

SUPPLEMENT FOR MINNESOTA



POPULATION
AGRICULTURE
MANUFACTURES
MINES AND QUARRIES

75081°—13—37

(565)

CHAPTER 1.

NUMBER OF INHABITANTS.

Introduction.—This chapter gives the population of Minnesota, 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 Minnesota, 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, except the few that are numbered, is alphabetical. The figures for 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. This is due in part to the fact that territorial changes have been made in the minor civil divisions of certain counties since 1890, which make it impossible to give in every case the population in 1900 and in 1890 of divisions returned in 1910. In other cases certain divisions returned separately at one census were returned in combination with other divisions at another census, while other divisions returned independently at one census were returned as secondary divisions at another census. Six Indian reservations and parts of two others, all returned independently in 1900, have been opened to settlement, their population in 1910 being included in divisions of which they have been made a part since 1900, or returned by divisions not recognized in 1900. For

10 counties no comparable figures for 1890 can be given by minor civil divisions. Four of these have been organized since that date; for three, population was not returned by minor civil divisions in 1890; for two, the information is incomplete; and one has been redistricted since 1890. For four other counties, the only comparable figures that can be given for 1890 are those of certain cities or villages.

Table 2 (p. 595) shows the cities, the incorporated villages, and the one incorporated borough in Minnesota, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of Minnesota, 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.

HISTORICAL NOTE.—Minnesota is named from the river which crosses the southern part of the state in an easterly direction. The name is of Indian origin and signifies "sky-colored (cloudy or hazy) water."

Explorations in the region now constituting Minnesota were made by the French as early as 1659-60, when Groseilliers and Radisson visited the Mille Laes region. In 1686 Nicolas Perrot took formal possession of the country in the name of the King of France. Although fur traders had been in the Minnesota region for more than a century, the first permanent settlement appears to have been that made near Fort Snelling in 1826 by Swiss refugees from Lord Selkirk's colony at Pembina, now in North Dakota. The fort itself, at first called Fort St. Anthony, had been established in 1819.

In 1762 the French possessions west of the Mississippi, then known as Louisiana, were ceded to Spain, in 1800 Louisiana was retroceded to France, and in 1803 it was purchased by the United States. The French possessions east of the Mississippi were ceded to England in 1763, and at the close of the Revolution all of the present area of Minnesota lying northeast of the Mississippi became a part of the United States.

The section of the Minnesota country included in the Louisiana Purchase belonged successively to the district of Louisiana, organized in 1804, to Louisiana territory, organized in 1805, and to Missouri territory, organized in 1812. In 1834 it was added to Michigan territory, in 1836 it was made a part of Wisconsin territory, and in 1838 it was included in the territory of Iowa. That part of Minnesota northeast of the Mississippi was embraced within the Northwest Territory from the organization of that territory in 1787 until 1800, when it was made a part of the territory of Indiana. In 1809 it was attached to Illinois territory; in 1819 it was added to the territory of Michigan; and in 1836 it was included in the territory of Wisconsin. Upon the admission of Iowa and Wisconsin as states of the Union, in 1846 and 1848, respectively, the Minnesota country was left without an organized government. In 1849 the territory of Minnesota was formed, with northern, eastern, and southern limits as at present, but bounded on the southwest and west by the Missouri and White Earth Rivers, thus including more than half the area of the present states of North and South Dakota. In May, 1858, Minnesota, with boundaries as at present, became a state of the Union.

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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 territory according to the conditions as *they existed* at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and over 2,500 in 1910 is classed with the rural population for 1900 and with the urban for 1910.

On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their *rate of growth*, it is necessary to consider the changes in population for the *same* territory which have occurred from one decennial census to another. For this purpose the territory which in 1910 was urban or rural, as the case may be, is taken as the basis, and the population in 1900 for the same territory (so far as separately reported at that census) is presented, even though part of the territory may, on the basis of its population at the earlier census, have then been in a different class. This avoids the disturbing effect on comparisons which would arise from the passage, for example, of communities formerly classed as rural into the urban group. These two distinct forms of comparison are made in Table I of Chapter 2 for the state as a whole and for each county separately for the last two Federal censuses.

TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

Population of the state.—The population of Minnesota is 2,075,708. Compared with a population of 1,751,394 in 1900, this represents an increase during the last decade of 324,314, or 18.5 per cent. During the same period the total population of the United States increased 21 per cent. The growth of the state during the last decade, although substantial,

was slower than during any previous decade. The following table shows the population of Minnesota at each Federal census from 1850 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	2,075,708	324,314	18.5	21.0
1900.....	1,751,394	441,111	33.7	20.7
1890.....	1,310,283	529,510	67.8	25.5
1880.....	780,773	341,067	77.6	30.1
1870.....	439,706	267,683	155.6	22.6
1860.....	172,023	165,946	2,730.7	35.6
1850.....	6,077	.....	.....	.....

¹ Includes population (8,487) of Indian reservations specially enumerated.

Minnesota was organized as a territory in 1849 and appears in the Federal census reports for the first time in 1850. During the decade 1850–1860 its population increased from 6,077 to 172,023, and during the 30 years 1860–1890, the growth continued at a rapid rate. For each succeeding decade during this period the absolute increases were greater, although the percentage increases declined from 155.6 to 67.8. In the decade 1890–1900 the percentage increase dropped to 33.7 and in the following decade to 18.5, the absolute increases as well as the rate showing a decline at the censuses of 1900 and 1910.

The rate of growth for the state has been higher than for the country as a whole during every decade except the last. During the decade 1890–1900 the rate for the state was about one and one-half times that for the United States. In the earlier decades the excess was much greater.

Principal cities.—Minnesota has 81 cities. Minneapolis, the largest, has a population of 301,408, and St. Paul, the second city, a population of 214,744. Duluth, with a population of 78,466, is the only other city in the state having over 25,000 inhabitants. There are 5

cities having from 10,000 to 25,000, 14 having from 5,000 to 10,000, 22 having from 2,500 to 5,000, and 37 having less than 2,500 inhabitants. The aggregate population of the 81 cities is 889,763, or 42.9 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 eight cities having in 1910 over 10,000 inhabitants, as reported at each Federal census since their incorporation either as cities or towns, so far as figures are available, together with the increase during each decade.

Of the percentages of increase for these cities during the last decade, that for Virginia, 253.6, is highest and that for St. Cloud, 22.4, lowest, while Stillwater, Wirona, and Mankato show decreases of 17.2, 5.7, and 2.2, respectively.

Minneapolis and St. Paul from the time of their incorporation as towns in 1856 and 1849, respectively, to 1890 each showed a very rapid growth. The rate of increase for Minneapolis did not fall below 250 per cent for any decade between these years. The rates for St.

CITY AND CENSUS YEAR.	Population.	INCREASE ¹ OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE ¹ OVER PRECEDING CENSUS.	
		Number.	Per cent.			Number.	Per cent.
Duluth:				St. Paul:			
1910.....	78,466	25,497	48.1	1910.....	214,744	51,679	31.7
1900.....	52,969	19,854	60.0	1900.....	163,065	29,909	22.5
1890.....	33,115	32,277	3,851.7	1890.....	133,156	91,683	221.1
1880.....	838	-2,293	-73.2	1880.....	41,473	21,443	107.1
1870.....	3,131	3,061	3,813.8	1870.....	20,030	9,629	92.6
1860.....	80			1860.....	10,401	9,289	835.3
				1850.....	1,112		
Mankato:				Stillwater:			
1910.....	10,365	-234	-2.2	1910.....	10,198	-2,120	-17.2
1900.....	10,699	1,761	19.9	1900.....	12,318	1,058	9.4
1890.....	8,838	3,288	59.2	1890.....	11,260	2,205	24.4
1880.....	5,650	2,068	59.4	1880.....	9,055	4,931	119.6
1870.....	3,482			1870.....	4,124	1,744	73.3
				1860.....	2,380		
Minneapolis:				Virginia:			
1910.....	301,408	98,690	48.7	1910.....	10,473	7,511	253.6
1900.....	202,718	37,980	23.1	1900.....	2,962		
1890.....	164,738	117,851	251.4				
1880.....	46,887	33,821	258.8	Winona:			
1870.....	13,066	10,502	409.6	1910.....	18,583	-1,181	-5.7
1860.....	2,564			1900.....	19,714	1,506	8.3
				1890.....	18,208	8,000	78.4
St. Cloud:				1880.....	10,208	3,016	41.9
1910.....	10,690	1,937	22.4	1870.....	7,192	4,728	191.9
1900.....	8,663	977	12.7	1860.....	2,464		
1890.....	7,686	5,224	212.2				
1880.....	2,462	301	13.9				
1870.....	2,161						

¹ A minus sign (-) denotes decrease.

² Excludes in 1880 Duluth village (population 2,645), set apart by act of legislature, Feb. 23, 1877, but which again became part of the city by the act of Mar. 2, 1887.

Paul varied greatly, the lowest one, that for 1860-1870, being 92.6 per cent. During the last 20 years the growth of these two cities, while rapid, was slower than in previous years. The increase in each during the last decade was, however, considerably more rapid than during the decade 1890-1900. During the last 30 years the population of Duluth increased from 838 in 1880 to 78,466 in 1910.

Counties.—Minnesota has 86 counties. The population of these counties ranges from 1,336 in Cook County to 333,480 in Hennepin County.

The following territorial changes have been made in the counties of Minnesota since 1900: Part of Beltrami County was taken in 1903 to form Clearwater County; part of Itasca County was taken in 1906 to form Koochiching County; part of Norman County was taken in 1906 to form Mahnomen County; and part of Red Lake County was taken in 1910 to form Pennington County. The White Earth Indian Reservation, which has been opened to settlement since 1900, was returned in 1910 as part of Becker, Clearwater, and Mahnomen Counties.

Owing to the distribution of White Earth Indian Reservation and to the organization since 1900 of 4 new counties from parts of other counties, as shown above, the comparison of increase or decrease in population is made for only 77 counties, four combinations of counties, and one combination of a county with part of an Indian reservation. The combinations are Pennington County with Red Lake, Koochiching with Itasca, Mahnomen and part of White Earth Indian Reservation with Norman, Clearwater and part of White Earth Indian Reservation with Beltrami, and Becker with part of White Earth Indian Reservation. In order to determine the actual rate of increase for the territory covered by these counties, it is necessary to add the population of each new county to that of

the old county from which it was formed. In each of the last three combinations above mentioned, the estimated population in 1900 of that portion of the White Earth Indian Reservation which was taken to form the new county must be considered in obtaining a base upon which to compute the increase in population. Fifty counties and four of the combinations increased in population during the last decade. The rates of increase for the 50 counties ranged from 1.3 per cent in Pope County to 96.9 per cent in St. Louis County, and the absolute increases of the same group of counties ranged from 169 in Pope County to 105,140 in Hennepin County. The combinations of Clearwater County and part of White Earth Indian Reservation with Beltrami, and Koochiching with Itasca, showed increases of 131 and 416.9 per cent, respectively; Pennington with Red Lake and Becker with part of White Earth Indian Reservation increased less rapidly, 30.7 and 18.6 per cent, respectively. Twenty-seven counties and one combination decreased in population during the last decade, the rates of decrease ranging from five-tenths of 1 per cent in Carver County to 9.5 per cent in Faribault County, and the absolute decreases from 89 in Carver County to 2,926 in Blue Earth County. The population of the combination of Mahnomen County and part of White Earth Indian Reservation with Norman County decreased 5, or less than one-tenth of 1 per cent. The aggregate increase of population from 1900 to 1910 in the 50 counties and the four combinations that showed an increase was 350,247; the aggregate decrease of population in the 27 counties and the one combination that showed a decrease was 25,933. The difference, 324,314, 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 Minnesota 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 80,858 square miles. The average number of persons to the square mile in 1910 was 25.7; in 1900 and 1890 it was 21.7 and 16.2, 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 inhabitants or more, but not excluding the land area of such places.

St. Louis County, with 6,503 square miles, has the largest area, and Ramsey County, with 161 square miles, has the smallest area. Ramsey County, containing the city of St. Paul, has the highest density of any county, namely, 1,389.3 persons per square mile, while Cook County has the lowest density, namely, 0.9.

Minor civil divisions.—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." In Minnesota the counties are divided into 2,371 primary divisions, comprising 1,814 townships, 475 villages, 81 cities, and 1 borough. There are also 87 secondary divisions, all of which are villages. These secondary divisions usually form parts of townships, but one village is coextensive with the township in which it is located. In addition to the minor civil divisions above enumerated there are 329 unorganized townships, 73 of which have no population reported, 2 islands, 1 angle, and 4 Indian reservations in the state. These 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 Minnesota at the Federal censuses of 1910, 1900, and 1890, respectively, distributed among cities, villages, and boroughs 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.....		2,075,708		1,751,394		1,310,283	100.0	100.0	100.0
Urban territory.....	43	850,294	37	598,100	23	443,049	41.0	34.1	33.8
Cities and villages of—									
100,000 inhabitants or more.....	2	516,152	2	305,783	2	207,894	24.9	20.9	22.7
50,000 to 100,000 inhabitants.....	1	78,466	1	52,060			3.8	3.0	
25,000 to 50,000 inhabitants.....	5	60,210	3	42,631	1	35,115			2.5
10,000 to 25,000 inhabitants.....	10	115,083	11	72,036	2	20,408	2.9	2.4	2.2
5,000 to 10,000 inhabitants.....	24	80,374	20	64,651	6	40,362	5.5	4.1	3.1
2,500 to 5,000 inhabitants.....					12	42,210	3.9	3.7	3.2
Rural territory.....		1,225,414		1,153,294		1,867,234	59.0	65.9	66.2
Cities, villages, and boroughs of less than 2,500 inhabitants.....	596	326,166	414	293,042	242	152,347	15.7	15.0	11.6
Other rural territory.....		899,248		860,252		1,714,887	43.3	50.8	54.6

¹ Includes population (8,457) of Indian reservations specially enumerated.

As shown by the above table, the urban territory of the state in 1910—that is, the cities and incorporated villages of 2,500 inhabitants or more—contained 850,294 inhabitants, or 41 per cent of the total population, while 1,225,414 inhabitants, or 59 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the cities and incorporated villages then having 2,500 inhabitants or more—contained 598,100 inhabitants, or 34.1 per cent of the total population, while 1,153,294 inhabitants, or 65.9 per cent, lived in rural territory. There has thus been a considerable increase in the proportion of urban population. The proportions urban and rural in 1890 were very nearly the same as in 1900. 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.

In 1910 the two cities in the state having over 100,000 inhabitants, Minneapolis and St. Paul, con-

tained about one-fourth, or 24.9 per cent, of the total population of the state, and more than one-half of the urban population. In 1900 and in 1890 the percentages of the population in these two cities were 20.9 and 22.7, respectively. The proportion of the population of the state in the urban places outside of St. Paul and Minneapolis increased from 11.1 per cent in 1890 to 13.3 per cent in 1900 and to 16.1 per cent in 1910; the greater part of the increase being in the two smaller urban groups.

The urban population of the state is contained in 44 cities and 4 villages. Of the total population, 59 per cent is classed as rural, 15.7 per cent being contained in 596 incorporated places of less than 2,500 inhabitants each and 43.3 per cent in unincorporated territory. The 596 places of less than 2,500 inhabitants each have an aggregate population of 326,166. These places comprise 95 having from 1,000 to 2,500 inhabitants each, with a combined population of 147,170; 119 having from 500 to 1,000 inhabitants each, with a com-

bined population of 83,747; and 382 having less than 500 inhabitants each, with a combined population of 95,249.

The table on page 570 shows also that in all incorporated places, including those of less than 2,500 inhabitants, there was in 1910 a population of 1,176,460, or 56.7 per cent of the population of the state. The population of all incorporated places, as they existed in 1900, was 861,142, or 49.2 per cent of the population of the state.

Table I of Chapter 2 shows that 25 counties had a larger proportion and 6 counties a smaller proportion of urban population in 1910 than in 1900. Three counties and three combinations which were wholly rural in 1900 were partly urban in 1910, and three counties which were partly urban in 1900 were wholly rural in 1910, while 40 counties and two combinations 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 next table, the total population in 1910 of the cities and villages which at that time had 2,500 inhabitants or more was 850,294; in 1900 the total population of these same places (so far as separately reported) was 613,595. It may be noted that the latter figure exceeds the total population in 1900 of the cities and villages which at that time had over 2,500 inhabitants each, 598,100 (see table on p. 570), by 15,495. The difference is the net result of the passage, since 1900, of certain communities from the rural to the urban class and vice versa.

A comparison of the total population in 1910 of cities and villages having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the next table, shows an increase of 38.6 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 7.7 per cent. Urban population thus increased more than five times as rapidly as rural. For the United States as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent. As shown by Table I of Chapter 2, there are 32 counties and one combination in Minnesota in which the population living in rural territory decreased, and 6 counties in which there was a decrease in the urban population during the last decade, Blue Earth, Nicolett, Waseca, and Winona being the only counties that decreased in population in both rural and urban districts.

In the following table the population for the state as a whole is distributed so as to show, for 1910 and 1900, the combined population of the cities having in 1910, 25,000 inhabitants or more, the combined population of cities and villages having in 1910 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.....	2,075,708	1,751,384	324,314	18.5
Urban territory in 1910.....	850,294	613,595	236,699	38.6
Cities of 25,000 inhabitants or more in 1910.....	594,618	418,752	175,866	42.0
Cities and villages of 2,500 to 25,000 inhabitants in 1910.....	255,676	194,843	60,833	31.2
Remainder of the state.....	1,225,414	1,137,799	87,615	7.7

From this table it appears that both groups of urban communities increased in population during the last decade more rapidly than the state as a whole, the rate of increase for cities of over 25,000 inhabitants being more than double, and that for cities and villages of 2,500 to 25,000 inhabitants a little more than one and one-half times the rate for the state as a whole. The population in rural territory, on the other hand, increased not quite one-half as rapidly as that of the state as a whole.

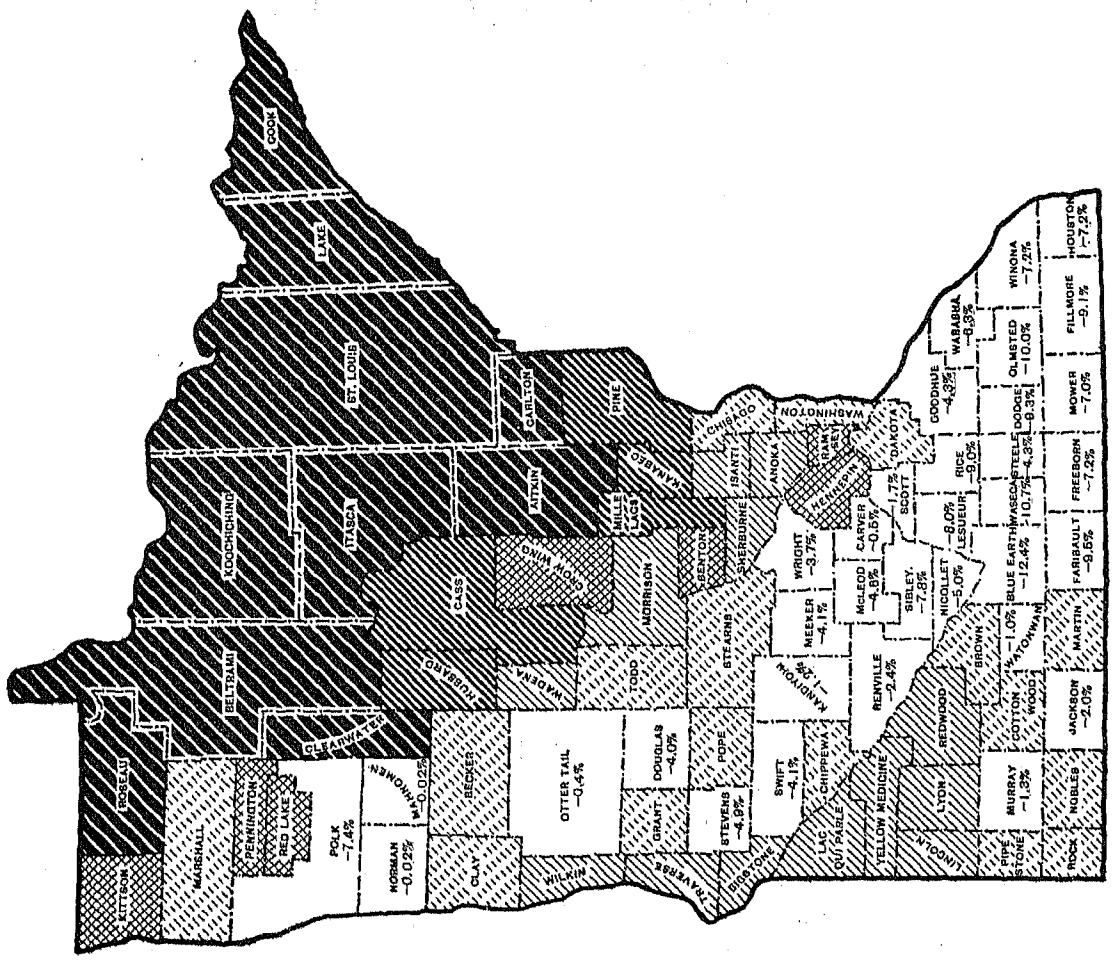
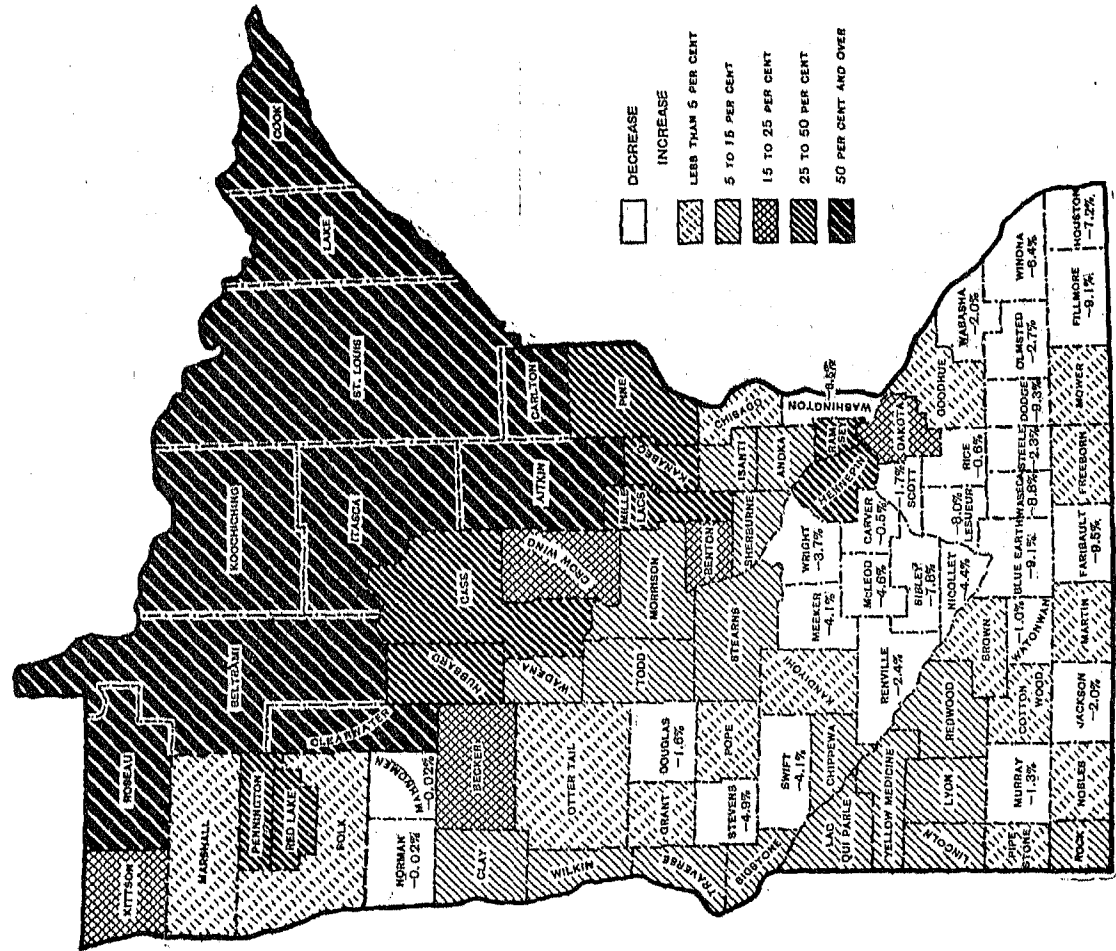
Of the total increase in the population of the state during the decade, namely, 324,314, a little more than one-fourth was in rural territory and more than one-half was in places of over 25,000 inhabitants.

