877,876</i>	<i>1,207,314</i>	<i>2,994,761</i>	<i>372,654</i>	<i>252,311</i>	<i>1,945,056</i>	<i>1,609,238</i>	<i>389,856</i>	<i>329,708</i>	<i>1,137,632</i>	<i>1,034,346</i>
40	63.0	62.3	65.2	58.0	72.2	61.0	62.7	62.7	61.8	64.1	61.0	72.4	58.0
41	21.0	22.5	21.1	23.7	13.2	22.2	20.6	23.5	22.2	20.4	23.1	19.6	24.3
42	4.2	3.4	4.6	4.3	2.0	5.5	5.1	4.4	5.0	4.8	4.1	3.1	4.4
43	11.7	11.8	9.2	13.9	12.5	11.3	11.7	9.4	10.9	10.6	11.8	4.8	13.4
44	5,691	11,298	8,101	7,615	14,714	4,662	3,860	8,617	4,979	4,221	6,495	12,936	6,120
45	4,785	9,577	6,989	6,225	12,572	3,880	3,214	7,428	4,183	3,569	5,465	11,905	5,034
46	25.71	61.64	52.20	28.90	67.93	31.69	21.67	58.72	29.35	23.67	21.94	197.49	26.02
47	<i>14.59</i>	<i>45.70</i>	<i>22.64</i>	<i>20.64</i>	<i>55.20</i>	<i>13.55</i>	<i>10.57</i>	<i>35.26</i>	<i>14.29</i>	<i>13.33</i>	<i>11.74</i>	<i>180.32</i>	<i>14.70</i>
48	2,386	1,387	2,039	1,763	2,383	1,317	1,050	3,840	4,804	1,770	1,444	2,325	3,365
49	<i>1,584,100</i>	<i>1,825,480</i>	<i>1,509,538</i>	<i>1,867,574</i>	<i>4,372,309</i>	<i>731,669</i>	<i>488,785</i>	<i>3,096,163</i>	<i>2,701,595</i>	<i>835,390</i>	<i>1,039,070</i>	<i>1,456,193</i>	<i>2,706,515</i>
50	27,976	25,512	31,944	34,355	74,694	13,382	9,112	62,154	59,089	15,078	19,804	14,764	53,175
51	15,345	16,460	17,288	20,446	32,409	7,215	4,846	35,724	31,284	8,335	10,287	11,131	30,323
52	1,487	1,696	1,838	1,452	5,537	1,093	716	2,223	4,775	987	2,093	627	2,340
53	4,280	3,199	3,465	5,066	8,717	1,870	1,340	7,036	8,433	2,390	2,523	1,408	7,570
54	4,346	2,824	7,457	5,372	14,227	1,942	1,659	13,718	9,379	2,745	2,980	1,315	8,919
55	1,648	656	1,335	1,103	5,486	767	396	2,442	3,360	852	1,216	152	2,766
56	870	677	561	916	8,288	495	1,011	1,358	309	705	127	1,257	1,257
57	628,508	837,555	617,718	803,338	2,210,735	293,689	173,841	1,527,569	1,180,617	309,918	413,175	541,743	1,200,998
58	7,436	7,086	6,989	7,116	13,181	3,054	2,398	13,534	11,866	4,419	5,383	6,679	11,742
59	6,842	6,410	6,322	6,541	11,905	2,957	2,272	12,424	11,017	4,147	4,782	6,323	10,737
60	627	578	565	618	1,293	92	113	910	806	244	468	303	886
61	67	98	102	57	113	5	13	200	43	28	23	43	69
62	781,133	829,879	792,635	834,901	1,433,108	394,605	279,064	1,390,192	1,337,972	461,527	545,864	847,937	1,280,365
63	54	40	11	34	90	15	10	12	34	11	51	19	59
64	52	39	10	34	76	15	9	12	34	10	42	19	57
65	2	1			13		1			1	9		2
66			1		1								
67	4,695	5,600	880	4,900	10,310	2,210	1,132	941	3,560	930	5,881	1,950	5,420
68		2		3		2		1		1		3	5
69		200	20	63	25		10		25		35		225
70	14,087	14,377	11,685	26,518	30,428	3,874	3,478	21,026	18,079	7,917	11,634	7,241	29,147
71	6,455	8,433	8,377	10,926	34,312	2,575	2,191	12,934	9,700	6,446	3,654	12,003	12,003
72	7,632	5,944	3,308	15,592	46,116	1,299	1,287	8,092	8,379	3,068	5,188	3,587	17,144
73	110,333	104,823	98,195	192,870	567,463	31,913	23,933	147,599	115,347	50,804	93,250	62,654	211,724
74	15,716	12,113	9,891	9,268	31,070	2,736	3,882	9,220	24,232	3,569	8,868	367	23,314
75	10,352	7,979	5,819										

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Oconto. <sup>1</sup>	Oneida. <sup>2</sup>	Outagamie. <sup>1</sup>	Ozaukee.	Peplin.	Pierce.	Polk.	Portage.	Price.
1 Population	25,657	11,433	49,102	17,123	7,577	22,079	21,367	30,945	13,795
2 <i>Population in 1900</i>	<i>20,374</i>	<i>8,875</i>	<i>40,247</i>	<i>16,303</i>	<i>7,905</i>	<i>23,943</i>	<i>17,801</i>	<i>29,433</i>	<i>9,108</i>
3 Number of all farms	2,808	698	3,650	1,714	1,038	3,213	3,399	3,229	1,352
4 <i>Number of all farms in 1900</i>	<i>2,241</i>	<i>550</i>	<i>3,479</i>	<i>1,728</i>	<i>1,054</i>	<i>3,323</i>	<i>2,907</i>	<i>3,172</i>	<i>835</i>
5 Color and nativity of farmers:									
6 Native white	1,226	295	2,235	1,234	610	1,831	1,319	1,681	282
7 Foreign-born white	1,035	387	1,223	480	428	1,382	2,078	1,548	1,069
8 Negro and other nonwhite	7	6	189				2		1
9 Number of farms, classified by size:									
10 Under 3 acres	2	1	5	2	3	8		2	
11 3 to 9 acres	56	18	154	133	19	83	33	40	8
12 10 to 19 acres	41	14	120	85	33	84	29	32	18
13 20 to 49 acres	589	184	512	252	150	525	578	310	478
14 50 to 99 acres	1,179	197	1,501	604	259	1,097	1,326	934	479
15 100 to 174 acres	750	186	1,097	495	328	951	1,027	1,274	287
16 175 to 259 acres	175	45	200	75	161	329	255	392	54
17 260 to 499 acres	58	31	57	7	75	127	132	168	21
18 500 to 999 acres	11	9	4	1	10	9	16	15	4
19 1,000 acres and over	7	3					3	3	3
<b>LAND AND FARM AREA</b>									
20 Approximate land area	715,520	576,040	413,440	149,120	151,040	360,320	598,400	519,080	818,560
21 Land in farms	284,785	78,200	336,007	140,100	135,647	347,179	378,057	411,247	119,005
22 <i>Land in farms in 1900</i>	<i>212,222</i>	<i>41,282</i>	<i>319,569</i>	<i>141,589</i>	<i>130,363</i>	<i>333,641</i>	<i>318,791</i>	<i>393,357</i>	<i>84,236</i>
23 Improved land in farms	133,961	17,733	223,065	109,267	70,175	203,646	149,577	218,149	23,105
24 <i>Improved land in farms in 1900</i>	<i>91,873</i>	<i>7,778</i>	<i>198,670</i>	<i>109,054</i>	<i>68,311</i>	<i>192,371</i>	<i>117,238</i>	<i>189,390</i>	<i>13,118</i>
25 Woodland in farms	92,010	34,122	54,675	15,028	49,665	85,036	158,175	141,398	50,008
26 Other unimproved land in farms	58,514	26,364	57,607	15,865	15,807	57,897	70,305	51,700	45,892
27 Per cent of land area in farms	39.8	13.6	81.3	94.0	89.8	96.4	63.2	79.1	14.5
28 Per cent of farm land improved	47.0	22.7	66.6	78.0	51.7	58.7	39.6	63.0	19.4
29 Average acres per farm	99	114	92	82	131	108	111	127	88
30 Average improved acres per farm	47	26	61	64	68	63	44	68	17
<b>VALUE OF FARM PROPERTY</b>									
31 All farm property	14,288,083	1,872,309	29,506,039	10,348,134	5,971,873	18,907,948	16,606,522	18,532,537	3,280,783
32 <i>All farm property in 1900</i>	<i>5,891,809</i>	<i>506,638</i>	<i>16,711,002</i>	<i>11,497,728</i>	<i>3,254,996</i>	<i>10,733,194</i>	<i>6,468,007</i>	<i>8,577,164</i>	<i>1,147,805</i>
33 Per cent increase, 1900-1910	142.5	269.6	76.6	42.2	83.5	77.0	157.1	116.1	185.8
34 Land	8,941,788	1,069,345	18,037,238	10,443,620	3,627,735	11,935,890	9,910,737	11,492,053	1,847,285
35 <i>Land in 1900</i>	<i>3,514,170</i>	<i>294,390</i>	<i>10,460,030</i>	<i>8,031,680</i>	<i>1,964,800</i>	<i>6,335,300</i>	<i>3,749,300</i>	<i>6,305,400</i>	<i>615,810</i>
36 Buildings	3,125,664	472,570	6,452,066	3,782,120	1,303,466	3,892,408	3,806,691	4,273,453	856,195
37 <i>Buildings in 1900</i>	<i>1,223,700</i>	<i>94,770</i>	<i>3,650,820</i>	<i>2,370,840</i>	<i>677,000</i>	<i>1,975,240</i>	<i>1,366,700</i>	<i>1,809,120</i>	<i>233,010</i>
38 Implements and machinery	700,041	114,940	1,269,099	613,580	255,116	769,312	694,398	835,568	168,610
39 <i>Implements, etc., in 1900</i>	<i>320,670</i>	<i>37,910</i>	<i>685,820</i>	<i>353,250</i>	<i>152,780</i>	<i>478,700</i>	<i>311,010</i>	<i>406,700</i>	<i>66,500</i>
40 Domestic animals, poultry, and bees	1,520,590	215,544	3,148,236	1,508,804	785,556	2,400,338	2,194,726	1,931,493	408,693
41 <i>Domestic animals, etc., in 1900</i>	<i>833,269</i>	<i>79,558</i>	<i>1,914,392</i>	<i>836,393</i>	<i>460,366</i>	<i>1,443,834</i>	<i>1,043,834</i>	<i>1,060,394</i>	<i>181,585</i>
42 Per cent of value of all property in—									
43 Land	62.6	57.1	63.2	63.9	60.7	62.8	59.7	62.0	56.3
44 Buildings	21.9	25.2	21.9	23.1	21.8	20.5	22.9	23.0	26.1
45 Implements and machinery	4.9	6.1	4.3	3.8	4.3	4.0	4.2	4.5	5.1
46 Domestic animals, poultry, and bees	10.6	11.5	10.7	9.2	13.2	12.6	13.2	10.4	12.4
47 Average values:									
48 All property per farm	4,932	2,722	8,084	9,538	5,753	5,913	4,886	5,739	2,427
49 Land and buildings per farm	4,208	2,241	8,074	8,300	4,751	4,926	4,036	4,882	2,000
50 Land per acre	31.40	13.67	55.47	74.51	26.74	34.38	26.21	27.94	15.62
51 <i>Land per acre in 1900</i>	<i>16.55</i>	<i>7.13</i>	<i>32.73</i>	<i>56.75</i>	<i>14.41</i>	<i>20.49</i>	<i>11.75</i>	<i>13.47</i>	<i>7.31</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>									
52 Farms reporting domestic animals	2,692	570	3,540	1,678	1,004	3,085	3,243	3,135	1,239
53 Value of domestic animals	1,481,349	206,925	3,001,375	1,453,101	755,252	2,327,125	2,143,337	1,880,991	390,671
54 Cattle:									
55 Total number	28,952	2,828	55,967	26,285	11,458	41,032	46,404	31,378	8,254
56 Dairy cows	15,709	1,479	30,693	16,094	6,593	18,579	23,811	18,789	4,369
57 Other cows	1,335	235	2,817	1,530	530	3,824	3,652	1,918	371
58 Yearling heifers	3,927	444	6,860	3,047	1,611	5,065	6,063	4,295	1,294
59 Calves	4,844	460	12,061	4,646	1,635	6,205	7,707	4,602	1,592
60 Yearling steers and bulls	1,818	149	2,537	1,070	749	4,288	3,379	1,441	455
61 Other steers and bulls	1,769	61	1,033	340	384	2,501	1,102	579	182
62 Value	574,011	67,632	1,366,214	740,498	241,082	825,143	972,344	654,160	168,485
63 Horses:									
64 Total number	7,243	1,027	11,795	5,732	3,406	10,420	8,759	9,255	1,870
65 Mature horses	6,682	996	10,763	5,222	3,139	9,536	8,063	8,649	1,786
66 Yearling colts	554	25	886	404	245	820	660	533	80
67 Spring colts	107	6	156	100	22	94	43	73	4
68 Value	807,549	123,480	1,361,704	627,425	393,554	1,200,231	993,331	1,086,068	214,972
69 Mules:									
70 Total number	14	6	39	14	11	34	41	34	8
71 Mature mules	14	6	39	12	11	32	34	32	8
72 Yearling colts						2	7	2	
73 Spring colts									
74 Value	1,820	725	4,580	718	1,075	4,010	4,735	2,700	900
75 Asses and burros:									
76 Number	1		1	1		1	2	2	
77 Value	30		100	50		10	30	500	
78 Swine:									
79 Total number	12,577	956	46,576	10,113	12,495	21,526	13,847	13,264	986
80 Mature hogs	24,252	527	24,252	5,569	5,087	11,857	8,244	8,181	567
81 Spring pigs	5,740	429	22,324	4,544	7,408	9,669	5,603	6,083	419
82 Value	82,993	8,709	293,205	73,816	92,409	175,187	128,575	118,936	8,814
83 Sheep:									
84 Total number	4,662	311	9,774	1,205	7,572	29,294	12,434	5,075	983
85 Rams, ewes, and wethers	2,836	224	6,113	678	5,202	23,154	8,423	3,371	636
86 Spring lambs	1,826	87	3,661	527	2,370	6,140	4,011	1,704	347
87 Value	14,008	1,309	35,457	4,539	27,090	122,268	43,856	17,819	3,347
88 Goats:									
89 Number	10	12	51	10	10	88	56	43	36
90 Value	38	61	35	15	42	276	166	148	153
<b>POULTRY AND BEES</b>									
91 Number of poultry of all kinds	91,276	14,782	172,645	102,903	76,204	161,675	121,395	105,627	27,280
92 Value	36,806	8,391	78,386	52,237	28,341	64,233	47,661	47,039	11,727
93 Number of colonies of bees	691	23	2,160	886	517	2,816	1,136	952	60
94 Value	2,435	228	8,475	3,526	1,963	8,980	3,728	3,433	295

<sup>1</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

# STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910—Continued.

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

	Racine.	Richland.	Rock.	Rusk.	St. Croix.	Sauk.	Sawyer.	Shawano. <sup>1</sup>	Sheboygan.	Taylor.	Trempealeau.	Vernon.	Vilas. <sup>2</sup>
1	57,424	18,809	55,533	11,100	25,910	32,800	6,227	31,884	54,888	13,641	22,928	28,116	6,019
2	<i>46,644</i>	<i>19,483</i>	<i>51,203</i>	( <sup>2</sup> )	<i>26,830</i>	<i>33,006</i>	<i>3,553</i>	<i>27,475</i>	<i>60,345</i>	<i>11,262</i>	<i>23,114</i>	<i>28,351</i>	<i>4,929</i>
3	2,203	2,546	3,787	1,069	3,119	3,806	388	3,549	3,647	1,582	3,008	4,003	149
4	<i>2,118</i>	<i>2,726</i>	<i>3,822</i>	( <sup>2</sup> )	<i>3,143</i>	<i>3,886</i>	<i>159</i>	<i>3,140</i>	<i>3,672</i>	<i>1,168</i>	<i>3,138</i>	<i>4,295</i>	<i>38</i>
5	1,338	2,261	2,548	545	1,041	3,021	201	1,545	2,023	530	1,525	2,663	60
6	866	285	1,237	519	1,478	784	182	1,967	1,024	1,052	1,463	1,304	83
7			2	5	1	1	5	3				16	6
8	8	3	17	1	5	7		3	4	2	1	3	1
9	114	44	169	10	48	136	4	59	199	30	61	115	1
10	178	35	186	16	38	117	4	52	195	33	47	101	2
11	416	233	416	342	382	352	96	470	563	441	240	472	23
12	671	604	978	392	908	886	128	1,363	1,444	670	571	1,096	61
13	573	965	1,343	213	999	1,420	107	1,242	1,078	322	1,224	1,466	33
14	186	400	476	53	472	586	31	261	138	63	552	525	14
15	53	237	190	29	241	276	15	84	26	17	297	206	12
16	4	25	11	7	25	25	3	2		3	13	18	1
17			1	6	1	1	1	7		1	2	1	1
18	207,360	377,600	458,240	592,000	470,460	538,880	844,800	741,120	333,440	634,240	478,720	525,440	533,120
19	<i>199,412</i>	<i>362,080</i>	<i>439,441</i>	<i>113,638</i>	<i>417,832</i>	<i>503,174</i>	<i>43,049</i>	<i>380,926</i>	<i>305,216</i>	<i>136,451</i>	<i>451,101</i>	<i>487,746</i>	<i>19,269</i>
20	<i>200,387</i>	<i>359,455</i>	<i>453,888</i>	( <sup>2</sup> )	<i>398,227</i>	<i>494,835</i>	<i>19,536</i>	<i>387,454</i>	<i>307,000</i>	<i>103,565</i>	<i>407,504</i>	<i>493,489</i>	<i>13,171</i>
21	147,369	189,301	359,609	25,869	296,498	282,772	10,428	170,218	227,209	33,632	200,778	262,738	4,605
22	<i>169,366</i>	<i>137,054</i>	<i>367,632</i>	( <sup>2</sup> )	<i>272,843</i>	<i>280,064</i>	<i>4,371</i>	<i>155,322</i>	<i>226,569</i>	<i>23,302</i>	<i>253,543</i>	<i>256,524</i>	<i>2,170</i>
23	20,115	125,169	38,220	32,887	74,051	140,161	15,810	130,716	40,368	61,849	136,362	187,451	7,334
24	31,928	47,610	41,612	54,882	47,343	80,241	16,811	79,992	88,639	40,710	51,461	37,557	7,330
25	96.2	95.9	95.9	19.2	88.8	93.4	5.1	51.4	91.8	21.5	94.2	92.5	3.6
26	73.9	52.3	81.8	22.8	71.0	56.2	24.2	44.7	74.2	24.8	57.8	53.9	23.9
27	90	142	116	106	134	132	111	107	34	80	150	122	121
28	67	74	95	24	95	74	27	48	62	21	87	66	39
29	22,755,702	21,642,759	45,355,529	3,326,829	23,998,981	32,540,326	1,202,098	21,467,907	31,933,314	5,409,620	21,411,077	25,289,099	668,187
30	<i>16,570,940</i>	<i>10,572,133</i>	<i>29,974,513</i>	( <sup>2</sup> )	<i>12,022,751</i>	<i>16,740,044</i>	<i>291,133</i>	<i>9,507,318</i>	<i>21,756,601</i>	<i>1,363,091</i>	<i>11,923,019</i>	<i>13,556,739</i>	<i>148,401</i>
31	46.1	104.7	51.3	( <sup>2</sup> )	99.6	94.4	312.9	130.6	46.8	172.8	79.6	86.5	359.5
32	14,535,607	14,331,290	30,256,391	2,102,721	15,177,665	20,437,630	752,134	13,351,089	19,999,980	3,180,367	12,712,278	15,376,943	406,280
33	<i>10,608,840</i>	<i>6,616,790</i>	<i>20,072,690</i>	( <sup>2</sup> )	<i>7,706,700</i>	<i>10,298,170</i>	<i>155,560</i>	<i>6,665,140</i>	<i>14,056,110</i>	<i>1,187,050</i>	<i>7,199,050</i>	<i>8,481,550</i>	<i>91,020</i>
34	5,010,925	3,500,445	8,901,610	644,153	4,021,855	6,853,385	200,835	4,849,411	7,018,267	1,294,610	4,761,017	5,274,714	180,230
35	<i>3,112,430</i>	<i>1,786,390</i>	<i>5,847,700</i>	( <sup>2</sup> )	<i>2,327,910</i>	<i>3,424,700</i>	<i>27,000</i>	<i>1,839,140</i>	<i>4,788,260</i>	<i>444,400</i>	<i>2,359,690</i>	<i>2,482,820</i>	<i>26,110</i>
36	876,417	609,296	1,355,087	135,955	970,116	1,348,110	55,416	65,416	1,339,229	277,162	968,747	1,058,870	25,098
37	<i>479,330</i>	<i>388,280</i>	<i>808,900</i>	( <sup>2</sup> )	<i>620,920</i>	<i>626,440</i>	<i>18,640</i>	<i>475,080</i>	<i>739,110</i>	<i>105,800</i>	<i>660,110</i>	<i>662,870</i>	<i>7,990</i>
38	2,323,753	3,201,728	4,782,441	384,000	2,929,845	3,901,211	133,713	2,325,050	3,575,838	657,481	2,969,035	3,301,363	56,489
39	<i>1,370,230</i>	<i>1,840,163</i>	<i>3,184,963</i>	( <sup>2</sup> )	<i>1,467,134</i>	<i>2,421,134</i>	<i>29,943</i>	<i>1,290,353</i>	<i>2,178,431</i>	<i>305,781</i>	<i>1,804,169</i>	<i>2,029,759</i>	<i>20,221</i>
40	63.9	66.2	66.7	65.0	63.2	62.8	62.6	62.2	62.6	58.8	59.4	62.8	60.8
41	22.1	16.2	19.8	19.4	20.5	21.1	21.7	22.6	22.0	23.9	22.2	20.8	27.0
42	3.9	2.8	3.0	4.0	4.0	4.1	4.0	4.4	4.2	5.1	4.5	3.3	3.8
43	10.2	14.8	10.5	11.5	12.2	12.0	11.1	10.8	11.2	12.2	13.9	13.0	8.4
44	10,329	8,501	11,977	3,112	7,604	8,550	3,008	6,049	8,756	3,419	7,118	6,318	4,484
45	<i>8,877</i>	<i>7,004</i>	<i>10,356</i>	( <sup>2</sup> )	<i>6,444</i>	<i>7,170</i>	<i>2,611</i>	<i>5,128</i>	<i>7,408</i>	<i>2,829</i>	<i>5,809</i>	<i>5,284</i>	<i>3,937</i>
46	72.89	39.58	68.35	19.03	36.32	40.62	17.47	35.05	65.31	23.31	28.18	32.55	21.08
47	<i>52.84</i>	<i>18.41</i>	<i>46.79</i>	( <sup>2</sup> )	<i>16.65</i>	<i>20.75</i>	<i>7.86</i>	<i>17.27</i>	<i>45.70</i>	<i>10.88</i>	<i>16.72</i>	<i>17.20</i>	<i>6.91</i>
48	2,141	2,500	3,711	938	3,037	3,722	308	3,444	3,589	1,480	2,944	3,889	138
49	<i>2,231,081</i>	<i>3,128,072</i>	<i>4,597,943</i>	<i>371,697</i>	<i>2,804,850</i>	<i>3,760,696</i>	<i>129,899</i>	<i>2,262,933</i>	<i>3,461,020</i>	<i>641,292</i>	<i>2,885,615</i>	<i>3,193,191</i>	<i>54,372</i>
50	29,906	51,484	65,844	6,487	54,037	64,630	1,867	46,192	62,199	13,630	52,950	63,060	667
51	<i>20,227</i>	<i>28,521</i>	<i>35,752</i>	<i>3,227</i>	<i>25,213</i>	<i>36,167</i>	<i>892</i>	<i>24,932</i>	<i>39,507</i>	<i>8,001</i>	<i>52,611</i>	<i>61,618</i>	<i>347</i>
52	1,967	2,738	4,619	446	4,277	2,811	174	2,995	1,703	583	3,354	4,246	39
53	3,143	6,840	9,195	987	7,897	8,588	284	6,032	7,010	2,057	7,688	8,530	113
54	2,881	8,130	9,751	909	9,170	10,365	279	8,961	11,433	2,191	10,205	10,380	117
55	734	2,804	3,358	546	4,755	3,285	147	2,503	1,508	613	4,084	5,271	16
56	894	2,451	3,169	282	2,725	2,413	91	769	1,038	285	2,008	3,015	35
57	1,017,098	1,550,281	1,815,886	144,109	1,092,228	1,599,637	39,671	898,275	1,961,046	291,367	1,043,673	1,355,319	18,633
58	8,670	9,810	17,982	1,812	12,257	14,124	649	9,307	12,243	2,803	12,459	13,461	276
59	<i>8,104</i>	<i>8,882</i>	<i>10,616</i>	<i>1,986</i>	<i>11,061</i>	<i>13,025</i>	<i>612</i>	<i>8,675</i>	<i>11,618</i>	<i>2,624</i>	<i>11,115</i>	<i>12,240</i>	<i>264</i>
60	499	803	1,171	121	1,075	941	33	539	609	168	1,170	1,134	12
61	67	66	105	5	121	158	4	93	116	11	174	87	
62	982,347	1,041,241	1,961,234	200,180	1,466,720	1,573,436	82,119	1,103,109	1,277,011	320,291	1,491,163	1,403,627	32,809
63	26	58	121	24	63	97	4	13	15	18	86	136	
64	24	48	109	22	53	94	4	13	14	18	71	123	
65	2	10	10	2	8	3			1		13	12	
66			2		2						2	1	
67	2,830	5,399	14,115	3,100	7,535	11,885	700	1,390	955	2,010	5,120	17,132	
68	1	1	8	2	1	5		1	2		8	3	
69	5	20	160	825	200	86		5	25		690	1,235	
70	21,449	45,061	79,720	1,400	24,469	59,393	439	32,920	28,224	2,706	21,989	28,387	193
71	<i>11,407</i>	<i>23,057</i>	<i>39,830</i>	<i>925</i>	<i>13,493</i>	<i>18,825</i>	<i>324</i>	<i>16,310</i>	<i>14,360</i>	<i>1,559</i>	<i>11,553</i>	<i>14,365</i>	<i>117</i>
72	<i>9,952</i>	<i>22,004</i>	<i>39,890</i>	<i>484</i>	<i>10,976</i>	<i>30,568</i>	<i>115</i>	<i>16,610</i>	<i>13,864</i>	<i>1,147</i>	<i>10,436</i>	<i>14,022</i>	<i>76</i>
73	189,722	334,434	677,021	11,830	206,731	469,391	4,480	205,699	211,774	22,806	188,357	235,013	1,828
74	9,856	40,576	26,735	2,318	23,940	26,868	481	17,807	2,740	1,730	41,802	40,951	179
75	<i>7,132</i>	<i>30,803</i>	<i>18,600</i>	<i>1,870</i>	<i>17,169</i>	<i>18,046</i>	<i>418</i>	<i>11,048</i>	<i>1,739</i>	<i>1,061</i>	<i>27,920</i>	<i>29,925</i>	<i>128</i>
76	<i>2,674</i>	<i>9,773</i>	<i>8,135</i>	<i>448</i>	<i>6,771</i>	<i>8,822</i>	<i>63</i>	<i>6,759</i>	<i>1,001</i>	<i>669</i>	<i>13,882</i>	<i>11,026</i>	<i>51</i>
77	39,031	196,573	129,198	10,072	91,225	105,783	2,914	53,316	10,146	4,775	152,404	180,498	987
78	12	29	80	243	44	123	2	53	26	14	100	86	16
79	48	124	329	1,572	211	478	15	239	63	43	208	367	115
80	154,310	141,955	317,753	24,586	137,555	284,914	7,421	141,696	230,872	34,027	202		

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

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

	Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.	Indian res- ervations.
1 <b>Population</b> .....	29,614	8,196	23,784	37,100	32,782	18,886	62,116	30,583	.....
2 <i>Population in 1900</i> .....	<i>29,259</i>	<i>8,521</i>	<i>23,589</i>	<i>35,229</i>	<i>31,615</i>	<i>18,972</i>	<i>53,225</i>	<i>25,865</i>	.....
3 <b>Number of all farms</b> .....	2,803	972	2,795	3,506	3,794	2,622	2,739	2,706	.....
4 <i>Number of all farms in 1900</i> .....	<i>2,754</i>	<i>449</i>	<i>2,873</i>	<i>3,549</i>	<i>3,662</i>	<i>2,739</i>	<i>2,773</i>	<i>2,359</i>	.....
5 <b>Color and nativity of farmers:</b>									
6 Native white.....	2,064	532	2,095	2,330	2,070	1,851	1,843	1,394	.....
7 Foreign-born white.....	737	438	700	1,175	1,723	771	895	1,310	.....
8 Negro and other nonwhite.....	2	2	1	1	1	1	1	2	.....
9 <b>Number of farms, classified by size:</b>									
10 Under 3 acres.....	4	2	2	5	2	.....	8	2	.....
11 3 to 9 acres.....	145	7	81	189	95	61	144	58	.....
12 10 to 19 acres.....	108	12	79	185	72	44	138	70	.....
13 20 to 49 acres.....	287	137	204	608	431	181	426	519	.....
14 50 to 99 acres.....	695	264	1,172	1,162	1,309	619	903	1,105	.....
15 100 to 174 acres.....	1,029	357	1,010	984	1,309	1,056	851	683	.....
16 175 to 250 acres.....	390	101	137	280	368	448	204	180	.....
17 260 to 499 acres.....	157	74	20	82	109	196	63	58	.....
18 500 to 999 acres.....	8	14	11	11	9	16	2	22	.....
19 1,000 acres and over.....	.....	6	.....	.....	.....	1	.....	9	.....
<b>LAND AND FARM AREA</b>									
20 Approximate land area..... acres.....	353,400	534,400	275,840	351,360	485,760	413,440	293,760	517,760	.....
21 Land in farms..... acres.....	336,776	145,370	262,902	329,832	417,309	366,102	260,598	283,732	.....
22 <i>Land in farms in 1900</i> ..... acres.....	<i>341,093</i>	<i>67,618</i>	<i>269,731</i>	<i>329,087</i>	<i>389,722</i>	<i>378,842</i>	<i>271,976</i>	<i>271,587</i>	46,699
23 Improved land in farms..... acres.....	246,544	41,587	173,339	230,514	221,248	226,165	187,551	107,957	.....
24 <i>Improved land in farms in 1900</i> ..... acres.....	<i>244,419</i>	<i>18,030</i>	<i>185,101</i>	<i>211,428</i>	<i>195,122</i>	<i>211,874</i>	<i>201,572</i>	<i>21,966</i>	9,141
25 Woodland in farms..... acres.....	38,678	54,297	42,260	41,501	104,041	102,854	22,624	65,820	.....
26 Other unimproved land in farms..... acres.....	61,554	49,486	46,803	57,817	92,020	37,083	50,423	110,005	.....
27 Per cent of land area in farms.....	94.0	27.2	95.3	93.9	85.9	88.6	88.7	54.8	.....
28 Per cent of farm land improved.....	73.2	28.6	66.1	69.9	53.0	61.8	72.0	38.0	.....
29 Average acres per farm.....	129	150	94	94	110	140	95	105	.....
30 Average improved acres per farm.....	83	43	62	66	58	86	68	40	.....
<b>VALUE OF FARM PROPERTY</b>									
31 All farm property..... dollars.....	37,182,875	3,570,620	25,933,195	36,061,181	20,139,756	16,870,803	25,136,909	14,682,828	.....
32 <i>All farm property in 1900</i> ..... dollars.....	<i>24,590,235</i>	<i>702,511</i>	<i>20,060,303</i>	<i>27,021,043</i>	<i>18,478,155</i>	<i>9,262,138</i>	<i>17,471,199</i>	<i>6,199,753</i>	802,298
33 Per cent increase, 1900-1910.....	51.2	408.4	29.3	33.4	109.5	82.1	43.9	136.8	.....
34 Land..... dollars.....	23,365,250	2,372,028	16,334,361	21,702,525	16,034,655	10,286,784	16,082,820	9,182,822	.....
35 <i>Land in 1900</i> ..... dollars.....	<i>16,461,050</i>	<i>379,590</i>	<i>13,617,770</i>	<i>18,045,620</i>	<i>7,587,340</i>	<i>5,552,210</i>	<i>11,407,040</i>	<i>3,909,710</i>	635,530
36 Buildings..... dollars.....	8,236,000	639,543	6,035,040	9,272,489	6,285,435	4,024,006	5,503,733	3,342,670	.....
37 <i>Buildings in 1900</i> ..... dollars.....	<i>4,754,250</i>	<i>145,150</i>	<i>4,085,250</i>	<i>5,859,250</i>	<i>3,915,460</i>	<i>2,038,690</i>	<i>3,669,870</i>	<i>1,234,440</i>	76,580
38 Implements and machinery..... dollars.....	1,120,750	141,688	1,091,437	1,332,133	1,107,717	753,843	938,973	587,314	.....
39 <i>Implements, etc., in 1900</i> ..... dollars.....	<i>676,860</i>	<i>44,750</i>	<i>662,240</i>	<i>832,820</i>	<i>565,520</i>	<i>459,340</i>	<i>532,720</i>	<i>273,210</i>	31,310
40 Domestic animals, poultry, and bees..... dollars.....	4,460,875	417,361	2,472,357	3,043,984	2,711,949	1,806,170	2,611,383	1,570,022	.....
41 <i>Domestic animals, etc., in 1900</i> ..... dollars.....	<i>2,693,675</i>	<i>132,321</i>	<i>1,695,003</i>	<i>2,234,253</i>	<i>1,609,326</i>	<i>1,211,398</i>	<i>1,811,569</i>	<i>732,598</i>	53,838
42 Per cent of value of all property in—									
43 Land.....	62.8	66.4	63.0	60.3	61.3	61.0	64.0	62.5	.....
44 Buildings.....	22.2	17.9	23.3	25.7	24.0	23.8	21.9	22.8	.....
45 Implements and machinery.....	3.0	4.0	4.2	3.8	4.2	4.5	3.7	4.0	.....
46 Domestic animals, poultry, and bees.....	12.0	11.7	9.5	10.1	10.4	10.7	10.4	10.7	.....
47 Average values:									
48 All property per farm..... dollars.....	13,265	3,673	9,278	10,286	6,890	6,434	9,177	5,426	.....
49 Land and buildings per farm..... dollars.....	11,274	3,098	8,003	8,532	5,883	5,458	7,821	4,629	.....
50 Land per acre..... dollars.....	69.38	16.32	62.13	65.93	38.42	28.10	61.72	32.36	.....
51 <i>Land per acre in 1900</i> ..... dollars.....	<i>48.26</i>	<i>6.62</i>	<i>51.06</i>	<i>54.34</i>	<i>18.95</i>	<i>14.35</i>	<i>42.57</i>	<i>14.40</i>	13.91
<b>DOMESTIC ANIMALS (farms and ranges)</b>									
52 Farms reporting domestic animals.....	2,756	897	2,708	3,430	3,681	2,533	2,640	2,619	.....
53 Value of domestic animals..... dollars.....	4,315,156	405,508	2,364,194	3,506,217	2,653,970	1,738,938	2,530,132	1,524,215	.....
54 <b>Cattle:</b>									
55 Total number.....	60,737	7,036	39,656	51,478	51,536	28,652	43,829	32,661	.....
56 Dairy cows.....	39,147	3,625	24,256	31,938	31,152	17,493	26,256	18,465	.....
57 Other cows.....	3,848	493	2,906	3,248	2,371	1,591	2,078	2,161	.....
58 Yearling heifers.....	8,720	1,125	4,593	6,577	6,707	3,589	5,256	4,666	.....
59 Calves.....	6,046	1,172	5,827	7,480	3,605	4,760	7,099	5,324	.....
60 Yearling steers and bulls.....	1,525	457	1,161	1,233	1,673	825	1,485	1,345	.....
61 Other steers and bulls.....	1,451	224	913	1,002	1,028	394	1,055	800	.....
62 Value..... dollars.....	2,065,932	157,726	1,037,654	1,734,696	1,171,658	676,377	1,165,459	715,105	.....
63 <b>Horses:</b>									
64 Total number.....	13,703	2,026	10,304	13,182	11,156	8,232	9,751	6,996	.....
65 Mature horses.....	12,647	1,882	9,532	12,261	10,452	7,612	9,027	6,389	.....
66 Yearling colts.....	965	131	684	806	1,043	537	635	560	.....
67 Spring colts.....	91	13	88	115	61	83	89	41	.....
68 Value..... dollars.....	1,715,400	208,645	1,089,852	1,452,599	1,276,184	908,843	1,084,047	723,268	.....
69 <b>Mules:</b>									
70 Total number.....	35	19	48	73	24	35	25	11	.....
71 Mature mules.....	33	19	46	73	24	30	22	9	.....
72 Yearling colts.....	1	.....	.....	.....	.....	.....	.....	.....	.....
73 Spring colts.....	1	.....	.....	.....	.....	.....	.....	.....	.....
74 Value..... dollars.....	3,991	1,840	3,065	8,170	2,085	3,820	2,830	795	.....
75 <b>Asses and burros:</b>									
76 Number.....	2	1	.....	8	5	.....	8	1	.....
77 Value..... dollars.....	45	20	.....	385	61	.....	80	10	.....
78 <b>Swine:</b>									
79 Total number.....	56,528	1,913	28,727	28,668	23,672	17,729	30,041	8,136	.....
80 Mature hogs.....	24,408	1,448	14,448	13,071	11,204	9,421	14,552	4,320	.....
81 Spring pigs.....	32,060	465	14,279	15,597	12,378	8,308	15,489	3,806	.....
82 Value..... dollars.....	446,916	26,297	191,833	217,385	163,489	135,267	223,125	66,143	.....
83 <b>Sheep:</b>									
84 Total number.....	20,475	2,471	10,435	20,778	10,457	4,780	13,720	5,549	.....
85 Rams, ewes, and wethers.....	14,374	1,908	7,068	14,684	6,933	3,048	9,910	3,231	.....
86 Spring lambs.....	6,101	565	3,367	6,094	3,524	1,738	3,810	2,318	.....
87 Value..... dollars.....	82,751	10,771	41,632	92,942	39,884	14,444	49,321	18,574	.....
88 <b>Goats:</b>									
89 Number.....	36	42	71	19	111	25	74	85	.....
90 Value..... dollars.....	121	209	158	40	609	187	270	420	.....
<b>POULTRY AND BEES</b>									
91 Number of poultry of all kinds.....	229,345	24,653	175,383	215,523	154,618	132,270	138,077	88,173	.....
92 Value..... dollars.....	140,882	11,142	98,706	129,812	52,802	62,075	72,248	39,777	.....
93 Number of colonies of bees.....	1,808	174	2,311	2,033	1,452	1,376	2,437	1,597	.....
94 Value..... dollars.....	4,837	711	9,457	7,955	5,177	5,167	9,003	5,930	.....

STATISTICS OF AGRICULTURE.

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

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

	THE STATE.	Adams.	Ashland. <sup>1</sup>	Barron.	Bayfield.	Brown. <sup>1</sup>	Buffalo.
<b>FARMS OPERATED BY OWNERS</b>							
1	Number of farms.....	151,022	1,421	677	3,461	1,034	3,349
2	Number of farms in 1900.....	<i>146,408</i>	<i>1,635</i>	<i>465</i>	<i>2,823</i>	<i>441</i>	<i>3,554</i>
3	Per cent of all farms.....	85.3	84.5	94.3	89.8	95.2	81.6
4	Per cent of all farms in 1900.....	<i>85.6</i>	<i>88.8</i>	<i>95.1</i>	<i>94.0</i>	<i>94.8</i>	<i>85.9</i>
5	Land in farms..... acres.....	17,369,156	261,578	65,592	355,758	110,939	278,744
6	Improved land in farms..... acres.....	9,626,706	121,193	21,219	149,054	20,128	180,101
7	Value of land and buildings..... dollars.....	952,917,170	5,975,178	1,940,190	13,869,285	2,505,336	21,306,660
<b>Degree of ownership:</b>							
8	Farms consisting of owned land only.....	140,528	1,180	654	3,136	1,010	3,151
9	Farms consisting of owned and hired land.....	10,494	235	23	325	24	198
<b>Color and nativity of owners:</b>							
10	Native white.....	87,094	957	220	1,584	259	1,723
11	Foreign-born white.....	63,379	463	429	1,877	769	1,499
12	Negro and other nonwhite.....	540	1	28	.....	6	127
<b>FARMS OPERATED BY TENANTS</b>							
13	Number of farms.....	24,654	240	29	372	41	246
14	Number of farms in 1900.....	<i>22,296</i>	<i>109</i>	<i>17</i>	<i>167</i>	<i>23</i>	<i>279</i>
15	Per cent of all farms.....	15.9	14.3	4.0	9.6	3.8	6.8
16	Per cent of all farms in 1900.....	<i>15.5</i>	<i>10.8</i>	<i>3.5</i>	<i>5.0</i>	<i>4.9</i>	<i>7.6</i>
17	Land in farms..... acres.....	3,335,777	41,159	4,130	45,949	5,188	20,549
18	Improved land in farms..... acres.....	2,125,748	19,005	1,538	19,306	1,308	15,850
19	Value of land and buildings..... dollars.....	224,109,819	1,056,540	180,950	1,731,697	122,011	1,629,730
<b>Form of tenancy:</b>							
20	Share tenants.....	11,238	160	7	114	9	40
21	Share-cash tenants.....	658	5	.....	13	.....	8
22	Cash tenants.....	10,629	57	16	217	21	170
23	Tenure not specified.....	2,129	18	6	28	11	22
<b>Color and nativity of tenants:</b>							
24	Native white.....	19,013	206	18	277	23	172
25	Foreign-born white.....	5,603	34	11	95	18	74
26	Negro and other nonwhite.....	38	.....	.....	.....	.....	46
<b>FARMS OPERATED BY MANAGERS</b>							
27	Number of farms.....	1,451	20	12	19	11	20
28	Number of farms in 1900.....	<i>1,391</i>	<i>8</i>	<i>7</i>	<i>14</i>	<i>1</i>	<i>27</i>
29	Land in farms..... acres.....	355,133	4,924	2,870	9,614	3,944	2,226
30	Improved land in farms..... acres.....	155,152	2,098	1,567	1,843	165	1,330
31	Value of land and buildings..... dollars.....	24,605,725	134,400	125,800	270,950	82,835	218,550
<b>MORTGAGE DEBT REPORTS <sup>2</sup></b>							
<b>For all farms operated by owners:</b>							
32	Number free from mortgage debt.....	72,941	679	374	1,502	631	1,574
33	Number with mortgage debt.....	77,129	737	299	1,941	395	1,765
34	Number with no mortgage report.....	952	5	4	18	8	10
<b>For farms consisting of owned land only:</b>							
35	Number reporting debt and amount.....	69,398	584	283	1,695	375	1,595
36	Value of their land and buildings..... dollars.....	427,522,421	2,301,430	790,470	6,633,809	831,105	10,017,705
37	Amount of mortgage debt..... dollars.....	146,815,313	683,124	182,583	2,048,837	211,579	3,279,473
38	Per cent of value of land and buildings.....	34.3	29.7	23.1	30.9	25.4	32.7

<sup>1</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

<sup>2</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.

<b>LIVE STOCK PRODUCTS</b>									
<b>Dairy Products</b>									
1	Dairy cows on farms reporting dairy products.....	number.....	1,427,801	8,711	2,590	23,081	2,385	25,475	21,627
2	Dairy cows on farms reporting milk produced.....	number.....	1,012,703	4,047	2,475	10,966	911	22,111	13,899
3	Milk—Produced.....	gallons.....	458,327,649	1,533,897	1,057,825	4,653,118	391,926	9,649,032	6,090,328
4	Sold.....	gallons.....	297,251,969	231,227	143,862	604,510	45,403	7,580,867	1,707,686
5	Cream sold.....	gallons.....	7,142,970	43,325	14,859	29,285	1,535	23,314	85,667
6	Butter fat sold.....	pounds.....	48,248,940	538,340	42,030	2,055,277	6,162	495,981	1,630,110
7	Butter—Produced.....	pounds.....	27,200,509	230,657	140,335	431,349	266,142	426,679	337,533
8	Sold.....	pounds.....	16,737,895	141,262	87,203	233,267	167,479	280,157	112,754
9	Cheese—Produced.....	pounds.....	841,262	800	520	165	470	160	1,017
10	Sold.....	pounds.....	821,426	800	125	5	100	.....	148
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	53,863,028	265,356	77,621	792,647	77,211	974,662	773,931
12	Receipts from sale of dairy products.....	dollars.....	51,233,399	242,985	62,608	741,118	51,374	983,842	713,199
<b>Poultry Products</b>									
13	Poultry—Raised.....	number.....	9,959,694	76,661	20,450	122,141	25,748	130,336	128,879
14	Sold.....	number.....	3,859,884	31,194	5,438	38,650	8,119	52,152	40,841
15	Eggs—Produced.....	dozens.....	48,241,082	452,335	115,913	736,509	146,976	656,567	689,260
16	Sold.....	dozens.....	32,263,836	314,655	48,967	478,924	76,140	370,592	453,170
17	Value of poultry and eggs produced.....	dollars.....	13,383,924	111,306	33,131	174,163	43,031	175,214	163,377
18	Receipts from sale of poultry and eggs.....	dollars.....	8,012,757	72,833	13,077	100,403	20,692	92,069	97,336
<b>Honey and Wax</b>									
19	Honey produced.....	pounds.....	2,153,819	5,667	1,014	32,313	2,675	41,421	17,160
20	Wax produced.....	pounds.....	65,402	270	5	1,939	55	728	1,063
21	Value of honey and wax produced.....	dollars.....	235,723	653	127	3,802	310	4,069	2,098
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn.....	number.....	587,035	1,913	885	9,658	801	2,216	17,437
23	Mohair and goat hair, fleeces shorn.....	number.....	1,104	22	3	84	4	.....	6
24	Value of wool and mohair produced.....	dollars.....	1,151,060	3,550	1,442	16,524	1,233	3,680	32,100
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves sold or slaughtered.....	number.....	741,082	3,968	1,149	6,961	633	16,953	8,196
26	Other cattle sold or slaughtered.....	number.....	463,836	5,369	806	11,024	1,274	7,954	7,833
27	Horses, mules, and asses and burros sold.....	number.....	49,998	423	82	1,035	108	754	981
28	Swine sold or slaughtered.....	number.....	1,775,980	8,716	1,573	12,757	898	19,040	38,579
29	Sheep and goats sold or slaughtered.....	number.....	413,821	978	499	7,098	2,816	2,930	9,857
30	Receipts from sale of animals.....	dollars.....	42,241,870	259,302	30,967	488,426	47,199	389,064	846,804
31	Value of animals slaughtered.....	dollars.....	7,562,766	50,884	29,931	141,889	26,537	209,569	115,824

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

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

	Burnett.	Calumet.	Chippewa. <sup>1</sup>	Clark.	Columbia.	Crawford.	Dane.	Dodge.	Door.	
<b>FARMS OPERATED BY OWNERS</b>										
1	Number of farms.....	1,589	1,883	2,769	3,850	2,554	1,025	4,437	3,772	2,224
2	Number of farms in 1900.....	<i>1,181</i>	<i>2,038</i>	<i>2,783</i>	<i>3,330</i>	<i>2,596</i>	<i>1,810</i>	<i>4,621</i>	<i>4,040</i>	<i>2,106</i>
3	Per cent of all farms.....	94.8	90.8	89.9	91.8	76.8	81.9	73.2	79.6	96.3
4	Per cent of all farms in 1900.....	<i>98.6</i>	<i>91.3</i>	<i>91.2</i>	<i>95.6</i>	<i>75.5</i>	<i>86.0</i>	<i>72.8</i>	<i>80.9</i>	<i>95.5</i>
5	Land in farms.....acres.....	212,934	179,003	338,244	363,500	359,164	281,016	526,973	392,256	234,835
6	Improved land in farms.....acres.....	53,208	131,547	168,908	135,417	231,000	127,810	384,851	294,851	129,558
7	Value of land and buildings.....dollars.....	3,790,194	16,901,020	13,613,930	17,053,880	21,970,659	7,889,096	48,144,052	40,295,016	12,118,286
<b>Degree of ownership:</b>										
8	Farms consisting of owned land only.....	1,417	1,781	2,581	3,598	2,315	1,531	4,113	3,521	2,114
9	Farms consisting of owned and hired land.....	172	102	188	252	239	94	324	251	110
<b>Color and nativity of owners:</b>										
10	Native white.....	812	1,272	1,449	1,900	1,726	1,191	2,833	2,504	1,059
11	Foreign-born white.....	758	584	1,312	1,948	827	433	1,604	1,267	1,165
12	Negro and other nonwhite.....	19	27	8	2	1	1	1	1	1
<b>FARMS OPERATED BY TENANTS</b>										
13	Number of farms.....	74	180	233	314	753	348	1,572	940	69
14	Number of farms in 1900.....	<i>13</i>	<i>170</i>	<i>231</i>	<i>191</i>	<i>825</i>	<i>284</i>	<i>1,659</i>	<i>903</i>	<i>88</i>
15	Per cent of all farms.....	4.4	8.7	9.2	7.5	22.6	17.5	25.9	19.8	3.0
16	Per cent of all farms in 1900.....	<i>1.1</i>	<i>7.6</i>	<i>7.8</i>	<i>5.5</i>	<i>24.0</i>	<i>15.5</i>	<i>26.1</i>	<i>18.1</i>	<i>4.0</i>
17	Land in farms.....acres.....	9,286	16,594	42,149	39,716	105,939	60,061	196,978	121,912	5,202
18	Improved land in farms.....acres.....	2,673	12,019	23,677	14,651	71,481	25,025	141,160	90,935	3,018
19	Value of land and buildings.....dollars.....	187,260	1,556,575	1,584,345	1,893,400	10,875,385	1,924,185	18,298,739	11,937,880	252,450
<b>Form of tenancy:</b>										
20	Share tenants.....	30	79	118	111	412	257	930	574	13
21	Share-cash tenants.....	5	5	8	7	14	3	50	12	.....
22	Cash tenants.....	36	96	118	171	300	48	566	309	45
23	Tenure not specified.....	3	.....	39	25	27	40	26	45	11
<b>Color and nativity of tenants:</b>										
24	Native white.....	47	159	223	232	576	306	1,078	677	45
25	Foreign-born white.....	26	17	58	82	176	42	491	263	24
26	Negro and other nonwhite.....	1	4	2	.....	1	.....	3	.....	.....
<b>FARMS OPERATED BY MANAGERS</b>										
27	Number of farms.....	13	11	27	32	20	10	49	29	17
28	Number of farms in 1900.....	<i>4</i>	<i>25</i>	<i>36</i>	<i>55</i>	<i>18</i>	<i>10</i>	<i>66</i>	<i>51</i>	<i>15</i>
29	Land in farms.....acres.....	4,350	1,047	7,711	8,609	5,334	2,225	12,339	5,004	12,559
30	Improved land in farms.....acres.....	630	871	3,382	1,823	3,119	937	7,708	4,020	2,422
31	Value of land and buildings.....dollars.....	99,280	108,500	437,256	324,960	360,000	77,780	1,329,710	520,960	295,860
<b>MORTGAGE DEBT REPORTS <sup>2</sup></b>										
<b>For all farms operated by owners:</b>										
32	Number free from mortgage debt.....	999	977	1,467	1,500	1,149	866	2,212	1,775	1,082
33	Number with mortgage debt.....	578	903	1,268	2,332	1,393	752	2,199	1,976	1,137
34	Number with no mortgage report.....	12	3	34	18	12	7	26	21	5
<b>For farms consisting of owned land only:</b>										
35	Number reporting debt and amount.....	494	834	1,135	2,106	1,226	686	1,979	1,800	1,043
36	Value of their land and buildings.....dollars.....	1,256,914	7,484,980	4,923,493	8,824,890	10,652,506	3,808,780	21,004,349	20,010,319	5,551,299
37	Amount of mortgage debt.....dollars.....	281,299	2,501,821	1,424,766	2,755,639	4,155,014	1,303,513	8,065,503	6,299,796	1,555,857
38	Per cent of value of land and buildings.....	22.4	33.4	28.9	31.2	39.0	34.2	38.4	31.5	28.0

<sup>1</sup> Change of boundary. (See explanation at close of text.)

<sup>2</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

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.....	7,634	19,524	20,802	32,300	24,366	16,681	63,804	54,579	13,753
2	Dairy cows on farms reporting milk produced.....	6,132	15,400	8,928	22,713	17,354	11,294	49,725	42,915	11,359
3	Milk—Produced.....gallons.....	2,433,391	7,515,241	3,546,026	9,900,135	7,120,750	4,376,198	22,125,857	21,850,974	4,180,257
4	Sold.....gallons.....	217,672	8,073,468	791,439	6,853,480	1,603,180	369,383	14,384,877	22,490,269	1,927,074
5	Cream sold.....gallons.....	13,401	24,414	135,156	178,120	135,015	234,032	716,774	129,506	48,409
6	Butter fat sold.....pounds.....	553,371	69,706	1,182,816	993,359	1,168,517	406,069	1,198,904	165,469	160,841
7	Butter—Produced.....pounds.....	165,431	239,438	483,971	723,066	738,376	529,479	658,981	483,904	449,040
8	Sold.....pounds.....	63,749	154,238	342,835	471,846	420,100	330,057	439,250	345,136	223,847
9	Cheese—Produced.....pounds.....	225	10	100	1,505	125	4,455	.....	80,729	1,500
10	Sold.....pounds.....	30	.....	1,335	125	4,375	.....	70,445	1,460	.....
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	211,900	902,269	598,661	1,171,941	757,428	445,632	2,303,623	2,450,681	353,484
12	Receipts from sale of dairy products.....dollars.....	189,681	881,120	663,263	1,107,458	674,084	393,070	2,246,685	2,412,167	301,110
<b>Poultry Products</b>										
13	Poultry—Raised.....number.....	36,779	89,663	113,896	137,685	293,243	130,572	561,925	408,333	65,501
14	Sold.....number.....	9,029	34,070	36,545	33,036	135,042	47,093	259,036	188,556	15,727
15	Eggs—Produced.....dozens.....	208,002	655,912	567,985	834,446	1,160,053	504,874	2,361,193	1,739,039	530,419
16	Sold.....dozens.....	113,769	442,496	275,750	456,767	361,256	355,843	1,750,083	1,242,528	378,936
17	Value of poultry and eggs produced.....dollars.....	47,077	159,088	146,145	201,673	354,824	153,224	725,322	522,626	125,233
18	Receipts from sale of poultry and eggs.....dollars.....	23,271	100,816	60,094	97,900	234,340	90,877	469,937	333,461	74,769
<b>Honey and Wax</b>										
19	Honey produced.....pounds.....	2,321	91,653	57,165	53,881	15,364	59,130	46,327	57,154	9,211
20	Wax produced.....pounds.....	37	1,336	893	843	1,156	826	847	821	296
21	Value of honey and wax produced.....dollars.....	326	8,878	6,509	5,559	2,157	5,841	6,040	6,080	1,057
<b>Wool, Mohair, and Goat Hair</b>										
22	Wool, fleeces shorn.....number.....	2,786	3,009	6,081	7,249	24,085	8,608	23,640	9,912	4,154
23	Mohair and goat hair, fleeces shorn.....number.....	16	.....	30	74	.....	14	.....	7	.....
24	Value of wool and mohair produced.....dollars.....	3,810	6,052	11,042	14,824	48,275	17,682	45,862	19,040	7,355
<b>DOMESTIC ANIMALS, SOLD OR SLAUGHTERED</b>										
25	Calves sold or slaughtered.....number.....	2,191	11,706	7,311	15,312	10,350	6,747	36,957	34,199	6,370
26	Other cattle sold or slaughtered.....number.....	2,696	3,633	7,472	8,664	11,882	9,435	18,916	9,713	3,875
27	Horses, mules, and asses and burros sold.....number.....	225	436	825	852	1,253	602	2,468	896	485
28	Swine sold or slaughtered.....number.....	3,211	17,208	15,959	17,086	50,665	25,676	128,853	69,401	8,752
29	Sheep and goats sold or slaughtered.....number.....	1,575	2,440	3,520	4,800	15,766	5,776	24,850	5,717	2,769
30	Receipts from sale of animals.....dollars.....	95,439	317,854	389,672	445,756	1,366,481	686,042	2,985,355	1,921,232	172,664
31	Value of animals slaughtered.....dollars.....	42,848	123,956	138,043	155,990	98,860	67,091	244,469	246,890	99,021

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

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

	Douglas.	Dunn.	Eau Claire.	Florence.	Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron. <sup>2</sup>	Jackson.	Jefferson.
1	803	2,907	1,916	256	3,362	220	3,145	1,730	1,233	1,965	114	2,087	2,682
2	<i>223</i>	<i>2,807</i>	<i>1,851</i>	<i>175</i>	<i>3,418</i>	<i>51</i>	<i>3,321</i>	<i>1,854</i>	<i>1,434</i>	<i>2,042</i>	<i>75</i>	<i>2,256</i>	<i>2,795</i>
3	94.1	88.2	88.8	93.4	79.2	92.8	77.5	70.2	77.0	78.8	95.8	87.5	79.9
4	<i>86.8</i>	<i>87.1</i>	<i>89.6</i>	<i>91.6</i>	<i>79.0</i>	<i>86.4</i>	<i>78.7</i>	<i>73.0</i>	<i>81.8</i>	<i>80.2</i>	<i>90.4</i>	<i>90.6</i>	<i>80.9</i>
5	83,278	396,044	261,295	24,933	333,774	25,056	521,828	242,402	142,349	358,218	13,507	324,583	249,684
6	16,919	206,714	161,142	7,657	241,598	5,269	308,157	188,916	85,650	227,208	3,689	153,288	162,058
7	1,816,100	14,614,440	10,471,962	637,205	28,651,756	698,226	26,116,741	20,880,226	8,545,155	10,731,082	327,725	10,171,121	22,264,005
8	781	2,615	1,707	249	3,083	200	2,889	1,589	1,152	1,829	111	1,836	2,550
9	22	292	209	7	279	20	256	141	81	136	3	251	126
10	249	1,583	1,076	40	2,343	163	2,486	1,141	574	1,466	31	1,112	1,701
11	551	1,324	839	216	1,019	47	650	580	659	499	78	966	980
12	3		1			10	3				5	9	1
13	34	362	221	12	840	12	891	706	357	510	5	279	646
14	<i>30</i>	<i>336</i>	<i>184</i>	<i>6</i>	<i>860</i>	<i>7</i>	<i>874</i>	<i>674</i>	<i>306</i>	<i>481</i>	<i>1</i>	<i>208</i>	<i>687</i>
15	4.0	11.0	10.2	4.4	19.8	5.1	22.0	28.6	22.3	20.4	4.2	11.7	19.2
16	<i>11.7</i>	<i>12.0</i>	<i>8.9</i>	<i>5.1</i>	<i>19.9</i>	<i>11.9</i>	<i>20.7</i>	<i>22.5</i>	<i>17.4</i>	<i>18.0</i>	<i>1.2</i>	<i>8.4</i>	<i>18.2</i>
17	4,908	60,148	33,550	764	104,797	2,036	181,592	111,905	61,596	98,082	451	46,722	81,111
18	1,517	33,886	22,152	321	76,297	653	101,009	88,395	42,715	62,536	220	26,071	52,300
19	427,050	2,304,510	1,536,863	22,500	8,919,870	63,650	8,801,118	9,834,503	4,567,990	5,710,072	10,300	1,625,610	6,760,265
20	1	186	101	1	555	2	319	423	276	119	1	132	296
21	3	9	14		18	1	26	8	3	29		10	5
22	15	115	88	10	240	7	424	263	66	292	3	104	296
23	15	52	18	1	27	2	122	12	12	70	1	33	49
24	8	287	186	2	679	12	830	553	248	453	3	225	467
25	26	75	35	10	161		61	153	109	57	2	53	179
26												1	
27	16	28	21	6	40	5	20	29	12	20		16	28
28	<i>4</i>	<i>28</i>	<i>31</i>	<i>10</i>	<i>48</i>	<i>1</i>	<i>24</i>	<i>12</i>	<i>13</i>	<i>24</i>	<i>7</i>	<i>24</i>	<i>31</i>
29	4,278	8,412	3,794	3,460	6,437	1,118	5,918	3,944	4,078	6,124		3,618	4,381
30	1,484	4,542	2,567	513	4,843	210	3,411	2,954	1,937	3,412		1,851	3,274
31	169,500	422,600	204,500	48,400	920,460	24,450	337,660	405,080	608,000	307,760		107,875	472,300
32	524	1,472	936	169	1,634	92	1,619	765	655	1,008	72	970	1,356
33	259	1,417	969	87	1,714	126	1,501	949	575	934	37	1,098	1,295
34	20	18	11		14	2	25	16	3	23	5	19	31
35	247	1,197	825	83	1,528	107	1,300	832	515	841	34	913	1,184
36	660,750	5,724,515	4,108,757	221,875	13,566,550	321,075	11,238,573	10,456,227	3,582,880	8,944,085	114,200	4,180,910	9,813,600
37	124,499	1,627,465	1,177,312	50,518	5,220,518	85,829	4,509,080	4,532,088	1,400,775	3,228,225	23,615	1,293,179	4,116,352
38	18.8	26.7	28.6	22.8	38.5	26.7	40.1	43.3	39.1	30.1	20.7	30.9	41.9

<sup>2</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—Continued.

1	2,085	24,001	13,964	688	42,380	528	36,520	42,877	14,032	32,648	402	16,592	39,582
2	1,233	9,847	9,408	450	25,224	349	19,877	26,427	5,612	24,990	350	11,654	27,854
3	528,882	3,940,800	4,109,426	189,068	12,515,172	146,716	7,073,493	13,509,420	2,895,670	9,973,411	190,794	4,616,407	13,930,326
4	270,945	212,049	661,694	5,162	11,022,550	13,177	2,838,505	19,401,420	142,830	10,673,031	7,413	117,327	12,961,028
5	15,511	413,241	117,971	3,579	290,185	2,943	397,222	17,959	44,233	39,028	4,207	51,159	195,982
6	4,346	1,371,672	782,760	167	1,173,598	2,572	1,417,070	62,394	864,384	216,676	6,762	1,118,869	1,241,896
7	136,011	412,934	374,748	69,738	968,409	47,955	480,385	319,725	520,143	197,720	23,373	470,581	235,624
8	62,271	172,289	221,270	35,710	847,873	23,278	300,634	222,379	437,766	116,236	12,339	267,125	212,941
9	50			798	3,000						300	250	
10	25			500	3,000								
11	96,242	762,020	461,660	20,480	1,845,869	19,331	1,000,892	1,906,714	423,672	1,103,878	12,070	483,849	1,095,127
12	78,121	669,819	421,749	11,831	1,810,773	12,583	1,015,016	1,881,892	400,458	1,082,372	9,579	432,143	1,688,437
13	21,910	146,524	105,471	6,610	278,148	8,885	339,746	184,862	117,416	180,354	5,140	113,766	301,872
14	6,167	50,834	36,144	1,962	122,283	1,620	125,114	80,012	45,303	67,133	1,313	44,609	120,349
15	100,209	714,803	479,009	39,716	1,268,343	32,365	1,342,740	952,002	430,840	759,366	23,748	673,818	1,435,396
16	46,437	453,041	265,017	17,230	343,300	11,742	997,494	698,471	294,394	539,190	8,981	406,398	1,147,561
17	34,387	181,700	128,359	12,204	376,033	12,843	394,074	250,509	128,950	225,592	7,081	169,520	416,114
18	14,832	104,086	66,612	5,097	220,486	3,080	240,323	159,977	73,597	135,551	2,647	105,421	284,202
19	1,955	35,465	34,080	150	66,874		72,537	37,735	7,346	17,231	54	43,675	21,108
20	245	669	877		1,727		3,058	982	107	277	3	954	201
21	254	4,217	3,711	15	8,209		6,970	4,356	1,056	1,792	12	4,622	2,732
22	562	12,514	5,318	360	20,998	7	26,605	7,554	11,659	11,205	46	6,640	2,984
23	5		94	1			197	1	2	37		10	2
24	839	22,736	10,293	685	42,023	6	57,902	14,602	24,052	23,732	79	13,723	5,557
25	700	7,762	5,645	341	22,231	178	16,275	26,322	7,385	16,748	89	6,768	24,039
26	744	9,343	3,894	324	12,741	207	27,207	10,233	3,338	20,332	211	5,978	8,880
27	57	924	666	34	1,008	32	2,021	945	360	1,111	6	976	533
28	640	31,738	16,301	290	51,710	208	114,558	73,517	29,279	48,342	255	19,296	47,411
29	446	6,987	3,269	134	10,789	18	21,353	4,027	5,235	10,266	529	4,174	2,329
30	23,453	675,091	347,730	8,342	1,184,989	8,263	3,066,904	1,622,689	538,408	1,711,522	6,112	511,047	1,067,176
31	17,859	119,385	80,869	9,879	223,244	5,240	210,829	110,303	59,597	111,288	7,688	76,880	141,509

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

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

	Juneau.	Kenosha.	Kewaunee.	La Crosse.	Lafayette.	Langlade.	Lincoln.	Manitowoc.	Marathon.	
<b>FARMS OPERATED BY OWNERS</b>										
1	Number of farms	2,165	980	2,011	1,374	1,680	1,319	1,070	3,741	4,869
2	Number of farms in 1900	<i>2,310</i>	<i>908</i>	<i>2,154</i>	<i>1,521</i>	<i>1,780</i>	<i>974</i>	<i>896</i>	<i>3,903</i>	<i>4,114</i>
3	Per cent of all farms	87.6	68.9	97.0	75.9	68.8	92.0	95.6	95.8	95.8
4	Per cent of all farms in 1900	<i>85.7</i>	<i>69.8</i>	<i>97.3</i>	<i>79.6</i>	<i>71.4</i>	<i>94.1</i>	<i>97.0</i>	<i>95.8</i>	<i>90.2</i>
5	Land in farms	289,001	99,786	208,861	201,113	252,302	116,301	117,407	348,384	504,504
6	Improved land in farms	139,457	75,273	139,470	107,005	196,564	42,919	31,527	236,416	174,415
7	Value of land and buildings	9,867,518	8,496,876	14,080,905	7,906,260	20,545,480	5,011,955	3,396,365	27,637,380	20,124,371
<b>Degree of ownership:</b>										
8	Farms consisting of owned land only	2,002	917	1,938	1,289	1,528	1,248	1,035	3,644	4,703
9	Farms consisting of owned and hired land	163	63	73	85	152	71	35	97	166
<b>Color and nativity of owners:</b>										
10	Native white	1,189	597	1,159	708	1,209	764	355	2,596	2,182
11	Foreign-born white	971	383	852	665	471	549	713	1,144	2,687
12	Negro and other nonwhite	5			1		6	2	1	
<b>FARMS OPERATED BY TENANTS</b>										
13	Number of farms	291	423	56	415	743	87	33	140	180
14	Number of farms in 1900	<i>360</i>	<i>377</i>	<i>62</i>	<i>379</i>	<i>690</i>	<i>56</i>	<i>22</i>	<i>154</i>	<i>138</i>
15	Per cent of all farms	11.8	29.9	2.7	22.9	30.4	6.1	2.9	3.6	3.5
16	Per cent of all farms in 1900	<i>13.4</i>	<i>29.0</i>	<i>2.4</i>	<i>19.8</i>	<i>27.6</i>	<i>5.4</i>	<i>2.4</i>	<i>3.8</i>	<i>3.1</i>
17	Land in farms	51,529	57,608	5,300	72,148	125,758	7,534	4,112	12,081	20,390
18	Improved land in farms	21,502	40,492	3,799	40,208	99,086	2,698	1,139	8,609	6,959
19	Value of land and buildings	1,840,085	4,522,570	381,400	3,134,950	9,870,054	312,954	115,700	1,033,715	753,900
<b>Form of tenancy:</b>										
20	Share tenants	142	86	12	86	157	20	8	21	47
21	Share-cash tenants	17	7	2	9	29	7		9	5
22	Cash tenants	82	316	39	256	416	29	21	96	98
23	Tenure not specified	50	17	3	64	141	31	4	14	30
<b>Color and nativity of tenants:</b>										
24	Native white	228	260	46	326	624	69	22	115	115
25	Foreign-born white	61	166	10	88	119	17	11	25	65
26	Negro and other nonwhite	2			1		1			
<b>FARMS OPERATED BY MANAGERS</b>										
27	Number of farms	14	17	7	22	18	28	16	25	31
28	Number of farms in 1900	<i>24</i>	<i>16</i>	<i>7</i>	<i>12</i>	<i>25</i>	<i>6</i>	<i>6</i>	<i>16</i>	<i>30</i>
29	Land in farms	4,120	5,068	595	3,600	3,813	4,993	3,413	3,941	7,982
30	Improved land in farms	1,353	4,748	441	2,157	2,923	2,271	883	2,033	2,779
31	Value of land and buildings	110,445	608,350	52,500	232,746	278,170	239,450	84,000	344,700	373,900
<b>MORTGAGE DEBT REPORTS</b>										
<b>For all farms operated by owners:</b>										
32	Number free from mortgage debt	992	512	1,130	728	933	508	466	1,890	2,050
33	Number with mortgage debt	1,150	462	877	640	737	808	601	1,835	2,808
34	Number with no mortgage report	23	6	4	6	10	3	3	10	11
<b>For farms consisting of owned land only:</b>										
35	Number reporting debt and amount	1,041	434	824	565	654	739	568	1,752	2,616
36	Value of their land and buildings	4,494,043	3,520,722	5,729,485	3,388,850	7,690,645	2,714,750	1,774,870	13,233,415	9,897,805
37	Amount of mortgage debt	1,397,583	1,271,420	1,569,171	1,373,533	2,431,925	771,357	407,418	4,404,635	3,028,779
38	Per cent of value of land and buildings	31.1	36.1	27.4	40.5	31.6	28.4	26.3	33.3	30.6

<sup>1</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.  
<sup>2</sup> Change of boundary. (See explanation at close of 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	14,644	15,556	17,046	19,984	30,906	6,862	4,642	35,564	30,430
2	Dairy cows on farms reporting milk produced	11,319	13,025	11,260	15,595	22,152	3,729	2,446	27,205	20,786
3	Milk—Produced	4,195,519	6,875,499	4,464,638	6,368,049	9,661,532	1,339,382	964,843	14,049,930	7,950,379
4	Sold	140,565	7,133,087	5,625,335	820,030	10,228,577	468,036	542,887	15,321,481	4,463,367
5	Cream sold	68,094	49,010	18,845	282,012	76,155	37,188	14,211	26,007	134,764
6	Butter fat sold	724,400		18,372	1,360,769	110,420	238,172	13,353	40,186	559,331
7	Butter—Produced	509,121	72,400	174,010	322,484	314,683	239,834	288,438	417,306	968,709
8	Sold	329,375	54,704	51,292	220,814	220,223	114,065	163,207	194,192	533,242
9	Cheese—Produced	120	60	155		668		506	29,835	600
10	Sold		50			668		400	29,719	
11	Value of dairy products, excluding home use of milk and cream	421,661	891,712	559,146	752,013	1,049,752	199,361	138,763	1,562,812	883,816
12	Receipts from sale of dairy products	360,740	887,202	531,068	723,818	1,025,465	169,013	108,223	1,505,022	783,454
<b>Poultry Products</b>										
13	Poultry—Raised	112,541	148,797	85,115	100,656	195,343	47,001	40,493	156,601	152,811
14	Sold	46,083	62,910	21,528	40,141	91,735	11,880	9,367	46,811	36,773
15	Eggs—Produced	530,312	641,225	624,662	634,561	810,274	223,458	196,117	1,071,840	931,780
16	Sold	350,420	469,672	362,534	421,124	583,386	94,229	96,027	746,179	459,127
17	Value of poultry and eggs produced	141,074	208,610	126,755	160,509	249,533	62,158	51,496	255,226	219,162
18	Receipts from sale of poultry and eggs	86,358	137,385	77,224	98,778	161,851	24,160	22,557	150,968	98,260
<b>Honey and Wax</b>										
19	Honey produced	62,202	3,206	11,702	19,826	13,516	9,381	10,573	85,293	61,106
20	Wax produced	1,977	22	926	567	106	372	246	1,444	1,035
21	Value of honey and wax produced	5,282	478	1,438	2,350	1,623	1,264	1,830	8,735	6,366
<b>Wool, Mohair, and Goat Hair</b>										
22	Wool, fleeces shorn	9,746	7,858	5,286	6,017	16,271	2,113	2,234	4,857	13,075
23	Mohair and goat hair, fleeces shorn	7	60			114	8	1		8
24	Value of wool and mohair produced	19,884	15,030	9,076	12,512	37,874	3,788	3,303	8,916	21,192
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>										
25	Calves sold or slaughtered	5,893	10,737	10,732	8,753	15,974	2,964	1,920	23,485	13,861
26	Other cattle sold or slaughtered	4,805	3,297	3,096	5,147	18,464	3,004	1,909	6,278	10,286
27	Horses, mules, and asses and burros sold	475	662	643	508	1,091	213	157	742	636
28	Swine sold or slaughtered	16,123	11,648	10,005	23,550	76,383	4,606	3,901	23,113	19,106
29	Sheep and goats sold or slaughtered	5,828	4,232	4,279	3,164	11,003	996	1,698	4,301	9,481
30	Receipts from sale of animals	363,509	373,191	200,053	503,363	2,091,929	93,906	49,851	445,064	372,085
31	Value of animals slaughtered	82,400	54,411	107,577	100,937	120,691	65,381	65,512	249,059	258,723

# STATISTICS OF AGRICULTURE.

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

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

	Marinette.	Marquette.	Milwaukee.	Monroe.	Oconto. <sup>1</sup>	Oneida. <sup>2</sup>	Outagamie. <sup>1</sup>	Ozaukee.	Pepin.	Pierce.	Polk.	Portage.	Price.
1	1,802	1,304	1,560	2,999	2,712	639	3,338	1,518	931	2,743	3,160	2,903	1,304
2	<i>1,243</i>	<i>1,365</i>	<i>1,740</i>	<i>3,580</i>	<i>2,114</i>	<i>527</i>	<i>3,112</i>	<i>1,660</i>	<i>634</i>	<i>2,928</i>	<i>2,747</i>	<i>2,805</i>	<i>867</i>
3	93.9	88.3	63.8	85.8	94.6	92.9	91.4	88.6	80.7	85.4	93.0	89.9	96.4
4	<i>88.6</i>	<i>89.6</i>	<i>67.5</i>	<i>89.8</i>	<i>94.5</i>	<i>93.4</i>	<i>89.4</i>	<i>90.5</i>	<i>88.6</i>	<i>88.1</i>	<i>94.5</i>	<i>88.4</i>	<i>98.0</i>
5	200,557	233,936	70,617	399,053	267,918	70,460	303,882	123,328	119,646	286,628	341,977	302,667	112,166
6	72,345	110,601	60,737	194,611	124,463	15,943	201,651	96,236	61,500	164,062	135,767	189,100	22,048
7	6,218,340	6,937,542	16,932,079	14,421,022	11,241,952	1,367,705	22,502,559	12,607,090	4,329,526	13,017,578	12,487,081	13,711,106	2,571,430
8	1,734	1,247	1,290	2,724	2,520	507	3,194	1,446	795	2,402	2,964	2,801	1,277
9	68	57	270	275	192	42	144	72	136	341	196	102	27
10	730	938	948	1,991	1,118	274	1,986	1,071	518	1,451	1,176	1,418	251
11	1,064	366	612	998	1,592	359	1,169	447	413	1,292	1,983	1,485	1,052
12	8			10	2	6	183						1
13	87	163	833	470	136	36	297	187	104	453	219	297	41
14	<i>46</i>	<i>153</i>	<i>804</i>	<i>587</i>	<i>89</i>	<i>17</i>	<i>344</i>	<i>152</i>	<i>118</i>	<i>385</i>	<i>143</i>	<i>348</i>	<i>15</i>
15	4.5	11.0	34.1	13.4	4.7	5.2	8.1	10.9	10.0	14.1	6.4	9.2	3.0
16	<i>5.6</i>	<i>10.0</i>	<i>31.2</i>	<i>10.4</i>	<i>4.0</i>	<i>4.8</i>	<i>9.9</i>	<i>8.8</i>	<i>11.2</i>	<i>11.6</i>	<i>4.9</i>	<i>11.0</i>	<i>1.7</i>
17	11,049	30,860	41,219	69,875	12,078	5,087	29,640	15,877	14,953	57,953	27,607	40,806	4,074
18	4,111	15,545	34,202	35,028	6,480	1,125	20,727	11,905	8,170	37,673	12,178	25,550	730
19	361,450	1,062,080	10,630,365	2,796,105	552,420	103,710	2,299,770	1,500,350	569,675	2,676,470	996,360	1,754,800	84,050
20	12	83	31	305	39	7	61	80	57	265	73	210	2
21	8	2	10	14	1	1	11	2	8	15	3	3	
22	56	52	592	146	82	19	208	142	31	103	95	63	36
23	11	26	200	5	14	9	17	13	8	70	48	12	3
24	59	139	511	419	94	14	236	155	89	363	132	237	26
25	28	24	322	51	38	22	55	32	15	90	86	60	15
26				4			6				1		
27	30	9	50	25	20	13	15	9	3	17	20	20	7
28	<i>12</i>	<i>6</i>	<i>52</i>	<i>13</i>	<i>38</i>	<i>6</i>	<i>29</i>	<i>16</i>	<i>2</i>	<i>10</i>	<i>17</i>	<i>19</i>	<i>3</i>
29	7,952	1,860	4,071	7,551	4,789	2,002	2,485	1,255	1,048	2,598	8,473	7,774	2,765
30	3,018	760	3,186	2,371	3,018	655	1,287	1,126	505	1,911	1,632	3,499	327
31	269,800	66,000	1,622,300	372,274	273,080	70,500	286,975	118,300	32,000	184,250	233,987	299,600	48,000
32	737	746	918	1,463	1,041	294	1,356	820	592	1,484	1,494	1,226	730
33	1,066	554	612	1,492	1,663	344	1,073	695	335	1,236	1,550	1,671	571
34	9	4	30	44	8	1	9	3	4	23	110	6	3
35	987	507	471	1,320	1,521	316	1,810	648	268	1,007	1,405	1,577	534
36	3,495,620	2,581,350	4,038,808	6,810,365	5,901,945	767,795	12,283,590	5,253,485	1,183,105	4,442,682	5,425,385	6,748,223	1,055,655
37	967,619	810,597	1,144,720	2,141,323	1,714,787	204,709	4,434,142	1,692,320	315,614	1,380,605	1,634,720	1,944,654	285,961
38	27.7	31.6	28.3	31.4	29.0	26.7	36.1	32.2	26.7	31.1	30.1	28.8	27.1

<sup>3</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—Continued.

1	8,038	10,075	10,627	29,631	15,314	1,400	30,193	15,805	6,350	17,912	22,473	18,463	4,231
2	5,234	6,888	8,440	21,476	10,389	914	20,111	13,345	4,304	9,361	15,155	15,122	2,867
3	1,806,906	2,541,824	5,143,375	8,879,053	4,016,487	391,213	9,492,384	6,475,279	1,636,321	3,587,825	6,405,008	5,796,057	1,145,751
4	621,682	154,981	4,053,121	371,241	1,536,604	89,705	9,468,834	6,197,105	63,521	96,528	1,836,111	383,946	143,206
5	44,999	48,331	16,958	183,146	67,171	1,487	106,856	54,134	33,255	89,282	29,789	26,468	28,978
6	32,600	774,008	51,995	2,437,588	417,904		214,349	63,081	404,281	1,200,548	1,525,465	1,665,134	80,639
7	509,109	101,260	484,185	547,675	484,312	140,806	575,922	224,567	160,166	512,933	503,702	273,505	200,250
8	305,324	72,551	357,513	296,972	218,726	78,859	405,718	132,256	50,574	138,917	366,155	120,385	130,144
9	1,094		28,241	2,000	200	75	25,703	25	1,350	20	128,772	55,675	6,175
10	1,094		27,530	2,000		30	25,603	25	1,250		127,644	55,675	5,765
11	235,987	285,240	675,178	1,040,532	410,650	53,204	1,227,745	713,729	191,891	523,359	773,834	606,348	121,516
12	187,665	279,669	643,127	973,156	345,773	37,256	1,182,291	688,257	164,324	433,830	737,645	576,169	90,061
13	72,335	98,831	150,241	183,039	111,581	19,264	194,063	100,437	58,600	147,207	128,487	115,017	29,162
14	22,801	37,308	56,066	80,035	35,106	6,336	68,968	37,096	21,255	49,890	29,724	34,463	6,931
15	322,529	385,946	502,971	942,235	519,394	90,115	940,463	628,037	436,098	909,737	687,145	549,635	194,011
16	169,043	284,667	284,830	600,641	299,573	34,464	609,163	424,208	331,989	647,224	429,848	265,317	85,828
17	92,461	116,038	188,447	246,876	139,560	29,698	257,556	174,767	100,078	217,287	172,087	141,038	47,180
18	44,011	74,704	93,963	149,372	71,303	10,972	149,505	106,716	70,037	138,820	91,086	63,427	20,159
19	9,071	2,280	45,828	51,112	11,424	971	67,504	22,465	7,451	42,327	9,099	16,440	1,775
20	59	10	1,069	1,139	200		2,886	423	99	493	411	317	
21	1,091	310	5,161	5,520	1,288	125	7,281	2,429	979	4,964	1,230	2,204	279
22	2,061	5,368	155	14,791	2,802	173	5,041	477	4,436	22,343	6,991	3,110	526
23		7	12	34		3	1			22	22	13	3
24	3,566	10,788	340	30,653	4,428	205	9,637	868	8,749	46,306	11,549	5,940	708
25	3,312	6,572	6,093	11,008	6,276	476	21,762	9,992	2,658	4,475	6,238	7,954	1,731
26	2,096	3,965	3,810	9,740	4,713	566	9,553	2,145	1,941	10,314	9,022	5,415	1,308
27	303	363	188	917	599	95	773	289	425	803	694	514	112
28	6,757	12,771	7,461	34,868	13,592	780	43,327	12,598	11,918	21,394	13,322	13,980	1,679
29	2,043	2,561	80	8,811	2,081	116	4,964	354	2,863	13,131	4,277	2,198	320
30	83,205	305,286	268,976	701,368	227,063	22,223	830,456	216,616	246,785	632,006	423,682	268,070	34,768
31	75,607	55,725	77,522	155,027	115,409	20,794	192,697	106,826	43,534	112,554	94,672	145,494	40,878

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR  
[Comparative data for June 1, 1900, in italics.]

	Racine.	Richland.	Rock.	Rusk.	St. Croix.	Sauk.	Sawyer.	Shawano. <sup>1</sup>	Sheboygan.	
<b>FARMS OPERATED BY OWNERS</b>										
1	Number of farms.....	1,695	1,993	2,529	983	2,684	3,248	362	3,384	3,243
2	Number of farms in 1900.....	<i>1,672</i>	<i>2,267</i>	<i>2,442</i>	(?)	<i>2,728</i>	<i>3,533</i>	<i>144</i>	<i>3,062</i>	<i>3,074</i>
3	Per cent of all farms.....	76.9	78.3	68.8	92.0	86.0	85.3	93.3	95.4	88.9
4	Per cent of all farms in 1900.....	<i>74.2</i>	<i>82.8</i>	<i>68.8</i>	(?)	<i>86.8</i>	<i>85.3</i>	<i>90.6</i>	<i>97.5</i>	<i>88.0</i>
5	Land in farms.....acres	144,933	277,945	267,116	87,081	344,676	421,788	38,238	356,014	272,704
6	Improved land in farms.....acres	107,784	145,522	219,867	22,173	239,352	235,804	9,211	161,071	202,948
7	Value of land and buildings.....dollars	14,192,742	13,469,135	24,234,541	2,305,666	16,469,960	22,682,550	881,509	17,239,575	24,031,915
8	Degree of ownership:									
9	Farms consisting of owned land only.....	1,517	1,845	2,275	941	2,401	3,032	347	3,282	3,110
10	Farms consisting of owned and hired land.....	178	148	254	42	283	216	15	102	133
11	Color and nativity of owners:									
12	Native white.....	1,018	1,728	1,639	470	1,317	2,539	186	1,428	2,311
13	Foreign-born white.....	677	265	888	503	1,367	708	172	1,925	932
14	Negro and other nonwhite.....			2	4		1	4	31	
<b>FARMS OPERATED BY TENANTS</b>										
15	Number of farms.....	450	526	1,226	66	421	550	21	147	385
16	Number of farms in 1900.....	<i>584</i>	<i>439</i>	<i>1,555</i>	(?)	<i>407</i>	<i>532</i>	<i>9</i>	<i>70</i>	<i>480</i>
17	Per cent of all farms.....	22.2	20.6	32.4	6.2	13.5	14.4	5.4	4.1	10.6
18	Per cent of all farms in 1900.....	<i>24.7</i>	<i>16.1</i>	<i>35.4</i>	(?)	<i>12.9</i>	<i>13.7</i>	<i>5.7</i>	<i>2.2</i>	<i>13.4</i>
19	Land in farms.....acres	51,827	77,748	166,855	8,242	69,471	79,163	2,947	14,970	31,141
20	Improved land in farms.....acres	37,647	40,717	135,293	1,503	54,501	45,980	769	7,649	22,700
21	Value of land and buildings.....dollars	4,942,730	3,893,350	14,476,580	186,758	3,429,060	4,474,905	78,460	749,725	2,757,132
22	Form of tenancy:									
23	Share tenants.....	54	388	852	17	256	221	4	42	73
24	Share-cash tenants.....	6	8	38	1	27	6	2	8	26
25	Cash tenants.....	326	94	256	38	77	280	4	77	267
26	Tenure not specified.....	103	36	70	10	61	43	11	20	19
27	Color and nativity of tenants:									
28	Native white.....	306	507	889	58	312	475	12	108	298
29	Foreign-born white.....	183	19	337	7	109	75	8	33	87
30	Negro and other nonwhite.....				1			1	6	
<b>FARMS OPERATED BY MANAGERS</b>										
31	Number of farms.....	19	27	32	20	14	8	5	18	19
32	Number of farms in 1900.....	<i>22</i>	<i>30</i>	<i>32</i>	(?)	<i>8</i>	<i>21</i>	<i>6</i>	<i>8</i>	<i>13</i>
33	Land in farms.....acres	2,652	6,387	5,470	17,415	3,745	2,223	1,864	9,942	2,371
34	Improved land in farms.....acres	1,938	3,092	4,449	2,193	2,645	988	448	1,498	1,561
35	Value of land and buildings.....dollars	420,060	469,250	506,880	314,450	200,000	133,500	53,000	211,200	229,200
<b>MORTGAGE DEBT REPORTS</b>										
<b>For all farms operated by owners:</b>										
36	Number free from mortgage debt.....	843	915	1,057	419	1,246	1,632	202	1,454	1,552
37	Number with mortgage debt.....	841	1,065	1,454	556	1,427	1,597	157	1,928	1,673
38	Number with no mortgage report.....	11	13	18	8	11	19	3	2	18
<b>For farms consisting of owned land only:</b>										
39	Number reporting debt and amount.....	734	935	1,296	519	1,210	1,440	148	1,811	1,572
40	Value of their land and buildings.....dollars	5,390,030	6,288,605	11,896,586	1,110,245	7,080,365	9,984,625	380,940	8,538,735	11,907,712
41	Amount of mortgage debt.....dollars	2,025,875	2,098,338	4,907,743	315,231	2,160,063	3,887,779	98,233	2,410,847	5,029,255
42	Per cent of value of land and buildings.....	37.6	33.4	41.6	28.4	30.4	38.9	25.8	28.2	42.2

<sup>1</sup> Agricultural data for Indians on reservations in 1900 shown separately in last column of table.  
<sup>2</sup> Change of boundary. (See explanation at close of 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.....	19,639	27,306	33,991	3,001	23,864	35,162	829	24,244	38,786
2	Dairy cows on farms reporting milk produced.....	17,192	21,262	21,084	2,157	7,197	26,493	409	20,947	34,162
3	Milk—Produced.....gallons	8,466,312	9,178,800	8,646,193	893,555	3,078,692	11,651,871	154,131	8,728,344	21,657,227
4	Sold.....gallons	7,905,234	7,358,369	5,781,402	58,584	1,390,881	3,355,776	26,799	4,032,668	23,047,744
5	Cream sold.....gallons	49,960	59,128	294,387	4,336	114,388	104,450	10	151,410	11,786
6	Butter fat sold.....pounds	13,345	431,139	1,024,926	42,260	1,487,019	2,781,451		648,809	20,065
7	Butter—Produced.....pounds	243,999	440,406	830,330	252,771	602,910	392,730	74,361	500,001	257,788
8	Sold.....pounds	179,909	365,823	650,723	148,403	420,319	241,113	40,047	198,535	106,385
9	Cheese—Produced.....pounds	691		45,431		150		410	100	1,348
10	Sold.....pounds	281		45,339		130				1,150
11	Value of dairy products, excluding home use of milk and cream.....dollars	933,657	1,073,960	1,240,484	83,748	765,962	1,243,728	20,694	738,188	2,308,845
12	Receipts from sale of dairy products.....dollars	916,282	1,054,806	1,195,350	59,932	718,216	1,203,579	12,370	668,993	2,269,577
<b>Poultry Products</b>										
13	Poultry—Raised.....number	220,004	153,496	324,786	29,208	142,325	282,054	10,216	155,410	183,750
14	Sold.....number	113,371	58,538	152,138	6,026	45,346	121,922	2,252	45,418	80,723
15	Eggs—Produced.....dozens	807,002	709,908	1,318,496	144,891	685,289	1,469,778	51,740	819,040	1,399,920
16	Sold.....dozens	556,193	469,872	944,294	73,860	391,895	1,071,993	21,028	485,274	1,069,446
17	Value of poultry and eggs produced.....dollars	287,380	181,381	414,750	40,398	188,191	387,180	14,971	201,789	344,696
18	Receipts from sale of poultry and eggs.....dollars	187,118	106,197	261,409	17,931	98,776	250,511	5,611	104,677	246,315
<b>Honey and Wax</b>										
19	Honey produced.....pounds	9,207	68,830	26,430	17,885	25,312	32,413		28,030	78,594
20	Wax produced.....pounds	90	1,253	3,042	623	459	877		796	2,157
21	Value of honey and wax produced.....dollars	1,145	5,764	4,088	1,925	3,548	3,897		3,383	8,243
<b>Wool, Mohair, and Goat Hair</b>										
22	Wool, fleeces shorn.....number	7,162	27,272	18,779	1,093	17,095	15,461	473	9,436	1,491
23	Mohair and goat hair, fleeces shorn.....number	1	3	105		26	8	1	16	
24	Value of wool and mohair produced.....dollars	14,154	52,404	34,615	1,913	36,964	31,922	905	15,722	2,903
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>										
25	Calves sold or slaughtered.....number	13,924	15,843	18,651	805	4,290	19,042	231	11,609	27,816
26	Other cattle sold or slaughtered.....number	7,728	11,156	13,321	1,428	7,557	11,759	599	5,339	5,448
27	Horses, mules, and asses and burros sold.....number	532	883	1,367	98	791	996	24	546	518
28	Swine sold or slaughtered.....number	22,908	43,684	75,573	1,507	14,487	62,682	386	26,470	31,750
29	Sheep and goats sold or slaughtered.....number	3,679	20,367	27,891	834	5,974	9,410	297	7,434	895
30	Receipts from sale of animals.....dollars	630,114	1,123,092	2,006,844	46,266	427,035	1,419,780	12,588	383,363	575,492
31	Value of animals slaughtered.....dollars	94,525	97,153	101,613	24,044	111,371	152,005	12,609	162,531	228,576

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

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

	Taylor.	Trempealeau.	Vernon.	Vilas. <sup>2</sup>	Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.	Indian res- ervations.
1	1,520	2,603	3,424	132	1,806	896	2,472	2,745	3,417	2,233	2,189	2,514	.....
2	<i>1,143</i>	<i>2,803</i>	<i>3,693</i>	<i>76</i>	<i>1,903</i>	<i>419</i>	<i>2,563</i>	<i>2,772</i>	<i>3,323</i>	<i>2,384</i>	<i>2,228</i>	<i>2,196</i>	<i>549</i>
3	96.1	86.5	85.5	88.6	64.4	92.2	88.4	78.3	90.1	85.2	79.9	92.9	.....
4	<i>97.8</i>	<i>89.3</i>	<i>87.2</i>	<i>91.6</i>	<i>69.1</i>	<i>93.3</i>	<i>89.2</i>	<i>78.1</i>	<i>90.7</i>	<i>87.0</i>	<i>80.3</i>	<i>93.0</i>	<i>99.1</i>
5	130,087	381,018	417,433	16,172	197,807	124,286	231,828	244,369	371,736	311,108	199,353	247,539	.....
6	32,185	219,028	224,209	3,804	146,266	36,827	152,664	173,000	195,762	191,607	143,074	97,965	.....
7	4,251,992	14,485,595	18,150,972	466,950	17,862,200	2,522,366	19,580,431	22,641,446	19,918,480	12,140,900	15,867,905	11,290,383	.....
8	1,451	2,394	3,183	118	1,672	777	2,343	2,548	3,250	2,008	1,999	2,352	.....
9	69	209	241	14	134	119	129	197	167	165	190	162	.....
10	500	1,216	2,202	51	1,285	479	1,822	1,709	1,779	1,522	1,438	1,255	.....
11	1,020	1,387	1,208	76	519	415	650	975	1,637	711	750	1,257	.....
12	.....	.....	14	5	2	2	.....	1	.....	.....	1	2	.....
13	47	399	566	12	919	61	284	701	353	374	520	165	.....
14	<i>20</i>	<i>304</i>	<i>525</i>	<i>4</i>	<i>318</i>	<i>19</i>	<i>292</i>	<i>709</i>	<i>296</i>	<i>340</i>	<i>498</i>	<i>184</i>	<i>2</i>
15	3.0	13.3	14.1	8.0	32.8	6.3	10.2	20.0	9.3	14.3	19.0	6.1	.....
16	<i>1.7</i>	<i>0.7</i>	<i>12.4</i>	<i>4.8</i>	<i>29.7</i>	<i>4.2</i>	<i>10.2</i>	<i>20.0</i>	<i>8.1</i>	<i>12.6</i>	<i>18.0</i>	<i>5.7</i>	<i>0.7</i>
17	5,007	68,887	68,154	1,761	128,296	10,052	26,837	75,343	40,682	52,746	57,167	18,576	.....
18	1,305	40,999	37,165	435	93,920	2,988	18,250	50,958	23,013	33,359	41,501	6,954	.....
19	166,335	2,868,200	2,848,135	56,970	11,175,730	214,905	2,327,270	6,474,114	2,152,460	2,009,730	4,421,510	712,100	.....
20	6	189	442	3	509	17	92	154	205	269	215	71	.....
21	.....	8	21	.....	12	3	2	14	9	3	34	3	.....
22	35	172	93	4	380	17	179	515	119	44	254	71	.....
23	6	30	10	5	18	24	11	18	20	58	17	20	.....
24	23	306	473	5	726	42	242	522	272	317	383	120	.....
25	24	93	91	6	193	19	42	179	81	57	137	45	.....
26	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	15	6	13	5	78	15	39	60	24	15	30	27	.....
28	<i>5</i>	<i>31</i>	<i>18</i>	<i>3</i>	<i>33</i>	<i>11</i>	<i>18</i>	<i>68</i>	<i>43</i>	<i>9</i>	<i>47</i>	<i>50</i>	<i>1</i>
29	1,357	1,196	2,159	1,336	10,673	11,032	4,237	10,120	4,891	2,188	4,078	17,667	.....
30	402	751	1,364	366	6,358	1,772	2,925	6,556	2,473	1,199	2,976	3,038	.....
31	56,650	119,500	152,550	62,680	2,568,320	274,300	461,700	1,819,454	249,150	100,100	1,297,138	523,000	.....
32	629	1,333	1,800	64	831	448	1,291	1,402	1,507	1,040	1,127	1,027	.....
33	884	1,258	1,587	67	950	445	1,175	1,332	1,906	1,170	1,053	1,485	.....
34	7	12	37	1	25	3	6	11	4	14	9	2	.....
35	821	1,118	1,421	60	860	369	1,092	1,206	1,761	1,055	918	1,342	.....
36	2,230,215	5,964,325	7,994,343	108,340	8,610,745	1,050,690	8,486,115	9,596,815	9,928,785	5,433,500	6,706,395	5,705,616	.....
37	626,802	1,832,369	2,564,797	38,936	3,580,007	223,968	2,929,902	3,593,724	3,223,624	1,751,983	2,643,606	1,739,817	.....
38	28.1	30.7	34.7	19.6	41.6	21.3	34.5	37.4	32.5	32.2	39.4	30.5	.....

<sup>2</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—Continued.