PER CENT OF INCREASE OR DECREASE OF POPULATION OF MINNESOTA, BY COUNTIES: 1900-1910.

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

TOTAL POPULATION.

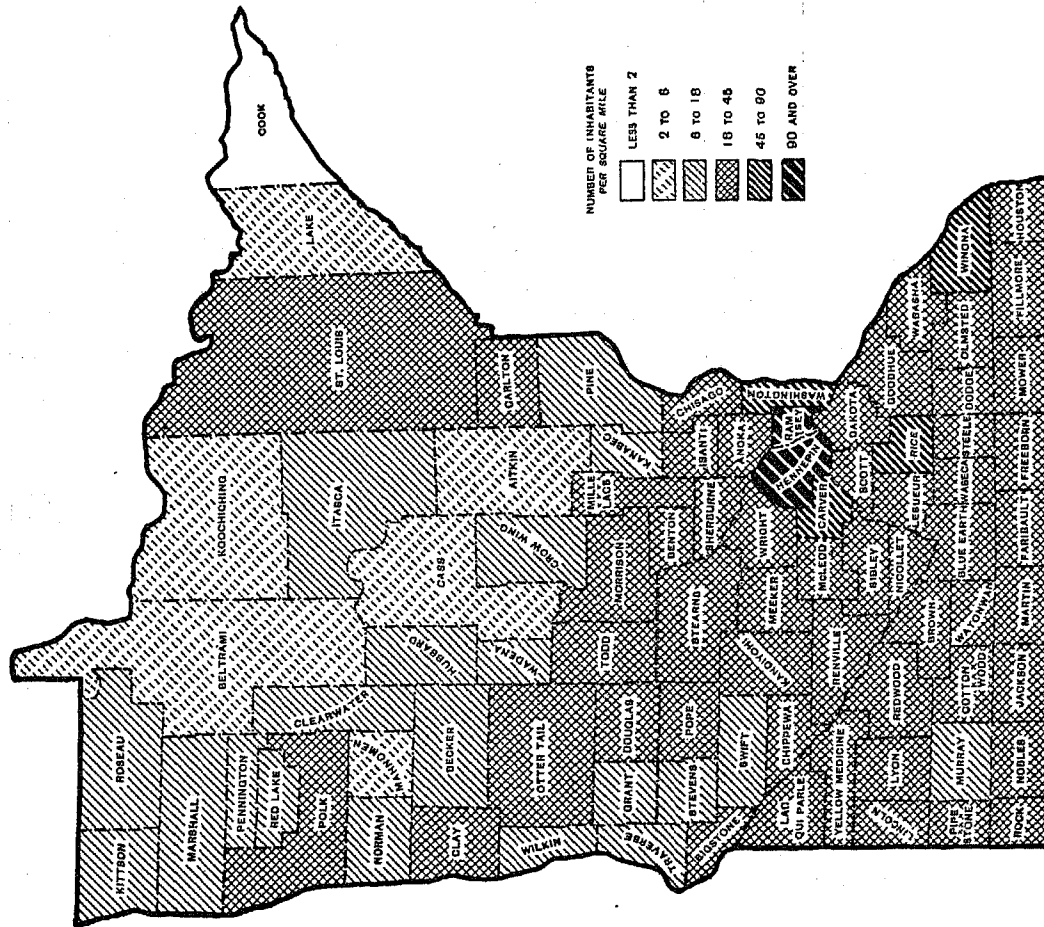
RURAL POPULATION.



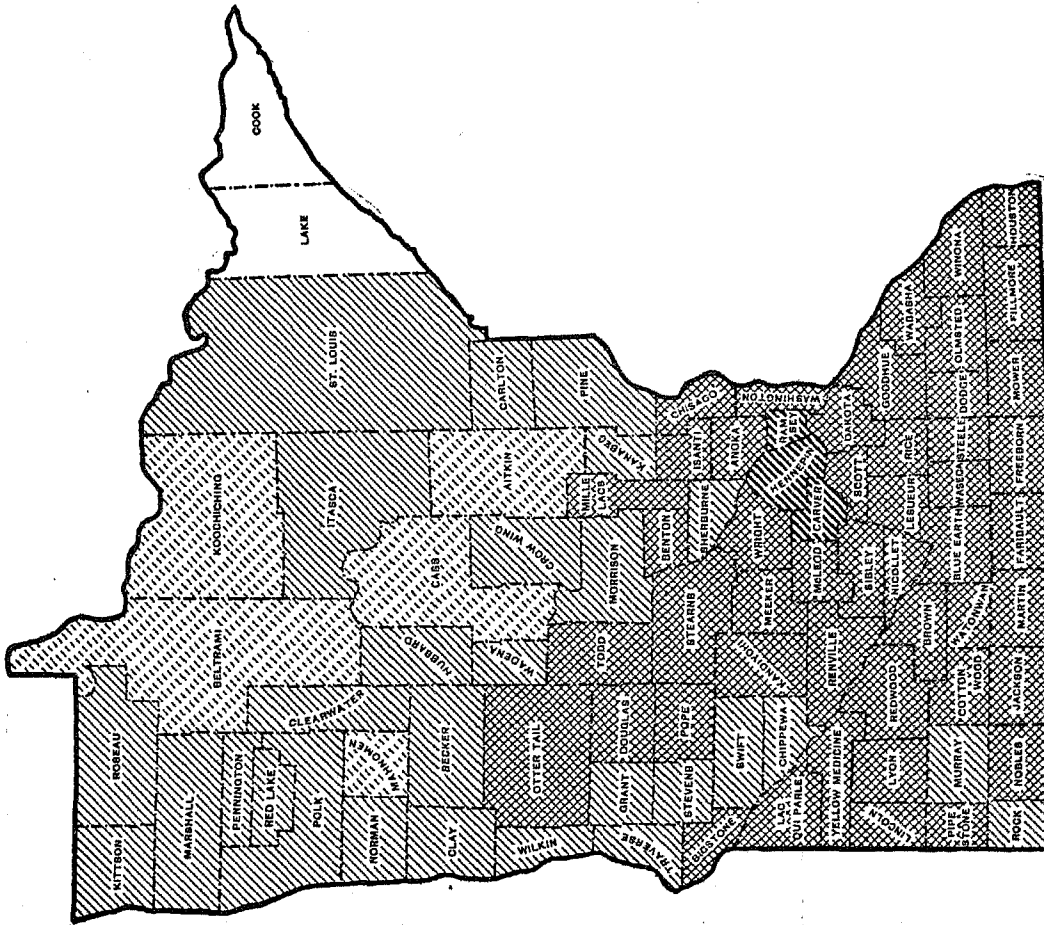
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

DENSITY OF POPULATION OF MINNESOTA, BY COUNTIES: 1910.

TOTAL POPULATION.



RURAL 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
Aitkin County.				Anoka County—Continued.			
Aitkin township.....	717	650	.....	Oak Grove township.....	607	494	283
Aitkin village.....	1,638	1,719	737	Ramsay township.....	001	490	398
Bell Bluff township.....	102	135	.....	St. Francis township ¹¹	519	483	324
Balsam township ² (T. 50, R. 22).....	71	8	.....			
Beaver township.....	188	123	.....	B Becker County.....			
Clark township ³ (T. 48, R. 22).....	277	54	.....		18,840	¹² 14,375	¹³ 9,401
Cornish township ⁴ (T. 51, R. 23).....	77	4	.....	Atlanta township.....	303	510	345
Davidson township ⁵ (T. 47, R. 24).....	51	73	.....	Audubon township.....	676	684	574
Dick township ⁶ (T. 44, R. 22).....	59	3	.....	Audubon village.....	300	349	159
Esquagamah township ⁷ (frac. T. 49, R. 27).....	37	27	.....	Burlington township.....	400	308	603
Faru Island township.....	460	404	.....	Callaway township ¹³	362	.....	.....
Flaming township.....	167	85	.....	Callaway village ¹⁴	270	.....	.....
Glen township.....	221	160	.....	Carsonville township.....	283	202	432
Haugen township ⁷ (T. 40, R. 22).....	235	11	.....	Cormorant township.....	570	554	504
Hazleton township.....	265	200	.....	Cuba township.....	485	524	470
Hobron township ⁷ (T. 50, R. 25).....	70	.....	.....	Detroit city ¹⁵	2,807	.....	.....
Hill Lake township (T. 52, R. 26 and frac. T. 52, R. 27), including Hill City village.....	378	27	.....	Ward 1.....	945	.....	.....
Hill City village ⁸	220	.....	.....	Ward 2.....	755	.....	.....
Ituna township ⁹ (T. 43, R. 24).....	170	99	.....	Ward 3.....	1,107	.....	.....
Jovno township ⁹ (T. 43, R. 24).....	173	55	.....	Detroit township ¹⁶	001	.....	.....
Jowett township ⁹ (T. 45, R. 24).....	31	10	.....	Erle township.....	277	297	263
Kimberly township.....	227	208	.....	Evargreen township.....	335	337	146
Lakeside township.....	247	184	.....	Frazee village.....	1,645	1,000	.....
Lee township ⁹ (T. 40, R. 24).....	115	38	.....	Grand Park township.....	132	104	07
Libby township ⁷ (T. 50, R. 24).....	142	50	.....	Green Valley township.....	284	223	123
Logan township ⁹ (T. 49, R. 25).....	268	184	.....	Hauden township.....	447	532	437
McGregor township, including McGregor village.....	226	161	.....	Height of Land township.....	283	300	215
McGregor village ¹⁰	180	.....	.....	Hobbesville township.....	341	304	141
Macville township ⁹ (T. 51, R. 20).....	137	40	.....	Lake Bunica township.....	703	713	479
Malmö township.....	201	151	.....	Lake Park township.....	648	670	564
Millward township ⁹ (T. 45, R. 23).....	120	70	.....	Lake Park village.....	740	570	348
Morrison township.....	202	242	.....	Lakeview township.....	534	477	318
Nordland township.....	407	513	.....	Ogema village ¹⁷	171	.....	.....
Ogema township.....	336	.....	.....	Ogema township.....	690	408	.....
Osage township.....	690	616	513	Richwood township.....	362	404	276
Richwood township.....	362	404	276	Rundberg township.....	178	.....	.....
Savannah township.....	187	.....	.....	Savannah township ¹⁸	187	.....	.....
Shell Lake township.....	324	288	.....	Shell Lake township.....	324	288	.....
Silver Leaf township.....	413	397	142	Silver Leaf township.....	413	416	157
Spruce Grove township.....	345	200	57	Spruce Grove township.....	345	200	57
Two Inlets township ¹⁸	184	207	.....	Two Inlets township ¹⁸	184	207	.....
Walden township.....	376	500	300	Walden township.....	376	500	300
White Earth township ¹⁹	630	.....	.....	White Earth township ¹⁹	630	.....	.....
Wolf Lake township.....	323	151	.....	Wolf Lake township.....	323	151	.....
Township 141, range 42.....	130	.....	.....	Township 141, range 42.....	130	.....	.....
Township 142, range 42.....	74	.....	.....	Township 142, range 42.....	74	.....	.....
White Earth Indian Reservation (part of) (Tps. 141 and 142; Rs. 37, 38, 39, and 40).....	353	(²¹)	207	White Earth Indian Reservation (part of) (Tps. 141 and 142; Rs. 37, 38, 39, and 40).....	353	(²¹)	207
Total for White Earth Indian Reservation ²⁰ in Becker, Clearwater, and Mahnomon Counties.....	813	5,480	.....	Total for White Earth Indian Reservation ²⁰ in Becker, Clearwater, and Mahnomon Counties.....	813	5,480	.....
				Beltrami County²².....	19,337	²³ 11,030	²⁴ 3,112
Anoka County.				Alaska township ²⁵ (S. & T. 150, Rs. 34 and 35).....	85	29	.....
Anoka city.....	3,972	3,760	4,252	Battle township ²⁶ (T. 152, R. 31, and T. 152, R. 32, part of).....	345	31	.....
Ward 1.....	1,035	.....	.....	Baudette township ²⁵ (frac. T. 161, R. 31).....	73	20	.....
Ward 2.....	1,101	.....	.....	Baudette village ²⁶	897	479	.....
Ward 3.....	1,836	.....	.....	Bemidji city ²⁶	5,000	2,183	.....
Anoka township.....	422	352	300	Ward 1.....	1,170	.....	.....
Bethel township ¹¹	617	617	410	Ward 2.....	1,084	.....	.....
Bethel village ¹¹	221	.....	.....	Ward 3.....	1,611	.....	.....
Blaine township.....	413	374	205	Ward 4.....	1,254	.....	.....
Burns township.....	926	920	650	Bemidji township ²⁷	383	295	.....
Centerville township.....	1,028	1,175	1,134	Bonville township ²⁸ (T. 150, R. 33).....	276	.....	.....
Columbia Heights village.....	590	123	.....	Borch township ²⁹ (T. 148, R. 30).....	232	4	.....
Columbus township.....	585	484	202	Blackduck township ³⁰	282	121	.....
Fridley township.....	523	443	470	Blackduck village ³⁰	942	.....	.....
Grow township.....	614	721	485	Buzzel township.....	354	172	.....
Hann Lake township.....	552	505	384	Chilgren township ³⁰ (T. 162, R. 34).....	73	.....	.....
Linwood township.....	303	333	242	Cormant township ³¹ (T. 151, R. 31).....	249	21	.....
				Durand township ³¹ (S. & T. 149, R. 33).....	112	.....	.....
				Eckles township ³²	278	245	.....
				Eland township ³³ (T. 153, R. 30).....	66	6	.....
				Farley village ³³	43	.....	.....

¹ No comparison of population can be made; numerous changes made between 1890 and 1900.
² Organized in 1905.
³ Organized in 1902.
⁴ Organized in 1908.
⁵ Organized in 1904.
⁶ Organized in 1900.
⁷ Organized in 1903.
⁸ Incorporated in 1910.
⁹ Incorporated in 1901.
¹⁰ Incorporated in 1903.
¹¹ Bethel village incorporated from parts of Bethel and St. Francis townships in 1904.
¹² County totals include population (2,000 in 1900; 1,510 in 1890) of Detroit village, taken to form Detroit city and Detroit township since 1900; and population (17 in 1890) of township 141, range 30, taken to form part of Two Inlets township between 1890 and 1900.
¹³ Organized from part of White Earth Indian Reservation in 1900; part taken to form Callaway village in 1907.
¹⁴ Incorporated from part of Callaway township in 1907.
¹⁵ Incorporated from part of Detroit village in 1903.
¹⁶ Organized from part of Detroit village in 1902.

¹⁷ Incorporated from part of White Earth township in 1907.
¹⁸ Savannah township organized from part of Two Inlets township in 1901.
¹⁹ Organized from part of White Earth Indian Reservation in 1906; part taken to form Ogema village in 1907.
²⁰ Part of White Earth Indian Reservation opened to settlement since 1900.
²¹ Not returned by counties in 1900.
²² Part taken to form Clearwater County in 1903.
²³ County total includes population (4,131) of territory taken to form Clearwater County and population (63) of Chippewa Indian Reservation (part of), opened to settlement, since 1900.
²⁴ No comparison of population can be made; not returned by townships in 1890.
²⁵ Baudette township organized in 1904; Baudette village incorporated from part of Baudette township in 1908.
²⁶ Incorporated as a city in 1905.
²⁷ Part taken to form Nymore village in 1905.
²⁸ Part taken to form part of Blackduck village in 1901.
²⁹ Incorporated from parts of Blackduck and Summit townships in 1901.
³⁰ Organized in 1907.
³¹ Organized in 1906.
³² Part taken to form Wilton village in 1906.
³³ Incorporated from part of Port Hope township in 1900.

STATISTICS OF POPULATION.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Beltrami County—Continued.				Beltrami County—Continued.			
Frohn township.....	300	207		Garden Island.....	(19)	12	
Funkley village.....	59			Oak Island.....	14		
Grant Valley township.....	281	232		Red Lake Indian Reservation (part of).....	1,228	1,450	
Guðrid township ² (T. 160, R. 30).....	143	59		Total for Red Lake Indian Reservation ²⁰ in Beltrami and Clearwater Counties.....	1,429	1,460	
Hagall township.....	105	72					
Hamra township ³ (T. 155, R. 37).....	116			Benton County.....	11,615	9,912	6,284
Hornet township ⁴ (T. 150, R. 30).....	143	52		Alberta township.....	952	784	566
Island Lake village ⁵	41			Foley village ²¹	710	172	
Jones township.....	110	97		Gilmanton township ²¹	1,033	²² 1,110	643
Kelliher township ⁶ (T. 152, R. 30).....	13			Glendorado township.....	716	644	297
Kelliher village ⁶	294			Graham township.....	590	474	
Lakewood township ⁷ (frac. Tps. 163 and 164, R. 34).....	83	11		Granite Ledge township.....	262	279	134
Lammers township, including Solway village.....	260	268		Langola township.....	495	507	785
Solway village.....	85	177		Maynew Lake township.....	904	877	336
Langor township.....	154	150		Maywood township ²⁴	538	²⁴ 609	294
Lee township ⁸ (T. 155, R. 38).....	134			Minden township.....	503	537	370
Liberty township.....	235	165		Rice village.....	262	232	
McDougal township ⁹ (T. 161, R. 33).....	239			Ronneby village ²³	132	156	
Maple Ridge township, including Powlds village.....	178	33		St. Cloud city (wards 5 and 6).....	1,180	913	793
Powlds village ¹⁰	39			Total for St. Cloud city ²⁵ in Benton, Sherburne, and Stearns Counties.....	10,600	8,663	7,689
Minnie township ⁷ (T. 156, R. 36).....	108			Ward 1.....	2,229		
Moose Lake township ⁸ (T. 147, R. 30).....	96	45		Ward 2.....	1,673		
Nebish township (N. $\frac{1}{2}$ T. 149 and S. $\frac{1}{2}$ T. 150, R. 33).....	134	119		Ward 3.....	1,614		
Northern township.....	205	114		Ward 4.....	3,085		
Nymore village ⁹	334			Ward 5.....	361		
Port Hope township ⁹	162	111		Ward 6.....	319		
Quiring township ¹¹ (T. 151, R. 32, part of).....	161	17		Ward 7.....	309		
Redby village ¹⁰	92			St. George township.....	728	750	528
Roosevelt township ¹¹ (T. 149, R. 35).....	227	42		Sauk Rapids township.....	267	191	216
Shotly township ¹² (frac. T. 153, R. 31, and frac. T. 153, R. 32, part of).....	205	3		Sauk Rapids village.....	1,745	1,391	1,185
Spooner township ¹² (T. 160, R. 31).....	133			Watab township.....	268	226	147
Spooner village ¹²	668						
Spruce Grove township ⁷ (T. 156, R. 37).....	83			Big Stone County.....	9,367	8,731	5,722
Steenerson township ¹³ (T. 155, R. 36).....	69			Akron township ²⁶	558	695	345
Summit township ¹⁴ (T. 149, R. 30).....	109	68		Almond township.....	446	512	450
Taylor township ¹⁵ (T. 148, R. 31).....	179			Artichoke township.....	462	524	370
Tenstrike Center village ¹⁵	250			Beardsley village.....	451	449	
Turtle Lake township.....	134	177		Big Stone township.....	371	374	265
Turtle River township.....	127	100		Browns Valley township.....	452	320	486
Turtle River village ¹⁶	108			Clinton village.....	384	346	
Wabanica township ¹⁷ (T. 161, R. 32).....	214	21		Correll village ²⁶	102		
Walhalla township ¹⁷ (T. 160, R. 32).....	86			Graceville township.....	266	341	341
Wilton village ¹⁸	215			Graceville village.....	957	856	508
Zippel township ¹³ (T. 162, R. 33).....	72	6		Johnson village ²⁷	192		
Township 146, range 30.....	47			Malta township.....	293	355	279
Township 146, range 31.....	121			Moonshine township ²⁷	192	330	198
Township 147, range 31.....	27	6		Odessa township.....	454	452	334
Township 150, range 32.....	47	23		Odessa village.....	235	204	
Township 151, range 30.....	53	2		Ortonville city (part of).....	1,716	1,191	768
Township 154, range 30.....	82	8		Total for Ortonville city in Big Stone and Lac qui Parle Counties.....	1,774	1,247	
Township 155, range 30.....	4			Ortonville township.....	168		113
Township 155, range 31.....	25			Otray township.....	345	379	290
Township 155, range 32.....	4			Prior township.....	843	795	652
Township 155, range 35.....	7			Tokua township, including Barry village.....	420	432	323
Township 156, range 30.....	2			Barry village ²⁸	105		
Township 156, range 34.....	2						
Township 156, range 35.....	2			Blue Earth County.....	29,337	32,263	29,210
Township 156, range 36.....	2			Amboy village.....	435	432	215
Township 157, range 31.....	24			Beauford township.....	646	706	725
Township 157, range 32.....	1			Butternut Valley township.....	611	661	659
Township 157, range 38.....	55			Cambria township.....	328	303	356
Township 158, range 30.....	20			Ceresco township.....	599	588	580
Township 158, range 31.....	51			Danville township.....	632	681	738
Township 158, range 33.....	2			Decoria township.....	762	994	1,011
Township 158, range 38.....	9			Eagle Lake village ²⁹	231		
Township 159, range 36.....	37			Garden City township.....	751	918	774
Township 159, range 31.....	25			Good Thunder village.....	419	505	
Township 159, range 32.....	11			Jamestown township.....	435	453	561
Township 159, range 33.....	5			Judson township.....	712	695	678
Township 159, range 34.....	13			Lake Crystal village.....	1,655	1,215	824
Township 159, range 35.....	12			Le Ray township ³⁰	649	1,437	1,576
Township 159, range 36.....	5			Lime township.....	544	650	610
Township 160, range 34.....	7			Lincoln township.....	471	586	458
Township 160, range 35.....	8						
Township 160, range 36.....	10						
Township 161, range 34.....	109						
Township 162, range 32.....	53	4					
Township 163, range 33.....	35	21					
North West Angle (N. and W. of Lake of the Woods).....	27						

¹ Hornet township organized in 1902; Funkley village incorporated from part of Hornet township in 1904.
² Organized in 1907.
³ Organized in 1904.
⁴ Incorporated from part of Red Lake Indian Reservation in 1907.
⁵ Kelliher township organized in 1904; Kelliher village incorporated from part of Kelliher township in 1904.
⁶ Incorporated in 1907.
⁷ Organized in 1905.
⁸ Incorporated from part of Bemidji township in 1905.
⁹ Parts taken to form Farley, Turtle River, and Tenstrike Center villages in 1900, 1902, and 1903, respectively.
¹⁰ Incorporated from part of Red Lake Indian Reservation in 1906.
¹¹ Organized in 1902.
¹² Spooner township organized in 1904; Spooner village incorporated from part of Spooner township in 1908.
¹³ Organized in 1908.
¹⁴ Part taken to form part of Blackduck village in 1901.