1	7,745	25,040	30,167	312	37,840	3,401	23,894	31,237	30,636	17,275	25,870	17,796	.....
2	3,371	20,954	22,050	191	32,433	2,447	18,774	21,037	25,015	16,888	23,687	10,225	.....
3	1,303,665	9,403,808	8,556,180	90,972	17,188,049	1,161,189	8,600,211	11,180,597	11,410,778	7,795,969	11,698,102	4,480,025	.....
4	241,542	136,678	373,777	8,586	17,453,501	24,329	7,411,031	7,890,901	5,989,835	541,520	5,748,811	2,767,275	.....
5	72,680	173,233	47,502	192	148,183	37,861	69,819	434,667	203,101	68,744	96,560	158,141	.....
6	445,190	2,072,713	1,917,310	.....	313,383	87,000	453,039	302,959	1,516,928	1,789,644	1,213,480	719,477	.....
7	219,126	533,782	1,085,207	30,379	49,859	187,310	345,890	1,048,522	308,406	103,962	726,072	239,518	.....
8	87,680	188,594	610,051	16,495	30,413	99,463	155,858	937,484	184,461	66,584	568,861	129,839	.....
9	627	100	332,585	.....	250	250	27,683	29,137	.....	300	300	25,004	.....
10	600	.....	332,510	.....	250	250	21,948	28,287	.....	300	300	24,715	.....
11	240,383	818,982	938,895	11,435	1,006,031	101,598	921,895	1,538,821	1,202,611	645,950	1,155,356	610,475	.....
12	208,550	731,752	814,386	6,419	1,900,552	81,244	879,494	1,511,755	1,170,847	635,078	1,114,183	583,794	.....
13	35,454	168,280	211,048	5,144	271,832	24,801	230,442	297,052	152,759	146,684	212,218	95,625	.....
14	5,127	71,363	83,028	1,684	122,637	6,708	96,121	135,670	52,818	59,115	96,901	32,800	.....
15	220,275	1,015,088	1,049,716	19,360	1,108,788	130,401	918,940	1,183,729	830,660	723,627	747,831	530,123	.....
16	95,566	767,770	721,941	6,053	810,367	55,945	650,851	799,770	536,259	528,091	450,662	300,032	.....
17	52,057	255,046	276,666	7,174	358,207	36,224	299,334	385,677	206,421	196,661	240,669	132,289	.....
18	19,419	176,205	169,187	2,245	227,609	14,243	182,680	237,185	119,929	126,066	142,278	70,259	.....
19	9,665	40,755	143,759	.....	17,331	1,812	71,592	44,172	20,907	19,393	58,546	37,450	.....
20	211	414	1,757	.....	290	270	1,716	2,438	595	647	537	3,132	.....
21	1,134	4,567	11,943	.....	2,741	310	6,513	6,134	2,691	2,695	6,801	4,393	.....
22	871	25,103	27,102	88	25,989	1,580	6,099	15,553	6,251	3,052	9,399	3,109	.....
23	8	6	3	.....	8	3	.....	.....	28	2	2	29	.....
24	1,556	50,792	52,555	133	48,115	2,438	12,680	33,837	11,805	6,519	19,542	5,898	.....
25	3,931	9,486	12,190	63	23,643	764	15,372	23,654	18,107	9,873	10,093	9,343	.....
26	2,133	9,312	12,923	125	9,289	1,403	4,421	7,262	6,340	3,642	5,561	7,148	.....
27	183	1,047	1,163	19	1,027	123	697	774	483	487	640	402	.....
28	3,993	22,855	32,222	131	55,215	1,971	28,418	33,448	26,262	16,074	29,818	9,225	.....
29	682	16,270	19,184	62	24,388	994	4,135	8,677	4,047	1,569	4,665	2,459	.....
30	72,174	688,812	895,993	5,048	1,425,061	47,183	519,407	945,970	502,377	348,820	585,117	264,805	.....
31	54,832	106,599	157,292	2,987	89,977	26,502	198,014	123,737	139,439	83,698	170,329	116,031	.....

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

		THE STATE.	Adams.	Ashland.	Barron.	Bayfield.	Brown.	Buffalo.
<b>VALUE OF ALL CROPS</b>								
1	Total	dollars.. 148,359,216	859,588	369,781	2,156,442	343,579	2,458,541	2,203,637
2	Cereals	dollars.. 426,740	38,886	38,886	673,077	32,032	1,005,533	1,485,264
3	Other grains and seeds	dollars.. 3,620,773	19,841	5,127	48,916	574	107,562	19,911
4	Hay and forage	dollars.. 40,866,396	202,827	150,378	850,398	150,076	921,478	476,585
5	Vegetables	dollars.. 12,511,816	121,822	58,256	370,011	83,289	227,156	87,795
6	Fruits and nuts	dollars.. 2,896,372	6,381	2,480	16,628	13,794	43,065	18,746
7	All other crops	dollars.. 15,321,940	81,077	114,654	194,517	63,814	153,747	135,336
<b>SELECTED CROPS (acres and quantity)</b>								
<b>Cereals:</b>								
8	Total	acres.. 4,951,066	54,667	3,121	49,255	2,368	75,875	105,776
9	bushels.. 150,584,600	721,782	72,172	1,553,990	59,769	2,129,060	3,009,703	3,009,703
10	Corn	acres.. 1,457,652	20,846	32	6,668	256	5,511	25,043
11	bushels.. 49,143,034	291,722	751	21,871	6,338	151,402	838,441	838,441
12	Oats	acres.. 2,164,570	11,455	2,165	23,108	1,608	43,707	46,304
13	bushels.. 71,349,038	225,036	55,769	974,319	44,681	1,421,975	1,377,555	1,377,555
14	Wheat	acres.. 140,369	353	411	1,227	245	3,099	4,575
15	bushels.. 2,641,476	3,015	5,040	21,848	3,690	47,569	88,302	88,302
16	Emmer and spelt	acres.. 6,090	27	14	149	87	42	119
17	bushels.. 166,301	282	281	4,218	946	1,134	3,445	3,445
18	Barley	acres.. 816,449	759	419	10,532	132	13,067	24,011
19	bushels.. 22,156,041	19,500	8,944	292,810	2,604	334,680	632,422	632,422
20	Buckwheat	acres.. 26,298	1,143	14	894	28	132	152
21	bushels.. 302,829	7,929	165	11,998	419	2,415	1,827	1,827
22	Rye	acres.. 389,213	20,079	66	1,877	60	10,310	4,663
23	bushels.. 4,797,775	172,498	1,222	36,923	1,091	160,765	67,511	67,511
<b>Other grains and seeds:</b>								
24	Dry peas	acres.. 78,017	1	232	357	19	4,192	40
25	bushels.. 1,165,055	11	3,623	7,251	264	53,441	535	535
26	Dry edible beans	acres.. 14,574	127	8	64	13	32	53
27	bushels.. 154,570	431	201	950	75	561	247	247
28	Flaxseed	acres.. 9,423	2	2	175	8	88	8
29	bushels.. 118,793	28	28	1,985	491	60	60	60
<b>Hay and forage:</b>								
30	Total	acres.. 3,079,102	25,167	11,129	63,725	11,384	62,726	40,709
31	tons.. 5,002,644	29,287	14,863	102,025	13,827	111,169	75,059	75,059
32	All tame or cultivated grasses	acres.. 2,565,652	13,728	10,003	58,873	10,917	55,375	34,384
33	tons.. 3,899,558	15,844	14,428	88,479	13,157	83,100	61,214	61,214
34	Timothy alone	acres.. 767,012	2,073	618	17,829	2,005	12,143	7,484
35	tons.. 1,110,446	3,157	807	24,713	2,487	17,232	12,104	12,104
36	Timothy and clover mixed	acres.. 1,612,171	8,367	10,060	38,901	8,760	38,777	23,568
37	tons.. 2,477,311	10,181	13,288	69,382	10,418	59,894	43,584	43,584
38	Clover alone	acres.. 119,522	2,005	156	1,309	123	3,308	2,218
39	tons.. 193,736	2,057	2	2,316	204	4,737	3,847	3,847
40	Alfalfa	acres.. 17,986	2	2	13	17	111	16
41	tons.. 49,794	4	4	28	6	237	40	40
42	Millet or Hungarian grass	acres.. 5,948	38	31	247	13	74	35
43	tons.. 9,854	54	56	436	16	98	55	55
44	Other tame or cultivated grasses	acres.. 43,013	344	36	484	10	962	1,063
45	tons.. 58,367	393	46	604	15	902	1,584	1,584
46	Wild, salt, or prairie grasses	acres.. 378,413	10,444	119	2,772	63	1,912	4,357
47	tons.. 497,622	11,843	142	3,470	58	2,260	6,350	6,350
48	Grains out green	acres.. 13,673	142	83	645	263	298	131
49	tons.. 26,205	155	145	1,110	305	542	257	257
50	Coarse forage	acres.. 120,196	853	21	1,275	127	5,100	1,828
51	tons.. 571,441	1,488	69	7,558	254	25,003	7,223	7,223
<b>Special crops:</b>								
52	Potatoes	acres.. 290,185	8,286	724	8,759	1,461	4,051	1,423
53	bushels.. 31,968,195	556,099	94,551	1,194,012	159,710	399,048	177,849	177,849
54	All other vegetables	acres.. 70,127	187	187	2,672	217	2,135	423
55	Tobacco	acres.. 40,458	109	109	109	5	96	96
56	pounds.. 46,909,182	25	25	115,870	6,993	6,993	105,626	105,626
57	Sugar beets	acres.. 12,379	1	1	273	439	5	5
58	tons.. 127,526	3	3	2,493	3,543	63	63	63
59	Maple trees	number.. 449,727	47	2,987	9,569	1,280	1,433	90
60	Maple sugar (made)	pounds.. 27,199	225	225	373	735	50	20
61	Maple sirup (made)	gallons.. 124,117	19	1,002	2,189	217	350	30
<b>FRUITS AND NUTS</b>								
<b>Orchard fruits:</b>								
62	Total	trees.. 2,861,830	9,387	2,759	13,068	7,417	65,885	19,672
63	bushels.. 2,343,517	6,188	1,687	8,435	8,435	56,217	25,478	25,478
64	Apples	trees.. 2,430,232	8,390	2,421	9,850	6,396	55,100	18,583
65	bushels.. 2,232,112	6,072	1,636	7,986	7,986	52,773	25,169	25,169
66	Pears	trees.. 29,841	4	4	20	1	59	21
67	bushels.. 12,992	5	5	5	5	13	75	75
68	Plums and prunes	trees.. 105,909	562	95	2,902	274	829	875
69	bushels.. 15,907	81	7	432	88	85	186	186
70	Cherries	trees.. 290,495	407	242	203	740	9,878	158
71	bushels.. 81,340	44	44	5	34	3,344	8	8
72	Grapes	vines.. 148,348	470	33	64	42	651	3,146
73	pounds.. 701,329	2,102	50	481	54	8,181	4,751	4,751
<b>Small fruits:</b>								
74	Total	acres.. 6,305	11	6	52	71	78	23
75	quarts.. 9,782,779	12,931	5,450	87,057	100,934	131,434	36,996	36,996
76	Strawberries	acres.. 2,803	7	2	12	50	47	17
77	quarts.. 5,188,117	7,495	2,311	15,615	78,460	92,606	28,437	28,437
78	Cranberries	acres.. 1,689	( <sup>2</sup> )	320	30	30	( <sup>2</sup> )	( <sup>2</sup> )
79	quarts.. 2,549,344	320	320	62,528	62,528	128	128	128
80	Nuts	trees.. 40,789	184	184	184	202	53	53
81	pounds.. 609,428	4,600	4,600	4,600	4,600	1,275	1,300	1,300

<sup>1</sup> Change of boundary. (See explanation at close of text.)

TABLE 5.—SELECTED FARM EXPENSES

1	Labor	Farms reporting	91,119	759	273	1,715	505	1,826	1,427
2	Cash expended	dollars.. 14,087,638	60,524	36,972	154,959	69,332	212,708	225,332	225,332
3	Rent and board furnished	dollars.. 5,107,835	22,701	10,610	46,889	17,485	73,080	91,613	91,613
4	Fertilizer	Farms reporting	2,995	16	8	164	25	122	9
5	Amount expended	dollars.. 127,763	516	270	3,859	1,485	4,595	245	245
6	Feed	Farms reporting	73,512	870	400	1,586	704	1,414	768
7	Amount expended	dollars.. 5,672,916	53,466	34,444	90,259	67,195	91,822	48,068	48,068
8	Receipts from sale of feedable crops	dollars.. 14,857,856	16,884	20,643	237,079	18,374	412,939	261,633	261,633

# STATISTICS OF AGRICULTURE.

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

	Burnett.	Calumet.	Chippewa.	Clark.	Columbia.	Crawford.	Dane.	Dodge.	Door.	Douglas.	Dunn.	Eau Claire.	Flourance.
1	552,902	2,222,640	2,320,789	2,151,733	3,726,584	1,787,644	7,926,838	5,518,203	1,679,929	255,583	2,580,651	1,980,280	175,067
2	202,886	1,225,057	970,050	630,990	2,207,773	745,001	3,253,271	3,670,828	445,700	22,346	1,404,297	1,046,801	29,732
3	12,034	259,118	26,747	17,557	169,376	12,699	56,238	77,757	516,372	617	52,656	55,247	689
4	176,192	514,202	723,688	1,004,792	584,828	524,075	1,535,318	1,217,749	444,094	110,493	634,086	542,354	42,525
5	51,508	68,133	293,347	152,682	289,830	89,506	351,118	249,111	106,383	50,883	216,463	167,415	26,714
6	4,923	30,102	25,209	15,617	35,513	29,780	77,867	76,137	1,970	1,980	24,218	66,902	2,277
7	75,359	125,428	181,748	330,095	450,264	395,683	2,053,026	226,621	102,306	57,274	248,531	101,561	73,130
8	16,387	65,310	84,955	46,918	148,812	54,400	248,243	210,252	35,037	1,898	112,919	85,890	1,987
9	375,877	2,350,011	2,252,152	1,394,960	4,508,867	1,503,992	7,676,322	7,388,178	848,694	41,506	3,104,140	2,314,629	53,194
10	5,494	9,480	13,731	8,833	58,957	23,027	107,182	50,278	1,417	519	31,400	16,629	64
11	146,792	440,955	388,300	264,560	2,014,937	711,410	3,501,937	1,922,419	41,881	11,430	866,065	434,808	1,824
12	5,109	23,484	55,479	24,455	59,695	21,427	99,968	81,363	16,182	839	52,680	44,584	1,612
13	143,219	1,002,531	1,522,100	809,770	1,864,154	598,420	3,157,306	3,413,562	492,382	22,108	1,624,942	1,395,991	45,053
14	3,951	3,216	1,079	1,116	2,042	2,968	2,522	7,314	3,474	159	3,534	2,713	54
15	58,309	75,364	20,194	20,625	38,010	48,836	48,595	149,199	52,070	2,368	69,989	50,787	872
16	85	27	95	68	182	80	226	87	106	14	176	186	3
17	1,429	848	3,020	2,021	4,804	2,056	7,875	2,355	2,474	420	3,420	4,886	126
18	568	26,893	8,983	9,063	16,102	5,810	34,873	68,916	5,272	97	17,071	10,802	195
19	12,494	786,853	230,424	234,002	438,827	134,019	910,388	1,857,668	128,166	1,811	443,559	286,280	4,241
20	368	57	850	407	577	396	225	136	90	58	1,384	1,675	8
21	4,237	1,178	8,307	5,641	7,546	5,641	4,218	2,836	1,108	848	14,422	16,098	98
22	822	2,183	4,736	2,972	11,255	692	3,247	2,158	8,468	212	6,668	9,301	51
23	9,397	42,752	79,787	50,378	141,199	8,610	46,003	40,139	130,260	2,521	81,734	125,779	980
24	1	2,232	400	376	1,009	544	957	577	21,845	12	219	47	20
25	29	51,850	0,577	7,729	17,971	8,168	23,609	12,015	307,739	197	3,602	320	396
26	334	115	115	15	5,065	30	591	94	123	173	185	135	2
27	2,773	1,539	671	75,311	16	396	8,088	1,323	1,871	195	2,327	1,398	44
28	9	48	71	49	10	2	2	17	69	1	37	49	.....
29	82	557	687	742	148	.....	38	135	808	6	472	384	.....
30	22,841	31,519	58,787	64,880	57,768	45,582	112,825	85,787	34,223	9,085	57,050	42,027	3,468
31	32,113	58,497	87,438	118,258	86,732	62,699	182,299	170,630	48,558	11,028	86,168	64,797	3,089
32	14,705	29,506	54,968	60,239	36,209	42,828	92,599	48,055	32,750	8,106	46,915	37,648	3,321
33	21,143	51,211	75,779	104,261	52,718	58,564	145,407	90,700	42,581	9,307	69,707	56,354	2,768
34	2,314	5,681	17,242	16,749	12,258	15,549	35,050	10,266	6,150	1,219	13,106	11,563	1,603
35	3,892	9,334	21,843	28,538	16,583	21,320	52,167	29,265	8,092	1,268	16,705	1,076	1,076
36	11,130	17,589	34,587	41,874	20,647	25,899	50,417	25,250	23,615	6,700	30,114	22,095	1,779
37	16,503	29,743	49,452	73,239	31,546	35,177	79,909	48,697	30,254	7,887	46,617	33,752	1,640
38	515	5,220	1,480	680	2,481	738	4,186	3,295	2,766	55	2,163	3,824	18
39	708	9,057	2,272	1,198	3,592	1,231	7,619	6,689	3,962	90	3,408	5,427	22
40	10	803	7	6	37	22	664	364	71	4	32	2	.....
41	13	2,774	13	13	94	71	1,654	1,075	148	6	72	15	16
42	75	67	115	209	100	65	173	68	24	98	153	22	29
43	125	104	182	371	119	69	327	144	44	110	79	22	6
44	661	146	1,537	721	686	555	2,103	2,812	124	30	1,331	239	1
45	902	199	2,022	902	784	786	3,371	4,800	81	30	1,723	445	3
46	7,402	1,253	2,254	1,598	19,798	1,552	17,480	34,790	161	486	7,732	3,002	9
47	9,120	1,557	2,833	2,010	29,790	2,096	27,014	59,849	113	696	9,931	4,699	11
48	212	60	138	571	205	197	415	165	94	462	81	44	103
49	238	87	315	1,077	531	302	1,109	488	150	612	87	56	129
50	422	676	1,425	2,450	1,556	975	2,777	2,777	1,214	91	2,312	730	35
51	1,287	5,563	8,497	10,662	3,693	1,647	8,904	5,603	3,923	323	6,216	3,675	181
52	2,435	922	8,717	2,992	7,098	1,237	5,883	4,151	2,273	971	6,033	3,703	379
53	287,735	119,138	943,406	336,540	1,350,775	137,894	679,675	558,791	225,301	111,103	689,975	398,756	57,898
54	366	654	1,873	824	1,826	508	1,534	2,239	1,271	321	407	1,650	107
55	.....	312	24	3,521	2,491	10,789	28	28	.....	.....	406	17	.....
56	85	292,146	5,800	3,611,632	2,743,972	20,932,967	33,651	2,124	100	478,156	17,725	50	.....
57	2	743	419	42	140	240	1,247	700	25	135	94	.....	.....
58	10	7,896	3,356	30	1,387	1,853	14,060	6,119	156	1	1,237	1,082	.....
59	110	2,872	13,318	54,147	5,313	137	10,697	780	100	7,924	2,403	5,066	.....
60	.....	80	920	3,685	480	480	430	10	.....	741	15	920	.....
61	30	1,056	2,928	13,103	1,720	44	4,027	234	10	2,203	423	1,557	.....
62	2,019	49,325	24,555	16,828	64,514	47,996	92,645	95,354	94,720	1,232	19,007	26,026	2,124
63	654	46,816	20,842	12,108	34,034	47,030	51,747	79,613	78,747	359	17,129	21,937	2,340
64	1,231	40,776	21,174	14,596	53,087	43,817	73,686	71,850	77,764	1,058	17,006	22,698	2,025
65	565	44,602	20,114	11,837	32,421	46,374	47,523	73,066	70,969	357	16,688	21,451	2,333
66	98	20	20	20	275	154	652	279	305	4	18	.....	7
67	16	.....	.....	.....	56	31	276	76	208	.....	.....	.....	.....
68	719	475	3,150	1,583	2,372	2,992	5,872	1,070	2,238	155	1,854	3,101	31
69	86	32	705	244	160	527	1,512	111	690	2	435	482	.....
70	65	7,968	162	591	8,711	896	12,026	22,546	14,303	2	120	326	61
71	3	2,161	6	26	1,392	92	2,488	6,331	6,860	.....	4	24	7
72	73	185	496	354	3,579	3,561	10,125	2,361	1,095	.....	491	637	1
73	763	1,485	3,598	2,320	12,991	3,876	38,457	17,342	4,640	.....	4,252	4,410	.....
74	71	24	56	47	76	37	178	120	101	18	67	392	.....
75	66,276	34,149	89,657	62,839	95,953	43,560	295,198	142,952	252,979	14,002	159,504	655,788	367
76	8	15	40	18	46	17	95	65	72	14	48	.....	.....
77	7,425	19,740	69,653	30,797	69,898	22,487	224,143	102,384	206,994	10,843	123,147	445,187	180
78	58	.....	1	(?)	64	.....	4	2	.....	(?)	(?)	1	.....
79	55,040	.....	544	.....	.....	.....	192	32	.....	64	32	2,112	.....
80	.....	1,039	2	.....	1,023	694	1,169	1,272	.....	.....	11	11	.....
81	.....	10,835	60	.....	14,098	11,356	22,924	21,125	.....	.....	500	400	.....

\* Reported in fractions of an acre.

## AND RECEIPTS, BY COUNTIES: 1909.

1	696	1,246	1,494	1,591	1,847	992	3,862	2,957	1,382	314	1,793	1,181	142
2	46,268	191,388	223,585	143,288	333,400	140,296	761,710	580,009	156,118	34,907	242,386	198,382	18,590
3	16,951	86,487	75,626	42,912	132,144	34,333	287,546	224,214	50,995	8,730	79,780	62,441	7,042
4	5	8	33	15	55	24	106	42	25	6	88	94	2
5	361	378	1,395	205	1,354	550	9,091	1,638	633	76	1,600	4,004	16
6	815	405	1,028	1,974	1,171	674	2,479	1,780	593	556	1,221	684	158
7	36,654	20,508	72,964	115,501	107,079	46,116	227,870	121,800	2				

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

		Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron.	Jackson.	Jefferson.
<b>VALUE OF ALL CROPS</b>										
1	Total	dollars. 4,646,915	165,981	4,702,792	2,918,505	1,571,518	2,623,660	74,218	1,853,877	3,091,103
2	Cereals	dollars. 2,942,865	13,941	2,870,895	1,784,126	1,136,881	1,429,074	7,231	1,007,191	1,802,098
3	Other grains and seeds	dollars. 90,294	512	41,686	4,815	34,679	4,233	676	61,011	25,610
4	Hay and forage	dollars. 1,065,726	36,334	1,269,671	906,089	252,012	956,158	26,600	477,084	848,082
5	Vegetables	dollars. 256,707	30,518	244,012	87,663	70,707	90,994	13,730	96,831	128,859
6	Fruits and nuts	dollars. 104,448	473	56,480	15,055	18,297	21,299	469	48,738	36,747
7	All other crops	dollars. 186,875	84,203	220,048	120,757	58,942	121,902	25,512	163,022	240,707
<b>SELECTED CROPS (acres and quantity)</b>										
8	<b>Cereals:</b>									
9	Total	acres. 164,910	789	181,330	108,004	74,556	95,066	480	82,498	103,477
10	Corn	bushels. 6,056,981	25,429	6,080,204	3,421,705	2,405,318	2,913,882	12,188	2,173,401	3,644,296
11	Oats	acres. 39,930	55	89,528	56,915	23,728	38,148	18	16,058	40,250
12	Wheat	bushels. 1,625,071	908	3,194,236	1,880,987	986,094	1,272,498	747	430,907	1,516,137
13	Emmer and spelt	acres. 72,551	617	75,741	35,421	31,705	41,433	311	43,491	45,469
14	Barley	bushels. 2,912,602	22,010	2,520,844	1,147,206	992,650	1,314,454	9,044	1,326,309	1,688,972
15	Buckwheat	acres. 1,651	10	2,117	494	1,841	1,111	88	4,554	3,191
16	Rye	bushels. 35,205	182	38,054	10,137	31,514	20,132	1,537	90,265	62,807
17	Other grains and seeds:	acres. 275	12	175	112	8	45	.....	70	115
18	Dry peas	bushels. 9,525	95	4,524	2,051	292	1,080	.....	1,770	2,654
19	Dry edible beans	acres. 49,027	66	11,661	14,132	10,557	9,812	47	8,868	10,940
20	Flaxseed	bushels. 1,445,239	1,702	309,868	308,636	312,294	259,881	636	211,672	317,253
21	Hay and forage:	acres. 358	14	301	38	185	143	5	1,994	176
22	All tame or cultivated grasses	bushels. 7,159	230	3,406	699	3,326	2,137	100	16,227	2,586
23	Timothy alone	acres. 1,107	15	1,777	892	6,532	4,374	11	7,457	3,328
24	Timothy and clover mixed	bushels. 20,780	242	19,027	11,429	79,148	43,704	124	96,071	53,387
25	Other tame or cultivated grasses:	acres. 225	23	1,471	.....	260	69	45	32	277
26	Alfalfa	bushels. 4,919	340	21,001	.....	3,084	1,698	572	692	5,501
27	Other tame or cultivated grasses	acres. 55	3	87	.....	1,052	.....	.....	207	13
28	Flaxseed	bushels. 370	41	1,039	42	6,987	21	.....	1,824	213
29	Hay and forage:	acres. 82	.....	32	.....	2	.....	.....	19	3
30	All tame or cultivated grasses	bushels. 1,065	.....	425	.....	136	.....	.....	78	28
31	Total	acres. 71,031	2,239	102,303	58,022	30,086	75,027	1,916	40,241	67,189
32	All tame or cultivated grasses	tons. 128,029	2,330	146,497	96,685	40,372	105,764	2,461	66,792	112,088
33	Timothy alone	acres. 55,166	2,010	98,094	53,259	14,011	69,012	1,844	34,651	35,765
34	Timothy and clover mixed	tons. 96,208	2,428	132,469	88,440	19,221	95,127	2,223	54,283	60,608
35	Clover alone	acres. 13,538	877	40,266	20,987	3,278	26,245	509	8,570	12,606
36	Other tame or cultivated grasses	tons. 29,653	1,047	53,275	32,328	4,335	35,338	643	12,425	20,569
37	Alfalfa	acres. 28,482	1,026	55,738	25,708	8,261	40,275	1,218	22,797	14,640
38	Other tame or cultivated grasses	tons. 50,634	1,237	76,021	42,137	11,817	56,332	1,462	36,740	24,555
39	Millet or Hungarian grass	acres. 5,057	46	1,083	2,412	2,272	56,791	115	2,860	2,824
40	Alfalfa	tons. 9,397	49	1,636	4,028	2,814	1,157	116	4,603	5,085
41	Other tame or cultivated grasses	acres. 1,623	.....	85	.....	27	.....	.....	20	2,251
42	Millet or Hungarian grass	tons. 4,467	.....	217	6,435	55	224	.....	42	5,980
43	Other tame or cultivated grasses	acres. 59	61	116	93	36	122	2	31	74
44	Wild, salt, or prairie grasses	tons. 1,965	.....	1,115	3,302	147	1,905	.....	433	4,382
45	Grains cut green	acres. 13,153	121	2,379	2,543	15,717	3,418	37	3,774	28,015
46	Coarse forage	tons. 17,199	126	3,593	4,068	19,628	4,567	151	4,756	36,240
47	Special crops:	acres. 62	60	250	146	195	62	23	147	324
48	Potatoes	acres. 255	99	510	260	605	84	37	147	785
49	Tobacco	acres. 2,647	25	1,580	2,074	163	2,635	12	1,668	3,083
50	Sugar beets	tons. 14,345	132	3,933	3,917	918	5,086	50	7,599	14,345
51	Maple trees	acres. 5,080	493	3,642	1,163	2,344	1,250	201	2,189	1,771
52	Maple sugar (made)	bushels. 845,106	62,968	368,825	121,365	250,265	137,044	26,408	178,594	193,395
53	Maple sirup (made)	acres. 1,274	104	1,013	533	555	421	40	672	824
54	Other special crops	acres. 5	.....	294	.....	.....	.....	.....	338	455
55	Sugar beets	pounds. 5,125	.....	297,464	294,210	25	600	.....	315,315	534,463
56	Maple trees	acres. 724	.....	378	.....	23	.....	.....	166	170
57	Maple sugar (made)	tons. 6,951	.....	378	.....	15	.....	.....	1,188	1,669
58	Maple sirup (made)	pounds. 2,137	4,315	4,195	1,270	23	.....	625	275	3,107
59	Maple sirup (made)	gallons. 765	1,278	1,488	409	5	.....	50	.....	650
60	Maple sirup (made)	.....	.....	.....	.....	.....	.....	124	60	879
61	Maple sirup (made)	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>FRUITS AND NUTS</b>										
62	Total	trees. 111,494	164	85,518	53,164	40,840	31,254	584	20,025	54,818
63	Apples	bushels. 142,667	83	51,708	7,745	18,269	24,462	416	18,786	28,767
64	Pears	trees. 91,859	158	72,502	38,314	34,578	29,500	469	17,508	43,588
65	Plums and prunes	bushels. 136,859	83	49,449	6,248	17,086	24,184	405	18,592	26,443
66	Cherries	trees. 197	.....	508	949	73	74	.....	8	2,133
67	Other fruits and nuts	bushels. 62	.....	129	86	8	15	.....	2	470
68	Apples	trees. 1,209	5	8,939	5,713	645	1,174	56	2,125	1,514
69	Pears	bushels. 132	.....	1,601	568	29	155	5	190	199
70	Plums and prunes	trees. 18,112	1	3,181	7,455	5,464	451	59	336	7,486
71	Cherries	bushels. 5,607	.....	498	836	1,141	87	6	2	1,642
72	Grapes	vines. 1,423	.....	33,191	3,925	404	1,846	.....	422	11,973
73	Small fruits	pounds. 11,411	.....	110,794	18,294	2,352	10,200	.....	2,253	46,106
74	Total	acres. 131	3	75	39	28	17	1	697	74
75	Strawberries	quarts. 216,878	3,013	94,359	48,369	31,639	20,433	560	568,718	83,482
76	Cranberries	acres. 63	2	42	16	18	10	1	112	32
77	Other small fruits	quarts. 114,865	2,435	69,409	23,273	20,764	14,010	485	200,878	45,656
78	Nuts	acres. (2)	96	32	(2)	32	96	.....	310,144	128
79	Other nuts	quarts. 27,475	.....	17,644	5,195	18,445	5,000	.....	86	1,299
80	Other nuts	.....	.....	.....	.....	.....	.....	.....	2,850	29,259
81	Other nuts	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Change of boundary. (See explanation at close of text.)

TABLE 5.—SELECTED FARM EXPENSES

1	Labor	Farms reporting	2,335	131	2,129	1,341	850	1,376	71	1,316	1,836
2		Cash expended	414,688	21,536	327,849	302,770	160,945	232,112	19,315	201,495	354,220
3		Rent and board furnished	151,392	6,118	105,593	102,631	55,812	80,144	5,706	68,850	135,594
4	Fertilizer	Farms reporting	31	2	105	18	24	3	53	43	
5		Amount expended	2,744	42	2,880	599	1,449	27	96	1,604	1,961
6	Feed	Farms reporting	1,676	145	1,393	883	528	886	60	654	1,578
7		Amount expended	139,320	17,165	149,337	97,102	43,599	67,799	5,993	62,078	147,409
8	Receipts from sale of feedable crops	dollars.	1,047,340	9,479	169,899	79,096	233,445	78,884	6,162	152,090	154,721

# STATISTICS OF AGRICULTURE.

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

	Juneau.	Kenosha.	Kewaunee.	La Crosse.	Lafayette.	Langlade.	Lincoln.	Manitowoc.	Marathon.	Marinette.	Marquette.	Milwaukee.	Monroe.
1	1,427,308	1,771,711	1,668,383	1,694,725	3,108,478	813,886	613,590	3,813,474	2,758,318	963,655	1,004,689	2,529,830	2,589,844
2	650,941	754,205	587,474	949,025	1,891,801	215,258	98,627	1,307,742	743,181	305,268	521,520	588,502	1,247,188
3	53,200	2,890	281,731	4,378	3,247	32,701	4,600	337,064	29,276	71,750	44,712	19,442	19,866
4	350,124	541,809	585,537	405,252	1,036,827	272,679	199,127	1,218,296	1,076,091	297,924	197,481	642,359	757,899
5	167,495	339,744	84,878	122,072	99,576	80,234	68,742	133,399	242,397	151,121	118,736	853,902	147,761
6	28,169	42,333	31,879	34,053	13,219	4,782	2,742	617,301	19,675	19,880	17,208	67,397	121,831
7	171,379	90,680	96,884	179,945	63,806	208,172	230,752	199,672	647,698	117,706	105,032	358,228	295,219
8	62,022	44,109	45,252	87,891	109,379	13,610	7,784	86,630	60,140	22,013	54,014	30,804	96,622
9	1,403,062	1,647,164	1,114,781	1,980,076	3,612,332	436,923	212,890	2,488,330	1,598,441	599,669	951,460	1,129,528	2,681,805
10	18,768	22,090	781	19,810	59,228	602	275	3,126	3,742	3,597	19,703	10,015	22,720
11	370,899	817,533	22,438	621,425	2,152,968	24,367	7,944	117,162	131,419	94,913	440,722	397,882	561,846
12	27,618	27,987	20,142	28,504	40,783	9,554	5,807	39,197	38,085	13,029	14,168	15,368	49,394
13	809,963	717,202	613,246	911,885	1,425,828	325,550	108,323	1,322,037	1,058,750	405,503	303,170	584,110	1,598,363
14	1,372	613	5,377	1,997	182	193	107	4,264	1,878	893	335	459	3,049
15	24,352	13,636	82,357	40,915	9,976	3,882	1,952	77,381	29,493	15,669	4,974	9,711	57,681
16	36	60	48	125	18	18	87	41	103	72	28	32	116
17	243	1,643	882	2,757	695	196	1,364	1,088	2,843	1,758	824	623	3,233
18	4,748	2,865	10,106	11,329	8,549	2,597	1,178	26,652	12,244	1,499	437	3,068	13,572
19	121,008	87,041	261,131	333,538	218,806	70,481	27,294	739,232	312,449	32,019	10,736	112,089	371,557
20	2,349	49	39	16	53	16	53	27	101	430	283	18	1,395
21	23,580	703	522	3,959	1,076	248	726	639	1,243	5,072	3,137	315	12,475
22	7,123	505	8,759	5,944	203	630	13,243	3,985	2,478	19,000	1,234	1,376	6,376
23	52,977	9,406	134,178	65,797	3,315	12,699	5,282	228,065	62,194	43,989	187,887	24,448	70,450
24	96		12,536	25	18	1,459	257	9,073	1,699	2,900	45	9	48
25	1,678		158,011	120	260	27,331	4,105	142,263	26,795	44,212	306	128	698
26	31	81	50			5	5	64	32	117	1,642	8	35
27	145	225	506	25	14	200	107	810	812	1,935	9,374	130	238
28	5	36	118			15	15	175	49	3	3	2	30
29	12	448	1,152			153	18	2,046	901	26	8	20	287
30	37,024	37,456	40,974	30,465	74,612	18,891	14,425	70,403	72,606	23,690	32,474	33,382	56,928
31	55,927	62,085	68,152	60,423	108,830	27,807	19,572	161,806	110,560	31,988	37,050	55,791	101,858
32	24,859	25,429	38,873	23,717	69,317	18,271	13,678	62,292	9,596	20,275	11,105	28,808	51,617
33	38,747	38,413	56,085	39,172	97,197	25,670	17,909	105,018	102,477	24,215	13,491	43,531	87,176
34	5,225	18,293	10,093	3,112	25,116	4,956	2,424	14,660	12,886	2,001	1,927	15,172	10,523
35	17,634	9,204	18,196	5,121	34,398	6,814	3,226	23,980	18,528	2,473	2,432	22,266	17,069
36	17,634	9,204	18,196	5,121	34,398	6,814	3,226	23,980	18,528	2,473	2,432	22,266	17,069
37	28,263	18,896	26,278	18,745	42,578	12,875	11,067	43,403	55,720	17,435	4,428	10,506	38,620
38	1,319	2,482	39,464	31,314	60,022	18,266	14,384	73,754	82,341	20,789	5,897	15,791	65,764
39	1,988	1,522	3,500	1,382	1,020	111	126	3,780	630	414	3,829	1,796	1,788
40	8	30	34	140	185	198	3	6,313	1,092	539	4,077	3,019	3,285
41	17	1,377	30	391	8	3	8	225	16	24	383	38	38
42	40	4,000	18	94	153	41	58	576	19	59	90	1,095	136
43	99	116	18	37	176	17	166	314	70	70	74	36	74
44	639	223	29	36	237	70	144	466	106	83	63	147	174
45	747	457	1,102	388	176	17	166	30	241	808	915	574	574
46	10,078	8,574	1,225	572	168	23	251	31	249	912	1,297	775	775
47	10,494	11,813	4,586	1,839	1,397	351	1,685	1,097	1,096	20,905	3,378	3,338	3,338
48	360	40	8,139	3,046	164	426	2,000	1,197	1,065	22,871	4,601	4,279	4,279
49	344	103	198	160	182	206	74	555	323	66	42	194	194
50	1,738	3,404	392	241	292	277	188	809	459	97	148	538	538
51	6,342	11,750	1,904	3,296	265	174	6,339	1,294	1,359	398	1,150	1,757	1,757
52	11,992	1,992	10,996	12,717	6,346	1,512	874	54,467	5,833	5,440	561	7,422	9,637
53	748,580	207,188	85,692	242,180	147,007	180,970	199,890	230,085	649,764	439,858	632,921	803,595	316,540
54	774	2,880	1,832	813	334	335	242	967	938	997	404	4,400	1,149
55	473	1	4	92	14	5				5			553
56	568,328	1,600	3,248	96,777	17,050		110	259	419	5,540			644,019
57	5	594	71	65	6			271	10	142		571	57
58	51	7,849	577	787	73			2,178	68	1,119		6,948	533
59	50		25			13,026	10,447	724	50,074	4,993	8	475	2,018
60						203	28		1,300	225		50	255
61	15		3			3,135	2,491	197	14,377	1,388	10	130	515
62	27,531	48,027	60,040	38,707	27,414	3,363	2,431	107,621	22,820	27,258	25,385	62,656	50,701
63	23,460	23,933	55,444	32,455	9,512	3,319	2,097	145,571	22,057	26,278	15,759	39,630	58,269
64	25,810	37,179	55,789	35,992	21,098	2,823	2,283	94,252	24,415	26,073	26,073	40,049	40,049
65	22,906	21,216	55,525	31,546	8,787	3,269	2,092	140,724	21,987	26,005	15,625	35,434	57,896
66	21	2,684	189	81	230		3	949	18	16	7	3,267	41
67	5	1,177	38		18			580	6	6	1	1,442	5
68	814	1,866	642	2,468	3,975	478	125	957	662	207	463	1,657	3,010
69	240	147	66	868	500	46	4	157	46	15	72	115	202
70	822	0,012	3,417	1,999	1,999	62	17	11,223	438	941	490	9,732	1,581
71	300	1,378	814	41	171	4	1	3,702	16	252	61	2,622	96
72	1,333	2,282	142	5,853	1,198	2	10	932	48	45	500	3,011	1,341
73	7,455	27,545	1,825	55,334	6,350	50	50	10,234	80	470	2,887	19,078	3,981
74	175	84	10	107	21	11	9	57	13	34	92	183	703
75	276,567	153,214	13,302	168,532	28,083	14,761	11,222	97,213	20,821	49,392	52,620	413,393	1,336,961
76	16	45	7	68	12	10	7	35	9	25	36	104	382
77	16,614	99,644	11,082	124,489	19,906	13,297	9,472	73,792	14,740	43,686	40,033	258,220	703,635
78	146				(?)			(?)		5	40		177
79	252,608				64			32	32	1,920	352		460,256
80	296	1,697		213	367			189			473	11	779
81	3,200	24,890		7,220	9,025			3,060			21,280	500	7,760

\* Reported in fractions of an acre.

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

1	1,040	788	849	1,166	1,389	654	463	2,252	1,966	738	980	1,131	2,029
2	115,949	204,346	88,940	231,724	221,913	75,877	74,587	324,694	231,607	95,335	116,102	331,011	254,073
3	42,480	88,647	29,056	105,639	77,318	22,202	26,177	120,557	74,948	33,034	35,986	92,321	83,796
4	18	205	9	91	10	4	16	37	25	39	7	119	48
5	362	17,172	244	3,534	309	276	273	1,117	466	1,311	154	9,779	1,552
6	1,215	731	489	994	879	576	672	1,627	2,490	815	711	1,133	1,894
7	80,528	95,793	23,445	97,763	82,583	45,204	71,625	97,596	153,383	71,936	39,083	168,232	102,947
8	77,015	108,146	185,292	134,523	132,707	76,684	24,060	524,292	212,957	75,857	16,727	240,11	

SUPPLEMENT FOR WISCONSIN.

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

		Oconto.	Oneida. <sup>1</sup>	Outagamie.	Ozaukee.	Papin.	Pierce.	Polk.	Portage.	Price.
<b>VALUE OF ALL CROPS</b>										
1	Total	dollars 1,565,046	286,258	2,987,595	1,476,811	796,771	2,802,150	1,925,250	1,918,916	491,584
2	Cereals	dollars 544,037	45,628	1,641,751	723,248	525,705	1,064,998	939,828	668,676	33,057
3	Other grains and seeds	dollars 131,489	2,740	34,122	58,790	14,786	32,055	9,404	19,045	2,893
4	Hay and forage	dollars 537,119	78,601	751,288	475,930	142,333	435,492	689,068	512,755	177,725
5	Vegetables	dollars 153,362	79,322	301,208	125,709	35,342	123,780	122,887	499,129	61,004
6	Fruits and nuts	dollars 33,896	1,470	60,912	31,106	10,378	29,521	7,805	13,522	1,520
7	All other crops	dollars 165,143	78,507	198,314	62,078	68,277	215,304	156,758	205,790	214,465
<b>SELECTED CROPS (acres and quantity)</b>										
8	<b>Cereals:</b>									
9	Total	acres 44,053	3,337	102,180	44,355	38,645	124,772	61,472	75,675	2,161
10	Corn	bushels 1,184,270	87,168	3,488,579	1,485,530	1,067,479	3,875,946	2,047,745	1,350,656	63,846
11	Oats	acres 7,441	115	28,038	6,413	10,470	19,754	11,689	15,834	81
12	Wheat	bushels 239,113	2,910	1,056,479	340,422	314,905	672,557	422,065	394,189	3,357
13	Emmer and spelt	acres 24,975	2,659	53,004	22,322	12,800	42,870	30,599	37,838	1,450
14	Barley	bushels 752,296	74,501	1,878,901	778,357	411,502	1,652,784	1,112,368	697,853	40,633
15	Buckwheat	acres 2,023	83	549	710	1,803	7,184	5,306	397	65
16	Rye	bushels 30,907	1,248	10,888	13,632	40,906	145,520	110,345	5,376	1,165
17	Other grains and seeds:									
18	Dry peas	acres 37	23	108	44	1	48	158	40	11
19	Dry edible beans	bushels 845	537	3,071	826	20	1,292	4,708	1,044	254
20	Flaxseed	acres 4,010	270	17,403	13,518	9,511	34,346	12,246	1,184	430
21	Hay and forage:									
22	Total	bushels 83,543	5,277	480,474	333,164	247,875	974,008	364,057	25,652	10,471
23	Timothy alone	acres 986	32	334	44	128	329	104	496	6
24	Timothy and clover mixed	bushels 9,282	417	4,441	1,253	1,007	6,993	1,581	3,859	93
25	Clover alone	acres 4,560	155	2,744	1,302	3,932	20,239	1,312	19,858	128
26	Alfalfa	bushels 68,274	2,278	44,725	17,836	50,904	522,742	25,960	222,333	2,473
27	Wild, salt, or prairie grasses	acres 5,640	99	649	466	411	73	16	319	101
28	Grains cut green	bushels 82,231	1,663	9,176	9,287	5,587	1,474	292	1,709	2,228
29	Coarse forage	acres 839	2	138	15	8	8	80	62	1
30	Special crops:									
31	Potatoes	bushels 3,895	53	1,016	338	73	300	1,167	480	45
32	Tobacco	acres 16	40	46	46	46	1,306	261	144	45
33	Sugar beets	bushels 63	2	362	623	.....	16,468	3,026	222	2
34	Maple trees	acres 42,034	5,860	53,556	28,268	13,390	39,907	54,050	49,960	12,790
35	Maple sugar (made)	tons 60,018	8,040	84,723	61,010	21,432	74,378	93,561	58,497	18,475
36	Maple sirup (made)	acres 37,142	4,680	48,502	24,229	11,071	38,326	48,328	39,120	11,541
37	Apples	tons 49,200	5,272	72,848	38,789	17,647	71,093	77,222	40,017	16,237
38	Pears	acres 6,716	1,310	10,205	9,986	3,536	13,227	15,791	6,941	1,853
39	Plums and prunes	tons 8,636	1,543	13,928	16,057	5,626	22,722	23,229	6,788	2,545
40	Cherries	acres 29,128	3,163	35,630	11,969	5,665	22,541	31,617	30,954	9,394
41	Grapes	tons 39,042	3,512	55,126	10,091	9,439	43,513	52,406	31,743	13,219
42	Small fruits:									
43	Total	acres 593	137	1,415	1,722	1,666	2,165	528	830	77
44	Strawberries	tons 826	169	2,129	2,446	2,282	4,190	1,024	1,036	133
45	Cranberries	acres 22	69	134	42	24	24	14	14	3
46	Nuts	tons 47	.....	158	383	61	72	20	11	1
47	Orchard fruits:									
48	Total	acres 165	20	55	26	6	169	101	132	95
49	Apples	tons 250	29	101	48	12	315	198	163	161
50	Pears	acres 518	50	1,128	392	156	200	277	259	121
51	Plums and prunes	tons 408	19	1,406	564	227	281	345	276	176
52	Cherries	acres 2,772	720	3,422	1,464	1,837	940	3,055	9,166	861
53	Grapes	tons 2,922	861	4,087	1,813	2,333	1,478	5,234	7,065	1,114
54	Small fruits:									
55	Total	acres 316	213	110	47	213	93	211	96	308
56	Strawberries	tons 375	325	184	363	225	88	388	108	468
57	Cranberries	acres 1,705	247	1,515	2,527	255	1,524	1,578	82	82
58	Nuts	tons 7,380	1,582	7,541	20,637	1,167	5,695	10,573	10,407	530
59	Special crops:									
60	Potatoes	acres 3,099	1,404	4,276	2,300	514	2,109	3,462	30,637	1,059
61	All other vegetables	bushels 304,004	163,241	579,751	261,907	66,610	282,223	468,361	2,508,521	155,654
62	Tobacco	acres 2,229	285	2,026	514	181	655	436	583	236
63	Sugar beets	pounds 672	.....	1,200	.....	.....	8	.....	.....	5
64	Maple trees	acres 304	1	403	152	11	195	17	47	.....
65	Maple sugar (made)	tons 2,586	2	3,937	1,706	132	2,442	173	440	.....
66	Maple sirup (made)	number 11,803	2,532	6,623	32	8,792	49,992	4,855	367	1,444
67	Maple sirup (made)	pounds 1,255	25	75	.....	170	1,845	880	.....	130
68	Maple sirup (made)	gallons 3,030	761	1,985	23	2,561	14,374	1,137	117	397
<b>FRUITS AND NUTS</b>										
69	Total	trees 46,922	217	77,174	49,520	10,010	26,980	7,746	12,651	1,747
70	Apples	bushels 48,990	98	62,869	48,137	11,130	35,995	4,210	11,709	1,224
71	Pears	trees 43,221	135	57,146	43,550	9,291	24,199	6,317	12,095	1,552
72	Plums and prunes	bushels 48,072	93	55,052	45,645	11,052	35,564	3,943	11,624	1,201
73	Cherries	trees 55	23	28	1,171	2	8	31	11	.....
74	Grapes	bushels 17	.....	4	1,050	.....	2	12	.....	.....
75	Small fruits:									
76	Total	trees 783	32	778	567	623	2,340	1,274	402	172
77	Strawberries	bushels 60	5	127	59	76	407	253	66	23
78	Cranberries	trees 2,791	.....	19,140	4,148	74	423	114	139	20
79	Nuts	bushels 821	.....	7,656	1,378	1	22	2	10	.....
80	Small fruits:									
81	Total	vines 282	4	788	373	311	323	85	93	14
82	Strawberries	pounds 2,318	60	9,973	3,523	1,680	1,693	430	1,040	.....
83	Cranberries	acres 25	10	102	21	32	60	27	34	2
84	Strawberries	quarts 34,155	10,233	142,763	24,011	42,785	78,841	31,033	34,852	2,424
85	Cranberries	acres 19	9	35	8	19	35	15	19	1
86	Small fruits:									
87	Total	quarts 28,602	9,233	61,055	11,546	27,001	54,833	17,076	20,442	1,705
88	Strawberries	acres (2)	.....	(2)	.....	.....	.....	.....	(2)	.....
89	Cranberries	quarts (2)	.....	64	.....	.....	.....	6,208	512	64
90	Nuts	trees 5	.....	1,151	26	2	13	22	.....	.....
91	Nuts	pounds 450	.....	13,530	450	150	834	430	.....	.....

<sup>1</sup> Change of boundary. (See explanation at close of text.)

TABLE 5.—SELECTED FARM EXPENSES

1	Labor..... Farms reporting	1,062	300	1,778	859	583	1,953	1,663	1,567	461
2	Cash expended	109,993	44,471	251,057	128,874	75,530	233,924	175,079	186,629	44,351
3	Rent and board furnished	39,293	11,883	103,024	89,918	29,645	99,400	53,501	63,805	9,509
4	Fertilizer..... Farms reporting	55	22	78	10	11	20	74	.....	5
5	Amount expended	1,743	228	2,776	1,430	257	335	757	143	.....
6	Feed..... Farms reporting	940	302	1,242	739	334	1,341	1,311	1,618	938
7	Amount expended	39,066	35,989	54,285	60,289	13,631	60,126	75,723	100,601	72,510
8	Receipts from sale of feedable crops	204,632	16,325	429,631	224,568	99,072	542,744	258,659	55,568	8,555

STATISTICS OF AGRICULTURE.

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

	Racine.	Richland.	Rock.	Rusk.	St. Croix.	Sauk.	Sawyer.	Shawano.	Sheboygan.	Taylor.	Trempealeau.	Vernon.	Vilas.
1	2,389,035	2,319,613	4,630,392	420,357	3,286,125	3,283,811	149,013	2,256,950	3,098,585	641,307	2,747,785	3,197,871	60,042
2	1,085,356	1,034,723	2,043,539	47,006	2,102,107	1,799,949	22,216	965,129	1,568,225	86,093	1,613,431	1,216,502	11,277
3	6,580	13,971	21,620	6,092	122,767	21,028	924	76,020	98,772	5,909	54,977	14,033	938
4	635,565	849,827	901,031	152,936	802,321	818,931	48,392	627,772	969,925	288,989	772,193	847,602	23,928
5	468,266	105,986	275,010	76,193	141,895	318,845	37,370	151,102	202,981	76,257	85,324	150,488	16,936
6	58,226	49,542	34,645	2,320	15,633	53,066	237	32,413	92,243	1,576	26,581	41,143	1,309
7	135,042	205,564	754,547	135,810	101,382	271,992	39,874	405,509	166,439	182,433	195,279	928,053	5,654
8	57,845	59,959	171,336	3,225	151,444	127,990	1,784	67,722	90,835	5,851	125,249	89,092	736
9	2,196,619	1,948,443	5,292,614	100,601	4,731,807	3,587,260	44,208	1,953,928	3,215,421	174,253	3,453,979	2,587,993	19,532
10	28,489	29,518	38,521	825	20,672	48,471	166	12,575	16,566	214	21,638	26,017	20
11	1,114,944	1,046,936	2,941,656	27,200	628,883	1,330,875	5,505	500,719	740,895	7,587	588,703	791,272	831
12	22,613	17,085	41,501	1,498	79,171	54,160	1,244	35,010	42,459	3,507	67,325	42,589	550
13	881,370	593,029	1,302,290	52,113	2,804,743	1,748,555	32,529	1,049,130	1,643,578	112,960	2,088,464	1,276,326	15,873
14	646	1,122	553	58	7,652	4,247	103	4,171	1,709	70	8,133	3,894	36
15	14,082	19,830	11,308	1,095	165,865	81,898	1,352	73,544	36,655	1,536	167,929	73,087	517
16	13	47	426	30	568	29	9	51	76	12	106	146	4
17	516	1,583	11,442	819	15,706	995	163	1,369	2,576	245	2,435	3,928	54
18	5,157	10,252	34,539	577	31,922	11,142	84	9,139	24,675	1,510	18,146	16,487	60
19	167,945	263,967	947,670	15,236	904,023	304,274	1,718	227,886	698,665	40,620	470,089	429,964	1,255
20	40	405	294	180	298	628	35	107	348	15	971	402	25
21	962	4,760	5,232	2,797	4,038	8,837	534	1,303	6,580	7,145	6,563	423	423
22	878	1,530	5,498	57	11,147	9,313	143	6,667	4,986	523	8,880	457	41
23	16,788	18,338	73,006	1,341	218,389	111,826	2,407	99,927	86,338	10,955	129,264	6,853	574
24		624	32	70	68	471	33	3,452	527	196		312	27
25		9,128	350	1,287	1,040	7,336	480	48,711	9,365	4,479		5,272	641
26	18	5	166	45	42	16	7	75	366	4		9	
27	185	62	1,333	715	631	237	112	1,293	7,903	80		243	3
28	206			46	5,989	7	1	11	30	4		38	
29	2,474		462	78,931	65	4	4	138	344	97		195	12
30	46,684	57,613	70,254	11,193	70,974	61,691	4,246	41,378	53,883	19,470	60,688	72,621	1,547
31	72,387	95,323	104,203	16,346	103,271	105,875	4,944	63,206	134,750	30,801	103,095	116,389	1,747
32	31,578	54,492	62,171	9,459	67,037	51,802	3,687	38,105	44,126	18,239	53,241	69,820	1,230
33	46,001	89,313	89,344	13,575	94,139	80,100	4,072	53,755	81,140	27,951	89,649	109,440	1,187
34	17,867	18,016	26,798	2,578	23,673	15,768	1,180	6,056	9,574	3,433	15,054	11,895	640
35	24,316	29,002	36,441	3,411	30,539	25,070	1,210	8,451	16,608	4,811	23,051	17,553	519
36	9,799	34,316	30,621	6,635	40,931	32,422	2,365	30,841	30,423	14,522	34,009	55,357	573
37	13,888	56,703	44,520	9,775	59,792	54,982	2,670	43,138	56,092	22,648	59,373	87,379	643
38	1,255	1,066	3,357	90	1,530	2,367	79	1,019	3,491	184	3,438	1,492	17
39	2,011	1,938	5,406	155	2,536	4,282	99	1,467	6,705	325	6,153	2,851	25
40	1,467	109	649	21	50	5	1	12	514	3		21	
41	4,418	277	1,882	3	51	128	2	29	1,513	5		65	
42	197	124	149	67	141	60	52	295	16	85		100	
43	377	214	242	125	256	124	81	454	35	149		177	
44	1,023	861	597	89	741	1,135	10	182	108	15	720	985	
45	1,591	1,179	853	106	965	1,514	10	206	126	18	1,044	1,415	
46	9,794	901	6,833	1,527	2,285	6,499	358	1,243	479	809	5,833	1,877	92
47	11,640	1,296	8,234	1,079	3,104	9,031	389	1,376	619	1,073	7,032	2,693	101
48	519	206	39	57	71	245	146	418	151	163	71	279	156
49	2,011	363	64	104	104	871	193	677	400	135	442	243	243
50	4,793	2,014	1,187	145	1,578	3,141	37	1,596	9,125	216	1,538	637	64
51	11,285	4,351	6,193	880	5,833	9,453	145	7,219	52,537	983	5,640	3,684	194
52	3,347	1,230	3,745	1,363	2,927	9,901	520	4,061	3,109	1,193	1,717	2,425	332
53	354,416	147,801	466,476	175,006	375,615	1,226,437	69,901	509,125	436,158	170,356	150,672	319,026	39,039
54	4,492	598	1,604	358	830	1,647	150	640	1,745	323	610	791	43
55		645	6,490	10	4	25	25				820	6,541	
56		644,819	7,207,731	4,415	3,057	29,700	25				542,558	7,279,245	
57	796	24	694	2	308	54					128	212	
58	10,572	307	8,634	20	3,234	531					866	2,520	
59	136	21,832	8	8,119	2,712	2,776	1,446	33,931	10,131	2,330	228	26,640	500
60		1,024		724	2,790	26	365	635	103	215	2	2,888	400
61	36	7,374	2	2,119	407	859	360	8,746	3,114	320	50	7,703	
62	65,511	81,623	69,653	1,959	6,858	101,093	107	47,568	129,192	2,615	29,437	75,332	25
63	28,425	63,744	13,112	1,209	5,193	65,161	41	50,492	147,136	1,264	30,382	73,412	
64	53,355	76,251	45,968	1,702	5,955	96,284	75	42,893	100,182	2,173	28,303	70,925	
65	25,621	62,958	10,819	1,196	4,985	64,102	38	48,897	140,252	1,243	30,187	72,848	
66	2,833	90	716	50		61		46	2,782		3	12	
67	1,207	17	158			7		23	1,064				
68	1,528	3,298	5,053	184	704	2,237	28	630	2,331	433	900	3,228	25
69	59	622	570	13	174	388	3	95	169	21	182	475	
70	7,152	1,851	11,329	8	91	2,404	4	4,013	14,741	3	131	1,106	
71	1,492	137	1,553		9	655		1,475	4,736		12	89	
72	2,905	4,493	11,243	90	69	10,144		142	859	18	851	2,754	
73	23,839	11,756	36,465	575	262	39,375		1,016	10,480	85	2,315	6,667	
74	121	59	134	8	77	103	1	12	112	2	77	56	7
75	322,713	84,789	178,505	11,061	101,205	145,638	1,669	16,009	167,246	2,296	98,655	57,572	11,000
76	101	23	81	6	61	48	1	10	61	2	66	26	5
77	295,747	51,550	129,553	8,813	84,832	86,933	1,020	13,204	112,708	1,720	87,060	36,434	8,450
78			(?)	(?)	(?)	(?)		(?)				(?)	
79			64	64	32			192				32	
80	912	2,207	903			2,583			836	1	481	682	
81	15,475	36,150	25,770			50,150		3	19,480	30	4,930	11,018	

\* Reported in fractions of an acre.

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,176	1,428	2,130	342	1,874	2,034	148	1,514	1,730	539	1,801	2,103	64
2	249,868	184,419	409,970	43,404	321,697	295,963	19,897	183,447	339,202	42,809	251,829	241,007	14,388
3	105,042	54,945	142,296	13,578	121,924	107,806	7,149	70,223	126,963	12,004	89,642	78,581	5,986
4	287	22	102	3	18	51	5	42	19	14	29	37	
5	16,511	777	4,607	62	1,257	1,713	910	948	988	296	452	1,128	
6	1,468	1,068	1,287	661	1,193	1,655	195	1,161	2,001	1,043	950	1,473	96
7	181,790	70,822	122,965	56,529	81,296	121,807	22,013	58,557	150,823	74,350	64,828	71,180	12,387
8	166,860	66,570	452,820	18,356	780,297	108,098	5,682	156,159	337,616	23,304	460,283	128,095	1,038

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

	Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.
<b>VALUE OF ALL CROPS</b>								
1 Total.....dollars.....	3,439,756	401,184	2,702,191	3,431,077	2,569,503	1,722,123	2,476,356	1,299,260
2 Cereals.....dollars.....	2,194,693	101,848	1,551,501	1,657,431	951,358	761,441	1,394,127	348,961
3 Other grains and seeds.....dollars.....	7,279	4,690	155,964	17,897	23,231	18,872	16,140	6,176
4 Hay and forage.....dollars.....	907,699	148,725	544,534	1,005,865	769,293	391,785	776,580	569,307
5 Vegetables.....dollars.....	182,971	74,067	210,973	465,232	533,600	395,984	180,441	123,662
6 Fruits and nuts.....dollars.....	41,716	3,105	67,243	88,437	46,303	18,654	74,885	79,326
7 All other crops.....dollars.....	105,398	68,749	171,976	196,215	245,718	135,387	94,183	171,838
<b>SELECTED CROPS (acres and quantity)</b>								
<b>Cereals:</b>								
8 Total.....acres.....	118,925	9,233	93,838	96,875	74,343	79,714	79,797	32,275
9 Corn.....bushels.....	4,605,556	211,342	3,154,213	3,417,197	2,038,160	1,439,611	2,775,115	728,000
10 Oats.....acres.....	58,036	2,887	10,280	32,295	19,948	26,990	23,522	6,713
11 Wheat.....bushels.....	2,574,290	88,856	895,911	1,296,158	602,144	610,433	844,175	154,710
12 Emmer and spelt.....acres.....	34,293	3,731	36,685	45,036	38,800	27,279	40,188	14,664
13 Barley.....bushels.....	1,255,061	91,505	1,386,787	1,055,649	1,183,059	544,423	1,495,999	396,762
14 Rye.....acres.....	604	1,347	3,141	1,177	1,150	357	1,493	244
15 Buckwheat.....bushels.....	11,861	15,621	58,395	22,706	21,955	4,966	31,799	2,784
16 Dry peas.....acres.....	239	141	42	71	42	47	182	27
17 Dry edible beans.....bushels.....	7,995	3,927	1,128	2,418	1,102	840	6,203	513
18 Flaxseed.....acres.....	24,423	413	30,539	11,811	5,734	1,151	12,994	3,801
19 Other grains and seeds.....bushels.....	735,252	7,637	751,289	332,065	145,890	27,274	374,585	91,022
20 Hay and forage.....acres.....	332	323	39	306	373	1,131	248	523
21 Timothy alone.....bushels.....	6,042	3,336	679	5,055	4,503	10,675	3,987	3,329
22 Timothy and clover mixed.....acres.....	938	391	4,110	6,160	8,204	22,699	1,170	6,297
23 Clover alone.....bushels.....	15,055	5,460	56,989	102,146	109,381	231,430	18,367	78,206
24 Alfalfa.....acres.....								
25 Millet or Hungarian grass.....bushels.....		10	226	120	191		8	229
26 Wild, salt, or prairie grasses.....acres.....	11	57	4,068	2,537	2,583		145	3,664
27 Grains cut green.....acres.....	10	111	92	27	115	1,241	17	17
28 Coarse forage.....bushels.....	134	687	464	378	1,368	5,998	407	426
29 Other tame or cultivated grasses.....acres.....	1	27	2	6	6	1	31	23
30 Hay and forage.....bushels.....	3	106	37	113	8	8	350	343
31 Total.....acres.....	59,368	13,900	36,138	67,551	57,297	42,662	58,279	39,775
32 All tame or cultivated grasses.....tons.....	112,786	17,658	80,879	115,272	98,915	49,738	97,961	63,052
33 Timothy alone.....acres.....	47,058	11,487	30,265	46,650	44,482	29,376	40,779	33,951
34 Timothy and clover mixed.....tons.....	80,614	14,111	45,991	63,247	65,657	33,951	65,233	63,494
35 Clover alone.....acres.....	22,821	2,219	14,559	24,761	5,647	5,904	11,746	6,136
36 Alfalfa.....tons.....	36,511	2,301	22,056	34,452	7,437	5,725	17,419	9,426
37 Millet or Hungarian grass.....acres.....	18,783	8,615	11,330	14,924	36,101	20,586	25,752	26,770
38 Wild, salt, or prairie grasses.....tons.....	32,301	10,841	16,943	21,944	53,916	25,009	41,953	42,557
39 Grains cut green.....acres.....	3,156	459	3,259	3,656	2,269	2,516	2,309	385
40 Coarse forage.....tons.....	5,853	741	5,195	5,848	3,623	2,746	4,222	709
41 Other tame or cultivated grasses.....acres.....	1,538	4	184	1,839	78	35	283	5
42 Alfalfa.....tons.....	4,724	11	597	4,085	202	77	797	13
43 Millet or Hungarian grass.....acres.....	134	127	56	129	64	8	19	155
44 Wild, salt, or prairie grasses.....tons.....	204	165	78	190	102	8	34	246
45 Grains cut green.....acres.....	626	63	877	1,341	323	327	670	500
46 Coarse forage.....tons.....	871	52	1,122	1,728	377	386	878	543
47 Other tame or cultivated grasses.....acres.....	7,929	1,666	3,970	14,712	9,566	12,264	15,697	4,224
48 Wild, salt, or prairie grasses.....tons.....	10,236	1,855	4,903	19,108	11,021	13,312	20,898	4,202
49 Grains cut green.....acres.....	81	392	119	297	201	127	185	131
50 Coarse forage.....tons.....	194	457	254	765	229	119	357	150
51 Other tame or cultivated grasses.....acres.....	4,298	286	1,663	5,886	3,037	895	1,613	1,441
52 Special crops.....tons.....	21,729	915	9,379	27,097	21,864	2,356	11,450	4,858
53 Potatoes.....acres.....	3,054	1,728	3,023	6,903	19,810	21,599	2,896	4,610
54 All other vegetables.....bushels.....	265,107	201,534	528,407	844,400	2,392,213	2,255,887	378,625	318,446
55 Tobacco.....acres.....	1,440	246	928	2,480	801	463	814	733
56 Sugar beets.....pounds.....	15		3	5	1			1
57 Sugar beets.....acres.....	21,500	250	200	9,342	100	50	200	1,325
58 Maple trees.....acres.....	44	39	407	639	102		148	23
59 Maple sugar (made).....tons.....	489	304	4,418	6,548	908		1,355	238
60 Maple sugar (made).....pounds.....	20	1,559	3,124	1,567	19,681	1,010	694	8,732
61 Maple sirup (made).....gallons.....	730	15	15	132	50	50	4	285
62 Maple sirup (made).....gallons.....	10	292	1,036	637	5,618	225	125	2,228
<b>FRUITS AND NUTS</b>								
<b>Orchard fruits:</b>								
63 Total.....trees.....	58,330	1,257	85,257	101,605	65,123	26,571	89,332	11,117
64 Apples.....bushels.....	35,581	731	100,549	75,047	65,106	19,821	66,448	10,782
65 Pears.....trees.....	44,467	755	64,089	81,059	60,452	24,406	74,209	10,008
66 Plums and prunes.....bushels.....	33,043	648	90,908	68,687	64,120	19,400	62,564	10,678
67 Cherries.....trees.....	2,497	10	2,168	3,437	26	41	78	1
68 Grapes.....bushels.....	993	1	1,287	1,491	2	4	8	
69 Apples.....trees.....	1,427	458	745	2,137	916	867	1,118	709
70 Pears.....bushels.....	140	80	67	143	55	183	86	84
71 Plums and prunes.....trees.....	9,752	28	18,127	14,810	3,650	1,218	13,907	806
72 Cherries.....bushels.....	1,380	2	8,158	4,717	857	221	3,786	20
73 Grapes.....vines.....	6,620	248	1,876	3,822	411	198	1,730	357
74 Small fruits.....pounds.....	43,307	1,368	13,501	26,608	5,660	1,085	8,287	1,169
75 Total.....acres.....	53	25	55	141	133	43	144	637
76 Strawberries.....quarts.....	64,758	23,195	58,483	267,082	104,721	41,774	251,626	1,383,361
77 Cranberries.....acres.....	30	17	29	84	58	33	104	18
78 Cranberries.....quarts.....	40,429	14,737	31,706	179,569	42,703	33,144	197,743	20,421
79 Nuts.....trees.....	(1)		1	1	72	(1)		614
80 Nuts.....pounds.....	22		736	832	39,072	256		1,354,336
81 Nuts.....pounds.....	1,761		4,433	1,452	453	1,740	6,202	
82 Nuts.....pounds.....	26,002		33,350	15,705	4,975	23,625	55,490	

<sup>1</sup> Reported in fractions of an acre.

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

1 Labor.....Farms reporting.....	1,712	344	1,232	1,947	2,003	1,533	1,639	878
2 Cash expended.....dollars.....	441,148	39,957	186,793	442,250	300,871	183,381	270,796	135,347
3 Rent and board furnished.....dollars.....	157,175	8,758	82,749	183,586	119,277	63,030	106,368	30,329
4 Fertilizer.....Farms reporting.....	39	4	14	62	80	33	48	29
5 Amount expended.....dollars.....	2,092	94	338	2,109	839	421	1,766	1,499
6 Feed.....Farms reporting.....	1,185	412	1,076	1,683	1,523	1,277	940	1,460
7 Amount expended.....dollars.....	230,319	32,017	54,719	196,533	99,729	77,244	87,835	131,508
8 Receipts from sale of feedable crops.....dollars.....	360,817	15,778	474,165	873,261	110,636	33,722	362,507	78,493

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

	THE STATE.	Adams.	Ashland.	Barron.	Bayfield.	Brown.	Buffalo.	Burnett.	Calumet.	
1	Inclosures reporting domestic animals.....	56,415	74	601	730	351	1,083	410	81	501
2	Value of domestic animals.....dollars..	13,087,159	15,250	151,280	153,420	153,591	235,905	97,405	11,822	83,346
3	<b>Cattle:</b>									
4	Total number.....	42,015	75	752	869	599	469	503	114	308
5	Value.....dollars..	1,367,519	2,314	25,941	25,854	20,597	15,963	14,424	2,763	9,848
6	Number of dairy cows.....	31,421	63	571	569	447	428	361	80	237
7	<b>Horses:</b>									
8	Total number.....	89,452	120	758	990	689	1,618	585	105	632
9	Value.....dollars..	11,474,828	12,695	124,142	123,452	131,690	215,455	81,680	8,895	72,628
10	Number of mature horses.....	88,408	118	749	970	679	1,007	558	105	628
11	<b>Mules and asses and burros:</b>									
12	Total number.....	911	3	23	23	21	3	3	3	3
13	Value.....dollars..	131,605	485	3,580	3,580	2,510	140	3	180	3
14	Number of mature mules.....	826	1	21	21	20	3	3	3	3
15	<b>Swine:</b>									
16	Total number.....	10,856	20	68	40	84	272	119	12	126
17	Value.....dollars..	104,006	271	707	437	1,303	1,902	1,114	164	673
18	<b>Sheep and goats:</b>									
19	Total number.....	4,124	1	1	20	1	19	16	4	4
20	Value.....dollars..	19,141	5	97	97	1	75	47	17	17

	Chippewa.	Clark.	Columbia.	Crawford.	Dane.	Dodge.	Door.	Douglas.	Dunn.	
1	Inclosures reporting domestic animals.....	937	680	1,139	330	2,003	1,509	340	858	731
2	Value of domestic animals.....dollars..	160,745	131,721	260,442	72,765	520,037	278,074	68,615	239,855	132,902
3	<b>Cattle:</b>									
4	Total number.....	1,175	709	724	349	795	926	343	1,341	788
5	Value.....dollars..	33,710	21,880	23,845	12,148	27,981	31,181	9,697	48,701	22,947
6	Number of dairy cows.....	904	615	610	273	647	710	278	1,033	659
7	<b>Horses:</b>									
8	Total number.....	1,040	916	1,661	535	3,775	1,963	402	1,159	877
9	Value.....dollars..	123,125	104,244	230,047	57,012	486,484	223,091	48,632	190,554	108,275
10	Number of mature horses.....	1,021	899	1,652	515	3,740	1,943	397	1,146	852
11	<b>Mules and asses and burros:</b>									
12	Total number.....	20	41	33	12	24	24	64	3	3
13	Value.....dollars..	2,900	4,500	4,105	2,425	2,260	4,679	9,600	400	400
14	Number of mature mules.....	13	37	23	11	11	23	64	3	3
15	<b>Swine:</b>									
16	Total number.....	107	81	216	78	267	455	81	51	109
17	Value.....dollars..	880	1,020	2,348	1,180	3,294	3,052	652	510	1,196
18	<b>Sheep and goats:</b>									
19	Total number.....	27	15	19	3	3	2,210	10	21	17
20	Value.....dollars..	130	71	97	18	18	11,071	34	90	84

	Eau Claire.	Florence.	Fond du Lac.	Forest.	Grant.	Green.	Green Lake.	Iowa.	Iron.	
1	Inclosures reporting domestic animals.....	981	144	1,475	207	1,378	773	593	705	497
2	Value of domestic animals.....dollars..	250,170	34,156	281,634	75,748	303,032	162,901	97,226	128,936	123,307
3	<b>Cattle:</b>									
4	Total number.....	813	245	656	322	1,021	404	504	455	1,374
5	Value.....dollars..	25,365	6,954	22,658	13,942	36,181	16,746	15,112	16,206	42,100
6	Number of dairy cows.....	657	160	501	178	789	322	404	343	734
7	<b>Horses:</b>									
8	Total number.....	1,459	188	2,122	455	2,187	1,164	684	1,004	421
9	Value.....dollars..	223,559	27,100	255,325	60,900	253,313	144,180	79,820	110,787	78,101
10	Number of mature horses.....	1,441	183	2,108	455	2,139	1,150	679	976	413
11	<b>Mules and asses and burros:</b>									
12	Total number.....	2	15	1	1	61	10	11	12	1
13	Value.....dollars..	200	25	2,350	200	10,670	975	1,400	1,360	100
14	Number of mature mules.....	2	1	15	1	54	8	11	11	1
15	<b>Swine:</b>									
16	Total number.....	117	13	169	52	295	116	136	49	271
17	Value.....dollars..	1,002	77	1,228	694	2,559	995	893	583	2,983
18	<b>Sheep and goats:</b>									
19	Total number.....	5	40	2	2	69	5	1	4	4
20	Value.....dollars..	44	73	12	12	309	25	1	17	17

	Jackson.	Jefferson.	Juneau.	Kenosha.	Kewaunee.	La Crosse.	Lafayette.	Langlade.	Lincoln.	
1	Inclosures reporting domestic animals.....	416	1,029	511	626	407	1,066	630	622	700
2	Value of domestic animals.....dollars..	68,723	197,784	109,080	163,280	54,163	243,568	119,806	125,439	123,887
3	<b>Cattle:</b>									
4	Total number.....	538	386	535	135	400	592	437	721	713
5	Value.....dollars..	15,423	14,868	15,473	5,141	10,930	19,872	17,063	21,001	20,603
6	Number of dairy cows.....	399	337	304	114	309	500	303	485	561
7	<b>Horses:</b>									
8	Total number.....	504	1,509	766	1,154	400	1,853	902	806	855
9	Value.....dollars..	52,777	179,811	87,350	157,800	41,623	215,806	100,303	102,563	100,770
10	Number of mature horses.....	499	1,493	762	1,152	396	1,840	885	804	847
11	<b>Mules and asses and burros:</b>									
12	Total number.....	3	13	24	43	43	5	7	9	9
13	Value.....dollars..	275	1,810	5,635	7,219	7,219	750	660	1,045	9
14	Number of mature mules.....	3	11	22	41	41	5	4	9	9
15	<b>Swine:</b>									
16	Total number.....	74	189	36	29	262	48	151	155	162
17	Value.....dollars..	248	1,281	347	259	1,698	430	1,550	1,177	1,288
18	<b>Sheep and goats:</b>									
19	Total number.....	3	28	14	4	53	30	8	37	37
20	Value.....dollars..	14	281	80	12	241	140	38	121	121

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

	Manitowoc.	Marathon.	Marinette.	Marquette.	Milwaukee.	Monroe.	Oconto.	Oneida.	Outagamie.
1	Inclosures reporting domestic animals.....								
2	Value of domestic animals.....dollars..								
3	<b>Cattle:</b>								
4	Total number.....								
5	Value.....dollars..								
6	Number of dairy cows.....								
7	<b>Horses:</b>								
8	Total number.....								
9	Value.....dollars..								
10	Number of mature horses.....								
11	<b>Mules and asses and burros:</b>								
12	Total number.....								
13	Value.....dollars..								
14	Number of mature mules.....								
15	<b>Swine:</b>								
16	Total number.....								
17	Value.....dollars..								
18	<b>Sheep and goats:</b>								
19	Total number.....								
20	Value.....dollars..								

	Ozaukee.	Pepin.	Pierce.	Polk.	Portage.	Price.	Racine.	Richland.	Rock.
1	Inclosures reporting domestic animals.....								
2	Value of domestic animals.....dollars..								
3	<b>Cattle:</b>								
4	Total number.....								
5	Value.....dollars..								
6	Number of dairy cows.....								
7	<b>Horses:</b>								
8	Total number.....								
9	Value.....dollars..								
10	Number of mature horses.....								
11	<b>Mules and asses and burros:</b>								
12	Total number.....								
13	Value.....dollars..								
14	Number of mature mules.....								
15	<b>Swine:</b>								
16	Total number.....								
17	Value.....dollars..								
18	<b>Sheep and goats:</b>								
19	Total number.....								
20	Value.....dollars..								

	Rusk.	St. Croix.	Sauk.	Sawyer.	Shawano.	Sheboygan.	Taylor.	Trempealeau.	Vernon.
1	Inclosures reporting domestic animals.....								
2	Value of domestic animals.....dollars..								
3	<b>Cattle:</b>								
4	Total number.....								
5	Value.....dollars..								
6	Number of dairy cows.....								
7	<b>Horses:</b>								
8	Total number.....								
9	Value.....dollars..								
10	Number of mature horses.....								
11	<b>Mules and asses and burros:</b>								
12	Total number.....								
13	Value.....dollars..								
14	Number of mature mules.....								
15	<b>Swine:</b>								
16	Total number.....								
17	Value.....dollars..								
18	<b>Sheep and goats:</b>								
19	Total number.....								
20	Value.....dollars..								

	Vilas.	Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.
1	Inclosures reporting domestic animals.....								
2	Value of domestic animals.....dollars..								
3	<b>Cattle:</b>								
4	Total number.....								
5	Value.....dollars..								
6	Number of dairy cows.....								
7	<b>Horses:</b>								
8	Total number.....								
9	Value.....dollars..								
10	Number of mature horses.....								
11	<b>Mules and asses and burros:</b>								
12	Total number.....								
13	Value.....dollars..								
14	Number of mature mules.....								
15	<b>Swine:</b>								
16	Total number.....								
17	Value.....dollars..								
18	<b>Sheep and goats:</b>								
19	Total number.....								
20	Value.....dollars..								

## CHAPTER 4.

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

**Introduction.**—This chapter gives the statistics of manufactures for the state of Wisconsin 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 wages, cost 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 city of Milwaukee. It also gives the same items for all industries combined for every city 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 Milwaukee 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 employ-

ees 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 depreciation. 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 boundaries 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.**—Wisconsin, with a gross area of 56,066 square miles, of which 810 represent water surface, ranks twenty-fifth in size among the states and territories of continental United States. Its population in 1910 was 2,333,860, as compared with 2,069,042 in 1900 and 1,693,330 in 1890. It ranked thirteenth among the 49 states and territories as regards population both in 1910 and in 1900. The density of population of the state was 42.2 per square mile in 1910, the corresponding figure for 1900 being 37.4.

Of the entire population of the state, 43 per cent resided in cities and incorporated towns having a population of 2,500 inhabitants or over, as against 38.2 per cent in 1900.

Milwaukee, with a population of 373,857, is the only city in the state having a population of over 50,000, but 17 cities—Superior, Racine, Oshkosh, La Crosse, Sheboygan, Madison, Green Bay, Kenosha, Fond du Lac, Eau Claire, Appleton, Wausau, Beloit, Marinette, Janesville, Manitowoc, and Ashland—have a population of over 10,000 but less than 50,000. These 18 cities contain 32.3 per cent of the total population of the state, and were credited with 61.8 per cent of the total value of its manufactures in 1909. Only 10.8 per cent of the population of the state in 1909 resided in cities having between 2,500 and 10,000 inhabitants.

Lake Michigan, Lake Superior, and the Mississippi and Fox Rivers, together with the numerous railroads of the state, afford excellent transportation facilities and give communication with all parts of the United States and Canada.

**Importance and growth of manufactures.**—While Wisconsin is largely an agricultural state, the advance in the relative importance of its manufacturing industries, as measured by value of products, has been marked. In 1849 it ranked nineteenth among the states in this respect, while in 1909 it occupied eighth place. During 1849 the manufacturing industries of the state gave employment to an average of 6,089 wage earners, representing 2 per cent of the total population, as against an average of 182,583 wage earners, or 7.8 per cent of the total population in 1909. During this period the gross value of products per capita of the total population of the state increased from \$30 to \$253. The proportion which the manufactures of Wisconsin represented of the total value of the products of manufacturing industries in the United States was nine-tenths of 1 per cent in 1849, as against 2.9 per cent in 1909.

The following table 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:

	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	9,721	8,558	7,841	13.6	9.1
Persons engaged in manufactures.....	213,426	173,572	(1)	23.0	.....
Proprietors and firm members.....	8,556	7,961	(1)	7.5	.....
Salaried employees.....	22,287	14,220	10,480	56.7	35.7
Wage earners (average number).....	182,583	151,391	137,525	20.6	10.1
Primary horsepower.....	554,179	440,234	364,380	25.9	20.8
Capital.....	\$605,657,000	\$412,647,000	\$286,081,000	46.8	44.3
Expenses.....	525,747,000	359,899,000	283,755,000	46.1	26.8
Services.....	119,642,000	86,970,000	66,189,000	37.6	31.4
Salaries.....	25,737,000	15,498,000	10,493,000	66.1	47.7
Wages.....	93,905,000	71,472,000	55,696,000	31.4	28.3
Materials.....	346,357,000	227,255,000	185,695,000	52.4	22.4
Miscellaneous.....	59,748,000	45,674,000	31,871,000	30.8	43.3
Value of products.....	590,306,000	411,140,000	326,753,000	43.6	25.8
Value added by manufacture (value of products less cost of materials).....	243,949,000	183,885,000	141,058,000	32.7	30.4

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

In 1909 the state of Wisconsin had 9,721 manufacturing establishments, which gave employment to an average of 213,426 persons during the year and paid out \$119,642,000 in salaries and wages. Of the persons employed, 182,583 were wage earners.

These establishments turned out products to the

value of \$590,306,000, to produce which materials costing \$346,357,000 were used. The value added by manufacture was thus \$243,949,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

The statistics for the state do not include the operations of the United States shipyard located at Fountain City. This establishment, which is engaged principally in the building of barges, reported products to the value of \$22,289 in 1909.

In general, this table brings out the fact that the manufacturing industries of Wisconsin as a whole showed a greater development during the more recent 5-year period, 1904-1909, than during the preceding 5-year period, 1899-1904. During the later period the number of establishments increased 13.6 per cent and

the average number of wage earners 20.6 per cent, while the value of products increased 43.6 per cent and the value added by manufacture 32.7 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 regarding values, since the increase shown is due, in part, to the increase that has taken place in the prices of commodities.

The relative importance and growth of the leading manufacturing industries of the state are shown in the following table:

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.....	9,721	182,583	100.0	\$590,306,000	100.0	\$243,949,000	100.0	43.6	25.8	32.7	30.4
Lumber and timber products.....	1,020	34,093	18.7	57,909,000	9.8	32,382,000	13.3	-1.0	-14.3	-4.6	0.7
Foundry and machine-shop products.....	444	24,219	13.3	54,124,000	9.2	31,590,000	12.9	72.5	20.6	78.0	29.7
Butter, cheese, and condensed milk.....	2,630	2,863	1.6	53,843,000	9.1	5,837,000	2.4	79.5	49.1	62.6	2.7
Leather, tanned, curried, and finished.....	32	7,648	4.1	44,608,000	7.6	9,839,000	4.0	72.8	23.7	64.7	48.1
Liquors, malt.....	136	5,061	2.8	32,126,000	5.4	24,228,000	9.0	12.0	47.9	3.1	55.1
Flour-mill and gristmill products.....	322	1,184	0.6	31,697,000	5.4	4,629,000	1.9	11.7	19.6	28.7	16.8
Slaughtering and meat packing.....	48	1,890	1.0	27,217,000	4.6	3,814,000	1.6	64.3	17.2	52.7	31.6
Paper and wood pulp.....	57	7,467	4.1	25,962,000	4.4	9,269,000	3.8	45.5	63.8	29.6	71.0
Furniture and refrigerators.....	114	11,118	6.1	18,656,000	3.2	9,861,000	4.0	50.8	30.6	49.3	27.3
Cars and general shop construction and repairs by steam-railroad companies.....	22	8,094	4.9	14,332,000	2.4	5,656,000	2.3	120.1	3.2	64.4	23.7
Boots and shoes, including cut stock and findings.....	68	5,431	3.0	13,602,000	2.3	4,849,000	2.0	98.7	31.9	99.8	39.5
Printing and publishing.....	833	5,360	2.9	11,861,000	2.0	8,476,000	3.5	28.2	44.4	28.2	41.2
Automobiles, including bodies and parts.....	30	4,298	2.4	11,440,000	1.9	6,100,000	2.5	510.1	.....	492.2	.....
Agricultural implements.....	45	2,704	1.5	11,411,000	1.9	7,474,000	3.1	13.2	27.8	14.0	42.7
Iron and steel, steel works and rolling mills.....	14	2,124	1.2	10,738,000	1.8	2,827,000	1.2	45.6	22.9	-1.8	10.3
Malt.....	25	456	0.2	9,597,000	1.6	1,774,000	0.7	9.8	113.7	-1.6	97.0
Clothing, men's, including shirts.....	94	4,252	2.3	9,405,000	1.6	3,957,000	1.6	40.2	44.8	25.2	46.1
Carrriages and wagons and materials.....	286	3,437	1.9	8,899,000	1.5	3,736,000	1.5	10.0	15.0	-6.5	10.4
Hosiery and knit goods.....	61	4,282	2.3	7,843,000	1.3	3,956,000	1.6	57.5	98.5	47.6	102.8
Copper, tin, and sheet-iron products.....	105	2,780	1.5	7,136,000	1.2	2,480,000	1.0	43.9	45.7	17.5	48.2
Bread and other bakery products.....	667	1,751	1.0	6,872,000	1.2	2,849,000	1.2	27.7	48.7	27.8	27.6
Tobacco manufactures.....	775	2,391	1.3	6,142,000	1.0	3,635,000	1.5	-3.2	29.8	-12.6	30.4
Food preparations.....	28	526	0.3	5,535,000	0.9	2,691,000	1.1	150.3	65.9	125.9	23.9
Leather goods.....	48	2,099	1.1	5,382,000	0.9	2,372,000	1.0	32.7	62.3	46.1	55.3
Canning and preserving.....	83	1,776	1.0	4,897,000	0.8	1,840,000	0.8	46.1	142.2	43.9	94.7
Iron and steel, blast furnaces.....	5	758	0.4	4,794,000	0.8	876,000	0.4	55.9	6.0	6.3	-6.9
Confectionery.....	38	1,780	1.0	4,414,000	0.7	1,747,000	0.7	88.0	64.9	92.2	77.9
Marble and stone work.....	136	2,593	1.4	4,114,000	0.7	2,897,000	1.2	105.8	15.9	124.1	20.7
Gas, illuminating and heating.....	49	1,063	0.6	4,001,000	0.7	2,612,000	1.1	37.4	108.4	24.9	94.4
Electrical machinery, apparatus, and supplies.....	30	1,409	0.8	3,836,000	0.7	2,385,000	1.0	20.1	245.7	9.7	284.8
Stoves and furnaces, including gas and oil stoves.....	12	1,803	1.0	3,737,000	0.6	2,168,000	0.9	52.8	.....	55.6	.....
Gloves and mittens, leather.....	23	1,642	0.9	2,799,000	0.5	1,622,000	0.5	26.7	335.7	33.6	362.8
Cooperage and wooden goods, not elsewhere specified.....	48	1,208	0.7	2,393,000	0.4	1,274,000	0.5	-22.2	6.5	-7.1	-9.4
Woolen, worsted, and felt goods, and wool hats.....	33	1,046	0.6	2,230,000	0.4	854,000	0.3	-3.0	23.9	-4.9	29.8
Patent medicines and compounds and druggists' preparations.....	62	269	0.1	1,707,000	0.3	1,262,000	0.5	38.4	82.9	44.9	95.3
Paint and varnish.....	12	194	0.1	1,526,000	0.3	483,000	0.2	45.6	18.8	70.1	37.9
Fur goods.....	40	413	0.2	1,524,000	0.3	597,000	0.2	67.7	6.8	30.6	33.6
Gas and electric fixtures and lamps and reflectors.....	13	552	0.3	1,466,000	0.2	759,000	0.3	155.0	82.5	173.0	91.7
Mattresses and spring beds.....	21	504	0.3	1,444,000	0.2	586,000	0.2	-50.1	92.9	-71.0	211.2
Dairymen's, poultrymen's, and apiarists' supplies.....	22	526	0.3	1,320,000	0.2	618,000	0.3	264.1	.....	216.9	.....
Boxes, fancy and paper.....	15	824	0.5	1,317,000	0.2	678,000	0.3	164.5	106.6	138.7	136.7
Lime.....	43	776	0.4	1,272,000	0.2	765,000	0.3	62.9	.....	68.5	.....
Brick and tile.....	108	1,027	0.6	1,191,000	0.2	909,000	0.4	-35.6	2.9	-29.8	21.5
Clothing, women's.....	19	565	0.3	928,000	0.2	425,000	0.2	10.5	208.8	9.8	126.3
Musical instruments, pianos and organs and materials.....	11	369	0.2	893,000	0.2	403,000	0.2	385.3	922.2	520.7	433.3
Coffins, burial cases, and undertakers' goods.....	8	349	0.2	754,000	0.1	370,000	0.2	131.3	89.5	111.4	90.2
Artificial stone.....	119	377	0.2	624,000	0.1	389,000	0.2	457.1	.....	455.7	.....
Brooms and brushes.....	44	243	0.1	562,000	0.1	292,000	0.1	49.1	29.1	40.4	43.4
Millinery and lace goods.....	7	307	0.2	556,000	0.1	218,000	0.1	0.2	4.9	-8.4	3.5
Chemicals.....	5	76	( <sup>2</sup> )	513,000	0.1	271,000	0.1	93.6	4.3	111.7	4.1
Fancy articles, not elsewhere specified.....	6	343	0.2	477,000	0.1	252,000	0.1	8.6	1,588.5	5.4	1,738.5
Mirrors.....	5	87	( <sup>2</sup> )	316,000	0.1	117,000	( <sup>2</sup> )	83.2	.....	148.9	.....
Photo-engraving.....	10	171	0.1	312,000	0.1	266,000	0.1	88.0	225.5	82.2	239.5
Buttons.....	13	188	0.1	290,000	0.1	198,000	0.1	74.7	163.5	85.0	143.2
Cutlery and tools, not elsewhere specified.....	16	118	0.1	285,000	0.1	162,000	0.1	80.4	6.0	105.1	2.6
Boxes, cigar.....	7	136	0.1	283,000	( <sup>3</sup> )	144,000	( <sup>3</sup> )	14.6	2.1	24.1	12.6
Pens, fountain, stylographic, and gold.....	5	47	( <sup>2</sup> )	248,000	( <sup>3</sup> )	126,000	( <sup>3</sup> )	31.9	.....	13.5	.....
Jewelry.....	13	78	( <sup>2</sup> )	240,000	( <sup>3</sup> )	153,000	( <sup>3</sup> )	90.5	65.8	73.9	120.0
All other industries.....	736	12,588	6.9	46,702,000	7.9	21,411,000	8.8	.....	.....	.....	.....

<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.

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 the material for another establishment.

Although a few industries predominate greatly in importance, it will be seen from Table II that there is, on the whole, considerable diversity in the manufacturing activities of the state. The most important industries listed in the preceding table, in which they are arranged in the order of the value of products, call for brief consideration.

*Lumber and timber products.*—This classification embraces logging operations, sawmills, planing mills, and establishments manufacturing wooden packing boxes. Although this industry has decreased in importance during the last decade in consequence of the depletion of the forests of the state, it is still the leading manufacturing industry of Wisconsin, giving employment in 1909 to an average of 34,093 wage earners, or 18.7 per cent of the total number of wage earners employed in the manufacturing industries of the state, and reporting products valued at \$57,969,000, or 9.8 per cent of the total value of the state's manufactures.

*Foundry and machine-shop products.*—This industry embraces, in addition to the foundries and machine shops, the establishments engaged in the manufacture of gas machines and gas and water meters; hardware; cast-iron and cast-steel pipe; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork. The industry is really of greater importance in the state than is indicated by the statistics, as some machine shops manufactured distinctive products, and, as a result, were assigned to other classifications. In 1909 the industry gave employment to an average of 24,219 wage earners, or 13.3 per cent of the total for all manufacturing industries in Wisconsin, and reported products to the value of \$54,124,000, or 9.2 per cent of the state total.

*Butter, cheese, and condensed milk.*—This is a flourishing industry in Wisconsin, the value of its products increasing 79.5 per cent from 1904 to 1909 and 49.1 per cent from 1899 to 1904. Of the 2,630 establishments reported in 1909, 853 manufactured butter as their chief product, 1,771 cheese, and 6 condensed milk, as compared with 902 butter factories, 1,454 cheese factories, and 4 condensed-milk establishments in 1904.

*Leather, tanned, curried, and finished.*—Although the number of tanneries decreased from 42 in 1899 to 32 in 1909, the number of wage earners in the industry increased 43.4 per cent and the value of products 122.5 per cent. This industry has advanced from fifth place among the manufacturing industries of the state in value of products in 1899 to fourth place in 1909.

*Malt and malt liquors.*—The value of the products of the breweries of Wisconsin increased 12 per cent from 1904 to 1909, and that of the products of the malt establishments 9.8 per cent. Combined, the two

classes of establishments gave employment to 5,407 wage earners in 1904 and 5,517 in 1909. In the latter year Wisconsin reported 8.6 per cent of the total value of malt liquors and 25.1 per cent of the total value of malt reported for the United States, ranking third among the states in the production of malt liquors and second in the output of malt.

*Flour-mill and gristmill products.*—This industry, which ranked sixth among the industries of the state in 1909 as measured by value of products, contributed 5.4 per cent of the value of all manufactured products of Wisconsin in that year. Owing to the comparatively simple processes involved in this industry and the extent to which these processes are carried on by machinery, the value added by manufacture is not commensurate with the gross value of products.

*Slaughtering and meat packing.*—This classification includes establishments engaged in wholesale slaughtering and meat packing and those engaged in the manufacture of sausage only. From 1904 to 1909 the number of establishments nearly doubled, while the value of products increased 64.3 per cent.

*Paper and wood pulp.*—In 1909 this industry was sixth in importance in the state when measured by the average number of wage earners employed. The value of the products of the mills in that year was \$25,962,000, an increase of 45.5 per cent over the value reported in 1904.

*Furniture and refrigerators.*—This industry gave employment to an average of 11,118 wage earners, representing 6.1 per cent of the total employed in all manufacturing industries in the state in 1909. Wisconsin reported 7.8 per cent of the total value of products for the industry for the United States as a whole.

*Cars and general shop construction and repairs by steam-railroad companies.*—This classification represents the work done in the car shops of steam-railroad companies, and is practically confined to repairs to the rolling stock and equipment. The statistics do not include minor repairs made in round-houses. In 1909 the industry gave employment to an average of 8,994 wage earners, ranking fourth in this respect among the manufacturing industries of the state. The value of work done in 1909 was reported as \$14,332,000.

*Boots and shoes, including cut stock and findings.*—This is one of the rapidly growing industries of the state. During the decade from 1899 to 1909 there was an increase of 84.6 per cent in the average number of wage earners employed and of 162.1 per cent in value of products.

*Automobiles, including bodies and parts.*—This industry has developed in Wisconsin almost entirely since 1899. In 1904 there were 6 establishments, with products valued at \$1,875,000, while in 1909 there were 30 establishments, giving employment to an average of 4,298 wage earners and reporting products valued at \$11,440,000.

In addition to the 51 industries presented separately in the preceding table for which products valued at more than \$500,000 are reported, there are 24 other industries each of which had a value of products in 1909 in excess of this amount.<sup>1</sup> These 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 present properly 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 statistics can not be presented for either 1904 or 1899 without disclosing the operations of individual establishments, or on account of changes in classification. The statistics for 1909, however, for the manufacture of blacking and cleansing and polishing preparations and of brass and bronze products, and for the shipbuilding industry, including boat building, are presented in Table II, page 690.

The relative importance of the leading industries shown in the preceding table when measured by value added by manufacture differs considerably, on the whole, from their relative importance as measured by value of products, although the lumber and timber products and foundry and machine-shop industries hold first and second place, respectively, on either basis. The brewery industry, however, which ranks fifth in value of products, becomes third in rank according to value added by manufacture; the furniture and refrigerator industry becomes fourth instead of ninth; and printing and publishing seventh instead of twelfth. On the other hand, the butter, cheese, and condensed-milk industry, which is third in value of products, drops to tenth place in value added by manufacture; the flour-mill and gristmill industry becomes thirteenth instead of sixth; and slaughtering and meat packing sixteenth instead of seventh.

The preceding table gives also the percentages of increase for these leading industries in respect to value of products and value added by manufacture in all cases where comparative statistics can be presented. The largest relative increase in value of products from 1904 to 1909 reported for any of the industries shown separately in the table was that of 510.1 per cent for the automobile industry, which includes the manufacture of bodies and parts. This industry also shows an exceptionally large rate of increase in value added by manufacture, 492.2 per cent. The greatest rate

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

Glue.	Glue.
Hats, straw.	Hats, straw.
Instruments, professional and scientific.	Instruments, professional and scientific.
Liquors, distilled.	Liquors, distilled.
Matches.	Matches.
Mineral and soda waters.	Mineral and soda waters.
Rubber goods, not elsewhere specified.	Rubber goods, not elsewhere specified.
Shipbuilding, including boat building.	Shipbuilding, including boat building.
Soap.	Soap.
Steam packing.	Steam packing.
Windmills.	Windmills.
Wirework, including wire rope and cable.	Wirework, including wire rope and cable.
Bags, other than paper.	
Bags, paper.	
Beet sugar.	
Blacking and cleansing and polishing preparations.	
Boots and shoes, rubber.	
Brass and bronze products.	
Butter, reworking.	
Clothing, horse.	
Coffee and spice, roasting and grinding.	
Coke.	
Enameling and japanning.	
Explosives.	

of increase in value added by manufacture, however, reported for any of the industries shown in the table was that for the manufacture of pianos and organs and materials, 529.7 per cent. The rate of increase in gross value of products for this industry was also very high, amounting to 385.3 per cent. From 1899 to 1904 the manufacture of fancy articles, not elsewhere specified, showed the greatest rates of increase both in value of products and in value added by manufacture. Other industries which showed remarkable rates of increase both in value of products and in value added by manufacture during the more recent five-year period are the manufacture of artificial stone; dairy-men's, poulterers', and apiarists' supplies; coffins, burial cases, and undertakers' goods; boxes, fancy and paper; gas and electric fixtures and lamps and reflectors; and food preparations.