¹⁵ Incorporated from part of Port Hope township in 1903.
¹⁶ Incorporated from part of Port Hope township in 1902.
¹⁷ Organized in 1906.
¹⁸ Incorporated from part of Eckles township in 1906.
¹⁹ No population reported.
²⁰ In Beltrami and Red Lake Counties in 1900. Returned in 1900 as in Beltrami County only. Parts taken to form Redby and Island Lake villages in 1906 and 1907, respectively.
²¹ Foley village returned with Gilmanton township in 1900.
²² Exclusive of population of Foley village.
²³ Ronneby village returned with Maywood township in 1900.
²⁴ Exclusive of population of Ronneby village.
²⁵ Parts annexed to Haven township, Sherburne County, and St. Cloud township, Stearns County, in 1908.
²⁶ Correll village incorporated from part of Akron township in 1905.
²⁷ Johnson village incorporated from part of Moonshine township in 1901.
²⁸ Incorporated in 1900.
²⁹ Eagle Lake village incorporated from part of Le Ray township in 1906.

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
Blue Earth County—Continued.				Carlton County—Continued.			
Lyra township.....	665	794	1,159	Mahtowa township ¹⁹	440	320	194
McPherson township ¹	618	1,114	1,242	Moose Lake township ²⁰	811	²¹ 567	²¹ 474
Madison Lake village.....	335	300	.....	Moose Lake village ²⁰	526	354	169
Mankato city.....	10,365	10,599	8,838	Red Clover township ²²	150	301	.....
Ward 1.....	2,100	.....	.....	Scanlon village ²³	572	.....	.....
Ward 2.....	1,902	.....	.....	Skelton township ²⁴	166	.....	.....
Ward 3.....	1,469	.....	.....	Split Rock township.....	476	385	.....
Ward 4.....	1,883	.....	.....	Thomson township.....	1,126	498	586
Ward 5.....	2,050	.....	.....	Thomson village.....	169	207	.....
Ward 6.....	1,008	.....	.....	Twin Lakes township ²⁵	304	1,191	240
Mankato township.....	1,220	1,307	1,364	Wrenshall township ²⁶	755	.....	.....
Mapleton township.....	450	543	610	Township 48, range 17 (part of).....	.....	.....	.....
Mapleton village.....	809	1,008	607	Township 48, range 18 (part of).....	.....	.....	.....
Mado township.....	600	773	865	Township 48, range 19 (part of).....	.....	.....	.....
Pleasant Mound township.....	699	735	688	Township 49, range 17 (part of).....	.....	.....	.....
Raplan township.....	1,118	1,075	1,060	Township 49, range 18.....	.....	.....	.....
St. Clair village ¹	323	.....	.....	Township 49, range 19 (part of).....	.....	.....	.....
Shelby township.....	970	819	728	.....	.....	.....	.....
South Bend township.....	508	620	547	Carver County.....			
Sterling township.....	550	663	730	Benton township.....	17,455	17,544	16,532
Vernon township.....	568	712	729	Benton village.....	1,194	1,191	1,175
Vernon Center village.....	289	311	.....	Camden township, ²⁸ including New Germany village.....	42	52	89
Brown County.....				Camden township, ²⁸ including New Germany village.....	1,323	1,533	1,421
Albin township.....	662	629	600	New Germany village ²⁹	210	.....	.....
Bashaw township ²	585	715	410	Carver township, coextensive with Carver village.....	571	583	625
Burnstown township.....	506	501	517	Chanassen township.....	1,308	1,210	1,202
Cobden village ³	87	.....	.....	Chanassen village.....	164	175	.....
Comfrey village ⁴	238	.....	.....	Chaska city.....	2,050	2,105	2,210
Cottonwood township.....	697	694	697	Ward 1.....	699	.....	.....
Fond township.....	709	771	878	Ward 2.....	649	.....	.....
Evan village ⁵	112	.....	.....	Ward 3.....	702	.....	.....
Hanska village ⁴	310	.....	.....	Chaska township.....	160	169	366
Home township.....	860	983	1,050	Cologne village.....	300	238	193
Lake Hanska township ⁴	992	942	742	Dahlgren township.....	1,051	1,117	1,140
Leavenworth township.....	540	578	431	Hancock township.....	480	550	550
Linden township.....	691	763	762	Hollyoak township.....	1,154	1,243	1,042
Milford township.....	673	713	751	Laketown township.....	1,180	1,109	1,007
Mulligan township.....	480	507	393	Mayer village ³⁰	161	.....	.....
New Ulm city.....	5,648	5,493	3,741	Norwood village.....	322	500	385
Ward 1.....	1,757	.....	.....	San Francisco township.....	504	610	667
Ward 2.....	1,665	.....	.....	Waconia township ³¹	982	1,191	1,206
Ward 3.....	2,226	.....	.....	Waconia village.....	817	728	441
North Star township.....	502	524	366	Watertown township.....	1,207	1,161	1,102
Pratleville township ⁶	599	778	730	Watertown village.....	405	490	362
Sigel township.....	645	665	680	Young America township, including Hamburg village.....	1,235	1,202	1,100
Sleepy Eye city ⁶	2,247	2,040	1,513	Hamburg village.....	153	196	.....
Ward 1.....	1,876	.....	.....	Young America village.....	363	318	287
Ward 2.....	371	.....	.....	Cass County.....			
Springfield village.....	1,482	1,511	716	Ansel township ³² (T. 137, R. 32).....	65	82	.....
Stark township.....	580	604	623	Booker township.....	241	240	.....
Stately township.....	514	305	211	Bena village ³³	179	.....	.....
Carlton County.....				Bena township ³⁴ (T. 139, R. 25 and 26).....	71	17	.....
Atkinson township.....	275	239	.....	Bloch Lake township ³⁴ (T. 140, R. 20 and 30), including Haakonsaack village.....	245	152	.....
Barnum township ⁷	480	493	.....	Haakonsaack village ³⁵	84	.....	.....
Barnum village ⁸	262	391	417	Bungo township.....	115	102	.....
Besemann township ¹⁰	115	.....	.....	Byron township.....	250	328	.....
Blackhoof township ¹¹	323	.....	.....	Cass Lake village.....	2,011	540	.....
Carlton village.....	597	440	612	Deerfield township ³⁶ (T. 139, R. 31).....	75	44	.....
Cloquet city ¹²	7,031	3,072	2,530	Gould township ³⁷ (T. 143, R. 27 and 28).....	151	41	.....
Ward 1.....	1,731	.....	.....	Hiram township ³⁸ (T. 140, R. 31).....	78	34	.....
Ward 2.....	3,804	.....	.....	Home Brook township.....	211	231	.....
Ward 3.....	2,496	.....	.....	Island Lake township ³⁹ (T. 140, R. 26 and 27).....	88	2	.....
Cromwell village ¹³	143	.....	.....	Loon Lake township ⁴⁰ (W. 1 T. 136, R. 29).....	134	100	.....
Eagle township ¹⁴	340	.....	.....	McKinley township ⁴⁰ (T. 138, R. 32).....	121	120	.....
Holyoke township ¹⁵	221	.....	.....	Maple township ⁴¹ (T. 136, R. 30).....	257	183	.....
Kalavala township.....	558	333	.....	May township ⁴² (Tps. 133 and 134, R. 31).....	532	541	.....
Knife Falls township ¹⁶	480	17,760	17,560	Exclusive of population of Moose Lake village.			
Lakewood township ¹⁶	263	.....	.....	Parts taken to form Eagle and Lakeview townships in 1902 and part of Cromwell village in 1903.			

1 St. Clair village incorporated from part of McPherson township in 1907.
 2 Comfrey village incorporated from part of Bashaw township in 1900.
 3 Evan and Cobden villages incorporated from parts of Pratleville township in 1904 and 1905, respectively.
 4 Hanska village incorporated from part of Lake Hanska township in 1901.
 5 Incorporated as a city in 1903.
 6 County total includes population (307) of Fond du Lac Indian Reservation, opened to settlement since 1900.
 7 Included Barnum village in 1900. Part taken to form part of Skelton township in 1904.
 8 Exclusive of population of Barnum village.
 9 Returned with Barnum township in 1900.
 10 Organized from part of Lakewood township in 1905.
 11 Organized from part of Twin Lakes township in 1905.
 12 Returned with Knife Falls township in 1900. Incorporated as a city and part of Knife Falls township annexed in 1904.
 13 Incorporated from parts of Eagle and Red Clover townships in 1903.
 14 Organized from part of Red Clover township in 1902; part taken to form part of Cromwell village in 1903.
 15 Organized from part of Twin Lakes township in 1903.
 16 Included Cloquet village in 1900. Part taken to form part of Scanlon village in 1902 and part annexed to Cloquet city in 1904.
 17 Exclusive of population of Cloquet village.
 18 Organized from part of Red Clover township in 1902; part taken to form Besemann township in 1905.
 19 Part taken to form part of Skelton township in 1904.
 20 Moose Lake village returned with Moose Lake township in 1900.

21 Exclusive of population of Moose Lake village.
 22 Parts taken to form Eagle and Lakeview townships in 1902 and part of Cromwell village in 1903.
 23 Incorporated from parts of Knife Falls and Twin Lakes townships in 1902.
 24 Organized from parts of Barnum and Mahtowa townships in 1904.
 25 Parts taken to form Wrenshall, Holyoke, and Blackhoof townships in 1902, 1903, and 1905, respectively, and part of Scanlon village in 1902.
 26 Organized from part of Twin Lakes township in 1902.
 27 Not returned separately.
 28 Mayer village incorporated from parts of Camden and Waconia townships in 1900.
 29 Incorporated in 1901.
 30 County total includes population (38) of Lotlirop village, returned as incorporated; population (500) of Walker village, returned as independent, in 1900; and population (241) of White Oak Point Indian Reservation, opened to settlement since 1900.
 31 No comparison of population can be made; not returned by townships in 1890.
 32 Organized in 1900.
 33 Incorporated from part of Chippewa Indian Reservation in 1906.
 34 Organized in 1907.
 35 Incorporated in 1903.
 36 Organized in 1903.
 37 Organized in 1906.
 38 Organized in 1904.
 39 Organized in 1908.
 40 Organized in 1901.
 41 Organized in 1902.

STATISTICS OF POPULATION.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Cass County—Continued.				Chisago County—Continued.			
Meadow Brook township	159	206		Chisago Lake township ¹⁷	1,589	1,728	1,561
Moose Lake township ¹ (T. 136, R. 31)	123	98		Fish Lake township	1,032	1,104	957
Pillager village ²	216			Franconia township	823	941	1,068
Pine River township ³ (T. 138, R. 30, and W. $\frac{1}{2}$ T. 138, R. 29)	380	150		Harris village	673	710	504
Pine River village ⁴	329			Lent township	608	453	245
Ponto Lake township ⁵ (T. 139, R. 29)	93	72		Lindstrom village	522	385	
Poplar township	240	243		Nessel township	1,131	1,283	1,065
Powers township ⁶ (T. 139, R. 30), including Backus village	370	35		North Branch village ¹⁶	642	1,211	685
Backus village ⁷	184			Rush City village	964	957	707
Remer township ⁸ (T. 141, R. 26)	141	4		Rushseba township	658	773	529
Smoky Hollow township ⁹ (T. 140, R. 25)	140	13		Shafer township	852	896	812
Wabedo township (Tps. 139 and 140, R. 28)	96	14		Sunrise township	939	890	626
Wahnena township ¹⁰ (Tps. 143 and 144, R. 25, part of)	153	52		Taylor Falls village	454	535	507
Walden township ⁴ (T. 137, R. 30, and W. $\frac{1}{2}$ T. 137, R. 29)	347	388		Wyoming township ¹⁸	605	752	590
W. $\frac{1}{2}$ township 133, range 29	122	171		Wyoming village ¹⁸	207		
Fractional township 133, range 30 ²	170	258					
W. $\frac{1}{2}$ township 134, range 29	53			Clay County	19,840	17,942	11,517
Township 134, range 30	81	128		Alliance township	453	401	183
Township 138, range 31	23	11		Barnesville city	1,353	1,326	1,069
Township 130, range 27	7	1		Ward 1	553		
Township 141, range 25	95	2		Ward 2	438		
Township 141, range 27	52	5		Ward 3	382		
Township 141, range 28	99			Barnesville township	201	275	141
Township 141, range 29	64			Cromwell township	428	376	161
Township 141, range 30	91	12		Egion township	584	669	652
Township 141, range 31	22	6		Elkton township	375	269	141
Township 142, range 25	7	37		Elmwood township	592	520	368
Township 142, range 26	94	7		Felton township ¹⁹	164	355	232
Township 142, range 27	77	5		Felton village ¹⁹	149		
Township 142, range 31, including Walker village	1,021	10 66		Flowing township	115	200	
Walker village	917	500		Georgetown township ²⁰	278	600	443
Township 143, range 26	26	15		Georgetown village ²⁰	182		
Township 143, range 31	85			Glyndon township	400	243	104
Township 144, range 26	20	18		Glyndon village	295	250	275
Township 144, range 28	107	61		Goose Prairie township	602	474	270
Township 144, range 31	17			Hagen township	242	376	213
Chippewa Indian Reservation (part of)	1,011	1,139		Hawley township	400	373	258
Total for Chippewa Indian Reservation ¹¹ in Cass and Hubbard Counties	1,145	1,882		Hawley village	800	536	270
Leech Lake Indian Reservation	665	1,001		Highland Grove township	829	724	523
				Holy Cross township	515	426	156
Chippewa County	13,458	13,499	8,555	Humboldt township	335	303	268
Big Bend township	667	622	622	Keene township	326	359	199
Clara City village	537	465		Kragens township	414	432	249
Crate township	440	510	208	Kurtz township	279	268	
Grace township	314	364	165	Moland township	375	388	356
Granite Falls city (ward 2)	375	266	(¹²)	Moorhead city	4,840	3,730	2,088
Total for Granite Falls city in Chippewa and Yellow Medicine Counties	1,454	1,214		Ward 1	808		
Ward 1	1,079			Ward 2	1,325		
Ward 2	375			Ward 3	1,066		
Granite Falls township	451	536	759	Ward 4	1,661		
Havelock township	482	500	226	Moorhead township	802	226	294
Kragers township	635	697	880	Morken township	256	327	232
Leenthrop township	578	613	508	Oakport township	281	276	176
Lone Tree township	466	504	185	Parka township	616	676	403
Louriston township	482	500	271	Riverton township	196	238	296
Mandt township	550	646	450	Skree township	544	449	300
Maynard village ¹³	386	245		Spring Prairie township	261	283	
Milan village	408	396		Tansem township	599	616	614
Montevideo city ¹⁴	3,056	2,146	1,437	Ulen township	392	447	430
Ward 1	914			Ulen village	438	317	
Ward 2	1,011			Viding township	129	224	148
Ward 3	1,181						
Rheiderland township	499	492	248	Clearwater County ²¹	6,870	(²²)	
Rosewood township	579	631	631	Bagley village ²³	801	248	
Sparta township	919	820	821	Bear Creek township	215	237	
Stoneham township ¹⁵	447	15 320	362	Copley township ²⁴	318	261	
Tunberg township	152	559	631	Dudley township	273	138	
Watson village	334	167		Eddy township	580	419	
Woods township		300	90	Greenwood township (T. 150, R. 37, part of)	175	117	
				Hangard township (T. 151, R. 38, part of)	110	59	
Chisago County	13,537	13,248	10,359	Holst township	390	341	
Amador township	656	595	453	Itasca township, including Mallard village	213	150	
Branch township ¹⁶	643			Mallard village ¹	78		
Center City village ¹⁷	252			Leon township	547	273	
Chisago City village ¹⁷	276			Minerva township ²⁵ (T. 145, R. 37)	114		
				Moose Creek township	162	211	
				Nora township ²⁵ (T. 146, R. 37)	297		
				Pine Lake township	645	393	
				Popple township	403	462	
				Rice township ²⁵ (T. 144, R. 37)	116		

¹ Organized in 1902.
² Pillager village incorporated from part of T. 133, R. 30, in 1900.
³ Organized in 1901.
⁴ Walden township organized in 1901; Pine River village incorporated from part of Walden township in 1901.
⁵ Organized in 1906.
⁶ Organized in 1907.
⁷ Incorporated in 1902.
⁸ Organized in 1904.
⁹ Organized in 1905.
¹⁰ Exclusive of population of Walker village.
¹¹ Returned in 1900 as in Beltrami, Cass, and Itasca Counties only. Part of Chippewa Indian Reservation opened to settlement since 1900.
¹² Not returned separately in 1890.
¹³ Maynard village made independent of Stoneham township in 1901.

¹⁴ Incorporated as a city in 1908.
¹⁵ Exclusive of population of Maynard village.
¹⁶ Branch township organized from part of North Branch village in 1901.
¹⁷ Center City and Chisago City villages incorporated from parts of Chisago Lake township in 1903 and 1906, respectively.
¹⁸ Wyoming village incorporated from part of Wyoming township in 1902.
¹⁹ Felton village incorporated from part of Felton township in 1901.
²⁰ Georgetown village incorporated from part of Georgetown township in 1904.
²¹ Organized from part of Beltrami County in 1903.
²² Comparison of population for 1900 made by minor civil divisions wherever possible.
²³ Bagley village made independent of Copley township in 1903.
²⁴ Exclusive of population of Bagley village.
²⁵ Organized since 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.]

Main data table with columns for Minor Civil Division, 1910, 1900, and 1890. It is split into two sections: Clearwater County (continued) and Cottonwood County (continued). Clearwater County includes divisions like Shevlin township and Grand Marais township. Cottonwood County includes divisions like Amboy township and Mountain Lake township. Totals are provided for each county.

1 Shevlin village made independent of Shevlin township in 1900.
2 Exclusive of population of Shevlin village.
3 Not returned by counties in 1900.
4 County total includes population (108) of Grand Portage (Pigeon River) Indian Reservation, opened to settlement since 1900.
5 No comparison of population can be made; not returned by townships in 1890.
6 Colvill township organized from part of Hovland township in 1900.
7 Parts taken to form Grand Marais village in 1903 and part of Rosebush township in 1908.
8 Incorporated from part of Grand Marais township in 1903.
9 Lutsen and Schroeder townships organized from parts of Pofte township in 1905.
10 Part taken to form part of Rosebush township in 1908.
11 Organized from parts of Grand Marais and Maple Hill townships in 1908.
12 Population of Grand Portage (Sheep) Island only.
13 No population reported.
14 Population of Francis Island only.
15 Jeffers village incorporated from part of Amboy township in 1900.
16 Bingham Lake village made independent of Lakeside township in 1900.
17 Exclusive of population of Bingham Lake village.
18 Westbrook village incorporated from part of Westbrook township in 1901.
19 No comparison of population for 1890 can be made; information as to changes in minor civil divisions incomplete.
20 Organized in 1905.
21 Organized in 1904.
22 Organized in 1900.
23 Platte Lake and Roosevelt townships organized from parts of Daggott Brook township in 1901 and 1902, respectively.
24 Deerwood village incorporated from part of Deerwood township in 1909.
25 Organized in 1903.
26 Incorporated in 1904.
27 Organized in 1901.
28 Organized since 1900.
29 Incorporated in 1902.
30 Invergrove village incorporated from part of Invergrove township in 1909.

STATISTICS OF POPULATION.

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
Otter Tail County—Continued.				Fennington County ¹³			
				9,876 ⁽¹⁴⁾ ⁽¹⁵⁾			
Compton township.....	711	779	694	Black River township (T. 152, R. 44, secs. 1 to 24).....	169		
Corliss township.....	493	558	294	Bray township (T. 153, R. 45).....	127	159	114
Dalton village ¹	175			Clover Leaf township ¹⁴ (T. 154, R. 41).....	180		
Dane Prairie township.....	646	600	525	Deer Park township ¹⁴ (T. 152, R. 40, secs. 1 to 24).....	270		
Dead Lake township.....	418	391		Goodridge township ¹⁴ (T. 154, R. 40).....	63		
Deer Creek township.....	658	510	474	Hickory township ¹⁵ (T. 152, R. 39).....	197		
Deer Creek village.....	313	275		High Landing township ¹⁴ (T. 153, R. 40).....	353		
Dent village ²	244			Kratka township ¹⁴ (T. 153, R. 41).....	280		
Dora township.....	507	550	433	Mayfield township ¹⁶ (T. 152, R. 41, secs. 1 to 24).....	144		
Dunn township.....	375	319	252	Norden township (T. 154, R. 44).....	306	441	309
Eagle Lake township.....	682	721	692	North township ¹⁷ (T. 154, R. 43).....	440	148	95
Eastern township.....	522	548	385	Numedal township (T. 154, R. 45).....	154	150	90
Edna township ³	521	451	411	Polk Centre township (T. 152, R. 45, secs. 1 to 24).....	146		
Effington township.....	652	711	655	Reiner township ¹⁹ (T. 154, R. 39).....	207		
Elizabeth township.....	598	718	744	River Falls township (T. 152, R. 43, secs. 1 to 24).....	252		
Elizabeth village.....	169	186	135	Rocksburg township ²⁰ (T. 153, R. 43).....	545	599	425
Elmo township.....	504	588	403	St. Hilaire village.....	468	840	193
Erhards Grove township.....	679	759	686	Sanders township (T. 153, R. 44).....	293	367	383
Hverts township.....	366	369	360	Silverton township ¹⁴ (T. 154, R. 42).....	219		
Fergus Falls city.....	6,887	6,072	3,772	Smiley township ¹⁴ (T. 153, R. 42).....	421	98	
Ward 1.....	1,379			Star township ¹⁹ (T. 153, R. 39).....	192		
Ward 2.....	1,203			Thief River Falls city.....	3,714	1,819	191
Ward 3.....	5,566			Ward 1.....	1,722		
Ward 4.....	820			Ward 2.....	634		
Fergus Falls township.....	588	635	479	Ward 3.....	1,565		
Folden township.....	552	545	435	Wyandotte township ²¹ (T. 152, R. 42, secs. 1 to 24).....	203		
Friberg township.....	554	736	574				
Girard township.....	250	293	193				
Gorman township, including Luce village.....	406	533	502				
Luce village ³	159						
Henning township.....	527	632	466				
Henning village.....	603	545	254				
Hobart township ⁴	501	531	449				
Homestead township.....	381	426	174				
Inman township.....	471	504	292				
Leaf Lake township.....	694	713	640				
Leaf Mountain township.....	670	716	623				
Lida township.....	412	428	321				
Maine township.....	620	701	510				
Maplewood township.....	649	739	436				
New York village ⁵	474	353	260				
Newton township.....	972	726	353				
Nidaros township ⁶	494	717	694				
Norwegian Grove township.....	642	676	744				
Oak Valley township.....	512	515	357				
Orwell township.....	371	334	191				
Oscar township.....	645	713	742				
Otter Tail township ⁷	200	288	226				
Ottertail village ⁷	176						
Otto township.....	522	557	456				
Paddock township.....	583	495	317				
Parkers Prairie township ⁸	595	677	648				
Parkers Prairie village ⁸	383						
Pelican township, including Pelican Rapids village.....	1,781	9,669	9,629				
Pelican Rapids village.....	1,019	1,035	624				
Perham township.....	589	676	637				
Perham village.....	1,376	1,182	761				
Pine Lake township.....	334	351	233				
Richville village ¹⁰	255						
Rush Lake township ¹⁰	441	419	341				
St. Olaf township.....	556	711	681				
Scambler township.....	428	470	407				
Star Lake township.....	281	339	159				
Sverdrup township.....	974	1,019	680				
Tordenskjold township.....	755	791	624				
Trondhem township.....	584	699	794				
Tumult township ¹	479	614	615				
Vergas village ¹¹	237						
Vining village ⁶	212						
Western township.....	365	375	273				
Woodside township.....	428	542	329				
				Pine County	15,878	11,546	9,405²
				Arna township ²²	102		
				Banning village ²⁴	149		
				Barry township ²⁵ (T. 41, R. 20).....	205		
				Birch Creek township.....	520	258	
				Bremen township ²⁶ (T. 44, R. 21).....	294		
				Brook Park township.....	323	286	
				Bruno township ²⁷ (T. 44, Rs. 16, 17, and 18), including Bruno village.....	344		
				Bruno village.....	240		
				Chengwatana township ²⁸	327	307	93
				Clover township ²⁹ (T. 41, Rs. 16 and 17, parts of; T. 41, Rs. 18 and 19).....	190		
				Crosby township ²² (T. 40, Rs. 18 and 19, parts of).....	54		
				Danforth township ³¹ (T. 42, R. 18).....	89		
				Dell Grove township.....	512	425	
				Dosey township ³² (T. 43, Rs. 16 and 17).....	57		
				Finlayson township ³³	371	467	
				Finlayson village ³⁴	186		
				Fleming township ³⁵ (T. 43, R. 18).....	67		
				Hinckley township ³⁶	481	465	294
				Hinckley village ³⁸	673	459	618
				Kerriek township ³⁹	353	635	
				Kettle River township, ⁴⁰ including Rutledge and Willow River villages.....	552	1,442	377
				Rutledge village.....	89		
				Willow River village.....	212	466	
				Mission Creek township.....	445	350	85
				Munch township ⁴¹ (T. 40, R. 20).....	81		
				Nickerson township ⁴² (T. 45, Rs. 16 and 17).....	121		
				Norman township ⁴³ (T. 44, R. 19).....	242		
				Partridge township ⁴¹ (T. 43, R. 19).....	366		
				Pine City township.....	755	533	255
				Pine City village.....	1,258	993	535
				Pine Lake township.....	469	323	
				Pokagama township.....	1,065	590	
				Rock Creek township.....	1,013	1,030	404
				Royalton township.....	955	786	342

¹ Dalton village incorporated from part of Tumult township in 1905.
² Dent village incorporated from part of Edna township in 1904.
³ Incorporated in 1905.
⁴ Part taken to form part of Vergas village in 1905.
⁵ Returned as New York Mills in 1900.
⁶ Vining village incorporated from part of Nidaros township in 1909.
⁷ Ottertail village incorporated from part of Otter Tail township in 1904.
⁸ Parkers Prairie village incorporated from part of Parkers Prairie township in 1903.
⁹ Exclusive of population of Pelican Rapids village.
¹⁰ Richville village incorporated from part of Rush Lake township in 1904.
¹¹ Incorporated from parts of Candor and Hobart townships in 1905.
¹² Incorporated from part of Red Lake County in 1910.
¹³ Comparisons of population for 1900 and 1890 made by minor civil divisions wherever possible.
¹⁴ Organized from part of Red Lake Indian Reservation in 1905.
¹⁵ Organized from part of Red Lake Indian Reservation in 1908.
¹⁶ Organized from part of Red Lake Indian Reservation in 1906.
¹⁷ Part of T. 154, R. 43, (part of Red Lake Indian Reservation.) annexed in 1905.
¹⁸ Exclusive of population of Indian Reservation.
¹⁹ Organized from part of Red Lake Indian Reservation in 1907.
²⁰ Part of T. 153, R. 43, (part of Red Lake Indian Reservation) annexed in 1905.
²¹ Part of T. 152, R. 42, (part of Red Lake Indian Reservation) annexed in 1905.
²² County total includes population (517) of Sandstone village, returned as independent in 1890.

²³ Organized from part of Wilma township in 1910.
²⁴ Incorporated from part of Finlayson township in 1901.
²⁵ Organized from part of Hinckley township in 1901.
²⁶ Organized from part of Kettle River township in 1906.
²⁷ Organized from part of Kettle River township in 1903.
²⁸ Incorporated in 1903.
²⁹ Munch and Crosby townships organized from parts of Chengwatana township in 1905 and 1908, respectively.
³⁰ Organized from part of Hinckley township in 1905.
³¹ Organized from part of Sandstone township in 1904.
³² Organized from part of Fleming township in 1909.
³³ Parts taken to form Partridge and Fleming townships in 1901 and 1907, and Banning and Finlayson villages in 1901 and 1905, respectively.
³⁴ Incorporated from part of Finlayson township in 1905.
³⁵ Organized from part of Finlayson township in 1907; part taken to form Dosey township in 1909.
³⁶ Included Hinckley village in 1900. Parts taken to form Barry and Clover townships in 1901 and 1905, respectively.
³⁷ Exclusive of population of Hinckley village.
³⁸ Made independent of Hinckley township in 1907.
³⁹ Nickerson township organized from part of Kerriek township in 1907.
⁴⁰ Parts taken to form Bruno township in 1903 and Bremen and Norman townships in 1906.
⁴¹ Organized from part of Finlayson township in 1901.

STATISTICS OF POPULATION.

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
Dakota County—Continued.				Faribault County—Continued.			
Marshan township.....	469	494	499	Blue Earth City township.....	678	643	662
Mendota township.....	823	813	741	Brush Creek township.....	651	746	719
Mendota village.....	245	282	248	Clark township, including Weils village.....	2,303	2,711	1,613
New Trier village.....	144	126	129	Weils village.....	1,755	2,017	1,808
Nininger township.....	242	309	276	Delavan township, including Delavan village.....	852	934	989
Randolph township ¹	214	292	218	Delavan village.....	284	321	258
Randolph village ¹	182	.....	.....	Dunbar township.....	584	657	512
Ravenna township.....	314	259	264	Elmore township, including Elmore village.....	1,413	1,588	1,177
Rosemount township.....	662	625	589	Elmore village.....	795	924	488
Rosemount village.....	238	182	198	Emerald township.....	679	704	791
Sciota township.....	254	247	230	Foster township ¹⁰	585	747	521
South St. Paul city.....	4,510	2,322	2,242	Jo. Davless township.....	503	551	452
Ward 1.....	1,084	.....	.....	Kiester township, including Kiester village.....	931	896	372
Ward 2.....	2,774	.....	.....	Kiester village ¹¹	258	.....	.....
Ward 3.....	878	.....	.....	Lura township, including Easton village.....	709	802	667
Vermillion township, including Vermillion village.....	909	830	750	Easton village.....	262	518	180
Vermillion village.....	161	100	.....	Minnesota Lake township, including Minnesota Lake village.....	918	1,077	1,038
Waterford township.....	282	322	352	Minnesota Lake village.....	445	618	340
West St. Paul city.....	2,660	1,830	1,696	Pilot Grove township.....	457	544	386
Ward 1.....	740	.....	.....	Prescott township.....	579	624	613
Ward 2.....	1,569	.....	.....	Rome township, including Frost village.....	827	780	641
Ward 3.....	351	.....	.....	Frost village ¹²	183	.....	.....
Dodge County.....				Seely township, including Bricelyn village.....	1,039	890	577
Ashland township.....	580	671	552	Bricelyn village.....	352	168	.....
Canisteo township.....	726	860	832	Verona township, including part of Winnebago City village.....	702	704	13 710
Claremont township.....	576	668	.....	Winnebago City village (part of).....	99	90	.....
Claremont village.....	275	317	* 704	Total for Winnebago City village in Verona and Winnebago City townships.....	1,551	1,816	1,108
Concord township.....	861	939	1,024	Walnut Lake township.....	505	581	557
Dodge Center village.....	957	942	633	Walters village ¹⁰	103	.....	.....
Ellington township.....	646	654	585	Winnebago City township, including part of Winnebago City village.....	1,908	2,250	12 496
Hayfield township.....	586	665	642	Winnebago City village (part of).....	1,453	1,729	.....
Hayfield village.....	586	439	.....	Fillmore County.....			
Kasson village.....	932	1,112	992	Amherst township.....	745	787	815
Mantorville township.....	653	599	749	Arendahl township.....	720	821	814
Mantorville village.....	410	602	460	Beaver township.....	592	651	655
Milton township.....	975	1,095	995	Bloomfield township.....	866	984	849
Ripley township.....	395	456	323	Bristol township.....	760	865	969
Vernon township.....	848	939	895	Canton township.....	904	1,115	1,069
Wasioja township.....	855	1,053	897	Canton village.....	345	312	281
West Concord village.....	584	635	.....	Carlmona township.....	617	708	727
Westfield township.....	649	696	581	Carrolton township.....	630	734	726
Douglas County.....				Chatfield city (part of).....	875	1,038	963
Alexandria city ³	3,001	2,681	2,118	Total for Chatfield city in Fillmore and Olmsted Counties.....	1,228	1,426	1,335
Ward 1.....	680	.....	.....	Chatfield township.....	582	673	647
Ward 2.....	693	.....	.....	Fillmore township.....	749	874	875
Ward 3.....	500	.....	.....	Forestville township.....	647	785	755
Ward 4.....	870	.....	.....	Fountain township.....	627	675	659
Ward 5.....	518	.....	.....	Fountain village.....	321	294	248
Alexandria township ⁴	678	672	470	Harmony township.....	708	726	.....
Belle River township.....	719	892	711	Harmony village.....	655	517	2 1,051
Brandon township.....	632	675	570	Holt township.....	695	777	823
Brandon village.....	276	272	225	Jordan township.....	681	818	616
Carlos township ⁵	557	597	435	Lanesboro village.....	987	1,102	898
Carlos village ⁶	167	.....	.....	Mabel village.....	549	494	273
Evansville township.....	474	589	580	Newburg township.....	811	814	882
Evansville village.....	389	483	452	Norway township.....	908	958	982
Forada village ⁷	66	.....	.....	Peterson village ¹⁵	266	.....	.....
Garfield village ⁷	160	.....	.....	Pilot Mound township.....	668	796	781
Holmes City township.....	682	761	746	Preble township.....	674	728	780
Hudson township ⁸	492	561	509	Preston township.....	592	708	.....
Ida township ⁷	729	910	746	Preston village.....	1,193	1,278	.....
Kensington village.....	244	207	.....	Rushford city.....	1,011	1,062	968
La Grand township.....	850	859	545	Rushford village ¹⁵	686	1,064	.....
Lake Mary township.....	610	709	506	Spring Valley township.....	756	900	813
Leaf Valley township.....	674	672	614	Spring Valley village.....	1,817	1,770	1,381
Lund township.....	634	687	627	Ward 1.....	937	.....	.....
Millerville township ⁹	552	690	673	Ward 2.....	330	.....	.....
Millerville village ⁸	150	.....	.....	Sumner township.....	638	821	824
Miltona township.....	417	399	228	Whalan village.....	121	134	98
Moe township.....	689	763	672	Wykoff village.....	456	495	335
Nelson village ⁴	157	.....	.....	York township.....	828	930	890
Orange township.....	418	456	343	Freeborn County.....			
Osakis township ⁴	623	703	479	Albert Lea city.....	6,192	4,500	3,305
Osakis village (part of).....	924	815	472	Ward 1.....	1,833	.....	.....
Total for Osakis village in Douglas and Todd Counties.....	1,013	917	.....	Ward 2.....	2,306	.....	.....
Solem township.....	590	622	714	Ward 3.....	1,998	.....	.....
Spruce Hill township.....	602	678	530	Albert Lea township.....	1,202	1,138	917
Urness township.....	513	616	641	Alden township.....	669	642	594
Faribault County.....				Alden village.....	544	636	276
Barber township.....	529	576	598	Bancroft township.....	979	1,024	879
Blue Earth city.....	2,319	2,900	1,569	Bath township.....	835	894	899
Ward 1.....	805	.....	.....	Carlston township.....	668	641	593
Ward 2.....	969	.....	.....	Emmons village ¹⁶	223	179	.....
Ward 3.....	455	.....	.....	Footnotes:			

¹ Randolph village incorporated from part of Randolph township in 1906.
² Not returned separately in 1890.
³ Incorporated as a city in 1909.
⁴ Nelson village incorporated from parts of Alexandria and Osakis townships in 1905.
⁵ Carlos village incorporated from part of Carlos township in 1904.
⁶ Forada village incorporated from part of Hudson township in 1905.
⁷ Garfield village incorporated from part of Ida township in 1905.
⁸ Millerville village incorporated from part of Millerville township in 1903.
⁹ County total includes population (1,108) of Winnebago City village, returned as independent in 1900.

¹⁰ Walters village incorporated from part of Foster township in 1903.
¹¹ Incorporated in 1900.
¹² Incorporated in 1903.
¹³ Exclusive of population of Winnebago City village.
¹⁴ County total includes population (929) of Rushford township, taken to form Rushford village between 1890 and 1900.
¹⁵ Peterson village incorporated in 1909 from part of Rushford village (returned as Rushford township in 1900).
¹⁶ Returned with Nunda township in 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
Freeborn County—Continued.				Hennepin County.....			
Freeborn township.....	809	842	604	Bloomington township.....	1,161	1,085	959
Freeman township.....	688	763	740	Brooklyn township.....	1,268	1,232	1,254
Geneva township.....	458	535	485	Champlin township.....	579	653	620
Geneva village.....	140	218	.....	Corcoran township.....	1,235	1,338	1,212
Glenville village ¹	368	351	.....	Crystal Lake township.....	900	750	48
Hartland township.....	640	654	708	Dayton township ¹⁰	778	1,138	1,075
Hartland village.....	227	317	.....	Dayton village ¹⁰	343	.....	.....
Hayward township.....	720	835	735	Deephaven village ¹¹	234	.....	.....
London township.....	709	733	604	Eden Prairie township.....	974	827	709
Manchester township.....	775	730	850	Edina village.....	1,191	749	531
Mansfield township.....	599	666	653	Excelsior township ¹²	898	681	468
Moscow township.....	632	745	639	Excelsior village.....	1,015	717	619
Newry township.....	713	723	640	Golden Valley village.....	692	680	509
Nunda township ²	652	725	772	Greenwood township.....	733	780	704
Oakland township.....	608	722	639	Hanover village (part of) <i>Total for Hanover village in Hennepin and</i>	107	89	.....
Pickeral Lake township.....	693	798	613	<i>Wright Counties</i>	207	259	.....
Rice Lake township.....	705	747	727	Hassan township.....	895	846	740
Shell Rock township ¹	724	980	962	Independence township.....	1,427	1,368	1,035
Goodhue County.....				Long Lake village¹³.....			
Belle Creek township.....	794	928	937	Maple Grove township.....	1,211	1,237	1,197
Belvidera township.....	753	883	930	Madina township.....	945	900	840
Burnside township.....	550	610	529	Minneapolis city.....	301,408	202,718	164,738
Cannon Falls city ³	1,385	1,230	1,078	Ward 1.....	18,920	.....	.....
Cannon Falls township.....	825	822	835	Ward 2.....	17,553	.....	.....
Central Point township.....	159	147	107	Ward 3.....	36,664	.....	.....
Cherry Grove township.....	817	865	901	Ward 4.....	35,533	.....	.....
Dennison village ⁴	184	.....	.....	Ward 5.....	29,240	.....	.....
Featherstone township.....	753	846	874	Ward 6.....	15,406	.....	.....
Florence township.....	734	824	900	Ward 7.....	20,016	.....	.....
Goodhue township.....	903	1,045	1,110	Ward 8.....	34,627	.....	.....
Goodhue village.....	408	241	.....	Ward 9.....	25,548	.....	.....
Hay Creek township.....	773	808	808	Ward 10.....	16,833	.....	.....
Holden township.....	930	910	1,005	Ward 11.....	19,134	.....	.....
Kenyon township.....	746	838	796	Ward 12.....	15,631	.....	.....
Kenyon village.....	1,237	1,202	665	Ward 13.....	16,234	.....	.....
Leon township.....	840	1,039	1,033	Minnetonka township ¹⁴	1,538	1,083	1,441
Minneapolis township.....	1,025	1,019	916	Minnetonka Beach village.....	100	101	.....
Pine Island township.....	665	691	739	Minnetrista township, including St. Bonifacius village.....	1,731	1,283	995
Pine Island village.....	834	832	548	St. Bonifacius village ¹⁵	275	.....	.....
Red Wing city.....	9,048	7,525	6,204	Orono township ¹⁶	1,311	1,080	872
Ward 1.....	1,736	.....	.....	Osseo village.....	300	346	353
Ward 2.....	2,289	.....	.....	Plymouth township.....	1,221	1,164	1,053
Ward 3.....	2,291	.....	.....	Richfield village ¹⁷	2,673	.....	.....
Ward 4.....	2,732	.....	.....	Robbinsdale village.....	705	520	.....
Roscoe township.....	909	1,012	1,050	St. Anthony township.....	100	93	92
Stanton township.....	554	517	542	St. Louis Park village.....	1,743	1,325	499
Vasa township.....	1,055	1,088	1,208	Tonka Bay village ¹⁸	107	.....	.....
Wacouta township.....	130	126	106	Wayzata village.....	492	276	273
Wanamingo township.....	1,037	1,157	1,215	West Minneapolis village.....	3,022	1,648	.....
Warsaw township ⁵	917	981	999	Houston County.....			
Welch township.....	704	790	867	Black Hammer township.....	766	783	770
Zumbrota township.....	773	926	830	Brownsville township, including Brownsville village.....	815	977	843
Zumbrota village.....	1,138	1,110	867	Brownsville village.....	391	453	447
Grant County.....				Caledonia township.....	725	807	920
Ashby village.....	334	270	231	Caledonia village.....	1,372	1,175	927
Barrett village.....	278	237	.....	Crooked Creek township.....	442	582	621
Delaware township.....	203	307	224	Hokah township, including Hokah village.....	700	938	939
Elbow Lake township.....	410	473	440	Hokah village.....	400	539	533
Elbow Lake village.....	776	625	267	Houston township.....	640	604	643
Elk Lake township.....	470	476	416	Houston village.....	700	542	536
Erdahl township.....	670	605	600	Jefferson township.....	380	305	357
Gorton township ⁷	217	318	293	La Crescent township ¹⁹	381	842	793
Herman village.....	604	550	322	La Crescent village ¹⁹	372	.....	.....
Hoffman village.....	301	270	.....	Mayville township.....	577	610	624
Land township.....	479	617	714	Money Creek township.....	682	716	700
Lawrence township.....	281	273	120	Mound Prairie township.....	731	776	716
Lien township.....	425	535	630	Sheldon township.....	658	723	726
Logan township.....	240	214	120	Spring Grove township.....	913	985	905
Maceville township.....	286	253	241	Spring Grove village.....	690	401	394
Norcross village ⁸	177	.....	.....	Union township.....	426	523	440
North Ottawa township.....	322	321	237	Wilmington township.....	918	1,002	1,087
Pellon Lake township.....	469	506	471	Winnobago township.....	732	856	842
Pomme de Terre township.....	458	529	426	Yucatan township.....	745	830	870
Roseville township.....	351	459	372	19 Dayton village incorporated from part of Dayton township in 1901.			
Sanford township.....	475	500	384	20 Incorporated from parts of Excelsior and Minnetonka townships in 1900.			
Stony Brook township ⁹	527	609	561	21 Parts taken to form parts of Deephaven and Tonka Bay villages in 1900 and 1901, respectively.			
Wendell village ¹⁰	175	.....	.....	22 Incorporated from part of Orono township in 1906.			