Of all the different industries for which separate figures are given only the lumber and timber products industry shows a decrease in value of products for both five-year periods. Five other industries, however, show decreases in value of products from 1904 to 1909, and one other a decrease from 1899 to 1904. Ten industries show decreases in value added by manufacture from 1904 to 1909 and three decreases from 1899 to 1904.

**Persons engaged in manufacturing industries.**—The following table shows, for 1909, the distribution of the number of persons engaged in manufactures, the average 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.....	213,426	186,350	27,076
Proprietors and officials.....	14,622	14,294	328
Proprietors and firm members.....	8,556	8,327	229
Salaried officers of corporations.....	2,351	2,299	52
Superintendents and managers.....	3,715	3,668	47
Clerks.....	16,221	12,955	3,266
Wage earners (average number).....	182,583	159,101	23,482
16 years of age and over.....	178,316	156,734	21,582
Under 16 years of age.....	4,267	2,367	1,900

The average number of persons engaged in manufactures during 1909 was 213,426, of whom 182,583 were wage earners. Of the remainder, 14,622 were proprietors and officials and 16,221 were clerks. Corresponding figures for individual industries will be found in Table II, page 690.

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 32 important industries individually.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	213,426	6.9	7.6	85.5
Agricultural implements.....	4,095	3.6	30.3	66.0
Automobiles, including bodies and parts.....	4,647	2.7	4.8	92.5
Boots and shoes, including cut stock and findings.....	5,962	2.4	6.5	91.1
Bread and other bakery products.....	2,719	27.5	8.1	64.4
Brick and tile.....	1,219	13.9	1.8	84.2
Butter, cheese, and condensed milk.....	5,161	40.8	3.7	55.5
Canning and preserving.....	2,044	8.9	4.2	86.9
Carriages and wagons and materials.....	4,044	10.4	4.6	85.0
Cars and general shop construction and repairs by steam-railroad companies.....	9,419	1.6	2.9	95.5
Clothing, men's, including shirts.....	4,841	3.4	8.8	87.8
Confectionery.....	2,262	3.5	17.8	78.7
Cooperage and wooden goods, not elsewhere specified.....	1,315	5.6	2.6	91.9
Copper, tin, and sheet-iron products.....	3,253	6.7	7.8	85.5
Electrical machinery, apparatus, and supplies.....	1,904	6.6	19.4	74.0
Flour-mill and gristmill products.....	1,931	25.1	13.6	61.3
Foundry and machine-shop products.....	28,075	4.2	9.5	86.3
Furniture and refrigerators.....	12,161	2.6	6.0	91.4
Gas, illuminating and heating.....	1,505	12.2	17.1	70.6
Gloves and mittens, leather.....	1,782	2.9	5.0	92.1
Hosiery and knit goods.....	4,659	2.7	5.4	91.9
Iron and steel, steel works and rolling mills.....	2,285	1.8	5.3	93.0
Leather goods.....	2,450	4.6	9.8	85.7
Leather, tanned, curried, and finished.....	7,977	1.3	4.1	94.6
Liquors, malt.....	6,076	6.4	10.3	83.3
Lumber and timber products.....	37,134	5.0	3.2	91.8
Marble and stone work.....	2,898	7.2	3.3	89.5
Paper and wood pulp.....	7,878	2.0	3.2	94.8
Printing and publishing.....	7,860	15.4	16.4	68.2
Slaughtering and meat packing.....	2,263	4.3	12.2	83.5
Stoves and furnaces, including gas and oil stoves.....	2,116	2.2	12.6	85.2
Tobacco manufactures.....	3,380	26.0	3.3	70.7
Woolen, worsted, and felt goods, and wool hats.....	1,178	5.9	5.3	88.8
All other industries.....	26,933	8.4	10.4	81.3

Of the total number of persons engaged in all manufacturing industries, 6.9 per cent were proprietors and officials, 7.6 per cent clerks, and 85.5 per cent wage earners. The highest percentage of proprietors and officials shown for any individual industry, 40.8, is for the establishments engaged in the manufacture of butter, cheese, and condensed milk. In this industry and also in the bakery, flour-mill and gristmill, and tobacco manufacturing 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 the persons engaged in these industries falling in the class of proprietors and officials is very much higher than for most other industries or for all industries combined.

On account of the large average number of wage earners in the steam-railroad repair shops, the steel works and rolling mills, the tanneries, the paper and pulp mills, and the establishments manufacturing stoves and furnaces, these industries show the smallest proportions of proprietors and officials.

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.			
All industries.....	182,583	85.8	11.8	2.3
Agricultural implements.....	2,704	96.9	1.6	1.5
Automobiles, including bodies and parts.....	4,298	99.1	0.3	0.6
Boots and shoes, including cut stock and findings.....	5,431	57.7	33.7	8.6
Bread and other bakery products.....	1,751	77.3	19.5	3.8
Brick and tile.....	1,027	97.8	0.1	2.1
Butter, cheese, and condensed milk.....	2,863	97.1	2.2	0.7
Canning and preserving.....	1,776	67.9	28.9	3.2
Carriages and wagons and materials.....	3,437	98.5	0.9	0.7
Cars and general shop construction and repairs by steam-railroad companies.....	8,994	99.9	0.1	.....
Clothing, men's, including shirts.....	4,252	22.3	73.3	4.5
Confectionery.....	1,780	25.2	54.8	19.9
Cooperage and wooden goods, not elsewhere specified.....	1,208	98.3	0.8	0.9
Copper, tin, and sheet-iron products.....	2,780	81.8	17.2	1.0
Electrical machinery, apparatus, and supplies.....	1,409	93.5	5.8	0.6
Flour-mill and gristmill products.....	1,184	99.5	0.4	0.1
Foundry and machine-shop products.....	24,219	98.3	0.8	0.9
Furniture and refrigerators.....	11,118	92.9	3.4	3.7
Gas, illuminating and heating.....	1,063	99.2	0.8	.....
Gloves and mittens, leather.....	1,642	31.3	62.9	5.8
Hosiery and knit goods.....	4,282	17.7	71.7	10.6
Iron and steel, steel works and rolling mills.....	2,124	99.7	.....	0.3
Leather goods.....	2,090	71.7	23.6	4.7
Leather, tanned, curried, and finished.....	7,548	95.7	3.9	0.4
Liquors, malt.....	5,061	93.8	6.2	.....
Lumber and timber products.....	34,093	98.0	0.9	1.1
Marble and stone work.....	2,593	100.0	.....	( <sup>2</sup> )
Paper and wood pulp.....	7,467	87.2	12.6	0.2
Printing and publishing.....	5,360	68.8	25.7	5.5
Slaughtering and meat packing.....	1,890	93.2	5.1	1.6
Stoves and furnaces, including gas and oil stoves.....	1,803	96.9	.....	3.1
Tobacco manufactures.....	2,391	73.1	26.3	0.5
Woolen, worsted, and felt goods, and wool hats.....	1,046	40.5	53.5	5.9
All other industries.....	21,890	76.3	20.1	3.6

<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.

For all industries combined, 85.8 per cent of the average number of wage earners were males 16 years of age and over; 11.8 per cent, females 16 years of age and over; and 2.3 per cent, children under the age of 16. The proportions of women and of children were high in several important industries. In the manufacture of men's clothing, 73.3 per cent of the wage earners were women 16 years of age and over; in the confectionery industry, 54.8 per cent; in leather gloves and mittens, 62.9 per cent; in hosiery and knit goods, 71.7 per cent; and in the manufacture of woolen, worsted, and felt goods, and wool hats, 53.5 per cent. In the confectionery industry 19.9 per cent, and in the hosiery and knitting mills 10.6 per cent, of the wage earners were under 16 years of age.

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 next table makes this comparison according to occupational status.

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				Per cent of increase, 1904-1909.
	1909		1904		
	Number.	Per cent distribution.	Number.	Per cent distribution.	
Total.....	213,426	100.0	173,572	100.0	23.0
Proprietors and firm members.....	8,556	4.0	7,961	4.6	7.5
Salaried employees.....	22,287	10.4	14,220	8.2	56.7
Wage earners (average number).....	182,583	85.5	161,391	87.2	20.6

Comparable figures are not obtainable for 1899. The table shows a greater percentage of increase in the number of salaried employees than in the other two classes.

The table in the next column 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 reported for a single representative day. (See Introduction.)

This table indicates that for all industries combined there has been a decrease during the 10 years in the employment of children under 16 years of age, although from 1904 to 1909 the total number of children employed increased slightly. There has been no great change in the proportions of male and female wage earners 16 years of age and over. In 1909 males 16 years of age and over formed 85.8 per cent of all wage

earners, as compared with 85.4 per cent in 1904 and 86 per cent in 1899.

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total.....	182,583	100.0	151,391	100.0	137,525	100.0
16 years of age and over.....	178,316	97.7	147,244	97.3	131,972	96.0
Male.....	156,734	85.8	129,274	85.4	118,332	86.0
Female.....	21,582	11.8	17,970	11.9	13,640	9.9
Under 16 years of age.....	4,267	2.3	4,147	2.7	5,553	4.0

**Wage earners employed, by months.**—The following table gives the number of wage earners employed on the 15th day of each month during the year 1909 for all industries combined, for the canning and preserving and the lumber and timber products industries, 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 690, are shown, for practically all 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. The wage earners for the lumber industry are divided in the table in such a manner as to show separately the number engaged in the mills and in the logging operations.

MONTH.	WAGE EARNERS.											
	All industries.		Canning and preserving.		Lumber and timber products.					All other industries.		
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Total.		In mills.		In logging operations.		Number.	Per cent of maximum.
					Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.		
January.....	174,937	90.9	292	4.5	36,756	96.0	19,631	69.6	17,125	100.0	137,839	88.4
February.....	178,091	92.5	313	4.8	33,284	100.0	21,769	77.2	16,515	96.4	139,494	89.4
March.....	179,007	93.0	332	5.8	30,588	95.6	23,778	84.4	12,810	74.8	142,037	91.0
April.....	173,561	90.1	612	9.3	31,194	81.5	26,061	92.5	5,133	30.0	141,755	90.9
May.....	176,625	91.7	904	13.8	31,955	83.5	27,016	95.8	4,939	28.8	143,766	92.1
June.....	180,691	93.9	1,230	19.5	33,902	88.6	28,186	100.0	5,716	33.4	145,509	93.3
July.....	184,290	95.7	6,560	100.0	32,613	85.2	27,190	96.5	5,423	31.7	145,117	93.0
August.....	185,556	96.4	5,455	83.2	31,859	83.2	26,163	92.8	5,696	33.3	148,242	95.0
September.....	185,592	96.4	2,536	38.7	32,004	83.6	24,978	88.6	7,026	41.0	151,052	96.8
October.....	188,604	98.0	1,363	20.8	33,243	86.8	23,783	84.2	9,510	55.5	154,053	98.7
November.....	191,447	99.4	931	14.2	34,920	91.2	22,140	78.5	12,780	74.0	155,596	99.7
December.....	192,527	100.0	683	10.5	35,816	93.6	20,043	71.1	15,772	92.1	156,024	100.0

Canning and preserving and the lumber and timber industries are the only seasonal industries of importance in Wisconsin. Most of the activity in the canning and preserving industry occurs in July, August, and September, the season when the fruits and vegetables canned reach the proper stage of maturity. The greatest number of wage earners employed in this industry in any one month was 6,560 in July, while the least number, 292, representing but 4.5 per cent of the maximum, was reported for January. In the lumber industry as a whole the number employed in April, the month of least employment, was only 18.5 per cent less than that in February, the month of

greatest employment. The number employed in the logging operations alone varied much more than this, however, the number in May being only 28.8 per cent of the number in January. Employment in the mills was more steady, the number of wage earners in January, the month of least activity, being 69.6 per cent of the number in June, the month of greatest activity. The small variation in the industry as a whole, when compared with the variations in the two branches, is due to the fact that the period of least employment in one branch of the industry is the period of greatest employment in the other branch.

Prevailing hours of labor.—In the following table wage earners have been classified according to the hours of labor prevailing in the establishments 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.

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.....	182,583	12,057	4,420	20,756	40,010	93,072	5,366	4,732	2,170
Agricultural implements.....	2,704				1,906	798			
Artificial stone.....	377	9	6	35	19	308			
Automobiles, including bodies and parts.....	4,298	4		273	2,121	985		915	
Boots and shoes, including cut stock and findings.....	5,431	3	28	430	1,458	3,512			
Boxes, cigar.....	186	94		22	43	27			
Boxes, fancy and paper.....	824			411	76	320			
Bread and other bakery products.....	1,751	60	186	136	27	1,081	198	44	19
Brick and tile.....	1,027		20	18	38	911	40		
Brooms.....	101	6	19	2	18	56			
Brushes.....	142	2		83	45	12			
Butter, cheese, and condensed milk.....	2,863	251	22	68	192	766	1,103	94	367
Buttons.....	188	6		2		180			
Canning and preserving.....	1,776		47	13	125	1,051	217	251	72
Carriages and wagons and materials.....	3,437	8		119	1,241	2,069			
Cars and general shop construction and repairs by steam-railroad companies.....	8,994	124	977	7,120		268	409		96
Chemicals.....	76					76			
Clothing, men's, including shirts.....	4,252	884	89	1,706	1,251	322			
Clothing, women's.....	565	14	44	443		64			
Coffins, burial cases, and undertakers' goods.....	349			6		332	11		
Confectionery.....	1,780	5		350	409	1,016			
Cooperage and wooden goods, not elsewhere specified.....	1,208	219	6	75	137	771			
Copper, tin, and sheet-iron products.....	2,780	318		68	1,054	1,340			
Cutlery and tools, not elsewhere specified.....	118			8	58	52			
Dairymen's, poulterers' and apiarists' supplies.....	526		7	3	28	488			
Electrical machinery, apparatus, and supplies.....	1,409	7	41	351	939	71			
Fancy articles, not elsewhere specified.....	343	4		3	143	193			
Flour-mill and gristmill products.....	1,184	248	5	4	2	837	76	10	2
Food preparations.....	526	1	263	8	60	152		41	
Foundry and machine-shop products.....	24,219	44	295	511	14,549	8,815	4		
Fur goods.....	413	56	40	124	32	161			
Furniture and refrigerators.....	11,118	46	20	151	1,121	9,780			
Gas and electric fixtures and lamps and reflectors.....	552	5		171	8	368			
Gas, illuminating and heating.....	1,063	9		14	49	703	35		233
Gloves and mittens, leather.....	1,642	53	64	188	875	402			
Hosiery and knit goods.....	4,282	24	96	920	2,876	366			
Iron and steel, blast furnaces.....	758								758
Iron and steel, steel works and rolling mills.....	2,124	10		10	102	977		1,025	
Jewelry.....	78	3	14	57		4			
Leather goods.....	2,099	25	78	321	1,032	594	4		
Leather, tanned, curried, and finished.....	7,548			13	717	6,818			
Lime.....	776	1		9	15	626	120	1	4
Liquors, malt.....	5,061	3,423	2	614	36	913	64	4	5
Lumber and timber products.....	34,093	230	74	808	1,202	31,217	547	9	6
Malt.....	455			50	25	108	8	7	20
Marble and stone work.....	2,593	468	496	903	40	678			
Mattresses and spring beds.....	504	61			127	316			
Millinery and lace goods.....	307		41	21		245			
Mirrors.....	87			10	30	47			
Musical instruments, pianos and organs and materials.....	369	2	5		1	361			
Paint and varnish.....	194			33	151	10			
Paper and wood pulp.....	7,467	661				3,195	1,442	2,043	126
Paper goods, not elsewhere specified.....	329			25	120	173	11		
Patent medicines and compounds and druggists' preparations.....	269	106	64	50	3	40			
Photo-engraving.....	171	138	32			1			
Printing and publishing.....	5,360	2,219	744	1,013	333	415	22		14
Slaughtering and meat packing.....	1,800	135		734		1,021			
Stoves and furnaces, including gas and oil stoves.....	1,803		74		941	788			
Tobacco manufactures.....	2,391	1,863	21	173	31	288	15		
Woolen, worsted, and felt goods, and wool hats.....	1,046	2		3	376	665			
All other industries.....	12,300	206	488	1,467	3,778	4,798	853	288	423

More than five-sixths (84.3 per cent) of the wage earners employed in the manufacturing industries of Wisconsin work in establishments where the prevailing hours of labor range from 54 to 60 a week, inclusive, only 9 per cent of the total being employed in establishments where the prevailing hours are less than 54 a week, and only 6.7 per cent in establishments where they are more than 60 a week.

While in many of the larger industries employment is confined mainly to a week of between 54 and 60 hours, the 60-hour week so predominates in a number of the more important industries, including the lumber and timber products, that these are the prevailing hours for more than one-half of the total number of wage earners in all manufacturing industries of the state. For the large majority of the wage earners in

the breweries and the tobacco factories a week of 48 hours or less prevails, while the majority of those in printing and publishing establishments work less than 54 hours a week. For most of those employed in the butter, cheese, and condensed-milk factories and in the blast furnaces, on the other hand, the hours of labor are over 60 a week. The week of over 60 hours is also common in the steel works and rolling mills and in the paper and pulp mills.

Location of establishments.—The next table shows the extent to which the manufactures of Wisconsin are centralized in cities of 10,000 population or over and also the proportions in districts outside of these cities. (See Introduction.)

The population in 1900 was used as a basis in making a classification for 1904 as well as for 1899, but the classification for 1909 was made on the basis of the population in 1910.

ITEM.	Year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES 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.	Per cent of total.
			Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.		
Population.....	1910 1900	2,333,860 2,069,042	752,948 599,845	32.3 29.0	160,061 197,158	6.9 9.5	219,030 117,372	9.4 5.7	373,857 285,315	16.0 13.8	1,580,912 1,469,197	67.7 71.0
Number of establishments.....	1909 1904 1899	9,721 8,558 7,841	3,330 2,950 2,700	34.3 34.5 34.4	688 919 811	7.1 10.7 10.3	878 504 470	9.0 5.9 6.0	1,764 1,527 1,419	18.1 17.8 18.1	6,391 5,608 5,141	65.7 65.5 65.6
Average number of wage earners.....	1909 1904 1899	182,583 151,391 137,525	113,662 89,669 82,056	62.3 59.2 59.7	24,466 30,972 25,944	13.4 20.5 18.9	29,694 15,331 14,892	16.3 10.1 10.8	59,502 43,366 41,220	32.6 28.6 30.0	68,921 61,722 55,469	37.7 40.8 40.3
Value of products.....	1909 1904 1899	\$590,305,538 411,139,681 326,782,878	\$304,736,784 249,001,611 194,671,599	61.8 60.6 59.6	\$73,322,285 71,398,806 49,548,271	12.4 17.4 15.2	\$83,090,869 39,607,840 34,269,226	14.1 9.6 10.5	\$208,323,630 137,994,965 110,854,102	35.3 33.6 33.9	\$225,568,754 162,133,070 132,081,279	38.2 39.4 40.4
Value added by manufacture....	1909 1904 1899	243,948,955 183,884,589 141,057,485	158,263,857 117,727,841 88,677,429	64.9 64.0 62.9	30,451,355 32,176,680 23,127,403	12.5 17.5 16.4	40,110,295 18,659,829 14,389,564	16.4 10.1 10.2	87,702,207 66,891,532 51,160,402	36.0 36.4 36.3	85,085,098 66,156,748 52,380,050	35.1 30.0 37.1

In 1909, 61.8 per cent of the total value of manufactured products for the state was reported from cities having over 10,000 inhabitants, and 62.3 per cent of the average number of wage earners in manufacturing industries were employed in such cities. The figures indicate that, while very little relative change took place during the 10 years, the manufacturing industries of the cities in question grew somewhat more rapidly than those of the districts outside, although the percentage of manufacturing establishments located outside of such cities was slightly larger in 1909 than in 1899.

Although all of the cities having between 10,000 and 25,000 inhabitants in 1910, except Ashland and Marinette, show decided increases in value of products during the decade, the fact that the population of Green Bay, Madison, and Sheboygan, which were included in this group for 1899, increased to such an extent that for 1909 they fall in the group comprising the cities having between 25,000 and 100,000 inhabitants, has caused a decrease in the relative industrial importance of the former group, and an increase in that of the latter. The percentages of the average number of wage earners and value of products for the state reported from Milwaukee were somewhat larger in 1909 than in 1899, while the percentage of the value added by manufacture was slightly smaller.

Of the total value of products reported for the state in 1909, 12.4 per cent was reported from the 10 cities having between 10,000 and 25,000 inhabitants, 14.1 per cent from the 7 cities having between 25,000 and 100,000 inhabitants, and 35.3 per cent from Milwaukee.

The population in 1910 and 1900 of the 18 cities which had 10,000 inhabitants or over in 1910 is given in the following tabular statement:

CITY.	1910	1900	CITY.	1910	1900
Milwaukee.....	373,857	285,315	Fond du Lac....	18,797	15,110
Superior.....	40,384	31,091	Eau Claire.....	18,310	17,517
Racine.....	38,002	29,102	Appleton.....	16,773	15,085
Oshkosh.....	33,062	28,284	Wausau.....	16,560	12,354
La Crosse.....	30,417	28,895	Beloit.....	15,125	10,436
Sheboygan.....	26,398	22,962	Marinette.....	14,610	10,195
Madison.....	25,531	19,164	Janesville.....	13,894	13,185
Green Bay.....	25,236	18,684	Manitowoc.....	13,027	11,786
Kenosha.....	21,371	11,606	Ashland.....	11,594	13,074

The relative importance in manufactures of each of these 18 cities is shown in the following table, in which the value of products and average number of wage earners are shown separately for 1909, 1904, and 1899:

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1909	1904	1899	1909	1904	1899
Milwaukee <sup>1</sup> .....	59,502	43,366	41,220	\$208,323,630	\$137,994,965	\$110,854,102
Racine.....	8,381	6,504	6,138	24,672,669	16,458,965	11,676,150
Kenosha.....	6,449	4,854	3,090	23,181,672	12,362,600	7,333,633
Oshkosh.....	5,778	4,840	4,226	14,739,252	8,652,462	8,080,969
La Crosse.....	3,329	2,644	2,763	14,103,148	8,139,432	7,676,581
Sheboygan <sup>1</sup> .....	5,988	5,903	4,992	11,299,029	9,751,116	6,906,742
Fond du Lac.....	2,707	2,566	1,520	8,226,908	5,599,606	2,809,742
Appleton.....	2,125	2,486	1,561	6,734,405	6,672,457	3,801,284
Superior.....	1,847	1,843	1,765	6,574,467	6,356,981	6,836,496
Wausau.....	2,092	1,945	1,716	6,286,832	4,644,457	3,796,557
Green Bay.....	2,579	2,111	1,427	6,235,209	4,873,027	2,790,251
Manitowoc.....	1,525	1,321	975	5,938,887	4,427,810	1,936,442
Beloit.....	2,986	2,471	1,845	5,885,601	4,485,224	2,796,037
Eau Claire.....	2,524	1,985	1,758	5,854,733	3,601,558	3,876,336
Madison.....	1,792	1,476	1,365	5,487,105	3,291,143	2,689,019
Janesville.....	1,451	1,348	1,398	5,155,731	3,846,038	3,184,426
Marinette.....	1,491	1,645	2,485	3,309,378	3,633,309	4,411,250
Ashland.....	1,116	1,361	1,812	2,748,438	4,210,365	3,590,801

<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.

Every city except Marinette and Ashland shows an increase in the value of products from 1904 to 1909, and all but Superior, Eau Claire, and Marinette an increase from 1899 to 1904. The greatest percentage of gain from 1904 to 1909, 87.5, was in Kenosha and the greatest from 1899 to 1904, 128.8, in Manitowoc.

Milwaukee, the largest and most important city in the state, shows an increase of 51 per cent in value of manufactured products and of 37.2 per cent in the average number of wage earners employed in manufacturing industries from 1904 to 1909. The city ranked eleventh among the cities of the United States in value of manufactured products in 1899, twelfth in 1904, and tenth in 1909. It reported 35.3 per cent of the total value of products of the state in 1909 and employed 32.6 per cent of the total number of wage earners. More than one-third of the total value of the foundry and machine-shop products of the state; about three-fifths of the value of products for the leather, brewery, and printing and publishing industries; nine-tenths of that for the fur-goods and the paint and varnish industries; and the entire output of the millinery and lace-goods industry were reported from Milwaukee. The value of the products for the steel works and rolling mills in the state was reported mostly from Milwaukee, but the statistics for the industry for the city can not be shown without disclosing individual operations. In 1909 Milwaukee held first place among the cities of the United States in the value of leather (tanned, curried, and finished), and third place in that of malt liquors brewed.

The paper and pulp mills were by far the most important manufacturing industry of Appleton, contributing 58.7 per cent of the value of all manufactured products of the city. Of the total value of manufactured products for Beloit, the foundries and machine shops contributed 80.4 per cent. The blast furnaces constituted the most important industry of Ashland, while in Eau Claire the lumber and timber products and the paper and wood-pulp industries predominated. The chief industry of Fond du Lac was the tanning, currying, and finishing of leather; in Green Bay the flour mills and gristmills and the paper and pulp mills are most important; and in Janesville the manufacture of agricultural implements is the leading industry. The principal industries in Kenosha were the tanning, currying, and finishing of leather and the manufacture of furniture and refrigerators and of automobiles, including bodies and parts; in La Crosse, flour mills and gristmills and breweries; in Madison, the foundry and machine-shop and the printing and publishing

industries and the manufacture of agricultural implements and of electrical machinery, apparatus, and supplies; in Manitowoc, the malt industry; in Marinette, the lumber and timber products industry; in Oshkosh, the lumber and timber products and the match industries; in Racine, the manufacture of agricultural implements, automobiles, including bodies and parts, and carriages and wagons and materials; in Sheboygan, the manufacture of furniture and refrigerators and the tanning, currying, and finishing of leather; in Superior, flour mills and gristmills; and in Wausau, the lumber and timber products and flour-mill and gristmill industries.

**Character of ownership.**—The table on the following 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.

The most important distinction shown is that between corporate and all other forms of ownership. The establishments operated by corporations, though constituting only 24.9 per cent of the total number of establishments in 1909, reported 79.8 per cent of the total value of products. In 1904 such establishments constituted 23.1 per cent of the total number and reported 75.6 per cent of the total value of products. The establishments operated by individuals and firms show decreases in their proportions of the total for every item covered by the table, while those under "Other" forms of ownership, which are principally those operated by cooperative associations, have grown in relative importance. In both years corporations controlled about four-fifths of the manufacturing activities of the state, as measured either by average number of wage earners, value of products, or value added by manufacture. Although in only 7 out of the 15 industries shown separately in this table were a majority of the establishments under corporate ownership, the butter, cheese, and condensed-milk industry was the only one in which such establishments did not do the greater part of the business. This latter industry is peculiar in its organization, most of the establishments being operated by individuals or by cooperative associations.

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>Flour-mill and gristmill products, 1909.</b>				
1909.....	9,721	182,583	\$590,305,538	\$243,948,955	Individual.....	322	1,184	\$31,667,434	\$4,629,206
1904.....	8,558	151,391	411,139,681	183,884,589	Firm.....	143	180	4,094,813	570,230
<b>Individual:</b>					Corporation.....	104	341	7,997,670	1,108,828
1909.....	4,974	14,250	53,714,983	18,126,394	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	4,418	15,224	43,609,849	17,362,672	Individual.....	44.4	15.2	12.9	12.3
<b>Firm:</b>					Firm.....	32.3	28.8	25.3	23.9
1909.....	1,424	11,264	45,998,129	16,141,908	Corporation.....	23.3	56.0	61.8	63.7
1904.....	1,557	15,391	48,031,872	17,029,404	<b>Foundry and machine-shop products, 1909.</b>				
<b>Corporation:</b>					Individual.....	444	24,219	\$54,124,000	\$31,590,264
1909.....	2,422	156,027	471,360,437	207,588,444	Firm.....	120	523	1,085,554	643,595
1904.....	1,981	119,097	310,912,592	148,200,671	Corporation.....	76	845	1,794,176	1,209,000
<b>Other:</b>					Per cent of total.....	248	22,851	51,244,270	29,737,069
1909.....	901	1,080	19,231,989	2,092,149	Individual.....	100.0	100.0	100.0	100.0
1904.....	602	1,079	8,585,368	1,291,842	Individual.....	27.0	2.2	2.0	2.0
<b>Per cent of total:</b>					Firm.....	17.1	3.5	3.3	3.8
1909.....	100.0	100.0	100.0	100.0	Corporation.....	55.9	94.4	94.7	94.1
1904.....	100.0	100.0	100.0	100.0	<b>Furniture and refrigerators, 1909.</b>				
<b>Individual:</b>					Individual.....	114	11,118	\$18,655,535	\$9,860,222
1909.....	51.2	7.8	9.1	7.4	Individual.....	24	342	405,550	264,267
1904.....	51.6	10.1	10.6	9.4	Firm.....	9	196	381,932	208,890
<b>Firm:</b>					Corporation.....	81	10,580	17,868,053	9,387,065
1909.....	14.6	6.2	7.8	6.6	<b>Per cent of total:</b>				
1904.....	18.2	10.2	11.7	9.3	Individual.....	21.1	3.1	2.5	2.7
<b>Corporation:</b>					Firm.....	7.9	1.8	2.0	2.1
1909.....	24.9	85.5	79.8	85.1	Corporation.....	71.1	95.2	95.5	95.2
1904.....	23.1	79.1	75.6	80.6	<b>Hosiery and knit goods, 1909.</b>				
<b>Other:</b>					Individual.....	61	4,282	\$7,843,389	\$3,956,193
1909.....	9.3	0.6	3.3	0.9	Individual.....	22	97	119,081	56,949
1904.....	7.0	0.7	2.1	0.7	Firm.....	3	19	61,709	26,884
<b>Agricultural implements, 1909.</b>					Corporation.....	36	4,166	7,662,599	872,560
Individual.....	45	2,704	\$11,411,303	\$7,473,967	<b>Per cent of total:</b>				
Firm.....	13	41	124,187	68,772	Individual.....	100.0	100.0	100.0	100.0
Corporation.....	5	35	78,816	37,558	Individual.....	28.9	1.5	1.1	0.9
<b>Per cent of total:</b>					Firm.....	11.1	1.3	0.7	0.5
1909.....	100.0	100.0	100.0	100.0	Corporation.....	60.0	97.2	98.2	98.6
1904.....	100.0	100.0	100.0	100.0	<b>Boots and shoes, including out stock and findings, 1909.</b>				
<b>Individual:</b>					Individual.....	68	5,431	\$13,602,234	\$4,849,398
1909.....	51.2	7.8	9.1	7.4	Individual.....	16	191	365,121	139,064
1904.....	51.6	10.1	10.6	9.4	Firm.....	4	117	204,291	109,846
<b>Firm:</b>					Corporation.....	48	5,123	12,972,822	4,600,488
1909.....	14.6	6.2	7.8	6.6	<b>Per cent of total:</b>				
1904.....	18.2	10.2	11.7	9.3	Individual.....	100.0	100.0	100.0	100.0
<b>Corporation:</b>					Individual.....	23.5	3.5	2.7	2.9
1909.....	24.9	85.5	79.8	85.1	Firm.....	5.9	2.2	1.9	2.3
1904.....	23.1	79.1	75.6	80.6	Corporation.....	70.6	94.3	95.4	94.9
<b>Other:</b>					<b>Butter, cheese, and condensed milk, 1909.</b>				
1909.....	9.3	0.6	3.3	0.9	Individual.....	2,630	2,863	\$53,843,249	\$5,837,619
1904.....	7.0	0.7	2.1	0.7	Individual.....	1,242	789	19,332,700	1,737,532
<b>Individual:</b>					Firm.....	236	203	5,056,410	505,050
1909.....	51.2	7.8	9.1	7.4	Corporation.....	283	808	10,438,592	1,550,288
1904.....	51.6	10.1	10.6	9.4	Other.....	869	993	19,015,547	1,984,779
<b>Firm:</b>					<b>Per cent of total:</b>				
1909.....	14.6	6.2	7.8	6.6	Individual.....	100.0	100.0	100.0	100.0
1904.....	18.2	10.2	11.7	9.3	Individual.....	47.2	26.9	35.0	28.8
<b>Corporation:</b>					Firm.....	9.0	10.2	9.4	9.7
1909.....	24.9	85.5	79.8	85.1	Corporation.....	10.8	28.2	10.4	26.6
1904.....	23.1	79.1	75.6	80.6	Other.....	33.0	34.7	35.3	34.0
<b>Other:</b>					<b>Carriages and wagons and materials, 1909.</b>				
1909.....	9.3	0.6	3.3	0.9	Individual.....	286	3,437	\$8,899,171	\$3,736,572
1904.....	7.0	0.7	2.1	0.7	Individual.....	184	457	987,667	537,027
<b>Individual:</b>					Firm.....	70	249	820,939	315,695
1909.....	51.2	7.8	9.1	7.4	Corporation.....	32	2,731	7,090,575	2,883,850
1904.....	51.6	10.1	10.6	9.4	<b>Per cent of total:</b>				
<b>Firm:</b>					Individual.....	100.0	100.0	100.0	100.0
1909.....	14.6	6.2	7.8	6.6	Individual.....	64.3	13.3	11.1	14.4
1904.....	18.2	10.2	11.7	9.3	Firm.....	24.5	7.2	9.2	8.4
<b>Corporation:</b>					Corporation.....	11.2	79.5	79.7	77.2
1909.....	24.9	85.5	79.8	85.1	<b>Clothing, men's, including shirts, 1909.</b>				
1904.....	23.1	79.1	75.6	80.6	Individual.....	94	4,252	\$9,405,184	\$3,956,977
<b>Other:</b>					Individual.....	53	739	443,347	335,842
1909.....	9.3	0.6	3.3	0.9	Firm.....	10	474	1,086,499	462,752
1904.....	7.0	0.7	2.1	0.7	Corporation.....	31	3,039	7,874,838	3,158,383
<b>Individual:</b>					<b>Per cent of total:</b>				
1909.....	51.2	7.8	9.1	7.4	Individual.....	100.0	100.0	100.0	100.0
1904.....	51.6	10.1	10.6	9.4	Individual.....	56.4	17.4	4.7	8.5
<b>Firm:</b>					Firm.....	10.6	11.1	11.7	11.7
1909.....	14.6	6.2	7.8	6.6	Corporation.....	33.0	71.5	83.7	79.8
1904.....	18.2	10.2	11.7	9.3	<b>Copper, tin, and sheet-iron products, 1909.</b>				
<b>Corporation:</b>					Individual.....	105	2,780	\$7,136,453	\$2,480,265
1909.....	24.9	85.5	79.8	85.1	Individual.....	49	170	434,887	201,656
1904.....	23.1	79.1	75.6	80.6	Firm.....	30	230	533,731	309,051
<b>Other:</b>					Corporation.....	26	2,380	6,117,785	1,969,558
1909.....	9.3	0.6	3.3	0.9	<b>Per cent of total:</b>				
1904.....	7.0	0.7	2.1	0.7	Individual.....	100.0	100.0	100.0	100.0
<b>Individual:</b>					Individual.....	46.7	6.1	6.1	8.1
1909.....	51.2	7.8	9.1	7.4	Firm.....	28.6	8.3	8.2	12.5
1904.....	51.6	10.1	10.6	9.4	Corporation.....	24.8	85.6	85.7	79.4
<b>Firm:</b>					<b>Flour-mill and gristmill products, 1909.</b>				
1909.....	14.6	6.2	7.8	6.6	Individual.....	322	1,184	\$31,667,434	\$4,629,206
1904.....	18.2	10.2	11.7	9.3	Individual.....	143	180	4,094,813	570,230
<b>Corporation:</b>					Firm.....	104	341	7,997,670	1,108,828
1909.....	24.9	85.5	79.8	85.1	Corporation.....	75	603	19,574,951	2,950,448
1904.....	23.1	79.1	75.6	80.6	<b>Per cent of total:</b>				
<b>Other:</b>					Individual.....	100.0	100.0	100.0	100.0
1909.....	9.3	0.6	3.3	0.9	Individual.....	44.4	15.2	12.9	12.3
1904.....	7.0	0.7	2.1	0.7	Firm.....	32.3	28.8	25.3	23.9
<b>Individual:</b>					Corporation.....	23.3	56.0	61.8	63.7
1909.....	51.2	7.8	9.1	7.4	<b>Foundry and machine-shop products, 1909.</b>				
1904.....	51.6	10.1	10.6	9.4	Individual.....	444	24,219	\$54,124,000	\$31,590,264
<b>Firm:</b>					Individual.....	120	523	1,085,554	643,595
1909.....	14.6	6.2	7.8	6.6	Firm.....	76	845	1,794,176	1,209,000
1904.....	18.2	10.2	11.7	9.3	Corporation.....	248	22,851	51,244,270	29,737,069
<b>Corporation:</b>					<b>Per cent of total:</b>				
1909.....	24.9	85.5	79.8	85.1	Individual.....	100.0	100.0	100.0	100.0
1904.....	23.1	79.1	75.6	80.6	Individual.....	27.0	2.2	2.0	2.0
<b>Other:</b>					Firm.....	17.1	3.5	3.3	3.8
1909.....	9.3	0.6	3.3	0.9	Corporation.....	55.9	94.4	94.7	94.1
1904.....	7.0	0.7	2.1	0.7	<b>Furniture and refrigerators, 1909.</b>				
<b>Individual:</b>					Individual.....	114	11,118	\$18,655,535	\$9,860,222
1909.....	51.2	7.8	9.1	7.4	Individual.....	24	342	405,550	264,267
1904.....	51.6	10.1	10.6	9.4	Firm.....	9	196	381,932	208,890
<b>Firm:</b>					Corporation.....	81	10,580	17,868,053	9,387,065
1909.....	14.6	6.2	7.8	6.6	<b>Per cent of total:</b>				
1904.....	18.2	10.2	11.7	9.3	Individual.....	100.0	100.0	100.0	100.0
<b>Corporation:</b>					Individual.....	21.1	3.1	2.5	2.7
1909.....	24.9	85.5	79.8	85.1	Firm.....	7.9	1.8	2.0	2.1
1904.....	23.1	79.1	75.6	80.6	Corporation.....	71.1	95.2	95.5	95.2
<b>Other:</b>					<b>Hosiery and knit goods, 1909.</b>				
1909.....	9.3	0.6	3.3	0.9	Individual.....</				

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 es-

tablishments for all industries combined and for certain 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 individual industries 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>					<b>Carriages and wagons and materials, 1909—Contd.</b>				
1909.....	9,721	182,583	\$590,305,538	\$243,948,955	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	8,558	151,391	411,139,681	183,884,589	Less than \$5,000.....	61.2	4.6	4.4	6.8
Less than \$5,000:					\$5,000 and less than \$20,000.....	26.9	11.6	8.4	12.1
1909.....	3,071	3,458	7,615,812	4,457,314	\$20,000 and less than \$100,000.....	7.3	11.7	11.1	11.9
1904.....	2,955	3,598	7,739,277	4,068,563	\$100,000 and less than \$1,000,000.....	3.5	30.3	33.9	30.0
\$5,000 and less than \$20,000:					\$1,000,000 and over.....	1.0	41.7	42.2	39.2
1909.....	3,707	11,417	39,712,619	18,897,468	Average per establishment.....		12	\$31,116	\$13,065
1904.....	3,355	11,220	33,425,147	12,365,583	<b>Clothing, men's, including shirts, 1909.....</b>	94	4,252	\$9,405,184	\$3,956,977
\$20,000 and less than \$100,000:					Less than \$5,000.....	20	79	46,900	40,839
1909.....	2,064	26,965	86,057,066	32,235,366	\$5,000 and less than \$20,000.....	39	674	380,492	301,658
1904.....	1,569	20,882	67,778,742	28,705,305	\$20,000 and less than \$100,000.....	14	440	643,130	320,914
\$100,000 and less than \$1,000,000:					\$100,000 and less than \$1,000,000 <sup>1</sup> .....	21	3,059	8,334,662	3,293,666
1909.....	793	88,003	227,934,734	102,700,393	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	621	78,326	177,248,223	81,687,022	Less than \$5,000.....	21.3	1.9	0.5	1.0
\$1,000,000 and over:					\$5,000 and less than \$20,000.....	41.5	15.9	4.0	7.6
1909.....	86	52,740	228,084,707	90,718,414	\$20,000 and less than \$100,000.....	14.9	10.3	6.8	8.1
1904.....	58	31,365	124,048,292	57,058,056	\$100,000 and less than \$1,000,000 <sup>1</sup> .....	22.3	71.9	88.6	83.2
Per cent of total:					Average per establishment.....		45	\$100,055	\$42,095
1909.....	100.0	100.0	100.0	100.0	<b>Copper, tin, and sheet-iron products, 1909.....</b>	105	2,780	\$7,136,453	\$2,480,265
1904.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	29	39	74,309	45,800
Less than \$5,000:					\$5,000 and less than \$20,000.....	49	233	568,514	289,172
1909.....	31.6	1.9	1.3	1.8	\$20,000 and less than \$100,000.....	17	240	726,241	315,131
1904.....	34.5	2.4	1.9	2.2	\$100,000 and less than \$1,000,000.....	7	605	1,295,137	473,811
\$5,000 and less than \$20,000:					\$1,000,000 and over.....	3	1,663	4,468,752	1,856,351
1909.....	38.1	6.3	6.7	5.7	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	39.2	7.4	6.1	6.7	Less than \$5,000.....	27.6	1.4	1.0	1.8
\$20,000 and less than \$100,000:					\$5,000 and less than \$20,000.....	40.7	8.4	8.0	11.7
1909.....	21.2	14.8	14.7	13.2	\$20,000 and less than \$100,000.....	16.2	8.6	10.2	12.7
1904.....	18.3	17.8	16.5	15.6	\$100,000 and less than \$1,000,000.....	6.7	21.8	18.1	19.1
\$100,000 and less than \$1,000,000:					\$1,000,000 and over.....	2.9	59.8	62.6	54.7
1909.....	8.2	48.2	38.6	42.1	Average per establishment.....		26	\$67,966	\$23,622
1904.....	7.3	51.7	43.1	44.4	<b>Flour-mill and gristmill products, 1909.....</b>	322	1,184	\$31,667,434	\$4,629,206
\$1,000,000 and over:					Less than \$5,000.....	16	6	46,736	7,996
1909.....	0.9	28.9	38.6	37.2	\$5,000 and less than \$20,000.....	92	80	1,180,087	197,852
1904.....	0.7	20.7	30.4	31.0	\$20,000 and less than \$100,000.....	180	352	7,731,494	1,150,910
Average per establishment:					\$100,000 and less than \$1,000,000.....	27	294	6,579,875	783,233
1909.....	19	\$60,725	\$25,085	\$21,487	\$1,000,000 and over.....	7	452	16,129,242	2,489,215
1904.....	18	48,042	25,085	21,487	Per cent of total.....	100.0	100.0	100.0	100.0
<b>Agricultural implements, 1909.....</b>	45	2,704	\$11,411,303	\$7,473,967	Less than \$5,000.....	5.0	0.5	0.1	0.2
Less than \$5,000.....	13	11	33,741	20,192	\$5,000 and less than \$20,000.....	28.6	6.8	3.7	4.3
\$5,000 and less than \$20,000.....	9	39	108,374	49,214	\$20,000 and less than \$100,000.....	59.9	29.7	24.4	24.9
\$20,000 and less than \$100,000.....	13	212	597,647	320,241	\$100,000 and less than \$1,000,000.....	8.4	24.8	20.8	16.9
\$100,000 and less than \$1,000,000 <sup>1</sup> .....	10	2,442	10,671,541	7,084,320	\$1,000,000 and over.....	2.2	38.2	50.9	53.8
Per cent of total.....	100.0	100.0	100.0	100.0	Average per establishment.....		4	\$98,346	\$14,376
Less than \$5,000.....	28.9	0.4	0.3	0.3	<b>Foundry and machine-shop products, 1909.....</b>	444	24,219	\$54,124,000	\$31,590,264
\$5,000 and less than \$20,000.....	20.0	1.4	0.9	0.7	Less than \$5,000.....	122	152	311,892	209,464
\$20,000 and less than \$100,000.....	28.9	7.8	5.2	4.3	\$5,000 and less than \$20,000.....	105	626	1,153,419	739,252
\$100,000 and less than \$1,000,000 <sup>1</sup> .....	22.2	90.3	93.5	94.8	\$20,000 and less than \$100,000.....	130	2,962	6,346,733	3,695,261
Average per establishment.....		60	\$253,585	\$166,088	\$100,000 and less than \$1,000,000.....	73	10,686	22,159,836	12,331,491
<b>Boots and shoes, including cutstock and findings, 1909.....</b>	68	5,431	\$13,602,234	\$4,849,398	\$1,000,000 and over.....	9	9,793	24,152,420	14,617,760
Less than \$5,000.....	9	12	21,115	10,606	Per cent of total.....	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000.....	9	55	117,543	41,704	Less than \$5,000.....	27.5	0.6	0.6	0.7
\$20,000 and less than \$100,000.....	18	603	957,821	333,043	\$5,000 and less than \$20,000.....	28.6	2.6	2.1	2.3
\$100,000 and less than \$1,000,000.....	29	3,272	7,719,025	2,769,754	\$20,000 and less than \$100,000.....	30.4	12.2	11.7	11.7
\$1,000,000 and over.....	3	1,589	4,787,293	1,694,291	\$100,000 and less than \$1,000,000.....	16.4	44.1	40.9	39.0
Per cent of total.....	100.0	100.0	100.0	100.0	\$1,000,000 and over.....	2.0	40.4	44.6	45.3
Less than \$5,000.....	13.2	0.2	0.2	0.2	Average per establishment.....		55	\$121,901	\$71,149
\$5,000 and less than \$20,000.....	13.2	1.0	0.9	0.9	<b>Furniture and refrigerators, 1909.....</b>	114	11,118	\$18,655,535	\$9,860,222
\$20,000 and less than \$100,000.....	26.5	9.3	7.0	6.9	Less than \$5,000.....	10	13	28,015	19,082
\$100,000 and less than \$1,000,000.....	42.6	60.2	58.7	57.1	\$5,000 and less than \$20,000.....	17	145	208,649	126,600
\$1,000,000 and over.....	4.4	29.3	35.2	34.9	\$20,000 and less than \$100,000.....	45	1,601	2,393,217	1,588,105
Average per establishment.....		80	\$200,033	\$71,315	\$100,000 and less than \$1,000,000 <sup>1</sup> .....	42	9,369	16,024,855	8,820,435
<b>Butter, cheese, and condensed milk, 1909.....</b>	2,830	2,863	\$53,843,249	\$5,837,619	Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	217	78	750,024	99,094	Less than \$5,000.....	8.8	0.1	0.2	0.2
\$5,000 and less than \$20,000.....	1,045	1,124	10,089,357	2,192,013	\$5,000 and less than \$20,000.....	14.9	1.3	1.1	1.3
\$20,000 and less than \$100,000.....	723	1,214	26,172,293	2,419,293	\$20,000 and less than \$100,000.....	39.5	14.4	12.8	14.1
\$100,000 and less than \$1,000,000.....	45	447	7,831,555	1,127,219	\$100,000 and less than \$1,000,000 <sup>1</sup> .....	36.8	84.2	86.9	84.4
Per cent of total.....	100.0	100.0	100.0	100.0	Average per establishment.....		98	\$163,645	\$80,493
Less than \$5,000.....	8.2	2.7	1.4	1.7	<b>Hostery and knit goods, 1909.....</b>	61	4,282	\$7,843,389	\$3,056,193
\$5,000 and less than \$20,000.....	62.5	39.3	35.5	37.5	Less than \$5,000.....	18	52	40,545	20,583
\$20,000 and less than \$100,000.....	27.5	42.4	48.6	41.4	\$5,000 and less than \$20,000.....	10	84	106,123	53,118
\$100,000 and less than \$1,000,000.....	1.7	15.6	14.5	19.3	\$20,000 and less than \$100,000.....	13	407	628,866	323,529
Average per establishment.....		1	\$20,473	\$2,220	\$100,000 and less than \$1,000,000 <sup>1</sup> .....	20	3,699	7,072,855	3,559,163
<b>Carriages and wagons and materials, 1909.....</b>	286	3,437	\$8,899,171	\$3,736,572					
Less than \$5,000.....	175	158	392,361	253,013					
\$5,000 and less than \$20,000.....	77	399	745,572	450,859					
\$20,000 and less than \$100,000.....	21	403	984,787	445,091					
\$100,000 and less than \$1,000,000.....	10	1,043	3,020,484	1,122,316					
\$1,000,000 and over.....	3	1,484	8,765,907	1,465,293					

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

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>Hosiery and knit goods, 1909—Continued.</b>					<b>Lumber and timber products, 1909—Continued.</b>				
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.....	29.5	0.7	0.5	0.5	Less than \$5,000.....	40.1	2.1	1.6	2.0
\$5,000 and less than \$20,000.....	16.4	2.0	1.4	1.3	\$5,000 and less than \$20,000.....	28.5	5.8	5.1	5.6
\$20,000 and less than \$100,000.....	21.3	10.9	8.0	8.2	\$20,000 and less than \$100,000.....	18.6	17.5	14.8	15.1
\$100,000 and less than \$1,000,000 <sup>1</sup> .....	32.8	86.4	90.2	90.0	\$100,000 and less than \$1,000,000.....	12.0	60.5	59.8	59.7
Average per establishment.....		70	\$128,580	\$64,856	\$1,000,000 and over.....	0.8	14.1	18.8	17.7
					Average per establishment.....		33	\$56,833	\$31,747
<b>Leather, tanned, curried, and finished, 1909.</b>					<b>Printing and publishing, 1909.</b>				
\$5,000 and less than \$20,000.....	32	7,548	\$44,687,876	\$9,839,091	Less than \$5,000.....	833	5,360	\$11,860,644	\$8,474,588
\$20,000 and less than \$100,000.....	8	60	171,561	46,192	\$5,000 and less than \$20,000.....	493	705	1,212,110	934,731
\$100,000 and less than \$1,000,000.....	13	824	5,577,590	1,128,010	\$20,000 and less than \$100,000.....	238	1,231	2,116,030	1,584,241
\$1,000,000 and over.....	11	6,664	38,918,585	8,664,889	\$20,000 and less than \$100,000.....	82	1,614	3,553,981	2,563,230
Per cent of total.....	100.0	100.0	100.0	100.0	\$100,000 and less than \$1,000,000.....	25	1,810	4,978,523	3,302,377
Less than \$5,000.....	25.0	0.8	0.4	0.5	Per cent of total.....	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000.....	40.6	10.9	11.5	11.5	Less than \$5,000.....	59.2	13.2	10.2	11.0
\$20,000 and less than \$100,000.....	34.4	88.3	87.1	88.1	\$5,000 and less than \$20,000.....	28.0	23.0	17.8	18.7
\$1,000,000 and over.....	4.4	23.6	\$1,395,895	\$307,472	\$20,000 and less than \$100,000.....	9.8	30.1	30.0	30.2
Average per establishment.....					\$100,000 and less than \$1,000,000.....	3.0	33.8	42.0	40.0
					Average per establishment.....		6	\$14,238	\$10,174
<b>Liquors, malt, 1909.</b>					<b>Slaughtering and meat packing, 1909.</b>				
Less than \$5,000.....	136	5,061	\$32,125,919	\$24,228,235	Less than \$5,000.....	48	1,890	\$27,216,864	\$3,813,429
\$5,000 and less than \$20,000.....	5	4	16,273	10,338	\$5,000 and less than \$20,000.....	11	11	32,508	9,366
\$20,000 and less than \$100,000.....	37	119	430,460	299,072	\$20,000 and less than \$100,000.....	10	22	131,086	32,378
\$100,000 and less than \$1,000,000.....	58	525	2,547,394	1,824,832	\$100,000 and less than \$1,000,000.....	11	43	597,963	116,264
\$1,000,000 and over.....	31	1,167	7,928,183	5,812,795	\$1,000,000 and over.....	12	336	3,204,495	653,015
Per cent of total.....	100.0	100.0	100.0	100.0	Average per establishment.....	4	1,478	23,250,812	3,003,406
Less than \$5,000.....	3.7	0.1	( <sup>2</sup> )	( <sup>2</sup> )	Per cent of total.....	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000.....	27.2	2.4	1.3	1.2	Less than \$5,000.....	22.9	0.6	0.1	0.2
\$20,000 and less than \$100,000.....	42.6	10.4	7.9	7.5	\$5,000 and less than \$20,000.....	20.8	1.2	0.5	0.8
\$100,000 and less than \$1,000,000.....	22.8	23.1	24.7	24.0	\$20,000 and less than \$100,000.....	22.9	2.3	2.2	3.0
\$1,000,000 and over.....	3.7	64.1	66.0	67.2	\$100,000 and less than \$1,000,000.....	25.0	17.8	11.8	17.1
Average per establishment.....		37	\$236,220	\$178,149	\$1,000,000 and over.....	8.3	78.2	85.4	78.8
					Average per establishment.....		39	\$567,018	\$70,440
<b>Lumber and timber products, 1909.</b>									
Less than \$5,000.....	1,020	34,093	\$57,969,170	\$32,381,700					
\$5,000 and less than \$20,000.....	409	718	901,849	636,325					
\$20,000 and less than \$100,000.....	291	1,979	2,972,767	1,807,194					
\$100,000 and less than \$1,000,000.....	190	5,971	8,562,021	4,881,882					
\$1,000,000 and less than \$1,000,000.....	122	20,632	34,655,747	19,340,702					
\$1,000,000 and over.....	8	4,793	10,876,796	5,716,097					

<sup>1</sup> Includes the group "\$1,000,000 and over."<sup>2</sup> Includes the group "\$20,000 and less than \$100,000."<sup>3</sup> Less than one-tenth of 1 per cent.

This table shows that of the 9,721 establishments in 1909 only 86, or nine-tenths of 1 per cent, had a value of products exceeding \$1,000,000. These establishments, however, employed an average of 52,740 wage earners, or 28.9 per cent of the total number in all establishments, and reported 38.6 per cent of the total value of products and 37.2 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—while constituting 31.6 per cent of the total number of establishments, reported only 1.3 per cent of the total value of products. Nearly four-fifths of the manufacturing of the state, measured by value of products, was reported by establishments having a product valued at not less than \$100,000.

It will be seen from the above table that during the five years from 1904 to 1909 there was a considerable increase in the relative importance, as measured by value of products, of the largest establishments—those reporting products of not less than \$1,000,000 in value—and a decrease in that of the remaining classes.

The fact that between 1904 and 1909 the average value of products per establishment increased from \$48,042 to \$60,725, and the average value added by manufacture from \$21,487 to \$25,095, 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 prices of commodities. The average number of wage earners per establishment increased from 18 to 19.

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 next table shows, for 1909, such a classification for all industries combined and for 32 important industries individually, and gives not only the number of establishments falling into each group, but also the average number of wage earners employed.

Of the 9,721 establishments reported for all industries, 13.8 per cent employed no wage earners; 59.8 per cent employed from 1 to 5; 13.7 per cent, from 6 to 20; and 5.5 per cent, from 21 to 50. The most numerous single group consists of the 5,818 establishments employing from 1 to 5 wage earners each, and the next of the 1,343 establishments employing no wage earners. There were 149 establishments that employed over 250 wage earners; of these, 49 employed over 500 each and 12 over 1,000 each.

STATISTICS OF MANUFACTURES.

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Of the total number of wage earners, 64.5 per cent were in establishments employing over 100 wage earners. The single group having the largest number of wage earners was that comprising the establish-

ments employing from 101 to 250 wage earners. These establishments reported the employment of 36,767 wage earners, or 20.1 per cent of the total number.

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.
NUMBER OF ESTABLISHMENTS.										
All industries.....	9,721	1,343	5,818	1,327	538	314	232	100	37	12
Agricultural implements.....	45	5	17	10	4	2	4	2	1	1
Automobiles, including bodies and parts.....	30	12	12	9	2	1	2	2	3	1
Boots and shoes, including cut stock and findings.....	68	13	11	14	13	13	3	1		
Bread and other bakery products.....	667	139	480	41	3	2	2			
Brick and tile.....	108	1	59	39	6	2	1			
Butter, cheese, and condensed milk.....	2,630	447	2,144	34	3	2				
Canning and preserving.....	83	4	16	36	18	7	2			
Carriages and wagons and materials.....	286	65	163	38	11	1	5	2	1	
Cars and general shop construction and repairs by steam-railroad companies.....	22		3	1	1	5	6	3	2	1
Clothing, men's, including shirts.....	94	2	15	43	15	11	4	3	1	
Confectionery.....	38	4	11	5	10	1	1	3		
Cooperage and wooden goods, not elsewhere specified.....	48	6	19	11	8	1	2	1		
Copper, tin, and sheet-iron products.....	105	2	66	26	4	2	3		2	
Electrical machinery, apparatus, and supplies.....	30		13	7	5		1	2		
Flour-mill and gristmill products.....	322	54	237	23	3	5				
Foundry and machine-shop products.....	444	30	165	112	57	41	18	12	6	3
Furniture and refrigerators.....	114	2	15	22	28	20	16	8	2	1
Gas, illuminating and heating.....	40		27	13	5	3		1		
Gloves and mittens, leather.....	23		5	5	3	4	4	2		
Hosiery and knit goods.....	61	5	15	13	8	7	9	3	1	
Iron and steel, steel works and rolling mills.....	14		1	3	4	3	1	1		1
Leather goods.....	48	3	16	13	4	3	7	2		
Leather, tanned, curried, and finished.....	32		5	4	5	5	4	4	3	2
Liquors, malt.....	136	2	56	53	14	4	3	1	2	1
Lumber and timber products.....	1,020	20	537	210	104	59	57	27	4	2
Marble and stone work.....	136	10	70	29	10	2	8	1		
Paper and wood pulp.....	57		3	3	9	18	20	7		
Printing and publishing.....	333	144	500	136	33	14	6			
Slaughtering and meat packing.....	48	2	30	4	6	3	1		2	
Stoves and furnaces, including gas and oil stoves.....	12		1		2	5	2	1	1	
Tobacco manufactures.....	775	248	415	99	11		2			
Woolen, worsted, and felt goods, and wool hats.....	33	2	13	4	3	10	1			
All other industries.....	1,310	146	673	270	125	53	27	13	3	
AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	182,583	10,201	14,806	17,422	22,337	36,767	33,765	24,553	22,732	
Agricultural implements.....	2,704	42	135	127	179	684	597	940		
Automobiles, including bodies and parts.....	4,298	30	114	92	84	400		2,540	1,029	
Boots and shoes, including cut stock and findings.....	5,431	25	136	435	917	2,007	990	921		
Bread and other bakery products.....	1,751	336	397	99	106	313				
Brick and tile.....	1,027	146	442	173	143	123				
Butter, cheese, and condensed milk.....	2,863	2,369	285	104	115					
Canning and preserving.....	1,776	41	484	583	441	227				
Carriages and wagons and materials.....	3,437	341	411	355	68	828	856	578		
Cars and general shop construction and repairs by steam-railroad companies.....	8,994	11	9	23	418	390	978	1,199	5,466	
Clothing, men's, including shirts.....	4,252	40	559	493	757	648	872	883		
Confectionery.....	1,780	18	46	327	285	142	962			
Cooperage and wooden goods, not elsewhere specified.....	1,208	36	105	240	74	254	499			
Copper, tin, and sheet-iron products.....	2,780	181	283	121	109	563		1,518		
Electrical machinery, apparatus, and supplies.....	1,409	41	79	189	124	222	754			
Flour-mill and gristmill products.....	1,184	442	253	117	372					
Foundry and machine-shop products.....	24,219	395	1,338	1,834	2,900	3,081	4,085	3,778	6,808	
Furniture and refrigerators.....	11,118	37	320	953	1,459	2,280	2,892	1,318	1,869	
Gas, illuminating and heating.....	1,033	48	159	141	191			524		
Gloves and mittens, leather.....	1,642	17	56	97	263	562	647			
Hosiery and knit goods.....	4,282	34	161	307	513	1,379	1,072	816		
Iron and steel, steel works and rolling mills.....	2,124	5	38	111	236	140		568	1,026	
Leather goods.....	2,099	51	158	134	195	1,025	536			
Leather, tanned, curried, and finished.....	7,548	16	50	157	393	724	1,496	1,907	2,805	
Liquors, malt.....	5,061	188	621	493	284	458	394	1,199	1,484	
Lumber and timber products.....	34,093	1,184	2,353	3,278	4,209	9,446	9,107	2,261	2,255	
Marble and stone work.....	2,593	148	327	353	129	1,233	373			
Paper and wood pulp.....	7,467		39	316	1,298	3,380	2,494			
Printing and publishing.....	5,360	1,139	1,379	1,110	1,035	688				
Slaughtering and meat packing.....	1,890	67	37	197	187	110		1,292		
Stoves and furnaces, including gas and oil stoves.....	1,803	2		68	318	350	348	717		
Tobacco manufactures.....	2,391	859	930	328		274				
Woolen, worsted, and felt goods, and wool hats.....	1,046	24	42	110	720	150				
All other industries.....	21,890	1,398	3,055	3,951	3,812	4,166	3,993	1,585		

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.
<b>All industries</b> .....	100.0	5.6	8.1	9.5	12.2	20.1	18.5	13.4	12.5
Agricultural implements.....	100.0	1.6	5.0	4.7	6.6	25.3	22.1	34.8	23.0
Automobiles, including bodies and parts.....	100.0	0.7	2.7	2.1	2.0	9.3	18.2	59.3	
Boots and shoes, including cut stock and findings.....	100.0	0.5	2.5	8.0	16.9	37.0		17.0	
Bread and other bakery products.....	100.0	47.7	22.7	5.7	6.1	17.9			
Brick and tile.....	100.0	14.2	43.0	16.8	13.9				
Butter, cheese, and condensed milk.....	100.0	82.4	10.0	3.6	4.0				
Canning and preserving.....	100.0	2.3	27.3	32.8	24.8	12.8			
Carriages and wagons and materials.....	100.0	9.9	12.0	10.3	2.0	24.1	24.9	16.8	
Cars and general shop construction and repairs by steam-railroad companies.....	100.0	0.1	0.1	0.3	4.6	9.9	10.9	13.3	60.8
Clothing, men's, including shirts.....	100.0	0.9	13.1	11.6	17.8	15.2	20.5	20.8	
Confectionery.....	100.0	1.0	2.6	18.4	16.0	8.0	54.0		
Cooperage and wooden goods, not elsewhere specified.....	100.0	3.0	8.7	19.9	6.1	21.0	41.3		
Copper, tin, and sheet-iron products.....	100.0	6.5	10.4	4.4	3.9	20.3		54.0	
Electrical machinery, apparatus, and supplies.....	100.0	2.9	5.6	13.4	8.8	15.8	53.5		
Flour-mill and gristmill products.....	100.0	37.3	21.4	9.9	31.4				28.1
Foundry and machine-shop products.....	100.0	1.6	5.5	7.6	12.0	12.7	16.9	15.6	16.7
Furniture and refrigerators.....	100.0	0.3	2.9	8.6	13.1	20.5	20.0	11.9	
Gas, illuminating and heating.....	100.0	4.5	15.0	13.3	18.0			49.3	
Gloves and mittens, leather.....	100.0	1.0	3.4	5.9	16.0	34.2	39.4		
Hosiery and knit goods.....	100.0	0.8	3.8	7.2	12.0	32.2	25.0	19.1	48.3
Iron and steel, steel works and rolling mills.....	100.0	0.2	1.8	5.2	11.1	6.6		26.7	
Leather goods.....	100.0	2.4	7.5	6.4	9.3	48.8	25.5		37.2
Leather, tanned, curried, and finished.....	100.0	0.2	0.7	2.1	5.2	9.6	19.8	25.3	20.3
Liquors, malt.....	100.0	3.7	12.3	9.7	5.6	9.0	6.0	23.7	
Lumber and timber products.....	100.0	3.5	6.9	9.6	12.3	27.7	26.7	6.6	6.6
Marble and stone work.....	100.0	5.7	12.6	13.6	5.0	48.7	14.4		
Paper and wood pulp.....	100.0		0.5	4.2	17.4	45.3	32.6		
Printing and publishing.....	100.0	21.2	25.7	20.8	19.4	12.8			
Slaughtering and meat packing.....	100.0	3.5	2.0	10.4	9.9	5.8		68.4	
Stoves and furnaces, including gas and oil stoves.....	100.0	0.1		3.8	17.6	19.4	19.3	39.8	
Tobacco manufactures.....	100.0	35.9	38.9	13.7		11.5			
Woolen, worsted, and felt goods, and wool hats.....	100.0	2.3	4.0	10.5	68.8	14.3			
All other industries.....	100.0	6.4	14.0	18.0	17.4	19.0	18.0	7.2	

**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 next table shows, in percentages, for 1909, the distribution of expenses among the classes indicated for all industries combined and for certain important industries separately. The figures on which the percentages are based appear in Table II, page 690.

This table shows that for all industries combined 65.9 per cent of the total expenses were incurred for materials, 22.8 per cent for services—that is, salaries and wages—and 11.4 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The expense for services was greatest in the brick and tile industry, in which it represented 57.8 per cent of the total expenses, and in the marble and stone work industry, in which it formed 56.6 per cent of the total. In such industries as the manufacture of butter, cheese, and condensed milk, the flour-mill and gristmill industry, and slaughtering and meat packing, where the processes of manufacture are comparatively simple, the cost of materials forms by far the most important element of expense. The proportion of miscellaneous expenses is greatest

in the brewery industry because of the inclusion under this head of internal-revenue taxes.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
<b>All industries</b> .....	4.9	17.9	65.9	11.4
Agricultural implements.....	14.7	15.7	41.1	28.5
Automobiles, including bodies and parts.....	4.6	28.6	56.0	10.7
Boots and shoes, including cut stock and findings.....	5.1	17.9	70.0	6.9
Bread and other bakery products.....	3.2	16.5	71.6	8.0
Brick and tile.....	6.1	51.7	28.6	13.6
Butter, cheese, and condensed milk.....	0.4	3.7	94.0	1.9
Canning and preserving.....	5.2	14.9	69.1	10.9
Carriages and wagons and materials.....	4.7	23.7	63.4	8.3
Cars and general shop construction and repairs by steam-railroad companies.....	2.8	36.5	60.5	0.2
Clothing, men's, including shirts.....	7.1	16.9	62.9	13.0
Confectionery.....	10.8	12.5	65.0	11.7
Cooperage and wooden goods, not elsewhere specified.....	4.7	29.6	53.7	11.9
Copper, tin, and sheet-iron products.....	6.6	18.0	70.6	4.7
Electrical machinery, apparatus, and supplies.....	16.4	25.3	44.8	13.4
Flour-mill and gristmill products.....	1.3	2.4	91.6	4.8
Foundry and machine-shop products.....	9.3	31.5	48.6	10.7
Furniture and refrigerators.....	7.5	30.1	51.5	10.9
Gas, illuminating and heating.....	10.8	22.1	52.5	14.6
Gloves and mittens, leather.....	5.7	22.5	64.5	7.2
Hosiery and knit goods.....	7.6	23.6	58.0	10.8
Iron and steel, steel works and rolling mills.....	2.3	14.2	79.8	3.6
Leather goods.....	9.0	10.1	62.3	9.6
Leather, tanned, curried, and finished.....	1.7	9.5	83.0	5.9
Liquors, malt.....	5.6	12.2	31.6	50.7
Lumber and timber products.....	4.6	31.4	50.1	13.9
Marble and stone work.....	5.5	51.1	34.1	9.3
Paper and wood pulp.....	3.2	17.1	73.4	6.3
Printing and publishing.....	15.3	29.5	34.3	20.9
Slaughtering and meat packing.....	1.5	4.0	90.6	3.9
Stoves and furnaces, including gas and oil stoves.....	9.3	30.4	47.5	12.8
Tobacco manufactures.....	3.6	21.6	48.0	25.8
Woolen, worsted, and felt goods, and wool hats.....	6.3	19.0	68.8	5.8
All other industries.....	5.0	14.6	65.8	14.0

**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 <sup>2</sup>
<b>Primary power, total</b> .....	11,561	6,894	6,417	554,179	440,234	364,380	100.0	100.0	100.0
Owned.....	7,660	6,894	6,417	527,431	429,810	360,542	95.2	97.6	98.9
Steam.....	4,974	4,626	4,579	377,037	303,874	262,642	68.0	69.0	72.1
Gas.....	1,578	1,037	529	10,531	11,358	4,358	3.5	2.6	1.2
Water wheels...	1,073	1,180	1,309	129,550	112,528	93,122	23.4	25.6	25.6
Water motors...	35	51	( <sup>3</sup> )	181	139	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other.....				1,132	1,916	420	0.2	0.4	0.1
Rented.....	3,901	( <sup>2</sup> )	( <sup>2</sup> )	26,748	10,424	3,838	4.8	2.4	1.1
Electric.....	3,901	( <sup>2</sup> )	( <sup>2</sup> )	25,459	8,558	2,426	4.6	1.9	0.7
Other.....				1,289	1,866	1,412	0.2	0.4	0.4
<b>Electric motors</b> .....	11,402	2,969	551	114,725	48,878	13,137	100.0	100.0	100.0
Run by current generated by establishment....	7,501	2,969	551	89,266	40,320	10,711	77.8	82.5	81.5
Run by rented power.....	3,901	( <sup>2</sup> )	( <sup>2</sup> )	25,459	8,558	2,426	22.2	17.5	18.5

<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.

All forms of primary power except "Other" rented power increased during the decade as a whole, although "Other" owned power decreased between 1904 and 1909. The greatest increase, 114,395 horsepower, or 43.6 per cent, was in that generated by steam engines; such power formed only 68 per cent of the total primary power in 1909, however, as compared with 69 in 1904 and 72.1 in 1899. Water power, developed by water wheels, stands second in importance, and shows an increase of 36,428 horsepower, or 39.1 per cent, although it represented a somewhat smaller proportion of the total in 1909 than in 1899. The more general use of gas engines is shown by their increase in number from 529 in 1899 to 1,578 in 1909, and in horsepower from 4,358 to 19,531. The figures also show that the practice of renting electric

power is becoming more common, 4.6 per cent of the total power being of this character in 1909, as against 1.9 per cent in 1904 and seven-tenths of 1 per cent in 1899. The use of electric motors for the purpose of applying power by means of current generated within the establishments is also growing rapidly, the horsepower of such motors having increased from 10,711 in 1899 to 40,320 in 1904 and to 89,266 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 used as material in the manufacturing processes. The following table shows the quantity of each kind of fuel used in 1909 for all industries and for certain selected industries.

INDUSTRY.	An-thra-cite coal (tons).	Bitumi-nous coal (tons).	Coke (tons).	Wood (cords).	Oil, includ-ing gaso-line (bar-rels).	Gas (1,000 feet).
<b>All industries</b> .....	92,459	3,037,767	459,412	350,405	230,361	299,400
Agricultural implements.....	841	19,890	5,482	73	9,201	898
Automobiles, including bodies and parts.....	1,039	21,600	199	11	1,344	6,929
Boots and shoes, including out stock and findings.....	934	10,127	10	77	440	3,533
Bread and other bakery products....	1,890	2,429	4,407	15,370	137	37,693
Brick and tile.....	324	106,653	2,184	31,278	324	288
Butter, cheese, and condensed milk.	1,085	71,557	149	67,455	1,014	.....
Canning and preserving.....	355	13,444	.....	537	586	330
Carriages and wagons and materials.	2,284	24,012	2,376	793	1,554	1,371
Cars and general shop construction and repairs by steam-railroad companies.....	3,556	113,175	369	542	3,365	.....
Clothing, men's, including shirts....	654	3,164	10	96	58	3,791
Confectionery.....	1,661	5,740	1,763	87	.....	6,492
Cooperage and wooden goods, not elsewhere specified.....	46	2,315	157	525	31	236
Copper, tin, and sheet-iron products.	115	14,435	1,692	28	8,687	20,087
Electrical machinery, apparatus, and supplies.....	345	14,467	729	14	6,282	3,974
Flour-mill and gristmill products....	3,057	46,354	7	14,389	1,947	1,224
Foundry and machine-shop products.....	9,544	267,070	60,431	4,942	56,865	68,312
Furniture and refrigerators.....	1,281	65,187	3,237	7,456	987	2,905
Gas, illuminating and heating.....	496	189,477	26,963	64	30,856	17,190
Gloves and mittens, leather.....	241	1,342	15	6	1	8,329
Hosiery and knit goods.....	1,321	14,879	4	36	262	362
Iron and steel, blast furnaces.....	110	8,902	328,786	125	14,000	120
Iron and steel, steel works and rolling mills.....	158	117,043	3,171	112	48,942	.....
Leather goods.....	148	5,461	20	534	54	3,515
Leather, tanned, curried, and finished.....	2,745	136,489	10	695	.....	845
Lime.....	.....	22,483	.....	116,053	260	.....
Liquors, malt.....	7,615	177,878	238	12,934	170	1,844
Lumber and timber products.....	885	45,568	70	8,636	1,372	1,720
Marble and stone work.....	157	18,747	31	127	347	2,230
Paper and wood pulp.....	.....	432,234	.....	37,678	4,756	.....
Printing and publishing.....	1,007	7,888	431	3,035	1,042	13,071
Slaughtering and meat packing....	751	45,681	.....	674	60	636
Stoves and furnaces, including gas and oil stoves.....	607	7,661	5,178	201	906	425
Tobacco manufactures.....	1,000	1,480	300	909	12	252
Woolen, worsted, and felt goods, and wool hats.....	16	13,838	.....	452	56	.....
All other industries.....	45,591	988,470	10,990	24,461	27,837	81,789

NOTE.—In addition, there were 47,901 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 value of materials and products and other information for securing which no provision is made on the general schedule. Data of this character for 10 important industries in Wisconsin are here presented.

Lumber and timber products.—The following is a statement of the production of rough lumber, lath, and shingles in 1909 and 1899:

PRODUCT.	QUANTITY.	
	1909	1899
Rough lumber.....M feet b. m.	2,025,038	3,389,166
Lath.....thousands	299,845	418,011
Shingles.....thousands	392,803	904,427

In 1899 Wisconsin ranked first as a lumber-producing state, but by 1909 its forests had become so far depleted as to cause the state to drop to eighth place. The decrease in the cut of rough lumber during the decade amounted to 1,364,128 M feet board measure, or 40.2 per cent, while the production of lath decreased 118,166,000, or 28.3 per cent, and that of shingles 601,564,000, or 60.5 per cent.

Of the total cut for 1909, 1,399,398 M feet board measure were sawed from softwoods of which 709,347 M feet were hemlock and 612,327 M feet white pine. The chief varieties of hardwoods, ranking in importance in the order named, were birch, basswood, maple, oak, and elm. Considerable quantities of spruce, cedar, tamarack, beech, and ash were also cut.

Butter, cheese, and condensed milk.—The next table shows the quantity and value of the various products of the butter, cheese, and condensed-milk factories in 1909, 1904, and 1899.

Wisconsin ranks first among the states in the value of the products of the butter, cheese, and condensed-milk industry, having displaced New York from first place since 1904. The industry is third among the manufacturing industries of the state in value of products.

Of the three branches into which this industry is divided, the butter factories reported 56.2 per cent of the total value of products in 1909, 62.2 per cent in 1904, and 62.3 per cent in 1899; the cheese factories, 39.4 per cent in 1909, 35.1 per cent in 1904, and 36.5 per cent in 1899; and the condensed-milk factories, 4.1 per cent in 1909, 2.7 per cent in 1904, and 1.1 per cent in 1899. In 1909 Wisconsin ranked first among the states in the value of butter and of cheese produced, and fifth in that of condensed milk.

The quantity of butter produced increased 16.5 per cent from 1904 to 1909 and 44.2 per cent from 1899 to

1904. Of the total value of the butter produced in 1909 that of butter packed solid represented 73.9 per cent and that of the product put up in prints and rolls 26.1 per cent.

The output of cheese increased 35.3 per cent from 1904 to 1909, and 40.7 per cent from 1899 to 1904. Of the total output in 1909, 99.3 per cent was full-cream cheese.

PRODUCT.	1909	1904	1899
<b>Total value.....</b>	<b>\$53,843,249</b>	<b>\$29,994,791</b>	<b>\$20,120,147</b>
Butter:			
Packed solid—			
Pounds.....	77,137,253	60,166,509	55,820,200
Value.....	\$21,833,972	\$14,145,383	\$10,714,115
Prints or rolls—			
Pounds.....	26,747,431	19,989,376	5,987,312
Value.....	\$7,713,163	\$4,287,819	\$1,207,799
Cream sold:			
Pounds.....	4,490,508	731,721	2,010,508
Value.....	\$545,723	\$61,623	\$123,578
All other butter-factory products <sup>1</sup> .....	\$190,633	\$162,380	\$490,036
Cheese:			
Full-cream—			
Pounds.....	147,071,501		
Value.....	\$21,070,010		
Part-cream—			
Pounds.....	229,892	109,423,856	77,448,080
Value.....	\$19,405	\$10,488,833	\$7,281,181
Other kinds <sup>2</sup> —			
Pounds.....	764,255		
Value.....	\$52,225		
All other cheese-factory products <sup>3</sup> .....	\$80,982	\$45,494	\$72,213
Condensed milk:			
Sweetened—			
Pounds.....	16,661,772	10,389,856	3,460,510
Value.....	\$1,240,398	\$735,504	\$231,225
Unsweetened—			
Pounds.....	13,912,114	1,124,366	.....
Value.....	\$977,841	\$62,735	.....
All other condensed-milk factory products.....	\$15,899	.....	.....
All other products.....	\$102,998	\$5,000	.....

<sup>1</sup> Includes skimmed milk sold and casein.  
<sup>2</sup> Includes skimmed-milk cheese.  
<sup>3</sup> Includes whey.

The production of condensed milk increased 165.5 per cent from 1904 to 1909, and 232.2 per cent from 1899 to 1904. In 1899 there was no unsweetened condensed milk reported. In 1904, 9.8 per cent, and in 1909, 45.5 per cent, of the condensed milk was unsweetened.

Flour-mill and gristmill products.—The next table shows the quantity and value of the principal products of the merchant mills in 1909, 1904, and 1899.

Wheat flour was the principal product of the industry throughout the period covered by the table, contributing 56.6 per cent of the total value of products for the industry in 1909, 62.1 per cent in 1904, and 63.6 per cent in 1899. While the total value of products increased 11.7 per cent during the five years 1904 to 1909, owing chiefly to the general increase in the prices of such commodities, there were actual decreases in the output of white flour, corn meal and corn flour, buck-wheat flour, and offal.

In 1909 the mills of the state were equipped with 3,158 pairs of rolls and 248 runs of stone, as compared with 4,072 pairs of rolls and 361 runs of stone in 1904. In 1909 four mills manufactured barrels.

PRODUCT.	1909	1904	1899
<b>Total value</b> .....	\$31,667,434	\$28,352,237	\$23,700,874
Wheat flour:			
White—			
Barrels.....	3,467,316	3,726,363	
Value.....	\$17,764,495	\$17,531,813	4,638,698
Graham—			
Barrels.....	32,649	18,010	
Value.....	\$144,594	\$79,196	\$15,082,162
Corn meal and corn flour:			
Barrels.....	85,532	95,801	232,972
Value.....	\$287,740	\$246,051	\$403,005
Rye flour:			
Barrels.....	549,359	547,097	611,295
Value.....	\$2,194,220	\$1,990,327	\$1,672,630
Buckwheat flour:			
Pounds.....	9,330,781	15,980,819	13,205,256
Value.....	\$300,929	\$416,517	\$309,024
Barley meal:			
Pounds.....	5,817,400	3,439,960	5,901,000
Value.....	\$91,494	\$38,110	\$73,373
Feed:			
Tons.....	269,793	243,310	333,391
Value.....	\$7,033,082	\$4,916,055	\$4,849,275
Offal:			
Tons.....	132,991	185,342	94,365
Value.....	\$3,053,366	\$3,038,568	\$1,037,622
All other products.....	\$797,514	\$100,000	\$273,780

Slaughtering and meat packing.—The following table shows the quantity and value of the principal products reported at the censuses of 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
<b>Total value</b> .....	\$27,216,864	\$16,568,919	\$14,141,931
Beef, fresh:			
Pounds.....	35,859,863	28,043,346	24,282,329
Value.....	\$2,605,870	\$1,712,783	\$1,622,676
Veal, fresh:			
Pounds.....	9,615,384	2,594,829	1,806,512
Value.....	\$1,110,373	\$201,725	\$157,079
Mutton, fresh:			
Pounds.....	2,060,498	2,389,517	1,564,703
Value.....	\$194,705	\$172,180	\$129,923
Pork, fresh:			
Pounds.....	48,264,738	35,997,546	24,797,944
Value.....	\$4,802,343	\$2,447,493	\$1,463,007
Pork, salted or cured:			
Pounds.....	106,390,708	100,474,432	108,781,273
Value.....	\$11,699,374	\$8,345,862	\$7,241,055
Sausage, fresh or cured	\$2,476,466	\$1,448,005	\$1,095,130
All other fresh meat:			
Pounds.....	1,440,143	350,000	200,983
Value.....	\$103,902	\$26,500	\$18,467
Lard:			
Pounds.....	19,173,185	16,859,549	21,950,975
Value.....	\$2,120,334	\$1,193,044	\$1,225,846
Tallow, oleo stock, and stearin:		( <sup>2</sup> )	( <sup>2</sup> )
Pounds.....	1,530,506	( <sup>2</sup> )	( <sup>2</sup> )
Value.....	\$125,075		
Fertilizers and fertilizer materials:			
Tons.....	5,703	3,192	3,237
Value.....	\$151,984	\$73,795	\$48,324
Hides:			
Number.....	90,268	60,459	68,472
Pounds.....	4,613,282	3,556,922	2,892,705
Value.....	\$590,057	\$323,231	\$299,905
Pelts:			
Number.....	47,917	55,846	( <sup>2</sup> )
Value.....	\$53,386	\$57,553	( <sup>2</sup> )
All other products.....	\$1,182,995	\$566,758	\$840,519

<sup>1</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.  
<sup>2</sup> Figures not available.

Variation in the quantity of production best indicates the activity of this industry. During the decade the production of fresh beef in Wisconsin increased 47.7 per cent, that of fresh pork 94.6 per cent, that of fresh veal 432.3 per cent, that of fresh mutton 31.7 per cent, and number of hides 31.8 per cent, while that of salted or cured pork decreased 2.2 per cent, and that of lard 12.7 per cent. There were 73,049 beeves, 129,207 calves, 48,518 sheep, and 1,078,361 hogs slaughtered

by the establishments in this industry in the state in 1909, as compared with 59,659 beeves, 34,507 calves, 58,374 sheep, and 938,418 hogs slaughtered in 1904.

Leather, tanned, curried, and finished.—The following table shows the quantity and value of the principal materials and products reported for this industry at the censuses of 1909, 1904, and 1899:

MATERIAL OR PRODUCT.	1909	1904	1899
<b>Materials used, total cost</b> .....	\$34,828,585	\$19,870,887	\$16,040,304
Hides, all kinds:			
Number.....	2,471,848	2,457,195	2,106,986
Cost.....	\$16,373,708	\$11,027,774	\$9,394,950
Skins:			
Calf and kip—			
Number.....	6,986,673	3,633,271	2,819,011
Cost.....	\$12,379,806	\$4,816,826	\$3,545,663
All other <sup>1</sup> —			
Number.....	1,186,702	149,808	247,619
Cost.....	\$1,321,192	\$110,020	\$400,596
Fuel and rent of power.....	\$386,084	\$253,840	\$112,393
All other materials.....	\$4,367,845	\$3,053,418	\$2,580,762
<b>Products, total value</b> .....	\$44,667,676	\$25,845,123	\$20,074,373
Leather:			
Sole.....	\$4,414,972	\$4,231,785	\$4,500,714
Hemlock—			
Sides.....	555,474	1,038,181	1,028,888
Value.....	\$2,885,899	\$3,974,016	\$4,491,748
Union and chrome—			
Sides.....	280,897	53,360	2,100
Value.....	\$1,529,073	\$257,769	\$8,966
Upper, other than calf or kip skins.....	\$10,777,605	\$5,681,841	\$3,826,138
Grain, satin, pebble, patent, and enameled leather—			
Sides.....	3,001,814	1,927,329	1,308,648
Value.....	\$9,765,814	\$4,763,787	\$3,803,777
Finished splits—			
Number.....	2,097,549	1,406,386	979,038
Value.....	\$1,011,791	\$918,054	\$522,361
Calf and kip skins—			
Number.....	7,016,966	3,564,723	2,797,925
Value.....	\$17,306,021	\$6,940,331	\$4,802,420
Harness—			
Sides.....	1,381,925	1,504,944	961,906
Value.....	\$7,987,575	\$6,097,551	\$4,194,372
Glove.....	\$1,355,618	\$870,321	\$342,672
All other.....	\$1,848,224	\$1,470,559	\$1,793,761
All other products.....	\$727,112	\$537,010	\$533,176
Amount received for work on materials for others.....	\$247,549	\$15,625	\$21,120

<sup>1</sup> Includes colt, goat, and sheep skins.

The increase in the cost of all materials from 1899 to 1904 was 23.9 per cent, and from 1904 to 1909, 75.3 per cent. The number of hides used increased 17.3 per cent during the decade, while the number of skins used increased 166.4 per cent.

Every product enumerated in the table, except hemlock sole leather, shows a large increase in value during the 10 years. The decrease in the output of hemlock sole leather was accompanied by a marked increase in that of union and chrome sole leather, an increase not great enough, however, to compensate for the decrease in the hemlock product. The percentage of decrease in the total output of sole leather amounted to 23.1 from 1904 to 1909, and 33.1 from 1899 to 1904. The output of grain, satin, pebble, patent, and enameled leather more than doubled between 1899 and 1909, and its value nearly trebled, while both the number and the value of finished splits of upper leather about doubled during the same time. Calf and kip skins, which contributed nearly 40 per cent of the total value of products in 1909, show the greatest absolute gain in value of any of the products during the last five years, and

also, with the exception of union and chrome sole leather, the greatest relative gain. There was a decrease of 11.5 per cent between 1904 and 1909 in the number of sides of harness leather produced, but an increase of 31 per cent in their value.

**Boots and shoes.**—The number of pairs of the different kinds of boots and shoes made in 1909, 1904, and 1899 are shown in the following table:

KIND.	NUMBER OF PAIRS.		
	1909	1904	1899
Boots and shoes.....	6,777,363	3,951,542	3,230,682
Men's.....	4,055,496	2,064,125	1,428,720
Boys' and youths'.....	652,109	548,867	330,007
Women's.....	1,442,341	737,567	1,226,134
Misses' and children's.....	627,417	600,983	245,821
Slippers.....	204,872	269,942	202,597
Men's, boys', and youths'.....	39,018	41,288	17,732
Women's, misses', and children's.....	165,854	228,654	184,865
Infants' shoes and slippers.....	145,319	(1)	(1)
All other.....	169,075	186,984	98,948

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

The increase in the total output of boots and shoes from 1904 to 1909 was 2,825,821 pairs, or 71.5 per cent, and from 1899 to 1904, 720,860 pairs, or 22.3 per cent. An increased production is shown for each class of boots and shoes for the decade as a whole, that in men's being the greatest. Women's boots and shoes show a decrease of 488,567 pairs from 1899 to 1904, which, however, was more than offset by the increase from 1904 to 1909. Of the total output of boots and shoes in 1909, 59.8 per cent were men's, 9.6 per cent boys' and youths', 21.3 per cent women's, and 9.3 per cent misses' and children's.

The following table shows the number of pairs of the different kinds of boots and shoes made in 1909, classified according to method of manufacture:

KIND.	NUMBER OF PAIRS, BY METHOD OF MANUFACTURE.				
	Total.	Machine or hand welt.	McKay.	Wire-screw, or metal fastened.	All other methods.
Boots and shoes.....	6,777,363	1,752,338	1,063,483	2,488,531	572,611
Men's.....	4,055,496	1,353,362	433,309	2,175,069	93,756
Boys' and youths'.....	652,109	79,093	249,697	297,759	25,560
Women's.....	1,442,341	320,333	750,338	15,703	355,917
Misses' and children's.....	627,417	(1)	530,139	(1)	97,278
Slippers.....	204,872	45,721	107,834	(1)	51,317
Men's, boys', youths'.....	39,018	4,658	22,134	(1)	12,176
Women's, misses', children's.....	165,854	41,063	85,650	(1)	39,141
Infants' shoes and slippers.....	145,319	4,000	(1)	(1)	141,319
All other.....	169,075	5,674	(1)	109,201	54,200

<sup>1</sup> Included under "All other methods," to avoid disclosing the operations of individual establishments.

The wire screw or metal fastening was the method most employed in the manufacture of men's and of boys' and youths' boots and shoes, and the McKay process the most common in the manufacture of the remaining classes shown separately in the table. Of the total output of boots and shoes, those made by the machine or hand welt process formed 25.9 per cent, those made by the McKay process 29 per cent, those made with wire screws or metal fastenings 36.7 per cent, and those made by all other methods 8.4 per cent.

**Paper and wood pulp.**—The following table shows for this industry the quantity and cost of the materials used, the quantity and value of the products reported, and the number and capacity of the principal machines used for the census years 1909, 1904, and 1899:

MATERIAL, PRODUCT, AND EQUIPMENT.	1909	1904	1899
<b>Materials used, total cost.....</b>	<b>\$16,692,565</b>	<b>\$10,692,290</b>	<b>\$6,712,749</b>
Pulp wood.....	\$4,325,839	\$2,502,892	\$1,136,051
Wood pulp, purchased:			
Tons.....	157,416	107,479	73,231
Cost.....	\$5,511,750	\$3,365,155	\$2,240,861
Ground—			
Tons.....	64,959	43,514	36,089
Cost.....	\$1,457,025	\$370,180	\$708,130
Soda fiber—			
Tons.....	7,573	5,154	4,890
Cost.....	\$335,621	\$218,608	\$204,021
Sulphite fiber—			
Tons.....	84,884	58,511	32,252
Cost.....	\$3,716,104	\$2,290,367	\$1,328,710
Rags, including cotton and flax waste and sweepings:			
Tons.....	19,741	24,615	29,049
Cost.....	\$595,554	\$692,831	\$717,409
Old and waste paper:			
Tons.....	29,607	8,412	7,725
Cost.....	\$591,019	\$169,626	\$166,777
All other paper stock.....	\$136,496	\$314,253	\$139,162
All other materials, including fuel.....	\$5,531,907	\$3,628,033	\$2,313,459
<b>Products, total value.....</b>	<b>\$25,962,999</b>	<b>\$17,844,174</b>	<b>\$10,895,576</b>
News paper:			
Tons.....	169,151	121,749	90,075
Value.....	\$7,201,706	\$5,187,635	\$3,253,391
Book, cover, plate, and coated paper:			
Tons.....	58,705	52,283	25,609
Value.....	\$3,881,708	\$2,839,787	\$1,644,663
Writing paper:			
Tons.....	27,379	17,333	13,991
Value.....	\$3,271,402	\$2,066,243	\$1,489,199
Wrapping paper:			
Tons.....	98,083	94,454	46,869
Value.....	\$5,083,757	\$4,200,058	\$2,048,805
Tissues:			
Tons.....	10,835	2,989	2,960
Value.....	\$988,516	\$571,378	\$250,331
Other paper products:			
Tons.....	24,506	4,796	7,217
Value.....	\$914,535	\$205,656	\$351,072
Wood pulp made for sale or for consumption in mills other than where produced:			
Tons.....	111,683	89,277	63,657
Value.....	\$3,711,517	\$2,754,203	\$1,855,953
All other products.....	\$908,658	\$19,214	\$2,162
Wood pulp produced (including that used in mills where manufactured),			
Tons.....	321,213	241,537	137,098
Ground.....	166,822	124,746	77,305
Soda fiber.....		3,744	
Sulphite fiber.....	154,391	113,047	59,793
<b>Equipment:</b>			
Paper machines:			
Total number.....	99	93	75
Capacity, yearly, tons.....	431,763	345,879	222,046
Fourdrinier—			
Number.....	91	88	68
Capacity per 24 hours, tons.....	1,315	1,112	( <sup>1</sup> )
Cylinder—			
Number.....	8	5	7
Capacity per 24 hours, tons.....	108	36	( <sup>1</sup> )
Pulp:			
Grinders—			
Number.....	233	197	174
Capacity, yearly, tons.....	270,561	193,720	( <sup>1</sup> )
Digesters—			
Number.....	53	50	43
Capacity, yearly, tons.....	167,121	141,325	( <sup>1</sup> )

<sup>1</sup> Includes 3,659 tons of "Other fine paper," valued at \$464,678.

<sup>2</sup> Not reported.

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

The total cost of all materials increased 56.1 per cent from 1904 to 1909, and 59.3 per cent from 1899 to 1904. Of the wood pulp purchased in 1909, 41.3 per cent was ground, 4.8 per cent soda fiber, and 53.9 per cent sulphite fiber. There was a slight decrease in the quantity of rags purchased and an increase in the consumption of old and waste paper.

The total value of the products of the industry increased 45.5 per cent from 1904 to 1909 and 63.8 per cent from 1899 to 1904. All classes of products increased in both quantity and value during the decade. In 1909 news paper represented 33.7 per cent of the total value of paper products; book paper, 18.2 per cent; writing paper, 15.3 per cent; wrapping paper, 23.8 per cent; tissues, 4.6 per cent; and other paper products, 4.3 per cent. Of the 321,213 tons of wood pulp produced in 1909, 51.9 per cent was ground and 48.1 per cent sulphite fiber. There is an element of duplication in the industry in the item of wood pulp produced for sale, since much of it is sold to paper mills within the state, by which it is used and reported in the value of products. The equipment of the mills has been increased during the decade.

**Printing and publishing.**—The following table shows the number and aggregate circulation of the various classes of newspapers and periodicals published in Wisconsin in 1909, 1904, and 1899:

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
<b>Total</b> .....	677	711	608	2,121,662	2,077,826	1,426,499
Daily.....	65	65	60	401,886	307,118	213,882
Sunday.....	8	9	13	130,778	126,238	( <sup>1</sup> )
Semiweekly.....	23	27	22	42,708	194,230	162,995
Weekly.....	512	538	463	1,012,502	902,467	771,574
Monthly.....	56	52	42	468,088	500,046	180,948
All other classes.....	13	10	8	65,700	47,727	88,100

<sup>1</sup> Included in circulation of dailies.

The newspaper and periodical branch of the industry in Wisconsin shows a decided growth for the last decade, as measured by aggregate circulation. The total number of publications was also considerably larger in 1909 than in 1899, in spite of a decrease from 1904 to 1909. The weeklies show the greatest increase in number, and the monthlies the greatest increase in circulation. There were decreases during the decade as a whole in the number of Sunday publications and in the circulation of the semiweeklies and of the publications included under the head of "All other classes," although the circulation of the latter increased somewhat between 1904 and 1909.

In 1909, 10 of the 65 daily papers, with an aggregate circulation of 105,042, were issued as morning editions. Of the 677 publications reported, 107 were printed in foreign languages. These included 6 dailies, of which 4 were printed in German and 2 in Polish; 1 Sunday edition, printed in German; 14 semi-weeklies, 13 of which were printed in German and 1 in Dutch; 73 weeklies, of which 56 were in German, 6 in Bohemian, 4 in Norwegian, 3 in Polish, 2 in Swedish, 1 in Italian and English, and 1 in Norwegian and Danish; 8 monthlies, 4 of which were in German, 1 in Bohemian, 1 in Norwegian, 1 in German and English, and 1 in Norwegian and Danish; and 5 belonging to other classes, 2 of which were in German, 2 in German and English, and 1 in English, German, French, and

Spanish. These publications in foreign languages reported an aggregate circulation per issue of 667,073, representing 31.4 per cent of the total for the state.

**Automobiles, including bodies and parts.**—The following table shows the number and value of the different products of this industry in 1909 and 1904:

PRODUCT.	1909		1904	
	Number.	Value.	Number.	Value.
<b>Total value</b> .....		\$11,440,242		\$1,875,259
Automobiles (gasoline).....	5,591	7,085,562	2,390	\$1,856,694
Runabouts, touring cars, and cabs.....	5,559	7,050,862	2,378	1,846,294
Delivery wagons and trucks...	32	34,700	12	10,400
All other products, including bodies and parts and repair work.....		4,354,680		13,565

<sup>1</sup> Excluding the statistics for two establishments engaged in the manufacture of automobile bodies and parts, to avoid disclosure of individual operations.  
<sup>2</sup> Electric machines included, to avoid disclosure of individual operations.

A rapid development is shown by the above table to have taken place in the manufacture of automobiles and of automobile bodies and parts. The number of automobiles manufactured increased from 2,390 in 1904 to 5,591 in 1909, a gain of 133.9 per cent. Of those built in 1909, 5,559 were passenger and 32 business machines.