¹ Glenville village made independent of Shell Rock township in 1908.
² Included Emmons village in 1900.
³ Exclusive of population of Emmons village.
⁴ Exclusive of population of Glenville village.
⁵ Incorporated as a city in 1905.
⁶ Dennison village incorporated from part of Warsaw township in 1904.
⁷ Norcross village incorporated from part of Gorton township in 1904.
⁸ Wendell village incorporated from part of Stony Brook township in 1904.
⁹ County totals include population (1,537 in 1900; 1,324 in 1890) of Richfield township, taken to form Richfield village since 1900; and population (1,074 in 1890) of Crystal Lake village, part annexed to Crystal Lake township and part taken to form Robbinsdale village between 1890 and 1900.
¹⁰ Dayton village incorporated from part of Dayton township in 1901.
¹¹ Incorporated from parts of Excelsior and Minnetonka townships in 1900.
¹² Parts taken to form parts of Deephaven and Tonka Bay villages in 1900 and 1901, respectively.
¹³ Incorporated from part of Orono township in 1906.
¹⁴ Part taken to form part of Deephaven village in 1900.
¹⁵ Incorporated in 1904.
¹⁶ Parts taken to form Long Lake village in 1900 and part of Tonka Bay village in 1901.
¹⁷ Incorporated from Richfield township in 1908.
¹⁸ Incorporated from parts of Excelsior and Orono townships in 1901.
¹⁹ La Crescent village incorporated from part of La Crescent township 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
Jackson County	14,491	14,703	8,924	Kandiyohi County—Continued.			
Alba township.....	397	411	233	Willmar city ¹¹	4,135	3,400	1,825
Alpha village ¹	223	209	.....	Ward 1.....	841	.....	.....
Belmont township.....	633	714	928	Ward 2.....	1,245	.....	.....
Christiana township.....	543	500	588	Ward 3.....	1,219	.....	.....
Delafield township.....	474	453	477	Ward 4.....	830	.....	.....
Des Moines township.....	638	688	441	Willmar township ¹¹	401	¹² 522	¹³ 402
Enterprise township.....	531	520	328	Kittson County	9,669	7,889	13 5,387
Rwington township.....	477	478	202	Arveson township ¹⁴ (T. 159, R. 45).....	158	114	.....
Heron Lake township.....	449	580	491	Bronson village ¹⁵	101	.....	.....
Heron Lake village.....	803	928	406	Cannon township ¹⁶ (T. 162, R. 46).....	103	39	.....
Hunter township.....	564	572	350	Caribou township ¹⁴ (T. 163, R. 45, and frac. T. 164, R. 45).....	385	17	.....
Jackson village.....	1,007	1,760	720	Clow township.....	290	174	130
Kimball township.....	513	597	454	Davis township ¹⁷	188	300	171
La Crosse township.....	442	517	374	Deerwood township ¹⁸	230	293	146
Lakefield village.....	924	802	225	Donaldson village ¹⁹	132	.....	.....
Middleton township.....	580	570	481	Granville township ²⁰	385	.....	148
Minnesota township.....	608	506	318	Halloek township ²¹	225	²¹ 253	²¹ 194
Petersburg township.....	682	773	327	Halloek village ²²	910	805	302
Rost township.....	623	491	311	Hampden township.....	204	349	242
Round Lake township.....	494	513	144	Hazelton township.....	288	250	203
Souix Valley township.....	519	593	.....	Hill township (T. 162, R. 50).....	200	96	67
Welmur township.....	309	410	.....	Jupiter township.....	370	384	242
West Heron Lake township.....	430	375	.....	Karlstad village ²³	138	.....	.....
Wilder village.....	95	174	.....	Kennedy village ²⁴	232	158	.....
Wisconsin township ¹	543	² 525	270	Lancaster village ²⁵	204	.....	.....
Kanabec County	6,461	4,614	³ 1,579	Lancaster township ²⁶ (T. 183, R. 46, and frac. T. 164, R. 46).....	106	10	.....
Ann Lake township ⁴ (T. 40, R. 25).....	79	.....	.....	Norway township (T. 180, R. 46).....	307	230	101
Arthur township.....	548	478	.....	Pelan township.....	132	98	.....
Brunswick township.....	924	766	.....	Percy township ²⁶	162	150	55
Comfort township.....	825	630	.....	Poppleton township.....	299	276	83
Grass Lake township ⁵	805	771	.....	Red River township.....	355	391	259
Grasson village ⁶	189	.....	.....	Richardville township.....	423	269	55
Illman township.....	134	124	.....	St. Joseph township (T. 163, R. 47, and frac. T. 164, R. 47).....	186	117	34
Kanabec township, including Ogilvie village.....	387	155	.....	St. Vincent township ²⁸	598	²⁴ 463	507
Ogilvie village ⁵	270	.....	.....	St. Vincent village ²⁸	328	256	.....
Knife Lake township ⁴	499	436	.....	Skane township.....	205	247	177
Kroschel township ⁷	179	141	.....	Spring Brook township.....	342	334	269
Mora village.....	892	785	.....	Evea township.....	202	185	77
Pence township.....	199	63	.....	Tegner township ²²	237	²⁵ 246	241
Pomroy township ⁷ (T. 41, R. 22).....	226	.....	.....	Telen township.....	447	503	321
Southernfork township.....	319	160	.....	Thompson township.....	534	500	362
Whited township.....	286	105	.....	Township 101, range 45.....	38	2	.....
Kandiyohi County	18,969	18,416	13,997	Township 102, range 45.....	41	12	.....
Arctander township.....	704	741	709	Koochiching County ²⁶	6,431	(²⁷)	.....
Atwater village.....	900	688	420	Bannock township (Tps. 157 and 158, R. 26).....	47	.....	.....
Burbank township.....	401	504	523	Bear River township (T. 67, R. 26, and frac. T. 67, R. 27).....	46	.....	.....
Colfax township.....	471	485	443	Beaver township (Tps. 67 and 68, R. 23).....	50	.....	.....
Dovre township.....	582	600	585	Big Falls township (T. 154, R. 25), including Big Falls village.....	338	.....	.....
East Lake Illman township.....	651	484	.....	Big Falls village.....	325	.....	.....
Edwards township, including Raymond village.....	554	288	132	Bridge township (T. 151, R. 20).....	20	32	.....
Raymond village.....	360	420	473	Chigmar township (Tps. 67 and 68, R. 24).....	35	.....	.....
Fahlin township.....	550	620	618	Dinner Creek township (Tps. 163 and 164, R. 26).....	140	.....	.....
Gennessee township.....	606	870	710	Engelwood township (T. 151, R. 28), including Mizpah village.....	288	.....	.....
Green Lake township ⁸	528	586	665	Mizpah village.....	149	.....	.....
Harrison township.....	685	607	136	Evergreen township (T. 152, R. 27).....	108	.....	.....
Holland township.....	695	717	540	Forest Grove township (T. 152, R. 28).....	53	.....	.....
Irving township.....	640	704	807	Grand Falls township (T. 155, R. 25).....	53	7	.....
Kandiyohi township ⁹	185	.....	.....	Herry township (T. 66, R. 26, and frac. T. 66, R. 27).....	94	.....	.....
Kandiyohi village ⁹	482	523	509	Jameson township (T. 68, R. 25), including Littlefork village.....	134	.....	.....
Lake Andrew township.....	430	535	473	Littlefork village.....	104	.....	.....
Lake Elizabeth township.....	479	513	677	Koochiching township, including International Falls village.....	1,504	133	.....
Lake Illman township.....	605	651	608	International Falls village.....	1,487	.....	.....
Manire township.....	677	855	510	Lindford township (T. 157, R. 25, and frac. T. 68, R. 27).....	40	.....	.....
New London township, including New London village.....	418	369	211	Maritow township (T. 159, R. 26, and frac. T. 160, R. 26).....	94	.....	.....
New London village.....	702	708	607	Meding township (Tps. 67 and 68, R. 22).....	51	.....	.....
Norway Lake township.....	594	405	183				
Roseland township.....	544	548	403				
Roseville township.....	601	525	312				
St. Johns township, including Pennoek village.....	189	.....	.....		
Pennoek village ¹⁰	228	.....	.....		
Spleer village ⁸	593	542	500				
Whitefield township.....	.....	.....	.....	

1 Alpha village returned with Wisconsin township in 1900.
 2 Exclusive of population of Alpha village.
 3 No comparison of population can be made; county redistricted between 1890 and 1900.
 4 Ann Lake township organized from part of Knife Lake township in 1904.
 5 Grasson village incorporated from part of Grass Lake township in 1903.
 6 Incorporated in 1902.
 7 Pomroy township organized from part of Kroschel township in 1903.
 8 Spleer village incorporated from part of Green Lake township in 1904.
 9 Kandiyohi village incorporated from part of Kandiyohi township in 1904.
 10 Incorporated in 1903.
 11 Willmar village, returned with Willmar township in 1900, incorporated as a city in 1901.
 12 Exclusive of population of Willmar village.
 13 County total includes population (1,001) of townships lying to the east of the west line of range 45, not returned separately in 1890.

14 Organized in 1902.
 15 Bronson village incorporated from part of Percy township in 1905.
 16 Organized in 1904.
 17 Donaldson village incorporated from part of Davis township in 1903.
 18 Karlstad village incorporated from part of Deerwood township in 1905.
 19 Lancaster village incorporated from part of Granville township in 1905.
 20 Halloek village returned with Halloek township in 1900.
 21 Exclusive of population of Halloek village.
 22 Kennedy village made independent of Tegner township in 1909.
 23 St. Vincent village returned with St. Vincent township in 1900.
 24 Exclusive of population of St. Vincent village.
 25 Exclusive of population of Kennedy village.
 26 Organized from part of Itasca County in 1906.
 27 Comparison of population for 1900 made by minor civil divisions wherever possible.

STATISTICS OF POPULATION.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Koochiching County—Continued.				Lake County.....			
Northome village.....	206				8,011	4,654	1,299
Pinetop township (T. 151, R. 27).....	27			Beaver Bay township ¹⁰	284	399	75
Plum Creek township (T. 151, R. 25).....	18			Crystal Bay township ¹⁰	430		
Ranier village.....	190			Fall Lake township.....	541	150	
Rainy Lake City village.....	25	7		Knife River village ¹¹	491		
Ray township.....	27	59		Silver Creek township ¹²	481		
Rat Root township ¹ (T. 69, Rs. 23 and 24).....	95			Two Harbors city ¹³	4,990	3,278	(*)
Reedy township (T. 69, R. 26, frac. T. 69, R. 27, and frac. T. 70, Rs. 26 and 27).....	175	13		Ward 1.....	1,080		
Sault township (T. 159, R. 27, and frac. T. 160, R. 27).....	181			Ward 2.....	1,488		
Sturgeon River township (T. 155, Rs. 26 and 27).....	86			Ward 3.....	1,161		
Watrous township (Tps. 158 and 159, R. 25, and frac. T. 160, R. 25).....	444			Ward 4.....	1,863		
Willwood township (T. 151, R. 26).....	61			Two Harbors township ¹⁴	343	627	(*)
Williams township (frac. T. 160, R. 29).....	106			Waldo township ¹⁵	451		
Township 63, range 22.....	241			Le Sueur County.....			
Township 63, range 23.....	22				18,609	20,234	19,057
Township 63, range 25.....	9			Cleveland township ¹⁶	640	1,027	991
Township 63, range 26.....	17			Cleveland village ¹⁶	212		
Township 64, range 22.....	54			Cordova township.....	869	1,151	1,046
Township 64, range 25.....	8			Derrymane township.....	986	1,102	970
Township 64, range 26.....	46			Elysian township ¹⁷	846	18,903	18,1,004
Fractional township 64, range 27.....	10			Elysian village ¹⁷	345	459	348
Township 65, range 22.....	95			Heidelberg village.....	111	114	
Township 65, range 23.....	1			Kasota township.....	863	1,020	1,038
Township 65, range 24.....	1			Kasota village.....	700	764	655
Township 65, range 26.....	9			Kilkenny township ¹⁹	821	20,901	995
Township 66, range 23.....	3			Kilkenny village ¹⁹	208	245	
Township 66, range 24.....	52			Lanesburg township.....	1,105	1,189	1,874
Township 66, range 25.....	70			Le Sueur city.....	1,755	1,937	1,763
Township 67, range 25.....	170			Ward 1.....	923		
Township 68, range 26.....	137			Ward 2.....	832		
Township 69, range 25.....	84			Le Sueur Center village.....	741	478	169
Township 152, range 25.....	55			Lexington township.....	1,188	1,397	1,537
Township 152, range 29.....	5			Montgomery city ²¹	1,267	979	1,066
Township 153, range 25.....	23			Ward 1.....	684		
Township 153, range 28.....	6			Ward 2.....	873		
Township 154, range 27.....	14			Montgomery township.....	864	1,054	993
Township 156, range 25.....	28	5		New Prague city (ward 1).....	640	523	399
Township 156, range 28.....	9			<i>Total for New Prague city in Le Sueur and Scott Counties</i>			
Township 156, range 29.....	6				1,554	1,228	955
Township 157, range 27.....	17			Ward 1.....	640		
Township 157, range 29.....	4			Ward 2.....	914		
Township 158, range 27.....	15			Ottawa township.....	426	461	451
Township 158, range 28.....	20			Sharon township.....	861	1,073	1,142
Township 158, range 29.....	75			Tyrone township.....	877	1,030	1,008
Township 159, range 28.....	67			Washington township.....	284	295	347
Fractional township 160, range 28.....	139			Waterville city.....	1,273	1,260	937
				Ward 1.....	712		
				Ward 2.....	561		
				Waterville township.....	737	872	1,004
Lac qui Parle County.....							
	15,435	14,289	10,382	Lincoln County.....			
Agassiz township.....	461	508	552		9,874	8,966	5,691
Arena township.....	509	499	317	Alta Vista township.....	442	423	287
Augusta township ²	384	348	248	Arco village ²²	97		
Baxter township.....	585	712	676	Ash Lake township ²³	460	461	273
Bellingham village.....	359	380	166	Diamond Lake township.....	424	413	221
Boyd village.....	431	335	176	Drammen township.....	412	422	258
Camp Release township.....	498	458	475	Hansonville township.....	360	415	403
Cerro Gordo township.....	636	634	727	Hendricks township ²⁴	669	757	436
Dawson village.....	1,318	962	418	Hendricks village ²⁴	406		
Freeland township.....	467	427	263	Hope township.....	765	677	382
Garfield township.....	452	409	149	Ivanhoe village ²⁵	484		
Hamlin township.....	483	458	292	Lake Benton township.....	437	397	236
Hantheo township.....	369	467	514	Lake Benton village.....	844	890	513
Lac qui Parle township.....	470	471	497	Lake Stay township ²⁶	372	416	229
Lake Shore township ⁴	787	858	718	Limestone township.....	518	608	444
Louisburg village ⁴	88			Marble township.....	514	509	386
Madison city ⁵	1,811	1,336	625	Marshfield township.....	524	493	259
Ward 1.....	534			Royal township ²⁷	561	643	550
Ward 2.....	748			Shaokatan township.....	337	396	298
Ward 3.....	531			Tyler village.....	614	515	137
Madison township.....	551	593	486	Verdi township.....	625	631	379
Manfred township.....	298	239	138				
Marietta village ²	338	144		Lyon County.....			
Maxwell township.....	526	438	251		15,722	14,591	9,501
Mehurin township.....	331	280	169	Amfret township.....	444	407	294
Nassau village ⁶	213	134		Balaton village.....	364	209	
Ortonville city (part of).....	58	56	(*)	Clifton township.....	395	365	245
[For total, see Big Stone County.]				Coon Creek township.....	525	672	258
Perry township.....	513	503	445	Cottonwood village.....	770	549	
Providence township.....	540	550	400	Custer township.....	617	467	321
Riverside township.....	535	517	434	Eidsvold township ²⁸	472	581	413
Ten Mile Lake township.....	463	536	551	Fairview township.....	410	406	266
Walter township ⁶	418	455	288				
Yellow Bank township.....	543	592	585				

1 Organized in 1909.
 2 Marietta village made independent of Augusta township in 1901.
 3 Exclusive of population of Marietta village.
 4 Louisburg village incorporated from part of Lake Shore township in 1905.
 5 Incorporated as a city in 1902.
 6 Nassau village made independent of Walter township in 1901.
 7 Not returned separately in 1890.
 8 Exclusive of population of Nassau village.
 9 County total includes population (1,224) of Two Harbors township and Two Harbors village, not returned separately in 1890.
 10 Crystal Bay township organized from part of Beaver Bay township in 1904.
 11 Incorporated from part of Two Harbors township in 1909.
 12 Organized from part of Two Harbors township in 1905.
 13 Incorporated as a city in 1907.
 14 Parts taken to form Silver Creek township in 1905 and Knife River village and Waldo township in 1909.

15 Organized from part of Two Harbors township in 1909.
 16 Cleveland village incorporated from part of Cleveland township in 1904.
 17 Elysian village made independent of Elysian township in 1908.
 18 Exclusive of population of Elysian village.
 19 Kilkenny village made independent of Kilkenny township in 1901.
 20 Exclusive of population of Kilkenny village.
 21 Incorporated as a city in 1902.
 22 Incorporated from parts of Ash Lake and Lake Stay townships in 1904.
 23 Parts taken to form parts of Ivanhoe and Arco villages in 1901 and 1904, respectively.
 24 Hendricks village incorporated from part of Hendricks township in 1901.
 25 Incorporated from parts of Ash Lake and Royal townships in 1901.
 26 Part taken to form part of Arco village in 1904.
 27 Part taken to form part of Ivanhoe village in 1901.
 28 Part taken to form Taunton village in 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								
Lyon County—Continued.				Marshall County—Continued.											
Ghent village ¹	210	119	.....	Alvarado village ¹⁵	128	.....	.....						
Grandview township ¹	408	² 427	443	Argyle village.....	744	829	308								
Island Lake township.....	374	384	300	Augsburg township.....	281	319	313								
Lake Marshall township.....	415	377	233	Big Woods township.....	440	492	484								
Lucas township.....	462	461	466	Bloomer township.....	287	359	260								
Lynd township.....	568	488	380	Boxville township.....	108	116	86								
Lyons township ³	451	4 409	344	Cedar township.....	126	219	83								
Russell village ⁴	202			Comoto township ¹⁰ (T. 158, R. 42).....	85	79	4								
Marshall city ⁵	2,152	2,088	1,203	Comstock township.....	303	256	214								
Ward 1.....	1,138	.....	.....	Donnelly township.....	73	66	33						
Ward 2.....	1,014	.....	.....	Eagle Point township.....	204	207	143						
Minnesota village.....	810	777	325	East Park township ¹⁷ (T. 153, R. 44).....	186	255	.....							
Monroe township.....	471	387	252	East Valley township.....	118	186	58								
Nordland township.....	460	458	357	Eekvoll township ¹⁶ (T. 156, R. 40).....	100	82	.....							
Rock Lake township.....	402	404	305	Espelle township ¹⁸ (T. 154, R. 39 (part of) and T. 155, R. 39).....	194	50	.....							
Shelburne township.....	432	469	275	Excel township ¹⁹	404	486	336								
Sodus township.....	358	376	280	Foldahl township.....	261	264	290								
Stanley township.....	396	360	198	Fork township.....	183	312	.....							
Taunton village ⁶	205	.....	.....	Grand Plain township ²⁰	225	164	.....							
Tracy city.....	1,876	1,911	1,400	Holt township.....	471	510	277								
Ward 1.....	853	.....	.....	Huntly township ²¹ (T. 158, R. 43).....	105	.....	.....						
Ward 2.....	1,018	.....	.....	Lincoln township.....	281	324	114						
Vallers township.....	449	479	397	Linsell township ²² (T. 153, R. 30).....	115	.....	.....						
Westerheim township.....	495	501	456	McCrea township.....	333	400	191								
McLeod County.....				Marshall County—Continued.											
18,691				19,595				17,028							
Acoma township.....	664	732	716	Marsh Grove township.....	369	369	258								
Bergen township.....	1,053	1,182	1,215	Middle River township.....	304	367	385								
Brownville village.....	509	454	384	Middle River village ²³	149	.....	.....						
Collins township.....	621	665	507	Moose River township ²⁴ (T. 158, R. 40).....	186	44	.....							
Glencoe city ⁷	1,738	1,780	1,649	Moylan township ²⁵ (T. 154, R. 40 (part of) and T. 155, R. 40).....	142	116	242								
Ward 1.....	730	.....	.....	Nelson Park township.....	221	292	356						
Ward 2.....	1,068	.....	.....	New Folden township.....	609	540	15						
Glencoe township.....	835	837	817	New Maine township ¹⁷ (T. 157, R. 44).....	141	200	546								
Hale township.....	1,371	1,426	1,729	New Solum township.....	422	597	453								
Hassan Valley township ⁸	805	.....	.....	Oak Park township ²⁸	667	709	161						
Helen township.....	977	1,056	1,045	Oslo village ²⁹	344	.....	.....						
Hutchinson city ⁹	2,308	2,495	1,414	Parker township.....	107	280	278								
Ward 1.....	691	.....	.....	Rolls township.....	321	343	183						
Ward 2.....	737	.....	.....	Sinnott township.....	265	299	212						
Ward 3.....	940	.....	.....	Spruce Valley township ³³	618	513	265						
Hutchinson township ⁸	1,092	2,069	1,869	Stephen village ²⁷	311	²⁸ 286	²⁸ 340								
Lester Prairie village.....	420	418	189	Tamarac township ²⁷	133	319	.....							
Lynn township.....	753	823	728	Thief Lake township ²⁹	296	165	.....							
Penn township.....	588	649	592	Valley township (T. 156, R. 39).....	601	612	454								
Plato village.....	238	232	130	Veldt township ³¹ (T. 157, R. 39).....	110	44	.....							
Rich Valley township.....	1,062	1,121	1,172	Viking township.....	391	334	182								
Round Grove township.....	640	713	589	Wanger township.....	417	463	349								
Silver Lake village.....	382	321	.....	Warren city.....	1,013	1,270	648							
Stewart village.....	412	407	166	Warrenton township.....	218	285	243								
Sumter township.....	650	749	597	West Valley township.....	221	270	137								
Winsted township.....	1,167	1,185	1,251	Whiteford township ³⁰ (T. 157, R. 41).....	126	.....	.....						
Winsted village.....	296	281	267	Wright township.....	320	338	208								
Mahnomen County¹⁰.....				Martin County.....											
3,249				17,518				³⁰ 16,986				9,408			
Beaulieu township (T. 145, R. 40).....	231	.....	.....	Cedar township.....	576	575	275						
Bejou township ¹¹ (T. 146, R. 42).....	85	.....	.....	Center Creek township, including Granada village.....	840	³¹ 510	497						
Chief township (T. 145, R. 41).....	151	.....	.....	Granada village.....	333	309	.....							
Heier township (T. 146, R. 40).....	258	.....	.....	Ceylon village ³²	330	719	394						
La Garde township (T. 144, R. 40).....	162	.....	.....	East Chain township.....	684	489	306						
Lake Grove township (T. 143, R. 41).....	109	.....	.....	Elm Creek township.....	469	489	306						
Mahnomen village ¹²	798	.....	.....	Fairmont city ⁶	2,958	3,040	1,205						
Pembina township ¹³ (T. 144, R. 42).....	301	.....	.....	Ward 1.....	1,122	.....	.....						
Popple Grove township ¹³ (T. 143, R. 42).....	150	.....	.....	Ward 2.....	1,088	.....	.....						
Rosedale township (T. 144, R. 41).....	157	.....	.....	Ward 3.....	760	.....	.....						
Waubun village ¹⁴	230	.....	.....	Fairmont township.....	570	534	437						
Township 146, range 42.....	60	.....	.....	Fox Lake township ³³	532	595	351						
Township 146, range 41.....	95	.....	.....	Fraser township.....	646	603	470						
White Earth Indian Reservation (part of).....	386	.....	.....	Galena township ³⁴	401	572	243						
[For total, see Becker County.]	.....	.....	.....	Jay township.....	566	574	400					
Marshall County.....				Marshall County—Continued.											
16,338				15,698				9,130							
Agder township ¹⁴ (T. 154, R. 42 (part of) and T. 155, R. 42).....	185	80	.....	Lake Belt township ³²	572	737	388							
Atma township.....	324	294	299	Lake Fremont township, including Dunnell village.....	773	676	343								
Mahnomen County¹⁰.....				Martin County.....											
3,249				17,518				³⁰ 16,986				9,408			
3,249				17,518				³⁰ 16,986				9,408			

¹ Ghent village returned with Grandview township in 1900.² Exclusive of population of Ghent village.³ Russell village returned with Lyons township in 1900.⁴ Not returned separately in 1900.⁵ Incorporated as a city in 1901.⁶ Incorporated from part of Eidsvold township in 1900.⁷ Incorporated as a city in 1900.⁸ Hassan Valley township organized from part of Hutchinson township in 1902.⁹ Incorporated as a city in 1904.¹⁰ Organized from that part of White Earth Indian Reservation in Norman County in 1906.¹¹ Organized in 1910.¹² Mahnomen village incorporated from part of Pembina township in 1905.¹³ Waubun village incorporated from part of Popple Grove township in 1907.¹⁴ Organized in 1902 and T. 154, R. 42 (part of), annexed in 1905.¹⁵ Alvarado village incorporated from part of Vega township in 1907.¹⁶ Organized in 1901.¹⁷ Organized in 1900.¹⁸ Organized in 1902 and T. 154, R. 39 (part of), annexed in 1906.¹⁹ T. 154, R. 43 (part of), annexed in 1905.²⁰ T. 154, R. 41 (part of), annexed in 1905.²¹ Organized in 1902.²² Organized in 1907.²³ Middle River village incorporated from part of Spruce Valley township in 1905.²⁴ Organized in 1904.²⁵ Organized in 1901 and T. 154, R. 40 (part of), annexed in 1905.²⁶ Oslo village incorporated from part of Oak Park township in 1908.²⁷ Stephen village made independent of Tamarac township in 1905.²⁸ Exclusive of population of Stephen village.²⁹ Whiteford township organized from part of Thief Lake township in 1909.³⁰ County total includes population (309) of Granada village, returned as independent in 1900.³¹ Exclusive of population of Granada village.³² Ceylon village incorporated from part of Lake Belt township in 1900.³³ Parts taken to form parts of Triumph and Monterey villages in 1901 and 1902, respectively.³⁴ Parts taken to form part of Triumph village in 1901 and parts of Monterey and Ormsby villages in 1902.³⁵ Incorporated in 1901.³⁶ Incorporated from parts of Fox Lake and Galena townships in 1902.

STATISTICS OF POPULATION.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Martin County—Continued.				Morrison County—Continued.			
Nashville township.....	521	617	624	Granite township ²⁰	478	.....	.....
Ormsby village ¹ (part of).....	46	.....	.....	Green Prairie township.....	226	299	834
<i>Total for Ormsby village in Martin and</i>				Hillman township ²⁰	60	.....	.....
<i>Watonwan Counties.....</i>	<i>112</i>			Lakin township ²¹	55	.....	.....
Pleasant Prairie township.....	575	589	334	Leigh township ¹⁶	54	.....	.....
Rolling Green township.....	539	582	438	Little Falls city.....	6,078	5,774	2,854
Rutland township.....	638	609	414	Ward 1.....	1,847	.....	.....
Sherburne village.....	814	891	316	Ward 2.....	1,840	.....	.....
Silver Lake township.....	675	684	469	Ward 3.....	1,591	.....	.....
Tenhassen township.....	585	603	386	Ward 4.....	1,806	.....	.....
Triumph village ²	243	.....	.....	Little Falls township.....	356	427	217
Truman village ³	451	261	.....	Morrill township ²¹	550	345	132
Waverly township.....	585	536	248	Motley township ²²	88	226	365
Welcome village.....	543	549	140	Motley village.....	428	404	525
Westford township ⁴	522	472	260	Mount Morris township.....	54	13	.....
				Parker township.....	479	516	252
Meeker County.....	17,022	17,753	15,456	Pierz township ²⁰	631	1,049	1,287
Acton township.....	622	673	657	Pierz village.....	545	358	.....
Cedar Mills township.....	708	744	695	Pike Creek township.....	1,394	1,361	809
Collinwood township.....	1,162	1,503	1,393	Platte township.....	209	206	.....
Cosmos township.....	490	499	311	Pulaski township ²³	129	91	.....
Danielson township.....	667	690	705	Rails Prairie township.....	296	255	.....
Darwin township.....	531	550	504	Randall village ²⁴	195	.....	.....
Dassel township.....	1,009	1,181	1,164	Richardson township ²⁵	60	.....	.....
Dassel village.....	643	568	552	Ripley township.....	610	716	614
Eden Valley village (part of).....	453	386	327	Rosing township ²²	143	.....	.....
<i>Total for Eden Valley village in Meeker and</i>				Royalton village.....	676	664	562
<i>Stearns Counties.....</i>	<i>740</i>	<i>604</i>	<i>630</i>	Scandia Valley township.....	158	260	.....
Ellsworth township.....	626	744	630	Swan River township.....	1,225	1,229	968
Forest City township.....	718	817	640	Swanville township.....	826	686	.....
Forest Prairie township.....	1,036	994	814	Swanville village.....	397	244	.....
Greenleaf township.....	586	705	719	Two Rivers township ¹⁷	812	911	857
Grove City village.....	351	316	349				
Harvey township.....	618	674	634	Mower County.....	22,640	22,335	18,019
Kingson township.....	1,732	1,624	1,165	Adams township.....	658	761	542
Litchfield township.....	498	566	501	Adams village.....	576	573	216
Litchfield village.....	2,333	2,280	1,899	Austin city.....	6,960	5,474	3,961
Ward 1.....	745	.....	.....	Ward 1.....	2,197	.....	.....
Ward 2.....	972	.....	.....	Ward 2.....	2,255	.....	.....
Ward 3.....	615	.....	.....	Ward 3.....	2,588	.....	.....
Manannah township.....	698	758	562	Austin township.....	728	766	770
Swede Grove township.....	550	579	635	Bennington township.....	445	517	465
Union Grove township.....	635	652	600	Brownsdale village.....	264	261	282
Watkins village.....	366	250	.....	Clayton township.....	399	447	224
				Dexter township.....	587	661	248
Mille Lacs County.....	10,705	8,066	6,845	Dexter village.....	281	278	150
Bogus Brook township.....	945	543	.....	Elkton village ²⁶	85	.....	.....
Borgholm township.....	964	696	.....	Frankford township.....	499	589	539
East Side township ⁷ (T. 43, R. 25).....	132	49	.....	Grand Meadow township.....	511	608	566
Foreston village.....	204	263	287	Grand Meadow village.....	552	477	373
Greenbush township.....	986	871	.....	Grand Meadow township.....	895	878	710
Hayland township ⁸ (Tps. 39 and 40, R. 26).....	105	36	.....	Lansing township.....	824	725	602
Isle Harbor township ⁹ (Tps. 41 and 42, R. 25).....	488	175	.....	Le Roy township.....	702	772	523
Kathio township ¹⁰	241	232	.....	Le Roy village.....	503	546	529
Milaca township.....	718	360	.....	Lodi township.....	703	748	683
Milaca village.....	1,102	1,204	404	Lyle township.....	552	488	266
Milo township.....	1,101	904	.....	Lyle village.....	504	740	608
Onamia township ¹¹ (T. 41, R. 26 and 27).....	172	75	.....	Marshall township ²⁷	678	809	857
Onamia village ¹²	314	.....	.....	Nevada township.....	434	500	528
Page township ¹³ (Tps. 39 and 40, R. 27).....	222	55	.....	Pleasant Valley township.....	835	967	781
Princeton township.....	1,136	1,078	.....	Racine township.....	604	624	555
Princeton village.....	1,555	1,319	816	Red Rock township.....	292	204	.....
South Harbor township ¹⁴	320	201	.....	Rose Creek village.....	526	620	473
				Sargeant township ²⁸	76	.....	.....
Morrison County.....	24,053	22,891	13,325	Sargeant village ²⁹	140	115	.....
Agram township.....	292	300	221	Scopli village.....	606	645	623
Belle Prairie township ¹⁶	656	765	605	Udolpho township.....	676	745	717
Bellevue township.....	632	541	302	Waltham township.....	170	150	.....
Bowlus village ¹⁷	164	.....	.....	Waltham village.....	595	707	748
Buckman township ¹⁸	848	1,023	679				
Buckman village ¹⁸	137	.....	.....	Murray County.....	11,755	11,911	6,692
Buh township.....	713	699	.....	Avoca village.....	212	338	170
Clough township.....	272	244	.....	Belfast township.....	498	486	329
Culdrum township.....	868	888	675	Bondin township.....	515	507	318
Cushing township.....	313	263	.....	Cameron township.....	317	311	115
Darling township ¹⁹	530	.....	.....	Chanaramble township ²⁷	425	597	232
Elmdale township.....	1,574	1,425	932	Chandler village ²⁸	225	.....	.....
				Currie village ²⁹	329	.....	.....
				Des Moines River township.....	394	452	316

¹ Incorporated from part of Galena township in 1902.
² Incorporated from parts of Fox Lake and Galena townships in 1901.
³ Truman village made independent of Westford township in 1900.
⁴ Exclusive of population of Truman village.
⁵ County total includes population (5) of T. 41, R. 25, annexed to Isle Harbor township since 1900.
⁶ No comparison of population for 1890 can be made; information as to changes in minor civil divisions incomplete.
⁷ Organized in 1901.
⁸ Organized in 1903 and T. 40, R. 26, annexed in 1909.
⁹ T. 41, R. 25, annexed in 1909.
¹⁰ Name changed from Robbins in 1907.
¹¹ Organized in 1901 and T. 41, R. 27, annexed in 1909; part taken to form part of Onamia village in 1908.
¹² Incorporated from parts of Onamia and South Harbor townships in 1908.
¹³ Organized in 1901 and T. 40, R. 27, annexed in 1909.
¹⁴ Part taken to form part of Onamia village in 1908.

¹⁵ County total includes population (709) of Randall township, taken to form Darling township and Randall village since 1900.
¹⁶ Leigh township organized from part of Belle Prairie township in 1908.
¹⁷ Bowlus village incorporated from part of Two Rivers township in 1908.
¹⁸ Buckman village incorporated from part of Buckman township in 1908.
¹⁹ Organized from part of Randall township in 1907.
²⁰ Granite and Hillman townships organized from parts of Pierz township in 1902.
²¹ Lakin township organized from part of Morrill township in 1903.
²² Rosing township organized from part of Motley township in 1902.
²³ Richardson township organized from part of Pulaski township in 1903.
²⁴ Incorporated from part of Randall township in 1900.
²⁵ Elkton village incorporated from part of Marshall township in 1906.
²⁶ Sargeant village incorporated from part of Sargeant township in 1900.
²⁷ Parts taken to form Lake Wilson village and part of Chandler village in 1900.
²⁸ Incorporated from parts of Chanaramble, Fenton, and Moulton townships in 1900.
²⁹ Incorporated from part of Murray township in 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
Murray County—Continued.				Norman County ¹¹.....			
Dovray township.....	460	464	318	Ada city ¹²	1,432	1,253	622
Ellsboro township.....	501	459	234	Anthony township.....	353	451	329
Fenton township ¹	418	380	222	Bear Park township.....	672	773	531
Fulda village.....	743	886	348	Flom township.....	732	772	653
Hadley village ²	136	.....	.....	Fossum township.....	400	495	388
Holly township.....	415	466	258	Gary village ¹⁴	251	.....	.....
Iona township.....	459	404	341	Good Hope township.....	119	99	4
Iona village.....	300	355	.....	Green Meadow township.....	273	319	213
Lake Sarah township.....	454	522	314	Halstad township.....	618	758	799
Lake Wilson village ³	219	.....	.....	Halstad village.....	494	442	.....
Leeds township ²	345	367	300	Hogne township.....	238	.....	408
Ltme Lake township.....	514	582	411	Hendrum township ¹⁵	786	1,177	884
Lowville township.....	360	382	172	Hendrum village ¹⁶	355	.....	.....
Mason township.....	470	433	252	Home Lake township.....	392	561	398
Moulton township ¹	393	551	144	Lake Ida township.....	313	444	371
Murray township ⁴	448	706	544	Lee township ¹⁶	550	837	544
Shetek township.....	436	451	346	Lockhart township.....	238	237	182
Skandia township.....	450	434	302	McDonaldsville township.....	328	419	322
Slayton township.....	436	492	326	Mary township.....	389	485	435
Slayton village.....	850	833	390	Perley village ¹⁷	188	.....	.....
Nicollet County.....				Olmsted County.....			
	14,125	14,774	13,382		22,497	23,119	19,806
Belgrade township.....	862	997	1,232	Byron village.....	272	347	291
Bernadotta township.....	635	710	680	Cascade township.....	694	723	687
Brighton township.....	280	329	285	Chatfield city (part of)	353	388	372
Courtland township.....	672	734	927	[For total, see Fillmore County.]			
Courtland village.....	203	174	.....	Dover township ¹⁸	581	873	935
Granby township.....	475	474	490	Dover village ¹⁸	233	.....	.....
Lafayette township ⁵	945	1,110	1,018	Elmira township.....	548	594	557
Lafayette village ⁵	195	.....	.....	Eyota township.....	618	632	610
Lake Prairie township.....	930	1,071	1,110	Eyota village.....	423	424	377
New Sweden township.....	673	693	724	Farmington township.....	681	700	748
Nicollet township.....	659	688	706	Haverhill township.....	592	662	618
Nicollet village.....	338	330	263	High Forest township.....	797	891	834
North Mankato village.....	1,279	939	.....	High Forest village.....	127	139	163
Oshawa township.....	494	557	579	Kalmar township.....	694	856	703
Ridgely township.....	287	343	363	Marlon township.....	645	718	751
St. Peter city.....	4,176	4,302	3,671	New Haven township.....	894	934	716
Ward 1.....	1,499	.....	.....	Orion township.....	637	670	639
Ward 2.....	2,684	.....	.....	Oronoco township.....	820	943	789
Traverse township.....	456	505	583	Pleasant Grove township.....	884	955	864
West Newton township.....	656	758	691	Quincy township.....	562	676	687
Nobles County.....				Rochester city.....			
	15,210	14,932	7,968		7,844	6,843	5,321
Adrian village.....	1,112	1,258	671	Ward 1.....	2,010	.....	.....
Bigelow township ⁶	498	719	408	Ward 2.....	5,835	.....	.....
Bigelow village ⁶	195	.....	.....	Ward 3.....	1,049	.....	.....
Bloom township.....	494	519	175	Rochester township.....	574	614	612
Brewster village.....	311	234	.....	Rook Dell township.....	801	891	877
Dowald township ⁷	454	654	320	Salem township.....	689	852	765
Dundee village.....	175	217	.....	Stewartville village.....	794	830	.....
Elk township.....	421	484	248	Viola township.....	740	904	830
Ellsworth village.....	536	454	258	Otter Tail County.....			
Graham Lake township.....	450	485	361		46,036	45,375	34,232
Grand Prairie township.....	503	404	475	Aastad township.....	503	528	486
Hersoy township.....	380	386	282	Amor township.....	350	427	361
Indian Lake township.....	358	373	320	Aurdal township.....	689	845	787
Kiabrae village.....	137	137	.....	Battle Lake village.....	567	420	.....
Larkin township.....	422	496	185	Blowers township.....	442	441	216
Leota township.....	582	552	185	Bluffton township, including Bluffton village.....	691	685	333
Lismore township ⁸	443	479	328	Bluffton village ²⁰	148	.....	.....
Lismore village ⁸	208	.....	.....	Buse township.....	400	437	333
Little Rock township.....	585	532	438	Butler township.....	362	259	179
Lorain township.....	422	378	234	Candor township ²¹	367	375	300
Olney township.....	440	486	257	Carlisle township.....	333	417	288
Ransom township.....	404	428	249	Clitheral township.....	499	645	831
Round Lake village.....	237	226	.....	Clitheral village.....	187	167	.....
Rushmore village ⁷	237	.....	.....	County total is exclusive of population of White Earth Indian Reservation, not returned separately by counties in 1900.			
Seward township.....	559	558	324	¹³ Incorporated as a city in 1903.			
Summit Lake township.....	429	497	148	¹⁴ Gary village incorporated from part of Strand township in 1901.			
Westside township.....	430	438	310	¹⁵ Hendrum village incorporated from part of Hendrum township in 1901.			
Willmont township ⁹	613	699	329	¹⁶ Perley village incorporated from part of Lee township in 1906.			
Willmont village ⁹	253	.....	.....	¹⁷ Shelly village incorporated from part of Shelly township in 1900.			
Worthington city ¹⁰	2,385	2,386	1,164	¹⁸ Dover village incorporated from part of Dover township in 1903.			
Ward 1.....	1,134	.....	.....	¹⁹ County totals include population (1,033 in 1900; 624 in 1890) of Pelican Rapids village, returned as independent in 1900 and 1890.			
Ward 2.....	1,251	.....	.....	²⁰ Incorporated in 1903.			
Worthington township.....	400	393	289	²¹ Part taken to form part of Vergas village in 1905.			

¹ Part taken to form part of Chandler village in 1900.
² Hadley village incorporated from part of Leeds township in 1903.
³ Incorporated from part of Chanaramble township in 1900.
⁴ Part taken to form Currie village in 1900.
⁵ Lafayette village incorporated from part of Lafayette township in 1900.
⁶ Bigelow village incorporated from part of Bigelow township in 1900.
⁷ Rushmore village incorporated from part of Dewald township in 1900.
⁸ Lismore village incorporated from part of Lismore township in 1902.
⁹ Willmont village incorporated from part of Willmont township in 1900.
¹⁰ Incorporated as a city in 1909.
¹¹ That part of White Earth Indian Reservation in Norman County taken to form Mahanomen County in 1906.