**Carriages and wagons and materials.**—The following table shows the number and value of the principal products of the carriage and wagon factories of the state in 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
<b>Total value</b> .....	\$8,899,171	\$8,089,491	\$7,033,945
Carriages (family and pleasure):			
Number.....	24,726	23,466	36,323
Value.....	\$1,519,096	\$1,520,841	\$2,022,608
Wagons:			
Number.....	92,011	83,916	70,210
Value.....	\$4,853,561	\$4,396,693	\$3,308,455
Business—			
Number.....	11,564	12,910	( <sup>1</sup> )
Value.....	\$732,544	( <sup>1</sup> )	( <sup>1</sup> )
Farm—			
Number.....	80,376	70,814	( <sup>1</sup> )
Value.....	\$4,102,301	( <sup>1</sup> )	( <sup>1</sup> )
Government, municipal, etc.—			
Number.....	71	192	( <sup>1</sup> )
Value.....	\$18,716	( <sup>1</sup> )	( <sup>1</sup> )
Public conveyances:			
Number.....	99	103	101
Value.....	\$33,390	\$39,720	\$31,900
Sleighs and sleds:			
Number.....	17,720	15,365	17,451
Value.....	\$399,310	\$343,509	\$322,106
All other products, including parts and repair work.....	\$2,093,814	\$1,788,728	\$1,345,876

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

In 1909 the value of carriages represented 17.1 per cent of the total value of products; that of wagons, 54.5 per cent; that of public conveyances, four-tenths of 1 per cent; and that of sleighs and sleds, 4.5 per cent. Farm wagons were the most important product manufactured, contributing 46.1 per cent of the total value of products for the industry in 1909. While there was a slight increase in the number of carriages built in 1909 as compared with 1904, there was a slight decrease in their value. Both the number and value of carriages show a considerable decrease as compared with 1899, this being the result of the increasing use of the automobile.

**Laundries.**—Statistics for steam laundries are not included in the general tables or in the totals for manufacturing industries. There were 147 such establishments in the state in 1909, of which 33 were in Milwaukee, 3 in Appleton, 3 in Beloit, 3 in Janesville, 4 in Kenosha, 4 in La Crosse, 3 in Madison, 3 in Manitowoc, 3 in Oshkosh, and 5 in Racine.

The following statement summarizes the statistics:

Number of establishments.....	147
Persons engaged in the industry.....	2,332
Proprietors and firm members.....	159
Salaried employees.....	159
Wage earners (average number).....	2,014
Primary horsepower.....	2,373
Capital.....	\$1,379,730
Expenses.....	1,435,389
Services.....	863,595
Materials.....	331,907
Miscellaneous.....	239,887
Amount received for work done.....	1,840,327

Seventy-seven of the 147 establishments were operated by individuals, 38 by firms, and 32 by corporations. Forty-nine establishments reported receipts for the year's business of less than \$5,000 each; 75, receipts of between \$5,000 and \$20,000; and 23, receipts of between \$20,000 and \$100,000.

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.....	1,921	89.8	July.....	2,136	99.9
February.....	1,917	89.7	August.....	2,138	100.0
March.....	1,936	90.6	September.....	2,105	98.5
April.....	1,937	90.6	October.....	2,030	94.9
May.....	1,987	92.9	November.....	2,009	94.0
June.....	2,035	95.2	December.....	2,018	94.4

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>2,373</b>
Owned:		
Steam.....	123	2,104
Gas.....	7	33
Rented:		
Electric.....	49	220
Other.....		19

The kind and amount of fuel used are shown in the following statement:

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons.....	170
Bituminous coal.....	Tons.....	25,349
Coke.....	Tons.....	214
Wood.....	Cords.....	1,772
Oil.....	Barrels.....	366
Gas.....	1,000 feet.....	9,973

**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.....	251	371
Persons engaged in the industry.....	732	638
Proprietors and firm members.....	367	447
Salaried employees.....	2	9
Wage earners (average number).....	363	182
Primary horsepower.....	6,930	15,076
Capital.....	\$432,029	\$1,667,710
Expenses.....	150,320	4,993,307
Services.....	116,291	79,967
Materials.....	5,466	1,4,864,845
Miscellaneous.....	28,573	48,494
Value of products.....	291,736	15,578,090

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

STATISTICS OF MANUFACTURES.

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 employes.	Wage earners (average number).							
Expressed in thousands.													
<b>THE STATE—All industries...</b>	1909	9,721	213,426	8,556	22,287	182,583	554,179	\$605,657	\$25,737	\$93,905	\$346,357	\$590,306	\$243,949
	1904	8,568	173,572	7,961	14,220	151,391	440,234	412,647	15,498	71,472	227,255	411,140	183,885
	1899	7,841	10,480	10,480	137,525	364,380	286,061	286,061	10,493	55,696	185,695	326,753	141,058
Agricultural implements.....	1909	45	4,095	29	1,362	2,704	7,301	21,540	1,414	1,506	3,937	11,411	7,474
	1904	52	4,628	42	1,017	3,599	6,966	20,838	1,050	1,886	3,520	10,077	6,557
	1899	51	4,511	42	1,180	3,289	2,894	15,292	836	1,626	3,291	7,886	4,595
Artificial stone.....	1909	110	548	138	33	377	669	605	23	189	235	624	389
	1904	20	93	33	12	48	92	112	7	25	42	112	70
	1899												
Automobiles, including bodies and parts.	1909	30	4,047	18	331	4,298	3,153	8,746	443	2,733	5,340	11,440	6,100
	1904	6	587	8	59	520	645	1,240	54	300	845	1,375	1,030
	1899												
Boots and shoes, including out stock and findings.	1909	68	5,962	26	505	5,431	2,923	8,233	638	2,243	8,753	13,602	4,849
	1904	62	3,799	34	271	3,494	1,686	3,916	273	1,326	4,417	6,844	2,427
	1899	44			239			2,667	223	904	3,449	5,189	1,740
Boxes, cigar.....	1909	7	215	6	23	186	261	334	21	56	139	283	144
	1904	6	224	7	24	193	214	245	18	48	131	247	116
	1899	8	260	12	16	232		229	13	52	139	242	103
Boxes, fancy and paper.....	1909	15	907	7	76	824	331	1,080	79	262	639	1,317	678
	1904	12	543	11	42	490	332	476	32	128	214	498	284
	1899	8	353	12	13	328		178	11	73	121	241	120
Bread and other bakery products.....	1909	667	2,719	720	248	1,751	944	4,486	180	929	4,023	6,872	2,849
	1904	532	2,461	572	175	1,714	626	2,593	119	765	3,151	5,381	2,290
	1899	430	1,955	443	183	1,329		1,700	114	468	1,871	3,619	1,748
Brick and tile.....	1909	108	1,219	117	75	1,027	5,640	2,533	60	510	282	1,191	909
	1904	141	1,868	146	84	1,638	5,951	3,052	74	680	553	1,848	1,295
	1899	168	1,695	165	61	1,409	5,156	2,211	49	542	730	1,796	1,066
Brooms and brushes.....	1909	44	341	41	57	243	244	386	39	105	270	562	292
	1904	35	287	36	47	204	182	271	26	88	169	377	208
	1899	41	226	49	12	165		124	9	55	147	292	145
Butter, cheese, and condensed milk.....	1909	2,630	5,161	1,864	434	2,863	16,467	9,766	217	1,877	48,006	53,843	5,837
	1904	2,300	4,479	1,858	323	2,298	15,276	5,897	69	1,323	20,406	29,995	3,599
	1899	2,018	3,732	1,538	414	1,780	12,413	4,918	70	893	16,624	20,120	3,496
Buttons.....	1909	13	217	23	6	188	143	173	8	77	92	290	198
	1904	18	224	24	11	189	239	116	5	59	59	166	107
	1899	9	119	9	4	106	110	34	1	32	19	63	44
Canning and preserving.....	1909	83	2,044	27	241	1,776	4,915	6,110	222	639	2,967	4,807	1,840
	1904	59	1,506	21	174	1,311	2,962	2,940	155	426	2,012	3,201	1,279
	1899	36			58			819	46	148	702	1,359	657
Carriages and wagons and materials.....	1909	283	4,044	338	269	3,437	6,426	13,706	382	1,930	5,163	8,869	3,736
	1904	330	4,361	410	269	3,682	5,374	10,135	296	1,311	4,092	8,089	3,997
	1899	381			228	3,477		8,455	264	1,646	3,433	7,034	3,021
Cars and general shop construction and repairs by steam-railroad companies.	1909	22	9,419		425	8,994	4,196	3,279	398	5,234	8,676	14,332	5,656
	1904	30	5,745		301	5,444	3,601	3,916	268	3,128	3,071	6,512	3,441
	1899	46	4,774		272	4,502	2,954	4,206	245	2,308	3,525	6,307	2,782
Chemicals.....	1909	5	115	3	36	76	495	329	39	41	242	513	271
	1904	5	96	2	29	65	243	194	23	29	137	265	128
	1899	4	99	2	33	64	265	288	43	26	131	254	123
Clothing, men's, including shirts.....	1909	94	4,841	74	515	4,252	691	6,706	618	1,469	5,448	9,405	3,957
	1904	104	3,297	103	271	2,923	513	3,793	344	983	3,548	6,709	3,161
	1899	97			240	2,577		2,841	275	677	2,471	4,634	2,163
Clothing, women's.....	1909	19	635	12	58	565	64	406	75	186	503	928	425
	1904	17	563	12	53	498	75	465	49	157	453	840	387
	1899	9	288	14	21	253		142	18	81	101	272	171
Coffins, burial cases, and undertakers' goods.	1909	8	420	2	69	349	622	817	72	159	384	754	370
	1904	6	160	9	18	133	379	355	19	60	151	326	175
	1899	3	96	7	13	76		235	9	33	80	172	92
Confectionery.....	1909	38	2,262	22	460	1,780	1,327	2,336	444	513	2,667	4,414	1,747
	1904	35	1,382	24	162	1,196	652	1,336	164	307	1,439	2,348	909
	1899	20			100	693		634	93	147	913	1,424	511
Cooperage and wooden goods, not elsewhere specified.	1909	48	1,315	38	69	1,208	3,658	2,373	98	618	1,119	2,393	1,274
	1904	82	2,130	81	87	1,962	3,804	1,959	97	858	1,702	3,074	1,372
	1899	109			47	2,082		2,728	50	781	1,373	2,887	1,514
Copper, tin, and sheet-iron products.....	1909	105	3,253	114	359	2,780	2,325	6,171	438	1,188	4,656	7,136	2,480
	1904	* 53	2,837	56	278	2,503	1,690	4,458	303	941	2,848	4,958	2,110
	1899	* 47			140	2,084		3,257	138	605	1,978	3,402	1,424
Cutlery and tools, not elsewhere specified.	1909	16	160	13	29	118	516	431	26	64	123	285	162
	1904	11	107	12	10	85	163	280	9	44	79	158	79
	1899	11			9	84		137	9	38	72	149	77
Dairymen's, poultryers', and apiarists' supplies.	1909	22	614	16	72	526	984	1,484	69	279	711	1,329	618
	1904	14	236	13	19	204	396	356	17	77	170	365	195

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

<sup>2</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations, and includes three establishments for "Enameling and enameled goods."

<sup>3</sup> Includes four establishments for "Enameling and enameled goods."

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>													
Electrical machinery, apparatus, and supplies.	1909	30	1,904	16	479	1,409	2,333	\$4,636	\$532	\$820	\$1,451	\$3,836	\$2,385
	1904	23	1,614	14	396	1,204	2,173	6,329	451	673	1,020	3,194	2,174
	1899	7	584	1	58	527	430	982	64	222	369	924	565
Fancy articles, not elsewhere specified.	1909	6	384	3	38	343	312	434	32	113	225	477	252
	1904	10	370	7	34	329	311	306	25	96	200	439	239
	1899	14	28	4	—	24	—	18	—	5	13	26	13
Flour-mill and gristmill products.	1909	322	1,931	386	361	1,184	31,903	10,663	371	695	27,038	31,667	4,629
	1904	389	2,096	511	234	1,351	42,211	10,546	253	720	24,756	28,352	3,596
	1899	358	—	—	220	1,275	36,736	8,419	246	650	20,623	23,701	3,078
Food preparations.	1909	28	809	26	257	526	2,738	2,166	315	243	2,844	5,535	2,691
	1904	16	467	11	94	362	765	1,330	162	156	1,020	2,211	1,191
	1899	15	354	9	96	249	—	656	76	113	372	1,333	961
Foundry and machine-shop products.	1909	444	28,075	294	3,562	24,219	33,709	86,898	4,291	14,601	22,534	54,124	31,590
	1904	362	17,469	320	1,819	16,330	22,160	48,390	2,193	8,539	13,623	31,370	17,747
	1899	315	15,824	294	945	14,585	—	24,799	1,142	7,070	12,340	26,018	13,678
Fur goods.	1909	40	524	38	73	413	197	1,323	66	219	927	1,524	597
	1904	24	418	22	40	356	157	660	36	155	452	909	457
	1899	14	—	—	36	418	—	460	25	151	509	851	342
Furniture and refrigerators.	1909	114	12,161	50	993	11,118	18,667	21,229	1,285	5,136	8,795	18,656	9,861
	1904	107	10,353	66	586	9,702	13,813	16,340	674	3,750	5,755	12,370	6,605
	1899	85	8,852	49	461	8,342	—	10,929	495	2,747	4,282	9,471	6,189
Gas and electric fixtures and lamps and reflectors.	1909	13	634	7	75	552	353	761	70	358	707	1,466	759
	1904	9	284	5	35	244	97	394	32	119	297	575	273
	1899	4	—	—	11	150	—	155	11	60	170	315	145
Gas, illuminating and heating.	1909	49	1,505	100	342	1,063	3,278	25,452	285	583	1,389	4,001	2,612
	1904	33	1,184	—	273	911	2,859	18,869	221	464	819	2,911	2,092
	1899	25	655	—	123	532	681	7,875	89	208	321	1,397	1,076
Gloves and mittens, leather.	1909	23	1,782	11	129	1,642	301	2,054	145	573	1,637	2,799	1,162
	1904	21	1,480	12	72	1,396	226	1,207	32	437	1,339	2,209	870
	1899	19	366	23	24	319	83	220	18	78	319	507	188
Hosiery and knit goods.	1909	61	4,659	28	349	4,282	2,312	6,183	508	1,579	3,887	7,843	3,956
	1904	50	4,476	18	205	4,263	2,112	4,404	235	1,187	1,579	4,979	2,681
	1899	39	2,881	26	125	2,730	1,169	2,571	160	602	1,186	2,508	1,322
Iron and steel, blast furnaces.	1909	5	817	—	69	758	12,975	6,145	103	497	3,918	4,794	876
	1904	4	521	—	39	482	5,875	2,649	63	257	2,251	3,075	824
	1899	5	577	—	26	551	4,100	1,637	42	308	2,015	2,900	885
Iron and steel, steel works and rolling mills.	1909	14	2,285	—	161	2,124	10,064	6,673	232	1,409	7,906	10,733	2,827
	1904	10	2,048	—	133	1,915	11,125	3,490	156	1,125	4,501	7,379	2,878
	1899	7	1,435	—	65	1,370	6,230	3,923	74	909	3,395	6,005	2,610
Jewelry.	1909	13	103	14	11	78	23	151	8	42	87	240	153
	1904	12	92	11	4	77	41	74	4	41	38	126	88
	1899	5	50	8	5	37	—	29	4	26	36	76	40
Leather goods.	1909	48	2,450	38	313	2,099	1,442	4,560	436	922	3,010	5,382	2,372
	1904	39	2,028	31	173	1,824	1,165	3,072	228	737	2,433	4,056	1,823
	1899	45	—	—	153	1,540	—	1,891	168	439	1,464	2,499	1,045
Leather, tanned, curried, and finished.	1909	32	7,977	23	406	7,548	17,112	49,412	697	3,988	34,829	44,668	9,839
	1904	33	5,905	27	322	5,556	9,816	30,409	458	2,637	19,871	25,845	5,974
	1899	42	5,535	43	230	5,262	6,076	18,284	315	2,242	16,040	20,074	4,034
Lime.	1909	43	875	25	74	776	1,984	2,297	88	412	507	1,272	765
	1904	35	613	30	39	544	1,200	1,468	34	256	327	781	454
Liquors, malt.	1909	136	6,076	100	915	5,061	23,248	69,683	1,394	3,045	7,898	32,126	24,228
	1904	138	5,612	106	634	4,872	15,864	53,349	924	2,860	5,135	28,692	23,507
	1899	147	4,627	139	484	3,904	13,401	35,318	726	1,927	4,237	19,395	15,158
Lumber and timber products.	1909	1,020	37,134	1,046	1,995	34,093	124,286	68,309	2,355	16,059	25,587	57,969	32,382
	1904	777	36,961	774	1,730	34,487	101,881	43,456	1,907	16,674	24,533	58,531	33,948
	1899	951	—	—	1,630	39,529	114,285	55,820	1,886	15,949	34,566	68,272	33,705
Malt.	1909	25	584	12	116	456	7,642	16,211	217	318	7,823	9,597	1,774
	1904	29	673	22	116	535	5,043	13,008	176	355	6,937	8,740	1,803
	1899	17	425	7	52	366	—	3,648	86	210	3,175	4,060	915
Marble and stone work.	1909	136	2,898	148	157	2,593	4,847	3,743	196	1,827	1,217	4,114	2,897
	1904	74	1,275	83	85	1,107	2,605	2,021	106	699	706	1,999	1,293
	1899	103	—	—	117	956	—	1,906	93	487	654	1,725	1,071
Mattresses and spring beds.	1909	21	603	12	87	504	917	1,633	86	241	858	1,444	586
	1904	20	1,561	15	131	1,415	2,181	1,939	126	785	1,508	3,528	2,020
	1899	14	—	—	39	1,040	—	1,157	69	411	1,180	1,829	649
Millinery and lace goods.	1909	7	323	3	13	307	163	319	20	147	338	556	218
	1904	4	377	3	30	344	93	233	39	123	317	555	238
	1899	6	295	10	18	267	—	284	28	96	299	529	230
Mirrors.	1909	5	97	1	9	87	190	138	15	49	199	316	117
	1904	3	64	—	7	57	100	90	9	26	120	167	47

<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.

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

<sup>4</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.  
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).							
STATE—Continued.													
Musical instruments, pianos and organs and materials.	1909	11	443	26	48	369	339	\$754	\$54	\$202	\$490	\$893	\$403
	1904	3	92	3	5	84	37	41	4	45	120	184	64
	1899	3	18	3	.....	15	14	25	.....	7	6	18	12
Paint and varnish.....	1909	12	288	5	89	194	935	1,260	93	99	1,043	1,526	493
	1904	9	192	6	34	152	731	936	30	70	704	1,048	284
	1899	5	127	6	43	78	367	403	29	28	676	832	206
Paper and wood pulp.....	1909	57	7,878	1	410	7,407	136,903	33,738	731	3,891	16,693	25,962	9,269
	1904	52	6,627	2	287	6,338	105,940	24,409	435	2,988	10,692	17,844	7,152
	1899	47	4,442	3	199	4,240	76,376	16,580	308	1,649	6,713	10,896	4,183
Patent medicines and compounds and druggists' preparations.	1909	62	616	53	294	269	219	1,288	275	118	445	1,707	1,262
	1904	58	399	54	83	262	113	761	85	77	362	1,233	871
	1899	43	.....	.....	54	297	.....	623	52	108	228	674	446
Pens, fountain, stylographic, and gold..	1909	5	94	2	45	47	18	254	30	22	122	248	126
	1904	3	57	.....	28	29	10	130	17	14	77	188	111
Photo-engraving.....	1909	10	232	9	52	171	66	116	47	130	46	312	266
	1904	5	132	2	27	103	35	66	16	76	20	166	146
	1899	4	56	3	2	51	.....	22	2	27	8	51	43
Printing and publishing.....	1909	833	7,860	864	1,636	5,360	5,293	10,763	1,505	2,913	3,386	11,361	8,475
	1904	767	7,036	800	1,137	5,099	5,064	8,020	1,009	2,435	2,642	9,232	6,610
	1899	1,636	.....	.....	683	4,413	.....	6,474	543	1,831	1,727	6,498	4,631
Slaughtering and meat packing.....	1909	48	2,263	56	317	1,890	3,283	6,629	386	1,042	23,403	27,217	3,814
	1904	23	1,762	26	156	1,580	2,457	4,887	197	782	14,072	16,569	2,497
	1899	19	1,660	26	133	1,501	.....	4,031	164	611	12,244	14,142	1,898
Stoves and furnaces, including gas and oil stoves.	1909	12	2,116	1	312	1,803	1,631	3,986	307	1,003	1,569	3,737	2,168
	1904	11	1,529	5	165	1,369	914	2,591	184	666	1,052	2,445	1,393
Tobacco manufactures.....	1909	775	3,380	331	158	2,391	286	2,995	187	1,106	2,507	6,142	3,635
	1904	767	3,868	349	209	2,810	457	3,153	201	1,196	2,186	6,346	4,160
	1899	628	3,054	687	98	2,269	475	2,316	129	903	1,697	4,893	3,191
Woolen, worsted, and felt goods, and wool hats.	1909	33	1,178	23	109	1,046	3,059	2,574	127	351	1,376	2,230	854
	1904	29	1,228	27	64	1,137	2,476	2,346	84	331	1,400	2,298	898
	1899	35	.....	65	1,063	.....	.....	2,396	87	316	1,163	1,855	692
All other industries.....	1909	736	15,335	656	2,091	12,588	36,876	47,607	2,245	6,321	25,291	46,702	21,411
	1904	620	11,096	585	1,050	9,452	26,315	27,161	1,171	4,311	14,293	26,219	11,926
	1899	654	.....	.....	1,098	11,323	.....	21,550	1,066	4,020	12,638	25,152	12,614

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

MILWAUKEE—All industries.	1909	1,764	68,933	1,472	7,959	59,502	94,254	\$219,391	\$9,405	\$31,437	\$120,821	\$208,324	\$87,703
	1904	1,527	49,843	1,393	5,084	43,366	.....	161,494	5,837	20,809	71,163	137,995	66,892
	1899	1,419	.....	.....	4,077	41,220	.....	105,604	4,305	17,102	59,694	110,854	51,160
Artificial stone.....	1909	9	95	2	13	80	238	180	10	47	60	161	101
	1904	4	36	5	8	23	.....	73	5	13	24	72	48
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boots and shoes, including cut stock and findings.	1909	26	3,258	13	272	2,973	1,481	5,312	334	1,235	4,950	7,800	2,850
	1904	27	1,788	20	99	1,669	.....	2,054	98	632	2,040	3,182	1,142
	1899	22	.....	.....	103	1,798	.....	1,455	93	525	1,894	2,593	899
Bread and other bakery products.....	1909	318	1,442	331	136	975	509	3,105	114	528	2,213	3,824	1,611
	1904	256	1,558	258	133	1,167	.....	1,771	104	492	2,100	3,510	1,410
	1899	249	1,067	248	98	721	.....	947	68	267	1,090	2,158	1,068
Brooms and brushes.....	1909	21	204	17	39	148	96	178	25	67	158	339	181
	1904	17	162	15	26	121	.....	146	18	58	92	233	141
	1899	20	136	23	9	104	.....	69	7	32	99	179	80
Carriages and wagons and materials....	1909	23	205	31	6	168	310	383	8	103	376	566	190
	1904	34	475	44	19	412	.....	726	17	219	490	881	391
	1899	29	.....	.....	8	243	.....	517	8	111	149	367	218
Clothing, men's, including shirts.....	1909	66	3,096	61	353	2,682	344	4,565	423	975	3,467	6,278	2,811
	1904	84	2,203	91	189	1,923	.....	2,757	254	621	2,394	4,790	2,396
	1899	80	1,960	87	174	1,699	.....	2,353	196	465	1,894	3,637	1,743
Clothing, women's.....	1909	14	440	11	38	391	45	247	57	139	352	669	317
	1904	9	249	11	22	216	.....	148	25	80	149	334	185
	1899	6	191	11	19	161	.....	101	14	49	54	189	135
Confectionery.....	1909	14	1,560	8	338	1,214	910	1,941	305	356	1,836	3,063	1,227
	1904	12	781	5	74	682	.....	739	86	184	371	1,330	509
	1899	10	.....	.....	65	495	.....	451	61	111	648	989	341

1 Excluding statistics for one establishment, to avoid disclosure of individual operations.  
 2 Figures can not be shown without disclosing individual operations.  
 3 Excluding statistics for two establishments, to avoid disclosure of individual operations.  
 4 Not reported separately.  
 5 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.

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>MILWAUKEE—Continued.</b>													
Cooperage and wooden goods, not elsewhere specified.	1909	14	252	7	19	226	439	\$517	\$25	\$123	\$350	\$541	\$191
	1904	24	384	24	13	347	.....	704	16	197	475	812	337
	1899	36	.....	.....	8	416	.....	467	6	176	384	707	323
Copper, tin, and sheet-iron products ...	1909	39	2,333	43	271	2,019	1,910	4,712	346	860	3,514	5,330	1,816
	1904	23	1,018	26	154	838	.....	1,204	131	302	1,314	2,097	753
	1899	20	.....	.....	88	690	.....	1,018	58	221	723	1,225	502
Cutlery and tools, not elsewhere specified.	1909	6	15	7	3	5	9	13	2	3	9	23	14
	1904	17	24	8	.....	16	.....	17	.....	7	3	17	14
	1899	7	32	8	1	23	.....	33	(2)	11	10	32	22
Electrical machinery, apparatus, and supplies.	1909	18	1,346	8	340	998	1,537	3,656	372	598	928	2,749	1,821
	1904	12	1,041	3	223	815	.....	5,133	310	491	665	2,257	1,692
	1899	4	401	.....	34	367	.....	688	35	152	178	502	324
Flour-mill and gristmill products.....	1909	7	400	9	111	280	4,295	2,950	103	179	7,113	7,948	835
	1904	6	313	7	53	258	.....	2,632	81	141	5,535	6,320	785
	1899	7	325	5	53	267	.....	1,385	69	143	5,804	6,358	554
Foundry and machine-shop products...	1909	125	9,013	62	1,075	7,881	9,805	28,139	1,341	4,762	7,000	18,146	11,146
	1904	105	6,476	88	738	5,650	.....	20,297	879	3,128	4,970	11,421	6,451
	1899	101	.....	.....	561	8,468	.....	16,229	759	4,295	8,019	10,776	8,757
Fur goods.....	1909	27	439	25	65	349	141	1,207	60	201	833	1,360	527
	1904	14	321	12	31	278	.....	580	31	128	336	734	398
	1899	8	.....	.....	36	380	.....	417	25	138	406	772	306
Furniture and refrigerators.....	1909	27	1,407	25	150	1,232	1,743	2,471	193	638	874	2,213	1,339
	1904	26	1,240	34	110	1,096	.....	1,708	127	531	735	1,787	1,032
	1899	21	1,197	24	94	1,079	.....	1,228	91	438	662	1,486	824
Gas and electric fixtures and lamps and reflectors.	1909	8	187	5	47	135	69	348	39	79	261	498	237
	1904	5	141	2	21	118	.....	161	18	62	124	259	135
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gloves and mittens, leather.....	1909	8	802	1	44	757	190	1,210	59	304	944	1,503	559
	1904	6	619	2	19	593	.....	732	26	210	801	1,208	407
	1899	6	131	4	3	124	.....	85	2	43	179	252	73
Hats and caps, other than felt, straw, and wool.	1909	8	84	9	8	67	10	58	8	35	62	139	77
	1904	5	67	7	4	56	.....	37	4	23	53	101	48
	1899	6	652	6	40	606	.....	442	38	171	277	603	326
Hosiery and knit goods.....	1909	29	2,075	19	131	1,925	877	2,274	163	631	1,689	3,417	1,728
	1904	23	1,798	13	74	1,711	.....	1,316	107	407	690	1,570	870
	1899	22	1,479	19	38	1,422	.....	1,091	59	291	575	1,240	665
Leather goods.....	1909	23	1,455	26	162	1,267	529	2,731	246	577	1,743	3,169	1,426
	1904	14	1,145	17	79	1,049	.....	1,844	114	439	1,514	2,523	1,009
	1899	17	.....	.....	61	945	.....	1,138	88	264	839	1,484	645
Leather, tanned, curried, and finished..	1909	12	5,166	10	253	4,903	9,931	27,438	408	2,637	21,468	27,484	6,016
	1904	10	3,341	12	213	3,111	.....	15,329	264	1,600	10,549	14,074	3,525
	1899	11	3,017	12	143	2,862	.....	11,374	188	1,234	8,067	10,288	2,201
Liquors, malt.....	1909	10	3,356	3	282	3,071	12,890	47,517	591	1,818	4,373	19,643	15,270
	1904	8	3,809	.....	283	3,521	.....	43,319	518	2,127	3,397	22,135	18,738
	1899	9	3,074	3	244	2,827	.....	27,460	471	1,375	2,744	18,899	11,155
Lumber and timber products.....	1909	30	2,620	14	223	2,383	7,525	6,009	263	1,207	3,791	6,053	2,262
	1904	25	2,011	20	155	1,836	.....	3,139	162	807	2,764	4,296	1,522
	1899	21	1,837	14	97	1,726	.....	2,219	121	609	1,716	2,915	1,199
Malt.....	1909	6	192	5	41	146	2,475	9,053	100	108	2,724	3,483	759
	1904	7	269	7	47	215	.....	7,377	103	147	2,846	3,624	773
	1899	3	192	.....	15	177	.....	1,449	30	115	1,914	2,318	404
Marble and stone work.....	1909	26	419	29	43	347	983	1,205	56	291	317	862	545
	1904	14	347	15	31	301	.....	778	38	130	257	629	372
	1899	19	.....	.....	37	282	.....	733	39	154	294	630	336
Mattresses and spring beds.....	1909	9	300	7	47	246	368	964	37	113	457	760	303
	1904	9	269	8	50	211	.....	487	32	95	313	635	352
	1899	6	.....	.....	27	204	.....	236	23	70	397	570	173
Millinery and lace goods.....	1909	7	323	3	13	307	163	319	20	147	338	550	218
	1904	4	377	3	30	344	.....	283	39	123	317	555	238
	1899	4	287	6	18	263	.....	279	28	95	297	524	227
Models and patterns, not including paper patterns.	1909	17	130	17	17	96	148	138	17	54	42	164	122
	1904	15	107	16	13	78	.....	71	8	40	20	101	81
	1899	6	115	5	8	102	.....	33	8	24	15	68	53
Paint and varnish.....	1909	6	239	3	67	169	775	1,176	77	85	975	1,395	420
	1904	6	179	4	34	141	.....	906	30	65	742	1,016	274
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Patent medicines and compounds and druggists' preparations.	1909	25	228	14	59	155	54	568	64	70	234	901	667
	1904	21	69	14	27	28	.....	152	23	11	68	171	103
	1899	18	.....	.....	17	40	.....	193	17	17	78	158	80

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

<sup>2</sup> Less than \$500.

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

<sup>4</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 AND CITY.	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>MILWAUKEE—Continued.</b>													
Photo-engraving.....	1909	7	215	3	49	163	55	\$103	\$44	\$125	\$42	\$291	\$249
	1904	5	132	2	27	103	.....	66	16	76	20	166	149
	1899	4	56	3	2	51	.....	22	2	27	8	51	43
Printing and publishing.....	1909	188	4,110	129	1,032	2,949	2,956	5,999	1,032	1,739	2,165	7,119	4,954
	1904	149	3,605	105	763	2,327	.....	4,503	711	1,495	1,774	5,980	3,906
	1899	119	2,911	93	380	2,432	.....	3,772	393	1,072	1,121	3,996	2,575
Stoves and furnaces, including gas and oil stoves.	1909	6	1,091	.....	235	1,456	1,032	3,005	225	822	1,133	2,740	1,552
	1904	4	713	.....	87	626	.....	1,662	95	405	529	1,289	760
Tobacco manufactures.....	1909	234	1,215	238	83	894	262	1,634	116	426	1,479	3,339	1,860
	1904	259	1,487	268	116	1,103	.....	1,642	130	478	1,155	3,507	2,352
	1899	236	1,243	243	57	943	.....	1,163	81	366	852	2,716	1,864
All other industries.....	1909	351	18,616	277	1,894	16,445	29,620	48,066	2,122	9,352	42,296	63,798	21,502
	1904	278	11,214	227	1,109	9,878	.....	36,891	1,217	4,765	20,937	34,669	13,682
	1899	292	.....	.....	1,533	9,303	.....	26,402	1,222	4,042	18,447	31,492	13,045

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

Appleton.....	1909	97	2,387	76	186	2,125	14,295	\$7,215	\$223	\$1,088	\$4,257	\$6,734	\$2,477
	1904	108	2,762	109	167	2,486	.....	6,833	197	1,217	4,026	6,672	2,646
	1899	88	.....	.....	108	1,561	.....	4,635	127	642	2,357	3,391	1,504
Ashland.....	1909	38	1,213	26	71	1,116	4,912	2,494	99	611	1,436	2,748	1,262
	1904	37	1,467	24	82	1,361	.....	2,730	93	735	2,192	4,210	2,018
	1899	41	.....	.....	62	1,812	.....	3,850	83	843	1,516	3,600	2,084
Beloit.....	1909	51	3,377	41	350	2,986	4,092	7,747	317	1,840	2,439	5,886	3,447
	1904	44	2,683	39	173	2,471	.....	3,739	196	1,435	1,835	4,485	2,650
	1899	43	.....	.....	115	1,845	.....	2,511	130	871	1,338	2,800	1,462
Eau Claire.....	1909	75	2,830	45	261	2,524	13,695	7,551	286	1,198	2,974	5,855	2,881
	1904	73	2,216	51	180	1,985	.....	3,623	180	851	1,799	3,602	1,803
	1899	64	.....	.....	116	1,758	.....	3,844	133	696	2,112	3,876	1,764
Fond du Lac.....	1909	97	3,064	76	281	2,707	4,393	6,803	361	1,297	5,074	8,227	3,153
	1904	85	2,590	82	242	2,560	.....	4,060	264	1,055	3,311	5,600	2,289
	1899	74	.....	.....	117	1,520	.....	2,384	117	542	1,635	2,861	1,226
Green Bay.....	1909	102	2,961	64	318	2,579	5,637	5,495	295	1,107	3,893	6,235	2,342
	1904	103	2,455	116	228	2,111	.....	3,749	208	879	2,696	4,873	2,177
	1899	79	.....	.....	103	1,427	.....	2,704	105	565	1,393	2,709	1,346
Janesville.....	1909	78	1,561	56	354	1,451	3,358	4,517	370	676	2,877	5,156	2,279
	1904	73	1,612	60	204	1,348	.....	3,445	220	600	2,050	3,840	1,790
	1899	72	.....	.....	170	1,398	.....	2,444	126	571	1,769	3,184	1,415
Kenosha.....	1909	62	7,038	58	531	6,449	14,484	23,099	368	3,838	14,773	23,182	8,409
	1904	45	4,627	36	237	4,354	.....	9,691	315	2,244	7,392	12,363	4,971
	1899	38	.....	.....	100	3,090	.....	5,899	185	1,303	5,023	7,334	2,311
La Crosse.....	1909	151	4,180	114	737	3,329	6,956	12,459	792	1,539	7,797	14,103	6,306
	1904	150	3,175	140	391	2,644	.....	6,834	401	1,065	4,725	8,139	3,414
	1899	131	.....	.....	299	2,763	.....	6,369	312	1,001	4,645	7,677	3,032
Madison.....	1909	116	2,468	189	487	1,792	2,551	5,460	533	1,059	2,337	5,467	3,130
	1904	84	1,892	74	342	1,476	.....	5,182	341	813	1,293	3,291	1,998
	1899	69	.....	.....	183	1,365	.....	3,475	159	598	1,138	2,689	1,551
Manitowoc.....	1909	80	1,224	72	227	1,525	4,371	6,764	240	767	3,963	5,939	1,976
	1904	76	1,508	63	124	1,321	.....	5,020	119	533	2,940	4,428	1,488
	1899	62	.....	.....	81	975	.....	2,421	78	359	836	1,935	1,039
Marinette.....	1909	43	1,618	34	93	1,491	6,470	3,284	126	701	1,703	3,309	1,606
	1904	37	1,753	30	78	1,645	.....	3,284	118	862	1,581	3,533	2,052
	1899	45	.....	.....	95	2,485	.....	4,367	136	1,014	1,714	4,411	2,697
Oshkosh.....	1909	159	6,494	131	585	5,778	10,890	9,611	677	2,570	7,081	14,739	7,658
	1904	134	5,284	120	324	4,840	.....	8,068	359	2,097	4,432	8,652	4,220
	1899	129	.....	.....	270	4,226	.....	7,053	265	1,628	4,282	8,081	3,799
Racine.....	1909	142	10,354	81	1,892	8,381	12,905	36,326	2,117	4,562	11,512	24,673	13,161
	1904	148	7,837	94	1,239	6,504	.....	26,434	1,271	3,155	7,143	16,459	9,316
	1899	135	.....	.....	845	6,138	.....	16,206	838	2,712	5,926	11,676	5,750
Sheboygan.....	1909	109	6,564	65	511	5,988	8,717	15,053	669	2,339	6,089	11,299	5,210
	1904	98	6,265	70	292	5,903	.....	12,289	358	2,095	5,553	9,751	4,198
	1899	86	.....	.....	198	4,992	.....	7,482	248	1,552	3,712	6,907	3,195
Superior.....	1909	99	2,113	82	184	1,847	6,536	6,028	225	1,087	4,272	6,574	2,302
	1904	72	1,578	61	174	1,343	.....	5,763	182	746	4,648	6,357	1,709
	1899	75	.....	.....	148	1,765	.....	5,691	164	787	5,026	6,835	1,809
Wausau.....	1909	67	2,353	48	193	2,092	6,786	5,794	224	990	3,325	6,287	2,962
	1904	58	2,143	42	156	1,945	.....	3,815	182	807	2,549	4,644	2,095
	1899	56	.....	.....	102	1,716	.....	2,774	109	611	1,908	3,381	1,473

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

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

3 Not reported separately.

4 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.

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 .....	9,721	213,426	8,556	6,066	12,955	3,266	182,583	De 192,527	Ap 173,561	(1)	(1)	(1)	(1)	(1)	564,179		
2 Agricultural implements .....	45	4,095	29	120	1,150	92	2,704	Fe 3,149	Au 2,304	2,814	2,726	46	42	.....	7,301		
3 Artificial stone .....	119	548	138	22	7	4	377	Je 539	Ja 163	528	527	1	.....	.....	669		
4 Automobiles, including bodies and parts .....	30	4,647	18	107	150	74	4,298	De 5,514	Ja 3,482	5,591	5,542	17	32	.....	3,153		
5 Blacking and cleansing and polishing preparations .....	11	199	9	9	34	32	115	Oc 127	Ja 102	127	109	5	12	1	153		
6 Bluing .....	3	9	4	.....	1	.....	4	De 6	Ja 3	6	4	2	.....	.....	2		
7 Boots and shoes, including cut stock and findings .....	68	5,962	26	120	274	111	5,431	De 5,694	Jy 5,173	5,695	3,284	1,021	287	203	2,923		
8 Boxes, cigar .....	7	215	6	7	13	3	186	No 205	Je 172	203	71	99	13	20	201		
9 Boxes, fancy and paper .....	15	907	7	28	33	15	824	No 963	Fe 719	968	265	526	50	20	331		
10 Brass and bronze products .....	33	1,430	18	54	93	26	1,289	De 1,517	Ap 1,060	1,520	1,486	13	20	1	6,102		
11 Bread and other bakery products .....	667	2,719	720	28	124	96	1,751	Oc 1,830	Fe 1,657	1,841	1,422	359	29	31	944		
12 Brick and tile .....	108	1,219	117	53	18	4	1,027	Je 1,914	Fe 280	1,413	1,381	1	31	.....	5,640		
13 Brooms .....	89	144	84	1	8	.....	101	Mh 106	De 95	112	102	6	4	.....	75		
14 Brushes .....	14	197	7	14	20	14	142	Je 159	Ja 123	158	116	25	14	3	109		
15 Butter, cheese, and condensed milk .....	2,630	5,161	1,864	244	131	59	2,863	Jy 3,443	Ja 2,015	3,277	3,183	71	23	.....	16,407		
16 Buttons .....	13	217	23	4	2	.....	188	De 236	Jy 154	236	194	42	.....	143			
17 Canning and preserving .....	83	2,044	27	155	66	20	1,776	Jy 6,560	Ja 292	4,845	3,291	1,398	88	68	4,015		
18 Carpets, rag .....	12	48	12	.....	1	2	33	Je 48	Ja 21	29	24	5	.....	32			
19 Carriages and wagons and materials .....	286	4,044	338	84	142	43	3,437	Oc 3,561	Ja 3,239	3,650	3,594	32	24	.....	6,426		
20 Cars and general shop construction and repairs by steam-railroad companies .....	22	9,419	.....	153	265	7	8,994	Au 9,383	No 8,774	8,868	8,800	8	.....	.....	4,196		
21 Cars and general shop construction and repairs by street-railroad companies .....	9	224	.....	5	2	2	215	De 224	Ja 201	215	204	8	2	1	711		
22 Chemicals .....	5	115	3	4	26	6	76	Se 85	Ja 68	76	63	13	.....	.....	495		
23 Clothing, men's, including shirts .....	94	4,841	74	89	352	74	4,252	No 4,626	Ap 4,027	4,630	1,031	3,392	17	190	691		
24 Clothing, women's .....	19	635	12	19	22	17	505	Mh 617	De 511	558	119	436	1	2	84		
25 Coffins, burial cases, and undertakers' goods .....	8	420	2	17	44	8	349	Mh 387	Jy 195	340	272	58	8	2	622		
26 Confectionery .....	38	2,262	22	57	326	77	1,780	Oc 2,156	Ja 1,611	1,982	500	1,087	78	317	1,327		
27 Cooperage and wooden goods, not elsewhere specified .....	48	1,315	38	35	27	7	1,208	Oc 1,487	Ap 688	1,546	1,519	13	14	.....	3,658		
28 Copper, tin, and sheet-iron products .....	105	3,253	114	104	213	42	2,780	De 3,097	Ja 2,628	3,116	2,549	534	18	15	2,325		
29 Cordage and twine and jute and linen goods .....	3	123	2	1	3	.....	117	Oc 156	My 93	121	48	49	24	.....	270		
30 Cutlery and tools, not elsewhere specified .....	16	160	13	11	12	6	118	De 136	Je 105	135	131	3	1	.....	516		
31 Dairymen's, poulterers', and apirists' supplies .....	22	614	16	20	30	22	526	Ap 649	De 429	598	582	16	.....	.....	964		
32 Dentists' materials .....	4	11	5	.....	.....	6	6	De 9	Jy 4	9	6	3	.....	.....	9		
33 Electrical machinery, apparatus, and supplies .....	30	1,904	16	110	308	61	1,409	De 1,674	Fe 1,287	1,679	1,570	98	11	.....	2,333		
34 Electroplating .....	13	67	15	4	1	3	44	De 51	Se 39	51	51	.....	.....	.....	195		
35 Fancy articles, not elsewhere specified .....	6	384	3	8	21	9	343	No 375	Ja 319	358	179	147	16	16	312		
36 Flour-mill and gristmill products .....	322	1,931	380	98	208	55	1,184	No 1,317	Jy 1,062	1,286	1,279	5	2	.....	31,903		
37 Food preparations .....	28	809	26	42	108	107	526	Au 759	Fe 428	604	462	113	10	19	2,738		
38 Foundry and machine-shop products .....	444	28,075	294	890	2,280	412	24,219	De 28,396	Fe 21,544	29,204	28,717	238	288	11	33,700		
39 Fur goods .....	40	524	38	17	33	23	413	No 530	My 807	515	227	280	5	3	197		
40 Furnishing goods, men's .....	13	90	13	9	7	2	59	No 80	Ja 36	87	9	78	.....	.....	36		
41 Furniture and refrigerators .....	114	12,161	50	288	565	160	11,118	No 11,983	Ja 10,122	12,092	11,235	408	369	80	18,607		
42 Gas and electric fixtures and lamps and reflectors .....	13	634	7	19	40	16	552	De 637	Ja 505	637	563	61	11	2	353		
43 Gas, illuminating and heating .....	49	1,505	100	84	165	93	1,083	Jy 1,172	Fe 925	1,042	1,033	9	.....	.....	3,278		
44 Gloves and mittens, leather .....	23	1,782	11	40	62	27	1,642	Jy 1,763	Ja 1,455	1,749	548	1,100	46	55	301		
45 Hats and caps, other than felt, straw, and wool .....	8	84	9	2	5	1	67	Je 73	Fe 58	68	48	20	.....	.....	10		
46 Hats, fur-felt .....	3	8	1	2	.....	.....	5	Oc 8	Ja 4	7	3	4	.....	.....	9		
47 Hosiery and knit goods .....	61	4,650	28	98	183	68	4,282	De 4,513	Ja 3,938	4,513	787	3,236	69	411	2,812		
48 Iron and steel, blast furnaces .....	5	817	.....	13	41	5	758	My 839	Au 581	804	804	.....	.....	.....	12,975		
49 Iron and steel, steel works and rolling mills .....	14	2,285	.....	40	112	9	2,124	De 2,604	Ja 1,731	2,574	2,565	.....	9	.....	10,064		
50 Jewelry .....	13	108	14	1	5	5	79	No 81	Mh 77	81	78	2	1	.....	23		
51 Leather goods .....	48	2,450	38	74	196	43	2,098	De 2,241	Jy 1,965	2,242	1,608	529	57	43	1,442		
52 Leather, tanned, curried, and finished .....	32	7,977	23	80	292	34	7,548	Fe 8,127	Se 7,106	7,722	7,388	301	33	.....	17,112		
53 Lime .....	43	875	25	47	24	3	778	Oc 954	Ja 477	840	837	3	.....	.....	1,984		
54 Liquors, malt .....	136	6,076	100	291	569	55	5,061	Jy 5,325	No 4,852	4,964	4,655	306	.....	.....	23,248		
55 Lumber and timber products .....	1,020	37,134	1,046	793	998	204	34,093	Fe 38,284	Ap 31,194	41,324	40,502	353	430	30	124,286		
56 Malt .....	25	584	12	57	43	16	456	Oc 538	Jy 358	534	532	1	1	.....	7,642		