¹² County total is exclusive of population of White Earth Indian Reservation, not returned separately by counties in 1900.
¹³ Incorporated as a city in 1903.
¹⁴ Gary village incorporated from part of Strand township in 1901.
¹⁵ Hendrum village incorporated from part of Hendrum township in 1901.
¹⁶ Perley village incorporated from part of Lee township in 1906.
¹⁷ Shelly village incorporated from part of Shelly township in 1900.
¹⁸ Dover village incorporated from part of Dover township in 1903.
¹⁹ County totals include population (1,033 in 1900; 624 in 1890) of Pelican Rapids village, returned as independent in 1900 and 1890.
²⁰ Incorporated in 1903.
²¹ Part taken to form part of Vergas village 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
Pine County—Continued.				Polk County—Continued.			
Sandstone township, ¹ including Sandstone village.....	2,032	1,385	.....	Hubbard township.....	619	781	530
Sandstone village.....	1,818	1,189	517	Huntsville township.....	606	703	629
Sturgeon Lake township, including Sturgeon Lake village.....	572	437	.....	Johnson township.....	247	263	.....
Sturgeon Lake village ²	188	.....	.....	Kertsonville township.....	177	272	250
Wilma township ³ (T. 42, Rs. 16 and 17).....	97	.....	.....	Keystone township.....	184	314	243
Windemere township.....	558	375	472	King township.....	581	659	747
Pipestone County.....				Knute township.....	656	692	565
Aetna township.....	363	321	147	Lengby village ⁴	107	.....	.....
Altona township.....	409	432	252	Lessor township.....	520	623	515
Burke township.....	371	357	337	Liberty township.....	208	307	275
Eden township.....	563	600	476	Lowell township.....	649	558	498
Edgerton village.....	381	450	178	McIntosh village.....	634	569	.....
Elmer township.....	424	374	314	Mentor village ⁵	222	.....	.....
Fountain Prairie township.....	427	411	232	Nesbit township.....	127	341	248
Grange township.....	293	316	308	Northland township.....	412	477	287
Gray township.....	435	363	228	Onstad township.....	159	248	178
Holland village.....	293	255	.....	Parnell township.....	131	138	140
Jasper village (part of).....	591	447	372	Queen township.....	587	573	373
Total for Jasper village in Pipestone and Rock Counties.....	704	559	.....	Reis township ⁶	215	406	203
Osborne township.....	487	445	267	Rhinehart township.....	225	160	.....
Pipestone city ⁷	2,475	2,536	1,232	Roome township.....	356	508	391
Ward 1.....	1,325	.....	.....	Rosebud township.....	566	674	620
Ward 2.....	1,150	.....	.....	Russia township.....	247	315	166
Rock township.....	393	312	160	Sandsville township.....	221	263	127
Ruthon village.....	290	323	.....	Scandia township.....	100	196	59
Sweet township.....	479	415	241	Sletten township.....	548	689	533
Trosky village.....	181	215	.....	Sullivan township.....	282	334	238
Troy township.....	472	431	308	Tabor township.....	420	538	388
Woodstock village.....	226	211	.....	Tilden township.....	230	206	219
Polk County.....				Tynsid township.....	217	226	280
Andover township.....	303	335	304	Vineland township.....	500	555	471
Angus township.....	235	239	171	Winger township.....	728	758	509
Badger township.....	391	488	433	Woodside township.....	539	518	351
Belgium township.....	77	93	83	Pope County.....			
Beltrami village ⁸	149	.....	.....	Banger township.....	322	389	280
Brandsvold township.....	671	744	580	Barsness township.....	476	497	369
Brandt township ⁷ (T. 153, R. 46).....	70	150	36	Ben Wade township ¹¹	524	718	790
Brislet township.....	170	132	116	Blue Mounds township.....	557	647	565
Byglund township.....	613	714	433	Chippewa Falls township.....	498	509	449
Chester township.....	501	408	130	Cyrus village.....	272	107	.....
Climax village.....	369	256	.....	Farwell village ¹¹	141	.....	.....
Columbia township ⁹	552	715	451	Glechrist township.....	420	473	378
Crookston city.....	7,559	5,359	3,457	Glenwood township.....	484	485	410
Ward 1.....	1,066	.....	.....	Glenwood village.....	2,161	1,110	627
Ward 2.....	1,207	.....	.....	Grove Lake township.....	314	392	403
Ward 3.....	1,038	.....	.....	Hoff township.....	443	513	417
Ward 4.....	1,270	.....	.....	Lake Johanna township.....	350	410	358
Ward 5.....	553	.....	.....	Langhei township.....	522	581	512
Ward 6.....	672	.....	.....	Leven township.....	386	443	371
Ward 7.....	955	.....	.....	Lowry village.....	252	260	.....
Ward 8.....	908	.....	.....	Minnewaska township.....	308	278	210
Crookston township.....	367	401	251	New Prairie township.....	463	461	543
East Grand Forks city.....	2,533	2,077	795	Nora township.....	533	652	611
Ward 1.....	324	.....	.....	Reno township.....	474	503	468
Ward 2.....	264	.....	.....	Rolling Fork township.....	463	510	399
Ward 3.....	482	.....	.....	Sedan village.....	127	153	.....
Ward 4.....	1,463	.....	.....	Starbuck village.....	497	469	224
Eden township.....	711	629	210	Villard village.....	260	249	203
Ersine village.....	324	156	.....	Walden township.....	468	531	435
Esther township.....	370	337	.....	Westport township.....	477	543	457
Euclid township.....	309	359	262	White Bear Lake township.....	554	598	553
Fairfax township.....	353	370	295	Ramsey County.....			
Fanny township.....	272	169	158	Mounds View township.....	1,115	1,003	692
Farley township.....	161	167	176	New Brighton village.....	375	350	355
Fertile village.....	614	587	273	New Canada township.....	2,012	1,644	1,276
Fisher township, including Fisher village.....	663	895	866	North St. Paul village.....	1,404	1,110	1,099
Fisher village.....	228	410	431	Rose township.....	1,098	1,076	825
Fosston village.....	1,075	864	207	St. Paul city.....	214,744	163,065	133,156
Garden township.....	656	778	638	Ward 1.....	23,893	.....	.....
Garfield township.....	633	690	615	Ward 2.....	18,902	.....	.....
Gentilly township.....	405	473	514	Ward 3.....	8,302	.....	.....
Godfrey township.....	398	544	516	Ward 4.....	14,214	.....	.....
Grand Forks township.....	322	308	330	Ward 5.....	22,278	.....	.....
Grove Park township ⁹	320	508	305	Ward 6.....	21,848	.....	.....
Gully township ⁷ (T. 150, R. 39).....	457	252	.....	Ward 7.....	25,390	.....	.....
Hammond township.....	153	262	100	Ward 8.....	23,210	.....	.....
Helgeland township ¹⁰	121	146	14	Ward 9.....	18,974	.....	.....
Higden township.....	252	359	541	Ward 10.....	9,614	.....	.....
Hill River township.....	572	538	446	Ward 11.....	11,063	.....	.....
				Ward 12.....	10,931	.....	.....
				White Bear township.....	1,422	1,018	1,037
				White Bear Lake village.....	1,505	1,288	1,356

¹ Parts taken to form Danforth and Wilma townships in 1904 and 1907, respectively.

² Incorporated in 1901.

³ Organized from part of Sandstone township in 1907; part taken to form Arna township in 1910.

⁴ Incorporated as a city in 1901.

⁵ County total includes population (6,363) of territory taken to form Red Lake County between 1890 and 1900.

⁶ Beltrami village incorporated from part of Reis township in 1901.

⁷ Organized in 1901.

⁸ Lengby village incorporated from part of Columbia township in 1904.

⁹ Mentor village incorporated from part of Grove Park township in 1902.

¹⁰ Returned as Helgeland in 1900.

¹¹ Farwell village incorporated from part of Ben Wade township in 1905.

STATISTICS OF POPULATION.

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
Red Lake County ¹	6,584	12,195	(²)	Renville County	23,123	23,693	17,099
Black River township ⁴ (T. 152, R. 44, secs. 25 to 36).....	120	346	262	Bandon township.....	653	788	827
Dear Park township ⁵ (T. 152, R. 40, secs. 25 to 36).....	193	.....	.....	Beaver Falls township.....	436	565	614
Emardville township ⁶	193	301	84	Birch Cooley township.....	576	702	653
Equality township.....	488	455	.....	Bird Island township ²³	394	24 431	24 278
Garness township.....	289	367	37	Bird Island village ²³	931	846	441
Gervais township.....	367	333	277	Boon Lake township.....	651	658	578
Lake Pleasant township.....	263	380	345	Brookfield township.....	570	603	227
Lambert township.....	538	494	401	Cairo township, including Fairfax village.....	1,563	1,362	1,010
Louisville township.....	395	490	467	Fairfax village.....	315	612	551
Louisville township ⁷ (T. 152, R. 41, secs. 25 to 36).....	98	8 87	43	Camp township.....	618	643	622
Polk Center township ⁴ (T. 152, R. 45, secs. 25 to 36).....	186	371	307	Crooks township.....	600	634	256
Poplar River township.....	554	395	378	Emmett township.....	599	632	625
Plummer village ⁸	139	.....	.....	Ericson township.....	607	693	585
Red Lake Falls city.....	1,757	1,885	774	Flora township.....	554	654	734
Ward 1.....	439	.....	.....	Franklin village.....	439	439	284
Ward 2.....	373	.....	.....	Hawk Creek township.....	522	602	687
Ward 3.....	948	.....	.....	Hector township ²⁴	550	26 579	26 369
Red Lake Falls township (T. 151, R. 44).....	283	391	306	Hector village ²⁵	866	654	354
River Falls township ⁴ (T. 152, R. 43, secs. 25 to 36).....	95	329	259	Henryville township.....	596	651	644
Terrebonne township.....	571	579	419	Kingman township.....	517	470	132
Wyandotte township ⁴ (T. 152, R. 42, secs. 25 to 36).....	95	8 311	204	Martinsburg township.....	643	586	360
				Melville township.....	489	582	264
				Morton village.....	761	789	453
				Norfolk township.....	439	504	426
				Olivia village ²⁶	960	970	263
				Oscola township.....	522	554	153
				Palmyra township.....	651	714	552
				Preston Lake township, including Buffalo Lake village.....	967	928	457
				Buffalo Lake village.....	371	339	.....
Redwood County	13,425	17,261	9,386	Renville city ²⁷	1,182	1,075	413
Belview village ⁹	290	254	.....	Sacred Heart township ²⁸	953	29 1,015	29 1,098
Brookville township.....	610	621	582	Sacred Heart village ²⁸	587	538	327
Charlestown township ¹⁰	532	11 525	546	Troy township, including Danube village.....	801	723	426
Clements village ¹²	132	.....	.....	Danube village ²⁹	217	.....	.....
Delhi township ¹³	471	516	391	Wang township.....	707	770	876
Delhi village ¹³	159	.....	.....	Wellington township.....	597	662	586
Gales township.....	411	441	272	Winfield township.....	622	677	452
Granite Rock township ¹⁴	560	539	140				
Honner township, including North Redwood village.....	248	262	187	Rice County	25,911	26,080	23,968
North Redwood village ¹⁵	143	.....	.....	Bridgewater township.....	844	986	1,058
Johnsonville township.....	458	499	249	Cannon City township.....	1,076	1,066	1,057
Kintire township ⁹	429	16 437	253	Dundas village.....	357	493	554
Lamberton township.....	634	612	350	Erin township.....	925	1,040	910
Lamberton village.....	659	624	202	Faribault city.....	9,001	7,868	6,520
Lucan village ¹⁴	98	.....	.....	Ward 1.....	2,138	.....	.....
Milroy village ¹⁷	137	.....	.....	Ward 2.....	2,183	.....	.....
Morgan township.....	525	459	196	Ward 3.....	1,778	.....	.....
Morgan village.....	553	592	301	Ward 4.....	2,908	.....	.....
New Avon township.....	494	547	284	Forest township.....	622	919	822
North Hero township ¹⁸	450	583	255	Morristown township.....	911	1,026	1,040
Paxton township.....	529	588	423	Morristown village.....	592	539	517
Redwood Falls city.....	1,666	1,661	1,238	Nerstrand village.....	292	256	.....
Ward 1.....	334	.....	.....	Northfield city.....	3,265	3,210	2,659
Ward 2.....	832	.....	.....	Ward 1.....	879	.....	.....
Redwood Falls township.....	362	337	189	Ward 2.....	1,090	.....	.....
Revere village ¹⁸	194	.....	.....	Ward 3.....	1,296	.....	.....
Sanborn village ¹⁹	462	351	.....	Northfield township.....	721	764	826
Seaforth village ¹⁹	158	.....	.....	Richland township.....	675	789	743
Sheridan township ¹⁹	537	699	317	Shieldsville township.....	807	925	875
Sherman township.....	380	353	249	Vesell village.....	235	249	182
Springdale township.....	476	431	299	Walcott township.....	897	1,127	1,028
Sundown township.....	648	661	453	Warsaw township.....	826	854	867
Swedes Forest township.....	336	349	370	Webster township.....	986	1,071	1,010
Three Lakes township ¹²	512	512	274	Wells township.....	800	921	979
Underwood township.....	441	497	238	Wheatland township, including Lonsdale village.....	1,179	1,082	1,448
Vall township ²⁰	553	21 497	213	Lonsdale village ¹⁵	271	.....	.....
Vesta township.....	505	531	199	Wheatland village.....	85	135	.....
Vesta village.....	243	214	.....	Wheeling township.....	615	710	573
Wabasso village ²⁰	343	178	.....			
Walnut Grove village.....	366	447	127	Rock County	10,222	9,668	6,817
Wanda village ²²	129	.....	.....	Battle Plain township.....	449	464	248
Waterbury township.....	658	514	175	Beaver Creek township.....	699	736	633
Westline township ¹⁷	446	372	141	Beaver Creek village.....	195	186	232
Willow Lake township ²³	548	603	293	Clinton township.....	676	624	473

¹ Part taken to form Pennington County in 1910.
² County total includes population (4,621) of Bray, Norden, North, Numedal, Rocksbury, and Sanders townships, and T. 153, R. 42, St. Hilarie village, and Thief River Falls city, but is exclusive of population of Red Lake Indian Reservation (returned in 1900 as in Beltrami County only), taken to form part of Pennington County since 1900.
³ Comparison of population for 1890 made by minor civil divisions wherever possible.
⁴ Part taken to form part of Pennington County in 1910.
⁵ Organized in 1905; part taken to form part of Pennington County in 1910.
⁶ Plummer village incorporated from part of Emardville township in 1904.
⁷ Organized in 1906; part taken to form part of Pennington County in 1910.
⁸ Exclusive of population of Indian reservation.
⁹ Belview village returned with Kintire township in 1900.
¹⁰ Sanborn village returned with Charlestown township in 1900.
¹¹ Exclusive of population of Sanborn village.
¹² Clements village incorporated from part of Three Lakes township in 1903.
¹³ Delhi village incorporated from part of Delhi township in 1902.
¹⁴ Lucan village incorporated from part of Granite Rock township in 1904.
¹⁵ Incorporated in 1903.
¹⁶ Exclusive of population of Belview village.
¹⁷ Milroy village incorporated from part of Westline township in 1902.
¹⁸ Revere village incorporated from part of North Hero township in 1900.
¹⁹ Seaforth village incorporated from part of Sheridan township in 1900.
²⁰ Wabasso village returned with Vall township in 1900.
²¹ Exclusive of population of Wabasso village.
²² Wanda village incorporated from part of Willow Lake township in 1901.
²³ Bird Island and Olivia villages made independent of Bird Island township in 1903 and 1904, respectively.
²⁴ Exclusive of population of Bird Island and Olivia villages.
²⁵ Hector village made independent of Hector township since 1900.
²⁶ Exclusive of population of Hector village.
²⁷ Incorporated as a city in 1900.
²⁸ Sacred Heart village made independent of Sacred Heart township in 1906.
²⁹ Exclusive of population of Sacred Heart village.
³⁰ Incorporated in 1901.

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
Rook County—Continued.				St. Louis County			
Denver township ¹	451	441	200	Alborn township.....	266	62	
Hardwick village ²	202	259		Allen township.....	(³⁴)	170	
Hills village ³	393			Angora township ¹⁵ (T. 61, R. 18).....	255		
Jasper village (part of)	113	112	(⁴)	Ault township ¹⁶ (Tps. 55 and 56, Rs. 12 and 13).....	474	76	
[For total, see Pipestone County.]				Aurora village ²⁵	1,019		
Kanaranzi township.....	492	512	343	Bentley township ¹⁸ (Tps. 63 and 64, R. 18).....	53	12	
Luverne city ⁵	2,540	2,223	1,460	Biwabik township ²⁶	778	57,574	
North ward.....	1,778			Biwabik village ²⁶	1,000	1,200	
South ward.....	1,568			Bretting township.....	1,214	2,034	
Luverne township.....	481	454	304	Buyck township ¹⁸ (T. 65, Rs. 17 and 18, and T. 66, Rs. 17, 18, and 19).....	287	15	
Magnolia township, including Magnolia village.....	547	539	407	Canosia township ²⁸	242	221	
Magnolia village.....	189	170		Chisholm village ²⁹	7,684		
Martin township ⁶	794	1,183	1,010	Clinton township, including Iron Junction vil-			
Mound township.....	471	449	325	Iron Junction village.....	310	224	
Rose Dell township.....	545	543	307	Iron Junction village.....	76	118	
Springwater township.....	638	580	415	Cotton township ⁷ (T. 54, Rs. 10 and 17).....	325		
Vienna township.....	441	378	274	Culver township, including Brookston village.....	331	185	
				Brookston village ³⁰	160		
Roseau County	11,388	6,994		Duluth city.....	78,400	52,000	33,115
Algoma township ⁹ (T. 163, R. 37, and frac. T. 104, R. 37).....	59			Ward 1.....	10,608		
American township ⁷ (T. 161, R. 37).....	151	15		Ward 2.....	10,506		
Badger village ⁸	395	164		Ward 3.....	6,361		
Barnett township ⁹ (T. 160, R. 42).....	309	137		Ward 4.....	6,867		
Barto township.....	500	502		Ward 5.....	10,738		
Blooming Valley township ¹⁰ (T. 163, R. 44, and frac. T. 164, R. 44).....	160			Ward 6.....	8,001		
Cedarbend township ⁴ (T. 162, R. 37).....	79	30		Ward 7.....	16,422		
Clear River township ⁷ (T. 161, R. 30).....	193			Ward 8.....	9,160		
Door township ¹¹ (T. 159, R. 43).....	284	74		Duluth township.....	358	194	
Dawey township.....	271	260		Ely city.....	3,572	3,717	901
Dieter township (T. 163, R. 41, and frac. T. 164, R. 41).....	386	492		Ward 1.....	1,325		
Falm township ¹² (T. 161, R. 38).....	170	16		Ward 2.....	815		
Golden Valley township ¹³ (T. 159, R. 39).....	141			Ward 3.....	1,422		
Greenbush village ¹⁴	274			Embaras township ¹⁶ (T. 60, Rs. 14 and 15).....	648	49	
Grimstad township.....	214	98		Eveleth city ³¹	7,036	2,752	
Herein township ¹⁴	242	103		Ward 1.....	1,010		
Huss township ¹⁵ (T. 159, R. 42).....	306			Ward 2.....	1,283		
Jadis township ¹⁶	538	17,564		Ward 3.....	1,721		
Laona township ¹⁶ (T. 162, R. 35, and frac. T. 163, R. 35).....	110	147		Not in ward.....	3,022		
Lind township.....	232	261		Fall Lake village ³²	426		
Maltng township.....	300	356		Fayal township ³³	1,441	1,016	
Micknook township.....	199	130		Fern township ¹⁷ (T. 60, R. 20).....	144		
Moose township.....	308	386		Field township ¹⁸ (T. 62, Rs. 18 and 19).....	550	62	
Moranville township.....	234	77		Floodwood township, including Floodwood vil-			
Norcan township.....	172	126		Floodwood village.....	745	310	
Oaks township ¹⁹ (T. 161, R. 35).....	95			Floodwood village.....	481	224	
Palmyra township ¹⁹ (T. 159, R. 40).....	117	47		Frederberg township ³⁶	115		
Pohlitz township.....	180	243		French township ¹⁶ (T. 60, R. 21).....	167		
Polonia township.....	270	248		Gnesen township.....	280	248	
Poplar Grove township ¹⁹ (T. 159, R. 41).....	200			Grand Lake township.....	283	104	
Roosevelt village ¹⁸	252			Great Scott township (Tps. 58 and 59, R. 19), including Buhl village.....	2,322	108	
Roseau village ¹⁶	644	301		Buhl village ³⁴	1,005		
Ross township.....	399	406		Halden township ⁷ (T. 51, R. 21).....	265	75	
Skagen township ⁸	204	360		Hermann township.....	925	625	
Soler township.....	297	258		Hibbing village ³⁵	8,832	2,491	
Spruce township.....	250	261		Industrial township.....	362	168	
Stafford township.....	260	342		Kelsey township.....	194	291	
Stokes township.....	314	348		Kugler township ¹⁰ (T. 61, R. 15).....	130	82	
Warroad village ²¹	927	238		Lakewood township ⁹ (T. 51, R. 13, part of).....	224		
Township 159, range 37.....	53			Lavell township ¹⁹ (Tps. 55 and 56, Rs. 19 and 20).....	548		
Township 160, range 38.....	49			Lelding township ¹⁹ (Tps. 64 and 65, Rs. 10 and 20).....	610	22	
Township 160, range 38.....	128			Linden Grove township ¹² (Tps. 62 and 63, R. 20).....	223		
Township 162, range 38.....	131	12		McDavitt township.....	357	156	
Township 162, range 44.....	60	7		McKinley village ³⁷	411	202	
Township 163, range 38.....	112			Meadow Lands township ⁷ (T. 63, Rs. 18 and 19).....	451		
Township 163, range 38.....	33	33		Mesaba township, including Mesaba village.....	697	97	
Township 163, range 40.....	4			Mesaba village.....	84	68	
Township 163, range 40.....	4			Midway township.....	525	324	
Township 163, range 48.....	4			Missabe Mountain township, ³⁸ including Gilbert village.....	5,410	2,246	
Fractional township 164, range 38.....	1			Gilbert village ³⁸	1,700		
Fractional township 164, range 38.....	3			Morcom township ⁷ (T. 61, R. 21).....	76	1	
Fractional township 164, range 30.....	16	22		Morse township ³¹	907	493	

¹ Hardwick village returned with Denver township in 1900.
² Exclusive of population of Hardwick village.
³ Hills village incorporated from part of Martin township in 1904.
⁴ Not returned separately, in 1890.
⁵ Incorporated as a city in 1904.
⁶ Organized in 1902.
⁷ Organized in 1903.
⁸ Badger village made independent of Skagen township in 1906.
⁹ Organized in 1901.
¹⁰ Organized in 1908.
¹¹ Organized in 1900.
¹² Organized in 1907.
¹³ Organized in 1906.
¹⁴ Greenbush village incorporated from part of Herein township in 1904.
¹⁵ Organized in 1905.
¹⁶ Roseau village returned with Jadis township in 1900.
¹⁷ Exclusive of population of Roseau village.
¹⁸ Laona township organized in 1902; Roosevelt village incorporated from part of Laona township in 1905.
¹⁹ Organized in 1904.
²⁰ Exclusive of population of Badger village.

²¹ Returned as Warroad township in 1900.
²² County total includes population (881) of Vermilion Lake Indian Reservation and part of Boies Fort Indian Reservation, opened to settlement since 1900.
²³ No comparison of population for 1890 can be made; information as to changes in minor civil divisions incomplete.
²⁴ No population reported.
²⁵ Incorporated from part of T. 68, R. 15, in 1903.
²⁶ Biwabik and McKinley villages returned with Biwabik township in 1900.
²⁷ Exclusive of population of Biwabik and McKinley villages.
²⁸ Frederberg township organized from part of Canosia township in 1904.
²⁹ Incorporated from part of Stantz township in 1901.
³⁰ Incorporated in 1907.
³¹ Returned with Missabe Mountain township in 1900. Incorporated as a city in 1902 and parts of Fayal and Missabe Mountain townships annexed in 1910.
³² Fall Lake village incorporated from part of Morse township in 1906.
³³ Part annexed to Eveleth city in 1910.
³⁴ Incorporated in 1901.
³⁵ Returned with Stantz township in 1900.
³⁶ Included Eveleth village in 1900. Part annexed to Eveleth city in 1910.
³⁷ Exclusive of population of Eveleth village.
³⁸ Incorporated in 1908.