1 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	\$605,657,324	\$525,746,835	\$11,763,339	\$13,973,537	\$93,904,808	\$13,147,679	\$333,208,904	\$1,334,976	\$11,497,415	\$2,624,700	\$44,291,477	\$590,305,538	\$243,948,955
2	21,540,057	9,591,055	234,064	1,179,261	1,505,778	100,997	3,836,339	51,518	101,274	.....	2,531,224	11,411,303	7,473,967
3	605,271	478,710	20,593	2,483	188,874	8,689	226,439	4,564	2,506	1,931	22,640	11,411,303	7,473,967
4	8,745,869	9,540,256	236,340	206,793	2,732,951	79,110	5,261,104	8,231	31,952	78,286	905,489	11,440,242	6,100,028
5	402,287	555,596	17,350	35,481	64,313	4,889	278,465	1,664	1,422	180	151,862	638,894	355,570
6	8,295	8,493	.....	750	2,314	90	4,675	220	12	.....	432	11,891	7,126
7	8,232,993	12,501,006	246,823	391,401	2,243,464	79,621	8,673,215	45,719	30,652	.....	790,111	13,602,234	4,849,398
8	334,280	249,989	11,360	9,890	56,000	3,953	134,910	660	1,528	125	31,464	283,022	144,160
9	1,079,774	1,115,501	48,744	30,285	262,365	10,750	628,440	22,089	5,195	1,910	105,723	1,317,889	678,199
10	4,968,137	4,941,469	113,842	102,281	750,666	128,935	3,385,510	9,218	17,388	1,675	431,975	5,397,273	1,872,319
11	4,485,748	5,618,067	44,412	135,497	929,245	182,700	3,870,261	93,174	24,822	354	367,602	6,871,589	2,848,628
12	2,532,998	985,201	45,840	14,504	509,507	232,766	48,956	2,188	14,860	2,978	113,602	1,101,379	909,687
13	143,493	259,363	488	7,356	53,063	1,598	188,510	1,025	987	1,600	5,036	312,847	122,739
14	242,900	214,156	14,976	16,006	52,130	3,405	76,578	5,082	938	71	44,970	249,487	169,504
15	9,785,640	51,057,595	133,206	83,221	1,877,048	467,607	47,538,563	33,678	43,828	20,274	860,620	53,843,249	5,837,610
16	172,784	184,243	6,276	1,413	76,959	3,682	88,228	4,498	5,777	.....	6,690	283,821	197,931
17	6,109,577	4,294,536	173,515	48,976	638,623	53,775	2,912,972	15,188	26,671	745	424,101	4,807,454	1,840,707
18	23,981	23,280	.....	2,658	11,202	913	6,636	1,090	185	11	1,595	38,515	81,966
19	13,706,422	8,147,998	184,431	197,150	1,929,904	101,389	5,061,210	11,852	72,248	2,027	587,787	8,899,171	2,736,572
20	3,278,734	14,331,183	186,923	211,346	5,234,248	312,197	8,363,991	.....	1,209	372	20,867	14,332,162	5,655,964
21	628,669	319,049	10,716	2,168	150,527	8,696	105,911	.....	5,240	.....	35,791	320,049	205,442
22	329,217	407,069	7,737	31,314	41,324	7,666	234,471	8,848	1,615	.....	74,094	513,099	270,962
23	6,705,652	8,656,178	218,631	369,612	1,462,786	37,743	5,410,464	64,111	22,640	480,901	559,290	9,405,184	3,956,977
24	405,684	849,223	30,922	44,061	186,495	4,840	497,826	15,095	1,181	.....	68,793	927,682	425,256
25	817,009	711,482	34,617	37,415	159,276	9,990	373,998	680	5,042	.....	90,464	754,248	370,280
26	2,835,766	4,104,242	118,762	325,710	512,657	46,847	2,620,128	29,332	18,114	.....	432,092	4,414,481	1,747,506
27	2,373,182	2,083,711	65,429	32,781	617,754	12,441	1,106,852	4,367	70,859	17,579	155,649	2,392,866	1,273,573
28	6,171,020	6,955,280	171,766	266,464	1,188,487	82,345	4,573,843	21,804	31,790	4,536	254,224	7,136,453	2,480,265
29	205,585	136,409	1,500	3,000	33,004	2,287	88,948	.....	1,381	.....	0,294	150,482	69,252
30	431,284	243,270	15,170	10,661	63,848	10,907	111,971	1,088	2,329	100	27,166	284,717	161,839
31	1,484,349	1,158,795	32,512	36,240	279,475	11,625	698,982	1,518	7,200	3,600	87,643	1,328,560	617,953
32	22,100	10,790	.....	.....	3,360	430	5,250	84	45	.....	1,621	13,450	7,770
33	4,686,083	3,235,659	194,762	337,529	819,998	75,368	1,375,211	14,449	20,541	2,072	395,729	3,835,800	2,385,221
34	55,718	50,593	4,888	970	23,141	4,031	11,199	2,840	150	.....	3,374	75,642	60,412
35	434,247	408,232	14,800	17,441	112,589	6,579	217,953	915	2,818	.....	35,137	477,177	252,645
36	10,662,623	29,514,889	146,188	225,301	695,192	218,164	26,820,064	28,086	71,970	.....	1,309,924	31,667,434	4,629,206
37	2,166,392	4,280,378	181,566	133,037	242,705	66,512	2,777,122	3,144	7,427	.....	868,865	5,534,531	2,690,897
38	86,898,335	46,374,342	1,975,972	2,315,254	14,600,622	1,290,334	21,243,402	87,072	296,694	25,951	4,539,141	54,124,000	31,590,284
39	1,328,150	1,333,029	24,740	41,013	219,392	6,888	919,777	32,439	5,664	.....	83,116	1,523,900	597,265
40	87,941	122,869	4,356	5,258	16,629	1,116	80,288	2,636	211	.....	12,395	135,927	54,543
41	21,228,968	17,077,661	604,905	680,465	5,136,231	207,280	8,588,033	26,166	122,489	1,870	1,711,222	18,655,535	9,880,222
42	790,766	1,320,752	35,206	34,936	358,367	15,013	692,290	11,026	1,814	.....	172,010	1,465,824	758,521
43	25,452,035	2,643,391	115,213	170,171	583,306	797,312	591,303	.....	221,987	2,620	161,479	4,000,981	2,612,366
44	2,053,895	2,538,120	74,859	70,608	572,525	15,392	1,621,248	15,734	7,000	2,171	168,582	2,798,537	1,161,897
45	58,404	110,641	2,400	5,298	34,814	1,063	60,458	2,465	216	.....	3,927	188,583	77,062
46	9,678	9,330	825	.....	3,608	216	3,507	696	12	.....	466	11,741	8,018
47	6,183,128	6,698,050	212,663	295,465	1,578,816	59,960	3,827,236	29,592	23,967	107,932	562,419	7,843,389	3,956,193
48	6,144,881	4,674,658	50,840	51,962	497,404	1,800,253	2,058,207	.....	35,147	.....	120,845	4,783,750	875,296
49	6,678,082	9,907,980	116,662	115,711	1,408,546	247,610	7,658,790	8,171	37,464	1,789	313,237	10,732,989	2,826,589
50	150,630	145,730	1,318	6,934	41,959	1,408	85,375	4,071	527	120	4,018	239,536	152,753
51	4,559,632	4,830,826	167,370	268,812	921,995	27,766	2,981,829	32,522	22,453	.....	408,079	5,382,030	2,372,435
52	49,412,042	41,986,149	302,100	395,124	3,987,767	386,034	34,442,551	8,227	262,381	.....	2,201,965	44,667,676	9,839,091
53	2,296,585	1,061,671	64,543	23,490	412,013	396,472	140,153	45	7,015	62	47,878	1,271,998	765,373
54	69,682,965	25,022,957	703,990	689,557	3,045,062	600,349	7,297,335	6,930	5,022,613	21,703	7,635,418	32,125,919	24,228,235
55	68,808,764	51,120,034	1,367,315	987,395	16,059,326	204,132	25,383,338	44,822	1,096,563	1,336,861	4,640,282	57,969,170	32,381,700
56	16,210,837	8,941,184	143,326	73,983	317,727	290,922	7,531,621	7,000	77,116	.....	499,489	9,597,440	1,774,897

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

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.	Maximum month.	Minimum month.						
1 Marble and stone work.....	136	2,898	148	61	80	16	2,503	Se	3,141	Ja	1,700	2,432	2,431	.....	1	.....	4,847
2 Mattresses and spring beds.....	21	603	12	26	47	14	504	No	562	Ja	431	551	449	.....	10	.....	917
3 Millinery and lace goods.....	7	323	3	7	5	1	307	Mh	522	Jy	123	322	114	197	1	10	163
4 Mirrors.....	5	97	1	7	1	1	87	Oc	93	Jy	82	92	92	.....	.....	.....	190
5 Models and patterns, not including paper patterns.	20	150	19	9	7	3	112	No	125	Ja	100	124	103	14	7	.....	190
6 Musical instruments and materials, not specified.	4	7	5	.....	.....	.....	2	Ja	2	De	2	2	2	.....	.....	.....	1
7 Musical instruments, pianos and organs and materials.	11	443	26	21	15	12	369	Se	407	Mh	298	387	371	8	8	.....	339
8 Optical goods.....	3	40	2	1	6	10	21	Ja	21	De	21	21	18	1	1	1	9
9 Paint and varnish.....	12	288	5	19	63	7	194	Ap	211	De	173	184	161	23	.....	.....	935
10 Paper and wood pulp.....	57	7,878	1	160	210	40	7,467	De	7,716	Ja	7,161	7,029	6,655	958	13	3	136,908
11 Paper goods, not elsewhere specified.	11	380	5	17	22	7	329	De	346	Je	319	344	201	124	3	16	744
12 Patent medicines and compounds and druggists' preparations.	62	616	53	50	173	71	269	No	301	Jy	230	313	112	196	3	2	219
13 Pens, fountain, stylographic, and gold	5	94	2	6	21	18	47	Jy	48	Ja	46	48	47	1	.....	.....	18
14 Photo-engraving.....	10	232	9	17	14	21	171	Ja	179	Jy	161	175	161	5	9	.....	66
15 Printing and publishing.....	833	7,860	864	349	905	382	5,360	De	5,632	Jy	5,246	5,038	3,878	1,449	204	107	5,293
16 Shipbuilding, including boat building	52	1,023	52	22	33	10	908	De	1,105	Mh	795	1,150	1,146	2	2	.....	3,506
17 Signs and advertising novelties.....	3	64	.....	6	20	2	36	Au	41	Fe	34	38	22	13	3	.....	52
18 Slaughtering and meat packing.....	48	2,263	56	41	216	60	1,890	Ja	2,690	Se	1,012	1,776	1,656	91	27	2	3,283
19 Stoves and furnaces, including gas and oil stoves.	12	2,116	1	46	218	48	1,803	Se	1,996	Ja	1,451	1,716	1,663	.....	53	.....	1,631
20 Surgical appliances and artificial limbs	9	49	9	6	2	4	28	Au	35	Ja	22	20	12	17	.....	.....	12
21 Tobacco manufactures.....	775	3,380	831	48	95	15	2,391	De	2,400	Je	2,322	2,530	1,851	666	13	.....	286
22 Woolen, worsted, and felt goods, and wool hats.	33	1,178	23	47	53	9	1,046	Je	1,115	Oc	975	1,116	452	597	25	42	3,459
23 All other industries <sup>1</sup> .....	522	11,279	476	448	914	241	9,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,834

<sup>1</sup> Same number reported throughout the year.  
<sup>2</sup> Same number reported for one or more other months.  
<sup>3</sup> All other industries embrace—

Artificial flowers and feathers and plumes.....	1	Charcoal.....	3	Flavoring extracts.....	11
Awnings, tents, and sails.....	16	Chocolate and cocoa products.....	1	Foundry supplies.....	1
Axle grease.....	1	Clocks and watches, including cases and materials.	1	Fuel, manufactured.....	1
Babbit metal and solder.....	2	Clothing, horse.....	5	Furs, dressed.....	8
Bags, other than paper.....	3	Clothing, men's, buttonholes.....	2	Galvanizing.....	1
Bags, paper.....	2	Coffee and spice, roasting and grinding.....	9	Glass.....	1
Baking powders and yeast.....	1	Coke.....	2	Glass, cutting, staining, and ornamenting.....	13
Baskets, and rattan and willow ware.....	4	Cordials and sirups.....	1	Glucose and starch.....	1
Beet sugar.....	4	Cork, cutting.....	1	Glue.....	2
Belting and hose, leather.....	2	Cotton goods, including cotton small wares.....	3	Gold and silver, reducing and refining, not from the ore.....	1
Bicycles, motorcycles, and parts.....	5	Drug grinding.....	1	Graphite and graphite refining.....	1
Billiard tables and materials.....	1	Dyestuffs and extracts.....	1	Grease and tallow.....	11
Boots and shoes, rubber.....	1	Emery and other abrasive wheels.....	2	Hair work.....	1
Butter, reworking.....	1	Enameling and japanning.....	2	Hammocks.....	3
Carpets and rugs, other than rag.....	1	Engraving and diesinking.....	1	Hand stamps and stencils and brands.....	4
Carriages and sleds, children's.....	6	Explosives.....	2	Hats, straw.....	1
Cars, steam-railroad, not including operations of railroad companies.....	2	Fertilizers.....	1	House-furnishing goods, not elsewhere specified.....	3
Cash registers and calculating machines.....	1	Files.....	2	Ice, manufactured.....	3
Cement.....	1	Fire extinguishers, chemical.....	1	Ink, writing.....	1
		Flags, banners, regalia, society badges and emblems.....	3		

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	\$3,743,141	\$3,571,179	\$108,788	\$87,000	\$1,826,537	\$72,743	\$1,144,258	\$14,279	\$18,182	\$7,785	\$291,657	\$4,113,905	\$2,896,904
2	1,632,766	1,345,240	43,435	42,599	241,262	15,302	843,079	6,322	7,009	11,117	135,115	1,443,505	585,184
3	319,141	519,368	13,748	6,209	146,829	5,117	332,490	2,067	1,718	.....	11,190	556,449	218,842
4	138,038	279,203	14,028	526	48,948	4,411	194,999	3,080	504	.....	12,707	315,040	116,530
5	168,716	151,080	10,132	8,109	65,222	5,094	40,860	5,137	600	1,757	14,169	185,432	130,478
6	6,130	4,982	.....	.....	1,980	42	2,469	360	8	.....	123	11,241	8,730
7	753,643	820,820	34,647	19,594	202,223	9,373	480,788	8,100	4,228	394	61,473	892,957	402,796
8	23,282	40,409	1,800	5,704	11,504	617	13,193	4,940	312	.....	2,279	52,338	38,528
9	1,260,288	1,852,236	45,938	47,153	99,127	15,173	1,027,500	4,836	4,766	71	107,672	1,525,896	483,223
10	33,737,744	22,746,558	484,297	246,771	3,891,469	1,610,021	15,076,544	2,060	299,600	23,164	1,106,032	25,962,099	9,269,534
11	598,413	867,576	48,630	18,268	121,700	9,450	585,672	11,423	3,125	.....	69,218	987,807	302,775
12	1,288,435	1,837,766	91,508	183,965	118,242	5,743	430,353	15,252	4,221	27,967	451,515	1,706,879	1,201,783
13	254,316	229,703	10,200	20,150	22,309	1,019	121,063	1,368	372	.....	53,222	248,811	126,229
14	115,583	272,814	25,223	21,649	130,205	6,596	39,481	7,907	320	13,966	28,277	312,180	200,103
15	10,763,425	9,863,531	628,645	876,191	2,913,124	150,555	3,235,501	228,581	55,674	360,598	1,414,752	11,860,644	8,474,588
16	3,024,759	1,542,168	41,615	27,435	540,181	36,288	782,250	2,456	18,587	1,872	91,484	1,899,622	1,081,084
17	47,840	65,416	5,935	8,652	14,384	1,985	24,653	360	157	300	8,990	76,541	49,903
18	6,629,094	25,843,283	114,105	271,467	1,041,772	130,301	23,273,134	31,060	23,894	10,000	947,550	27,216,864	3,813,429
19	3,985,662	3,802,692	90,198	216,807	1,002,084	62,534	1,506,417	3,875	18,833	573	400,971	3,737,206	2,168,255
20	69,016	92,531	7,200	1,965	10,889	729	52,350	3,037	294	120	15,947	100,731	47,652
21	2,995,217	5,123,009	80,442	106,209	1,106,095	26,586	2,480,823	59,168	704,696	389	558,601	6,141,786	3,634,377
22	2,573,827	2,000,125	73,570	52,981	380,927	47,291	1,328,566	3,812	14,852	.....	98,126	2,229,708	853,851
23	37,199,304	31,592,668	850,773	892,241	4,469,573	2,192,242	17,362,522	92,908	2,425,964	43,181	3,273,269	36,463,905	16,909,141

\* All other industries embrace—Continued.

Instruments, professional and scientific.....	4	Paving materials.....	1	Stereotyping and electrotyping.....	2
Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills.....	1	Photographic apparatus and materials.....	3	Straw goods, not elsewhere specified.....	1
Iron and steel forgings.....	1	Pottery, terra-cotta, and fire-clay products.....	3	Toys and games.....	3
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.....	1	Pumps, not including steam pumps.....	1	Type founding and printing materials.....	2
Kaolin and ground earths.....	2	Rubber goods, not elsewhere specified.....	3	Umbrellas and canes.....	3
Lead, bar, pipe, and sheet.....	1	Safes and vaults.....	1	Upholstering materials.....	14
Liquors, distilled.....	4	Sand and emery paper and cloth.....	1	Vault lights and ventilators.....	1
Liquors, vinous.....	1	Scales and balances.....	2	Vinegar and cider.....	7
Locking-glass and picture frames.....	5	Screws, machine.....	1	Wall paper.....	1
Matches.....	1	Shoddy.....	1	Wall plaster.....	3
Mats and matting.....	2	Show cases.....	2	Washing machines and clothes wringers.....	2
Mineral and soda waters.....	169	Smelting and refining, zinc.....	1	Wheelbarrows.....	3
Mucilage and paste.....	3	Smelting and refining, not from the ore.....	1	Windmills.....	7
Oil, essential.....	2	Soap.....	16	Window shades and fixtures.....	1
Oil, linseed.....	1	Soda-water apparatus.....	1	Wire.....	2
Oil, not elsewhere specified.....	7	Sporting and athletic goods.....	2	Wirework, including wire rope and cable.....	18
Paper patterns.....	1	Springs, steel, car and carriage.....	2	Wood distillation, not including turpentine and rosin.....	1
		Stationary goods, not elsewhere specified.....	2	Wood, turned and carved.....	24
		Statuary and art goods.....	6		
		Steam packing.....	4		

SUPPLEMENT FOR WISCONSIN.

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

MILWAUKEE.

INDUSTRY AND CITY.	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	1,764	68,933	1,472	1,789	4,966	1,224	59,502	46,981	10,118	2,403	64,212	50,710	10,927	1,128	1,447	94,254	
2 Artificial stone	9	95	2	9	4		80	80			82	82				238	
3 Boots and shoes, including cut stook and findings	26	3,268	13	46	163	63	2,973	1,579	1,037	357	3,085	1,037	1,078	198	172	1,481	
4 Bread and other bakery products	318	1,442	331	16	76	45	975	787	179	9	1,001	808	184	9		509	
5 Brooms	11	65	13				52	49	3		60	57				24	
6 Brushes	10	139	4	11	17	11	96	72	9	15	110	83	10	14	3	72	
7 Carriages and wagons and materials	23	205	31	3	1	2	168	168			171	171				310	
8 Clothing, men's, including shirts	66	3,096	61	46	203	44	2,682	787	1,751	164	2,959	845	1,033	15	160	344	
9 Clothing, women's	14	440	11	11	16	11	391	96	282	3	400	98	299	1	2	45	
10 Confectionery	14	1,560	8	25	255	58	1,214	291	605	318	1,356	325	676	73	282	910	
11 Cooperage and wooden goods, not elsewhere specified	14	560	7	11	5	3	226	226			257	257				439	
12 Copper, tin, and sheet-iron products	39	2,333	43	67	183	21	2,019	1,722	293	4	2,298	1,959	334	4	1	1,910	
13 Cutlery and tools, not elsewhere specified	6	15	7		2	1	5	5			6	6				9	
14 Electrical machinery apparatus and supplies	18	1,346	8	72	225	43	998	951	40	7	1,188	1,132	48	8		1,637	
15 Flour-mill and gristmill products	7	400	9	12	81	18	280	279		1	297	296		1		4,295	
16 Foundry and machine-shop products	125	9,618	62	317	651	107	7,881	7,739	55	87	9,387	9,219	69	99		9,305	
17 Fur goods	27	439	25	16	27	22	349	160	184	5	437	201	230	3	3	141	
18 Furniture and refrigerators	27	1,407	25	36	94	20	1,232	1,180	12	40	1,348	1,291	13	40	4	1,743	
19 Gas and electric fixtures and lamps and reflectors	8	187	5	10	27	10	135	118	13	4	156	136	15	5		69	
20 Gloves and mittens, leather	8	802	1	20	13	11	757	239	443	75	816	258	477	32	49	190	
21 Hats and caps, other than felt, straw, and wool	8	84	9	2	5	1	67	47	20		68	48	20			10	
22 Hosiery and knit goods	29	2,075	19	40	62	29	1,925	187	1,424	314	2,053	200	1,519	24	310	877	
23 Leather goods	23	1,455	26	32	109	21	1,287	804	314	89	1,401	955	348	50	48	620	
24 Leather, tanned, curried, and finished	12	5,166	10	40	191	22	4,903	4,595	291	17	4,953	4,642	294	17		9,931	
25 Liquors, malt	10	3,356	3	58	209	15	3,071	2,833	238		3,018	2,784	234			12,890	
26 Lumber and timber products	30	2,620	14	52	140	31	2,383	2,275	36	72	2,377	2,260	36	72		7,625	
27 Malt	6	192	5	15	22	4	146	146			188	188				2,475	
28 Marble and stone work	26	419	29	16	24	3	347	346		1	308	307		1		933	
29 Mattresses and spring beds	9	300	7	10	29	8	246	205	32	9	251	209	33	9		398	
30 Millinery and lace goods	7	323	3	7	5	1	307	109	188	10	322	114	107	1	10	163	
31 Models and patterns, not including paper patterns	17	130	17	7	7	3	96	78	12	6	109	88	14	7		148	
32 Paint and varnish	6	239	3	13	50	4	169	145	24		160	137	23			775	
33 Patent medicines and compounds and druggists' preparations	25	228	14	25	24	10	155	39	112	4	184	46	133	3	2	54	
34 Photo-engraving	7	215	3	15	14	20	163	149	5	9	166	152	5	9		55	
35 Printing and publishing	188	4,110	129	176	638	218	2,949	2,097	655	197	3,141	2,235	697	132	77	2,956	
36 Stoves and furnaces, including gas and oil stoves	6	1,601		30	175	30	1,456	1,399		57	1,305	1,254		51		1,032	
37 Tobacco manufactures	234	1,215	238	18	54	11	894	586	307	1	957	627	329	1		262	
38 All other industries <sup>1</sup>	351	18,616	277	485	1,106	303	16,445	14,373	1,546	526	17,837	15,594	1,676	240	318	29,620	

<sup>1</sup> All other industries embrace: Agricultural implements, 3; artificial flowers and feathers and plumes, 1; automobiles, including bodies and parts, 14; awnings, tents, and sails, 6; babbitt metal and solder, 1; bags, other than paper, 2; baking powders and yeast, 1; baskets, and rattan and willow ware, 2; belting and hose, leather, 2; bicycles, motorcycles, and parts, 3; billiard tables and materials, 1; blacking and cleansing and polishing preparations, 5; bluing, 1; boxes, cigar, 2; boxes, fancy and paper, 5; brass and bronze products, 24; brick and tile, 4; butter, cheese, and condensed milk, 2; buttons, 1; canning and preserving, 2; carpets, rag, 2; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam-railroad companies, 2; cars and general shop construction and repairs by street-railroad companies, 1; cash registers and calculating machines, 1; chemicals, 2; chocolate and cocoa products, 1; clocks and watches, including cases and materials, 1; clothing, horse, 3; clothing, men's, buttonholes, 2; coffee and spice, roasting and grinding, 7; coffins, burial cases, and undertakers' goods, 4; coke, 1; cordage and twine and jute and linen goods, 2; cordials and syrups, 1; cork, cutting, 1; dairymen's, poulterers', and apiarists' supplies, 1; electroplating, 7; engraving and die-sinking, 2; fancy articles, not elsewhere specified, 1; files, 1; fire extinguishers, chemical, 1; flags, banners, regalia, society badges and emblems, 2; flavoring extracts, 6; food preparations, 18; foundry supplies, 1; furnishing goods, men's, 5; furs, dressed, 4; galvanizing, 1; gas, illuminating and heating, 1; glass, 1; glass, cutting, staining, and ornamenting, 8; gold and silver, reducing and refining,

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

1 APPLETON	97	2,387	76	80	80	20	2,125	1,687	400	38	2,182	1,733	410	30	9	14,295	
2 ASHLAND	38	1,213	26	30	31	10	1,116	1,090	15	11	1,325	1,204	18	13		4,912	
3 BELOIT	51	3,377	41	71	224	55	2,986	2,774	188	24	3,475	3,228	220	21	6	4,992	
4 EAU CLAIRE	75	2,830	45	105	108	48	2,524	2,327	177	20	2,694	2,484	188	22		13,695	
5 FOND DU LAC	97	3,064	76	75	157	40	2,707	2,271	376	60	2,928	2,453	410	41	24	4,393	
6 GREEN BAY	102	2,961	64	100	157	61	2,579	2,267	273	39	2,479	2,187	257	19	16	5,637	
7 JENESVILLE	78	1,861	56	98	181	75	1,451	1,001	441	9	1,588	1,094	484	10		3,358	
8 KENOSHA	62	7,038	58	110	312	103	6,449	5,598	983	168	6,810	5,913	723	99	75	14,484	
9 LA CROSSE	151	4,130	114	211	432	94	3,329	2,370	896	63	3,620	2,576	974	30	40	6,956	
10 MADISON	116	2,468	189	113	268	106	1,792	1,593	170	29	1,969	1,750	188	18	13	2,551	
11 MANITOWOC	80	1,824	72	77	117	33	1,525	1,255	242	28	1,749	1,439	279	18	13	4,371	
12 MARINETTE	43	1,618	34	40	36	17	1,491	1,347	143	1	1,592	1,438	153	1		6,470	
13 OSHKOSH	159	6,494	131	173	328	84	5,778	4,602	774	312	6,346	5,130	860	211	136	10,890	
14 RACINE	142	10,354	81	324	1,329	239	8,381	7,132	1,106	143	9,346	7,953	1,237	129	27	12,005	
15 SHEBOGAN	109	6,564	65	166	265	80	5,988	5,030	683	275	6,481	5,440	741	188	103	8,717	
16 SUPERIOR	99	2,113	82	98	90	26	1,847	1,723	118	6	2,151	2,005	138	8		6,536	
17 WAUSAU	67	2,333	48	75	94	24	2,092	1,948	71	73	2,217	2,064	75	77	1	6,786	

# STATISTICS OF MANUFACTURES.

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.

### MILWAUKEE.

	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	\$219,391,145	\$186,088,635	\$4,028,382	\$5,377,098	\$31,436,626	\$4,745,256	\$115,876,187	\$825,681	\$5,746,451	\$851,321	\$17,201,653	\$208,323,630	\$87,702,207
2	180,167	128,438	9,203	808	46,538	3,192	56,626	2,510	686	1,536	7,339	160,846	101,028
3	5,311,899	7,119,117	114,332	219,623	1,235,158	42,988	4,907,493	26,854	18,036	.....	554,633	7,800,390	2,849,909
4	3,105,434	3,119,421	29,178	84,399	527,697	80,491	2,132,628	47,576	13,250	94	204,108	3,824,455	1,611,336
5	42,720	129,588	.....	.....	30,004	476	96,440	468	152	.....	2,042	143,702	46,870
6	134,934	107,361	11,943	12,674	36,945	2,162	58,667	4,842	520	71	39,537	195,028	134,209
7	383,462	507,946	7,500	782	102,614	6,734	369,516	4,075	2,389	853	13,483	565,681	180,431
8	4,565,147	5,803,593	133,601	288,924	974,772	24,870	3,442,297	56,213	15,622	463,696	403,598	6,277,945	2,810,778
9	247,445	605,887	21,740	35,487	139,276	3,023	348,721	12,963	761	.....	43,916	663,664	316,920
10	1,940,732	2,808,460	60,550	244,206	356,467	28,707	1,807,387	25,346	13,841	.....	331,946	3,063,335	1,227,241
11	517,112	534,485	19,253	5,479	127,639	3,492	346,314	3,820	3,455	1,251	23,782	540,791	190,985
12	4,711,915	4,955,217	118,941	226,670	859,530	56,966	3,457,059	14,063	25,897	524	195,537	5,330,209	1,810,184
13	13,360	16,718	.....	1,300	2,900	425	8,216	468	201	.....	2,708	22,625	13,084
14	3,656,353	2,250,406	138,301	233,843	598,204	60,302	867,630	12,609	16,452	572	322,312	2,748,556	1,820,624
15	2,949,847	7,783,017	27,504	75,823	178,530	55,277	7,057,672	12,936	15,821	.....	359,454	7,947,823	834,874
16	28,139,334	14,702,226	705,684	635,763	4,761,992	339,905	6,659,623	62,637	129,046	14,936	1,392,560	18,146,099	11,146,481
17	1,207,298	1,200,152	23,240	36,963	200,664	5,956	827,436	29,159	4,939	.....	72,395	1,360,497	527,705
18	2,471,294	1,922,636	86,353	100,669	637,908	28,187	845,597	26,942	14,880	600	181,491	2,212,912	1,339,128
19	347,894	434,363	16,456	22,860	79,176	4,545	256,812	9,578	957	.....	43,971	498,191	236,834
20	1,210,326	1,399,084	38,696	20,761	304,182	5,526	938,204	11,645	4,832	.....	75,238	1,503,267	559,537
21	58,404	110,641	2,400	5,298	34,814	1,063	60,468	2,465	216	.....	3,927	138,583	77,062
22	2,274,408	2,747,136	98,408	64,274	630,796	19,662	1,669,432	23,958	9,583	81	230,942	3,416,729	1,727,635
23	2,730,875	2,879,103	83,819	102,284	576,916	16,077	1,728,215	27,803	13,173	.....	271,816	3,169,177	1,425,885
24	27,437,628	26,346,400	157,717	250,274	2,637,100	212,718	21,255,080	9,950	191,451	.....	1,641,110	27,483,829	6,016,091
25	47,516,933	15,051,691	281,080	308,922	1,818,397	280,895	4,092,244	1,000	3,123,599	.....	5,144,984	19,643,242	15,270,133
26	6,008,983	5,663,044	122,095	141,248	1,206,908	25,045	3,765,874	14,467	38,817	48,402	300,123	6,053,377	2,262,458
27	9,052,547	3,171,504	57,241	43,070	105,927	127,031	2,597,168	.....	32,362	.....	208,705	3,482,538	758,339
28	1,204,787	775,404	29,632	20,294	290,533	15,907	300,722	1,739	5,549	2,000	103,023	861,842	545,213
29	964,232	706,311	14,450	23,048	113,290	7,533	449,966	5,225	3,958	40	88,825	760,310	302,811
30	319,141	519,368	13,748	6,209	146,829	5,117	332,400	2,067	1,718	.....	11,190	556,449	218,842
31	138,176	133,379	9,000	8,109	54,208	4,690	37,716	5,137	441	1,757	12,321	164,352	121,946
32	1,176,338	1,240,495	37,850	38,789	84,811	12,493	962,503	4,056	4,540	42	95,311	1,395,394	420,398
33	507,916	682,525	39,920	23,833	76,909	2,301	231,246	9,073	884	27,467	277,792	900,564	667,017
34	102,643	258,847	22,623	21,337	124,653	5,362	36,519	7,272	285	13,096	27,700	290,704	248,823
35	5,998,970	6,342,732	404,452	627,008	1,738,617	67,709	2,097,332	140,215	28,842	220,269	1,017,688	7,119,045	4,954,004
36	3,005,227	2,490,552	63,100	161,703	822,284	46,688	1,141,087	1,800	15,025	.....	238,865	2,739,749	1,552,024
37	1,633,622	2,844,906	42,340	73,285	425,728	10,915	1,468,114	28,110	463,390	124	332,900	3,339,473	1,860,444
38	48,063,644	58,476,513	985,372	1,137,979	9,354,414	3,132,376	39,165,657	191,552	1,530,872	53,910	2,924,381	63,797,117	21,499,084

not from the ore, 1; grease and tallow, 4; hair work, 1; hammocks, 1; hand stamps and stencils and brands, 3; hats, straw, 1; house-furnishing goods, not elsewhere specified, 1; ice, manufactured, 1; ink, writing, 1; instruments, professional and scientific, 2; iron and steel, blast furnaces, 2; iron and steel, steel works and rolling mills, 8; iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills, 1; iron and steel, forgings, 1; jewelry, 10; kaolin and ground earths, 1; lead, bar, pipe, and sheet, 1; liquors, distilled, 1; liquors, vinous, 1; looking-glass and picture frames, 4; mineral and soda waters, 8; mirrors, 3; mucilage and paste, 2; musical instruments and materials, not specified, 2; musical instruments, pianos and organs and materials, 8; oil, not elsewhere specified, 5; optical goods, 3; paper goods, not elsewhere specified, 4; pens, fountain and stylographic, 1; photographic apparatus and materials, 1; pottery, terra-cotta, and fire-clay products, 2; saufs and vaults, 1; screws, machine, 1; shipbuilding, including boat building, 6; shoddy, 1; slaughtering and meat packing, 2; smelting and refining, not from the ore, 1; soap, 10; soda-water apparatus, 1; sporting and athletic goods, 1; stationery goods, not elsewhere specified, 1; statuary and art goods, 6; steam packing, 1; stereotyping and electrotyping, 2; surgical appliances and artificial limbs, 7; toys and games, 2; type founding and printing materials, 2; umbrellas and canes, 2; upholstering materials, 1; wall plaster, 2; wheelbarrows, 1; wire, 1; wirework, including wire rope and cable, 9; wood, turned and carved, 7; woolen, worsted, and felt goods, and wool hats, 3.

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

1	\$7,215,315	\$5,929,523	\$134,780	\$88,425	\$1,088,181	\$298,436	\$3,958,309	\$11,530	\$118,744	\$16,437	\$214,666	\$6,734,405	\$2,477,660
2	2,494,290	2,355,140	63,587	35,473	610,886	376,219	1,110,003	4,613	44,429	.....	109,930	2,748,438	1,262,216
3	7,747,292	5,036,976	145,777	171,243	1,840,032	134,982	2,303,803	11,936	19,112	3,067	406,364	5,835,601	3,446,756
4	7,550,701	6,008,878	100,785	125,634	1,198,121	152,701	2,821,733	9,022	83,344	2,568	449,970	5,854,733	2,880,299
5	6,802,046	7,188,279	147,221	213,476	1,297,350	125,016	4,948,533	13,399	55,759	15,700	371,706	8,226,908	3,153,360
6	5,495,195	5,823,311	139,852	155,084	1,107,300	159,912	3,738,356	7,302	86,889	23,690	409,926	6,235,200	2,341,941
7	4,516,677	4,436,484	156,108	216,564	676,112	76,662	2,800,415	20,720	31,644	2,200	459,050	5,155,731	2,278,654
8	23,099,414	21,028,817	383,733	483,951	3,838,358	297,065	14,475,900	4,853	84,064	11,691	1,448,972	23,181,672	8,408,977
9	12,458,512	12,451,052	379,827	412,522	1,539,441	199,094	7,697,681	30,033	469,843	51,728	1,770,983	14,103,148	6,306,473
10	5,460,210	4,637,427	206,724	326,545	1,059,285	111,790	2,225,045	20,844	75,720	146,109	465,365	5,467,105	3,130,270
11	6,764,200	5,480,008	135,012	104,787	766,855	111,779	3,851,589	7,748	68,884	11	439,343	5,938,887	1,975,519
12	3,284,201	3,118,127	85,618	39,898	701,372	43,664	1,659,602	5,917	120,411	205,974	255,671	3,309,378	1,606,112
13	9,610,827	11,906,650	335,682	341,012	2,569,734	129,613	6,951,811	20,008	113,211	1,234	1,444,945	14,739,252	7,658,328
14	36,326,073	21,917,956	651,843	1,464,837	4,561,901	348,397	11,163,130	71,731	204,460	93,486	3,358,171	24,672,669	13,161,142
15	15,052,865	10,228,016	357,663	311,769	2,338,842	178,614	5,910,664	14,255	139,097	2,613	975,399	11,299,029	5,209,761
16	6,027,964	5,940,803	114,960	1,087,348	1,087,348	27,289	3,999,778	14,465	52,711	66	295,512	6,574,457	2,302,390
17	5,793,877	5,151,704	117,681	106,764	989,515	59,060	3,205,670	4,823	93,396	138,253	376,542	6,266,532	2,961,802

## 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 Wisconsin 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 WISCONSIN.

**Summary.**—Statistics for all mining enterprises in the state of Wisconsin are presented in Table 7, which gives statistics for all industries combined and for producing enterprises separately in all cases where the statistics could be given without disclosing the operations of an individual enterprise. Statistics for non-producing enterprises are also given separately from producing enterprises.

The gross value of the products of all mines and quarries in Wisconsin in 1909 was \$7,459,404. Deducting from this amount, \$156,000, the value of lead and zinc ore produced by some operators and used as material by others, leaves \$7,303,404 as the net value of the products. The principal industries were the production of iron ore and lead and zinc. The value of the products of these two industries, after deducting the ore purchased by the lead and zinc mines, was \$4,806,491, or 65.8 per cent of the net value of all products. Granite quarrying, the industry next in importance, reported products valued at \$1,433,105.

**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.

INDUSTRY AND CHARACTER OF ORGANIZATION.	PRODUCING ENTERPRISES: 1909						
	Number of operators.	Number of wage earners.	Value of products.		Percent distribution.		
			Total.	Per operator.	Operators.	Wage earners.	Value of products.
<b>All industries.....</b>	268	6,083	\$7,459,404	\$27,834	100.0	100.0	100.0
Individual.....	113	558	378,481	3,340	42.2	9.2	5.1
Firm.....	41	465	387,042	9,440	15.3	7.5	5.2
Corporation.....	114	5,070	6,693,881	58,718	42.5	83.3	89.7
<b>Lead and zinc....</b>	88	1,753	1,989,007	22,013	100.0	100.0	100.0
Individual.....	5	39	51,408	10,282	5.7	2.2	2.0
Firm.....	10	101	182,805	10,179	18.2	9.2	8.2
Corporation.....	67	1,553	1,775,634	26,502	76.1	88.6	89.2

	Incorporated.	Unincorporated.
Number of operators.....	114	154
Number of mines and quarries.....	126	160
Proprietors and firm members, total.....		216
Number performing manual labor.....		104
Salaried employees:		
Officers of corporations.....	54	
Superintendents and managers.....	108	8
Clerks and other salaried employees.....	88	10
Wage earners, Dec. 15, 1909, or nearest representative day.....	5,070	1,013
Capital.....	\$10,733,215	\$927,516
Expenses of operation and development.....	4,082,798	525,953
Salaries:		
Officers of corporations.....	48,650	
Superintendents and managers.....	131,652	6,992
Clerks and other salaried employees.....	67,689	4,050
Wages.....	2,705,000	376,200
Royalties and rent of mines.....	416,989	28,177
Taxes.....	59,537	3,238
Supplies and miscellaneous expenses.....	1,388,381	106,638
Cost of ore purchased.....	156,000	
Value of products.....	6,693,881	705,523

Out of a total of 268 operators, 114, or 42.5 per cent, were corporations. These corporations reported 89.7 per cent of the total value of products and employed 83.3 per cent of all wage earners. In the iron-ore industry all enterprises were conducted by corporations.

**Size of enterprises.**—In Table 3 the producing enterprises are classified according to the number of wage earners employed per enterprise or operating unit. Of the 269 enterprises reported, only 11 employed over 100 wage earners each. These enterprises, however, employed 39.4 per cent of all wage earners. In the production of iron ore the 4 enterprises reporting over 100 wage earners each, employed 86.7 per cent of the wage earners engaged in that industry.

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	PRODUCING ENTERPRISES: 1909			
	Enterprise.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
<b>All industries.....</b>	269	100.0	6,083	100.0
No wage earners.....	23	8.6		
1 to 5.....	94	35.0	218	3.6
6 to 20.....	82	30.5	1,110	18.3
21 to 50.....	45	16.7	1,400	23.0
51 to 100.....	14	5.2	952	15.7
Over 100.....	11	4.1	2,397	39.4
<b>Iron.....</b>	7	100.0	1,455	100.0
21 to 100.....	3	42.9	193	13.3
Over 100.....	4	57.1	1,262	86.7
<b>Lead and zinc....</b>	88	100.0	1,753	100.0
No wage earners.....	3	3.4		
1 to 5.....	13	14.8	43	2.5
6 to 20.....	40	45.5	554	31.6
21 to 50.....	27	30.7	820	47.1
Over 50.....	5	5.7	330	18.8

**Persons employed in mining.**—While iron mining was the leading industry in 1909, when measured by the value of products, the building stone quarries, producing granite, limestone, and sandstone, rank first when the number of persons employed is considered. Out of a total of 6,567 persons employed in the producing mines, 3,116, or 47.4 per cent, were employed in the stone industry, and only 1,517, or 23.1 per cent, in the iron industry.

**Prevailing hours of labor.**—In Table 4 all producing enterprises, except those employing no wage earners, 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.

The table shows a marked difference in the number of hours persons are employed in the different mining industries. In the lead and zinc mines, in 65 per cent of the enterprises weighted according to the number of wage earners, a day of 8 hours prevailed, while for all industries combined the corresponding per cent was only 23.5.

**Table 4**

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> .....	246	100.0	100.0
8 hours.....	80	32.5	23.5
7 hours.....	41	16.7	20.8
6 hours.....	125	50.8	55.7
<b>Lead and zinc</b> .....	85	100.0	100.0
8 hours.....	61	71.8	65.0
7 hours.....	22	25.0	32.3
6 hours.....	2	2.4	2.8

**Engines and power.**—As shown by Table 5, the aggregate horsepower employed in all producing enterprises was 24,864.

**Table 5**

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909				
	Total.	Iron.	Lead and zinc.	Build- ing stone. <sup>1</sup>	All other.
<b>Primary power:</b>					
Aggregate horsepower.....	24,864	8,975	8,757	6,581	551
<b>Owned</b> .....	24,340	8,975	8,097	6,123	551
Steam engines—					
Number.....	404	122	148	133	1
Horsepower.....	22,028	8,959	7,542	5,457	70
Gas or gasoline engines—					
Number.....	75	2	57	14	2
Horsepower.....	1,413	10	1,155	226	16
Water wheels—					
Number.....	6			4	2
Horsepower.....	905			440	465
Electric motors operated by purchased current—					
Number.....	16		2	14	
Horsepower.....	518		60	458	
<b>Electric motors run by current generated by enterprise using:</b>					
Number.....	72	1	63	8	
Horsepower.....	1,207	8	964	235	

<sup>1</sup>Includes granite, limestone, and sandstone.

**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 enterprises operated by governmental institutions, 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.

The most marked increase in the value of products was in the lead and zinc industry, where the increase was from \$473,652 in 1902 to \$1,833,907 in 1909. Other noticeable increases were in the production of iron ore, the value of which increased from \$1,800,864 in 1902 to \$2,972,584 in 1909, and in the production of granite, the value of which increased from \$369,137 in 1902 to \$1,433,105 in 1909.

**Table 6**

	PRODUCING ENTERPRISES.		
	1909	1902	Per cent of increase.
Wages and salaries.....	\$3,839,877	\$2,145,491	79.0
Supplies and materials.....	\$1,064,543	\$787,253	111.4
Royalties and rent of mines.....	\$445,101	\$240,110	85.4
Contract work.....	\$39,020	\$3,758	938.3
Value of products.....	\$8,575,402	\$4,257,685	101.4
Primary horsepower.....	26,848	12,011	123.5

<sup>1</sup> Exclusive of amount paid to miners compensated by a share of the product, which is included under "Contract work," in Table 7.

**Duplication between manufactures and mining.**—In a number of industries 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 Wisconsin involves a duplication of \$1,423,837. Of this amount, \$1,272,574 represented the value of granite duplicated, \$91,297 the value of limestone, and \$40,000 the value of sandstone, while quartz and graphite constituted the remainder of the duplication (\$19,966).

## DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 7	Aggregate.	PRODUCING MINES AND QUARRIES.							Nonproducing mines and quarries. <sup>2</sup>
		Total.	Iron.	Lead and zinc.	Granite.	Limestone.	Sandstone.	All other. <sup>1</sup>	
Number of operators.....	200	208	0	88	21	110	39	4	22
Number of mines and quarries.....	308	280	11	80	23	118	41	4	
Capital <sup>3</sup> .....	\$13,042,748	\$11,660,731	\$3,979,729	\$4,056,007	\$1,078,516	\$1,554,276	\$319,454	\$72,149	\$1,382,017
<b>Expenses of operation and development.....</b>	<b>\$5,614,672</b>	<b>\$5,508,761</b>	<b>\$1,798,695</b>	<b>\$4,016,103</b>	<b>\$1,287,914</b>	<b>\$646,729</b>	<b>\$140,702</b>	<b>\$18,648</b>	<b>\$105,921</b>
Services—									
Salaried officers of corporations, superintendents, and managers.....	\$196,843	\$186,724	\$20,215	\$72,173	\$43,675	\$26,512	\$13,049	\$1,280	\$10,110
Clerks and other salaried employees.....	\$74,460	\$71,748	\$41,300	\$5,043	\$7,635	\$11,765	\$1,440	\$1,019	\$2,712
Wage earners.....	\$3,128,028	\$3,081,350	\$870,977	\$714,735	\$979,038	\$423,661	\$84,278	\$8,670	\$40,660
Miscellaneous—									
Supplies.....	\$736,724	\$721,925	\$310,027	\$190,137	\$120,688	\$70,211	\$19,266	\$2,596	\$14,709
Cost of ore purchased.....	\$156,000	\$156,000	.....	\$156,000	.....	.....	.....	.....	.....
Fuel and rent of power.....	\$458,047	\$435,993	\$132,155	\$219,823	\$30,063	\$45,290	\$6,494	\$1,259	\$22,054
Royalties and rent of mines.....	\$445,186	\$445,140	\$209,872	\$160,484	\$7,020	\$5,280	.....	.....	\$40
Taxes.....	\$63,091	\$62,755	\$40,710	\$4,508	\$0,225	\$1,864	\$1,078	\$570	\$936
Contract work.....	\$45,301	\$40,957	\$20,600	\$14,730	\$4,218	\$1,405	\$204	.....	\$4,404
Rent of offices and other sundry expenses.....	\$310,332	\$306,144	\$77,733	\$81,270	\$81,543	\$40,786	\$12,478	\$3,334	\$4,188
<b>Value of products.....</b>	<b>\$7,459,404</b>	<b>\$7,459,404</b>	<b>\$2,972,584</b>	<b>\$1,989,907</b>	<b>\$1,433,105</b>	<b>\$842,110</b>	<b>\$200,236</b>	<b>\$21,456</b>	<b>.....</b>
<b>Persons engaged in industry.....</b>	<b>6,786</b>	<b>6,567</b>	<b>1,517</b>	<b>1,908</b>	<b>1,499</b>	<b>1,268</b>	<b>349</b>	<b>28</b>	<b>219</b>
Proprietors and officials.....	410	386	18	138	39	137	48	6	30
Proprietors and firm members.....	232	210	.....	50	14	111	30	5	16
Number performing manual labor.....	107	104	.....	24	0	55	18	1	3
Salaried officers of corporations.....	57	54	2	28	0	0	0	.....	8
Superintendents and managers.....	127	116	10	60	10	17	0	1	11
Clerks and other salaried employees.....	105	98	44	15	12	20	4	3	7
Wage earners, Dec. 15, 1909, or nearest representative day.....	6,265	6,083	1,455	1,753	1,448	1,111	297	10	182
Above ground.....	3,902	3,832	412	650	1,448	1,111	297	14	70
Below ground.....	2,363	2,251	1,043	1,203	.....	.....	.....	5	112
Men 16 years of age and over.....	6,269	6,077	1,455	1,753	1,448	1,165	297	10	182
Engineers, firemen, mechanics, etc.....	674	610	150	293	79	69	18	1	64
Above ground.....	634	585	132	286	70	69	18	1	49
Below ground.....	40	25	18	7	.....	.....	.....	.....	15
Miners, miners' helpers, quarrymen, and stonecutters.....	3,972	3,872	871	1,215	775	793	211	7	100
Above ground.....	1,931	1,914	70	63	775	793	211	2	17
Below ground.....	2,041	1,958	801	1,152	.....	.....	.....	5	83
All other employees.....	1,013	1,565	434	245	504	243	68	11	18
Above ground.....	1,331	1,327	210	201	504	243	68	11	4
Below ground.....	282	238	224	44	.....	.....	.....	.....	14
Boys under 16 years of age (all above ground).....	0	0	.....	.....	.....	.....	.....	.....	.....
<b>Number of wage earners employed on the 15th day of each month:</b>									
January.....	3,245	3,104	1,030	967	822	306	53	7	51
February.....	3,428	3,374	1,206	980	837	220	62	0	54
March.....	3,901	3,837	1,244	956	1,130	405	95	7	64
April.....	4,540	4,482	1,140	998	1,359	805	159	12	64
May.....	4,932	4,860	1,188	1,032	1,443	972	212	13	76
June.....	5,104	4,994	1,142	1,080	1,436	1,082	237	17	110
July.....	5,540	5,413	1,208	1,155	1,559	1,152	265	14	127
August.....	5,495	5,378	1,304	1,125	1,595	1,102	264	18	117
September.....	5,694	5,607	1,410	1,283	1,595	1,057	233	10	97
October.....	5,646	5,556	1,360	1,427	1,521	1,007	212	20	90
November.....	5,315	5,231	1,446	1,356	1,358	992	151	18	84
December.....	4,689	4,599	1,307	1,436	1,050	680	128	18	90
<b>Land controlled, acres.....</b>	<b>40,657</b>	<b>38,496</b>	<b>20,364</b>	<b>10,669</b>	<b>2,809</b>	<b>2,000</b>	<b>1,800</b>	<b>44</b>	<b>2,161</b>
Owned.....	20,260	25,858	17,023	11,544	2,732	2,670	1,370	4	402
Held under lease.....	14,397	12,638	2,771	0,125	167	111	424	40	1,759
Mineral land.....	25,057	22,896	8,083	10,445	710	2,113	1,472	44	2,161
Owned.....	11,872	11,470	6,364	1,480	552	2,022	1,424	4	402
Held under lease.....	13,185	11,426	1,719	8,965	167	111	448	40	1,759
Timber land.....	4,313	4,313	4,103	120	.....	.....	30	.....	.....
Other land.....	11,287	11,287	8,148	104	2,180	557	298	.....	.....
<b>Primary horsepower.....</b>	<b>26,885</b>	<b>24,864</b>	<b>8,975</b>	<b>8,757</b>	<b>2,512</b>	<b>3,433</b>	<b>636</b>	<b>551</b>	<b>2,021</b>

<sup>1</sup> Includes operators as follows: Clay, 1; graphite, 1; pyrite, 1; quartz, 1.

<sup>2</sup> Includes operators as follows: Granite, 1; graphite, 1; iron, 1; lead and zinc, 10.

<sup>3</sup> Exclusive of capital which could not be distributed by states because it was reported in one lump sum by operators having mining investments in two or more states.