STATISTICS OF POPULATION.

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
St. Louis County—Continued.				St. Louis County—Continued.			
Mountain Iron village	1,343	470		Township 68, range 20	(10)	9	
New Independence township	241	77		Township 68, range 21	(10)	2	
Nichols township, including Costin village.	640	460		Fractional township 69, range 17	(10)	5	
<i>Costin village</i> ¹	231			Fractional township 69, range 18	5	7	
Normania township ² (Tps. 52 and 53, R. 13)	251	50		Township 69, range 20	10		
Northland township ³ (T. 53, R. 17)	79	29		Township 69, range 21	17		
Pike township ⁴ (T. 60, R. 16)	340			Fractional township 70, range 18	5	3	
Prairie Lake township ⁴ (T. 50, Rs. 20 and 21)	199	41		Fractional township 70, range 19	(10)	7	
Proctorknott village	2,243	784		Fractional township 70, range 20	1	3	
Rice Lake township	580	231		Boise Fort Indians ¹¹ , range 20	210		
St. Louis township ⁵ (T. 58, R. 13)	218						
Solway township	332	115		Scott County			
Stuntz township ⁶	5,577	4,083			14,888	15,147	13,831
Sturgeon township ⁷ (T. 61, R. 20)	135	2		Belle Plaine borough ¹²	1,204	1,121	814
Tower city	1,111	1,366	1,110	Belle Plaine township ¹²	933	11,147	11,980
Van Buren township ⁸ (T. 52, R. 20)	196	73		Blakely township	663	808	857
Virginia city	10,473	2,962		Cedar Lake township	330	952	879
<i>Ward 1</i>	2,080			Credit River township	445	455	347
<i>Ward 2</i>	2,691			Eagle Creek township	661	718	716
<i>Ward 3</i>	1,784			Glendale township, including Hamilton village	471	407	327
<i>Ward 4</i>	1,100			<i>Hamilton village</i>	271	179	
<i>Ward 5</i>	924			Helena township	1,189	1,192	1,245
<i>Ward 6</i>	1,974			Jackson township	242	214	209
White township ⁴ (Tps. 57, 58, and 59, R. 18)	1,036	7		Jordan city	1,151	1,270	1,233
Wouri township ⁹ (T. 59, R. 17)	222			<i>Ward 1</i>	698		
Township 50, range 18 (part of)	105			<i>Ward 2</i>	465		
Township 50, range 19	67	6		Louisville township	339	356	422
Township 51, range 19	57	13		New Market township, including New Market village	1,313	1,276	1,009
Township 52, range 19	27	6		<i>New Market village</i>	203	157	
Township 52, range 21	69	4		New Prague city (ward 2)	914	705	556
Township 53, range 15	27			[For total, see Le Sueur County.]			
Township 53, range 16	16			St. Lawrence township	253	293	234
Township 53, range 20	43	3		Sand Creek township	945	1,015	1,045
Township 53, range 21	198	86		Shakopee city	2,302	2,047	1,757
Township 54, range 13	14			<i>Ward 1</i>	698		
Township 54, range 14	4	89		<i>Ward 2</i>	698		
Township 54, range 15	169			<i>Ward 3</i>	908		
Township 54, range 20	85			Spring Lake township, including Prior Lake village	1,034	1,171	1,101
Township 54, range 21	36	12		<i>Prior Lake village</i>	162	148	
Township 55, range 15	14			Sherburne County			
Township 55, range 16	13				8,136	7,281	5,808
Township 55, range 17	24			Baldwin township	588	416	285
Township 55, range 18	31			Becker township, including Becker village	1,012	898	758
Township 55, range 21	69	2		<i>Becker village</i> ¹⁴	210		
Township 56, range 14	(10)			Big Lake township	564	531	574
Township 56, range 15	252			Big Lake village	229	177	
Township 56, range 16	196	3		Bluehill township	358	413	280
Township 56, range 17	69			Clear Lake township, including Clear Lake village	701	637	562
Township 56, range 21	56	12		<i>Clear Lake village</i>	223	222	
Township 57, range 12	70			Elk River township	548	515	389
Township 57, range 13	26			Elk River village	859	831	679
Township 57, range 14	(10)	27		Haven township ¹⁵	547	596	370
Township 57, range 16	95			Livonia township, including Lake Fremont village	631	501	388
Township 57, range 19	79			<i>Lake Fremont village</i> ¹⁶	175		
Township 58, range 14	62	37		Orrock township	446	505	469
Township 59, range 12	(10)	2		Palmer township	376	330	204
Township 59, range 13	100			St. Cloud city ¹⁷ (ward 7)	809	410	495
Township 59, range 18	62			[For total, see Benton County.]			
Township 59, range 20	48			Santiago township	468	521	446
Township 59, range 21	14			Sibley County			
Township 60, range 13	2				15,540	16,862	15,199
Township 60, range 17	165	16		Alsberg township	777	858	631
Township 60, range 18	43	9		Arlington township	813	976	925
Township 60, range 19	122			Arlington village	733	712	417
Township 61, range 12	56			Bismarck township	653	669	639
Township 61, range 13	5			Cornish township	646	762	700
Township 61, range 16	207	14		Dryden township	547	622	656
Township 61, range 17	(10)	1		Faxon township	403	469	498
Township 61, range 19	335			Gaylord village	610	608	337
Township 62, range 16	198	22		Gibbon township	533	545	282
Township 62, range 17	12	37		Grafton township	688	702	562
Township 62, range 21	197			Green Isle township	778	930	892
Township 63, range 14	14	58		Green Isle village	256	275	219
Township 63, range 16	(10)	40		Henderson city	753	904	909
Township 63, range 17	89			Henderson township	662	805	719
Township 63, range 19	270			Jessenland township	766	890	871
Township 64, range 12	6			Kelso township	619	665	1,033
Township 64, range 13	10			Moltke township	711	669	553
Township 64, range 14	18	2		New Auburn township ¹⁷	669	10,769	980
Township 64, range 16	8			New Auburn village ¹⁷	281	274	
Township 64, range 17	15	1		Severance township	664	697	650
Township 64, range 21	34	5		Sibley township	571	684	731
Township 65, range 15	14			Transit township	636	731	684
Township 65, range 16	7	3		Washington Lake township	748	833	823
Township 65, range 21	82			Winthrop city ¹⁸	1,043	813	438
Township 66, range 16	1	5					
Township 66, range 20	18						
Township 66, range 21	14	5					
Township 67, range 17	15	10					
Township 67, range 18	(10)	1					
Township 67, range 19	(10)	2					
Township 67, range 20	54						
Township 67, range 21	285	1					
Township 68, range 17	3						

¹ Incorporated in 1907.
² Organized in 1904.
³ Organized in 1905.
⁴ Organized in 1906.
⁵ Included Hibbing village in 1900. Part taken to form Chisholm village in 1901.
⁶ Exclusive of population of Hibbing village.
⁷ Organized in 1907.
⁸ Organized in 1909.
⁹ Organized in 1908.
¹⁰ No population reported.

¹¹ Not located by townships and ranges.
¹² Belle Plaine borough returned with Belle Plaine township in 1900.
¹³ Exclusive of population of Belle Plaine borough.
¹⁴ Incorporated in 1904.
¹⁵ Part of St. Cloud city annexed to Haven township in 1908.
¹⁶ Incorporated in 1910.
¹⁷ New Auburn village returned with New Auburn township in 1900.
¹⁸ Exclusive of population of New Auburn village.
¹⁹ Incorporated as a city 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
Stearns County	47,738	44,464	34,844	Steele County—Continued.			
Albany township.....	960	1,037	1,092	Owatonna township.....	635	626	556
Albany village.....	657	517	.....	Somerset township.....	883	908	878
Ashley township.....	533	606	494	Summit township.....	740	799	658
Avon township ¹	758	698	644				
Avon village ²	277	102	.....	Stevens County	8,293	8,721	5,251
Belgrade village.....	443	450	300	Baker township.....	320	459	98
Brockway township.....	1,244	1,107	923	Chokio village.....	328	309	.....
Brooken village.....	562	259	.....	Darnen township.....	355	423	322
Cold Spring village.....	594	486	.....	Donnelly township ¹¹	349	350	296
Collegeville township.....	606	655	506	Donnelly village II.....	278	184	.....
Crow Lake township.....	438	549	438	Eldorado township.....	225	255	139
Crow River township.....	492	580	417	Everglade township.....	255	335	188
Eden Lake township.....	899	897	641	Franmas township.....	429	474	318
Eden Valley village (part of).....	287	218	(¹)	Hancock village.....	524	415	212
[For total, see Meeker County.]				Hodges township.....	232	273	165
Fairhaven township.....	623	737	606	Horton township.....	367	290	181
Farming township.....	956	899	623	Moore township.....	327	259	220
Freeport village.....	450	313	.....	Morris city ¹³	1,685	1,934	1,266
Getty township.....	605	660	610	Ward 1.....	993	.....	.....
Grove township.....	685	899	735	Ward 2.....	717	.....	.....
Holding township.....	1,343	1,356	1,021	Morris township.....	367	315	237
Holding village.....	276	191	.....	Pepperton township.....	325	382	147
Kimball Prairie village.....	312	327	.....	Rendsville township.....	444	444	304
Krain township.....	1,329	1,125	734	Scott township.....	364	356	289
Lake George township.....	678	601	457	Stevens township.....	373	424	240
Lake Henry township.....	606	635	548	Swan Lake township.....	378	435	412
Le Sauk township ⁴	278	349	305	Synnes township.....	320	414	197
Luxemburg township.....	1,117	1,083	860				
Lynden township.....	388	431	396	Swift County	12,949	13,503	10,161
Maine Prairie township.....	1,106	1,185	1,186	Appleton township.....	300	274	199
Meire Grove village.....	163	165	.....	Appleton village.....	1,221	1,184	994
Melrose city.....	2,591	1,768	780	Benson city ¹⁴	1,677	1,525	877
Ward 1.....	1,291	.....	.....	Ward 1.....	686	.....	.....
Ward 2.....	1,300	.....	.....	Ward 2.....	991	.....	.....
Melrose township.....	768	821	485	Benson township.....	329	400	474
Millwood township.....	894	740	519	Camp Lake township.....	498	584	609
Munson township.....	817	768	973	Cashel township.....	372	446	273
New Munich village.....	190	136	.....	Clontarf township ¹⁵	142	312	342
North Fork township.....	577	640	683	Clontarf village ¹⁵	153	.....	.....
Oak township.....	721	700	921	Danvers village ¹⁶	215	112	.....
Paynesville township ⁶	459	450	597	De Graff village.....	215	165	.....
Paynesville village ⁶	901	373	352	Dublin township.....	358	338	154
Raymond township.....	494	536	478	Edison township.....	392	401	380
Richmond village.....	563	600	.....	Fairfield township.....	450	484	450
Rockville township ⁷	535	584	569	Hayes township.....	527	631	576
Rockville village ⁷	127	.....	.....	Hegbert township.....	472	494	368
St. Augusta township.....	766	819	791	Kerkhoven township.....	619	665	638
St. Cloud city ⁸ (wards 1 to 4).....	8,611	7,340	6,398	Kerkhoven village.....	432	411	299
[For total, see Benton County.]				Kildare township.....	384	450	420
St. Cloud township ⁸	654	727	774	Marysland township ¹⁷	332	450	248
St. Joseph township.....	721	588	562	Moyer township, including Halloway village.....	579	610	388
St. Joseph village.....	706	549	503	Halloway village ¹⁸	215	.....	.....
St. Martin township.....	601	623	692	Murdock village.....	288	275	180
St. Martin village.....	177	170	.....	Pillsbury township.....	407	434	314
St. Wendel township.....	643	636	531	Shible township.....	481	470	343
Sartell village ⁹	240	.....	.....	Six Mile Grove township.....	295	304	291
Sauk Center city.....	2,154	2,220	1,695	Swenoda township.....	469	515	270
Ward 1.....	734	.....	.....	Tara township.....	356	340	287
Ward 2.....	1,570	.....	.....	Torning township.....	451	491	453
Sauk Center township.....	578	667	517	Westbank township.....	545	618	404
Spring Hill township ⁹	653	878	771				
Spring Hill village ⁹	100	.....	.....	Todd County	23,407	22,214	19,190
Waite Park village.....	406	317	.....	Bartlett township.....	621	586	(¹) 456
Wakefield township.....	735	609	938	Bertha township ²⁰	714	816	.....
Zion township.....	675	695	751	Bertha village ²⁰	296	277	.....
				Birchdale township.....	444	446	385
Steele County	16,146	16,524	13,232	Browerville village.....	633	466	86
Aurora township.....	817	965	754	Bruce township.....	519	448	.....
Berlin township ¹⁰	716	811	739	Burleene township.....	416	426	117
Blooming Prairie township.....	751	800	686	Burnhamville township ²²	731	1,015	779
Blooming Prairie village.....	854	855	308	Burtrum village ²²	217	.....	.....
Clinton Falls township.....	462	517	503	Clarissa village.....	364	293	.....
Deerfield township.....	678	767	793	Eagle Bend village.....	551	547	306
Ellendale village ¹⁰	261	.....	.....	Eagle Valley township.....	913	835	696
Havana township.....	781	808	791	Fawn Lake township.....	291	254	128
Lemond township.....	791	791	672	Germania township.....	510	485	256
Medford township.....	616	667	554	Gordon township.....	648	820	725
Merlden township.....	805	880	834	Grey Eagle township ²³	516	443	408
Merton township.....	698	769	637	Grey Eagle village ²³	378	313	.....
Owatonna city.....	5,658	5,561	3,849	Hartford township ²³	816	1,025	1,051
Ward 1.....	1,211	.....	.....	Hewitt village.....	322	311	.....
Ward 2.....	1,127	.....	.....		
Ward 3.....	1,257	.....	.....		
Ward 4.....	870	.....	.....		
Ward 5.....	1,060	.....	.....		

¹ County total includes population (485) of New Paynesville village, annexed to Paynesville township and Paynesville village since 1900.
² Avon village made independent of Avon township in 1900.
³ Exclusive of population of Avon village.
⁴ Not returned separately in 1890.
⁵ Sartell village incorporated from part of Le Sauk township in 1907.
⁶ Part of New Paynesville village annexed in 1904.
⁷ Rockville village incorporated from part of Rockville township in 1903.
⁸ Part of St. Cloud city annexed to St. Cloud township in 1908.
⁹ Spring Hill village incorporated from part of Spring Hill township in 1900.
¹⁰ Ellendale village incorporated from part of Berlin township in 1901.
¹¹ Donnelly village made independent of Donnelly township in 1900.
¹² Exclusive of population of Donnelly village.
¹³ Incorporated as a city in 1903.

¹⁴ Incorporated as a city in 1908.
¹⁵ Clontarf village incorporated from part of Clontarf township in 1904.
¹⁶ Danvers village made independent of Marysland township in 1906.
¹⁷ Exclusive of population of Danvers village.
¹⁸ Incorporated in 1903.
¹⁹ County total includes population (670) of Bartlett and Stowe Prairie townships not returned separately in 1890.
²⁰ Bertha village returned with Bertha township in 1900.
²¹ Exclusive of population of Bertha village.
²² Burtrum village incorporated from part of Burnhamville township in 1901.
²³ Grey Eagle village returned with Grey Eagle township in 1900.
²⁴ Exclusive of population of Grey Eagle village.
²⁵ Part taken to form Little Elk township in 1900.

STATISTICS OF POPULATION.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Todd County—Continued.				Wadena County—Continued.			
Iona township.....	899	918	458	Lyons township.....	219	269	.....
Kandota township.....	333	426	298	Meadow township.....	237	199	.....
Leslie township.....	601	651	510	Menahga village.....	346	413	.....
Little Elk township ¹ (T. 130, R. 32).....	310	.....	.....	North Germany township.....	390	352	.....
Little Sauk township.....	647	783	594	Orton township.....	154	87	.....
Long Prairie township.....	1,045	796	.....	Red Eye township.....	607	401	92
Long Prairie village.....	1,258	1,385	2,206	Rockwood township.....	423	455	183
Moran township.....	498	526	273	Sebeka village.....	428	223	.....
Osakis village (part of).....	89	102	(*)	Shell River township.....	295	267	183
[For total, see Douglas County.]				Thomastown township.....	648	629	387
Reynolds township.....	733	892	443	Verndale village.....	533	672	635
Round Prairie township.....	698	742	503	Wadena township.....	500	606	457
Staples city ²	2,558	1,604	585	Wadena village.....	1,520	1,520	895
Ward 1.....	1,259	.....	.....	Wing River township.....	340	414	385
Ward 2.....	1,299	.....	.....		
Staples township.....	619	483	257	Waseca County.....			
Stowe Prairie township.....	611	608	(*)		13,466	14,760	13,313
Turtle Creek township.....	225	269	.....	Alton township.....	701	941	1,042
Villard township.....	341	384	225	Blooming Grove township.....	788	887	847
Ward township.....	801	813	634	Byron township.....	568	576	418
West Union township ³	424	592	537	Freedom township.....	734	873	910
West Union village ⁴	161	.....	.....	Iosco township.....	760	822	842
Wykeham township.....	604	594	346	Janesville township.....	740	884	950
				Janesville village.....	1,173	1,254	921
Traverse County.....				New Richland township.....	815	869	764
	8,049	7,573	4,516	New Richland village.....	685	750	423
Arthur township.....	384	397	321	Otisco township.....	852	902	934
Browns Valley village.....	1,058	721	498	St. Mary township.....	673	681	699
Clifton township.....	268	290	179	Vivian township.....	671	678	618
Croke township.....	309	207	223	Waseca city.....	3,054	3,103	2,482
Dollymount township.....	212	265	162	Ward 1.....	1,027	.....	.....
Dumont village.....	185	236	.....	Ward 2.....	1,081	.....	.....
Folsom township.....	291	219	175	Ward 3.....	348	.....	.....
Lake Valley township.....	742	746	379	Wilton township.....	677	773	743
Leonardsville township.....	373	392	241	Woodville township.....	575	767	620
Monson township.....	593	664	364				
Parnell township.....	304	340	318	Washington County.....			
Redpath township.....	226	284	180		26,013	27,808	25,982
Tara township.....	374	335	204	Afton township.....	1,047	1,130	1,097
Taylor township.....	439	431	203	Baytown township.....	682	831	797
Tintah township.....	182	141	158	Cottage Grove township.....	743	830	717
Tintah village.....	217	220	.....	Denmark township.....	694	710	725
Walls township.....	308	382	287	Forest Lake township.....	650	618	536
Wheaton village.....	1,300	1,132	383	Forest Lake village.....	540	241	.....
Windsor township.....	106	171	121	Grant township.....	1,242	822	687
				Hugo village ⁷	264	.....	.....
Wabasha County.....				Lakeland township.....	636	683	880
	18,554	18,924	16,972	Marine village.....	491	562	679
Chester township.....	786	876	973	May township.....	881	721	.....
Elgin township.....	692	736	885	Newport township, including St. Paul Park village.....	943	773	(*)
Elgin village.....	324	44	.....	St. Paul Park village ⁸	832	.....	.....
Gifford township.....	746	771	825	Newport village.....	370	307	(*)
Glasgow township.....	442	614	566	New Scandia township.....	1,075	1,184	.....
Greenfield township.....	592	676	(*)	Oakdale township.....	1,090	1,072	964
Hammond village.....	241	238	.....	Oneka township ⁹	878	1,083	717
Highland township.....	660	714	738	South Stillwater village.....	1,343	1,422	1,304
Hyde Park township.....	305	413	472	Stillwater city.....	10,198	12,318	11,260
Kellogg village.....	372	228	(*)	Ward 1.....	3,297	.....	.....
Lake City.....	3,142	2,744	2,128	Ward 2.....	2,735	.....	.....
Ward 1.....	1,673	.....	.....	Ward 3.....	4,166	.....	.....
Ward 2.....	1,569	.....	.....	Stillwater township.....	1,207	1,321	1,085
Lake township.....	354	343	393	Woodbury township.....	1,039	1,200	1,166
Mazeppa township.....	482	588	797				
Mazeppa village.....	471	556	.....	Watonwan County.....			
Millville village.....	156	149	.....		11,382	11,496	7,746
Minneska township.....	251	241	254	Adrian township ⁹	481	559	443
Minneska village.....	395	372	325	Antrim township ¹⁰	582	591	673
Mount Pleasant township.....	574	631	662	Butterfield township.....	602	489	366
Oakwood township.....	580	658	764	Butterfield village.....	377	332	.....
Pepin township.....	497	666	815	Darfur village ⁹	72	.....	.....
Plainview township.....	718	737	1,392	Fieldon township.....	535	547	487
Plainview village.....	1,175	1,038	.....	Lewisville village ¹⁰	218	.....	.....
Wabasha city.....	2,622	2,528	2,487	Long Lake township ¹¹	583	650	588
Ward 1.....	727	.....	.....	Madelia township.....	574	651	541
Ward 2.....	971	.....	.....	Madelia village.....	1,273	1,272	862
Ward 3.....	924	.....	.....	Nelson township.....	684	806	733
Watopa township.....	425	493	467	Odin township ¹²	604	594	543
West Albany township.....	657	761	621	Odin village ¹²	139	.....	.....
Zumbro township.....	657	733	672	Ormsby village ¹¹ (part of).....	66	.....	.....
Zumbro Falls village.....	208	173	.....	[For total, see Martin County.]			
				Riverdale township.....	727	716	509
Wadena County.....				Rosendale township.....	571	516	369
	8,652	7,921	4,053	St. James city.....	2,102	2,607	939
Aldrich township.....	586	465	321	Ward 1.....	1,123	.....	.....
Blueberry township.....	322	264	99	Ward 2.....	919	.....	.....
Bullard township.....	117	130	95	St. James township.....	575	614	473
Huntersville township.....	147	69	.....	South Branch township.....	617	552	380
Leaf River township.....	535	486	321				

¹ Organized from part of Hartford township in 1900.
² Not returned separately in 1890.
³ Incorporated as a city in 1908.
⁴ West Union village incorporated from part of West Union township in 1900.
⁵ County total includes population (736) of Greenfield township and Kellogg village, not returned separately in 1890.
⁶ County total includes population (1,687) of Marine township, taken to form May and New Scandia townships between 1890 and 1900; and population (1,691) of Newport township and Newport village, not returned separately in 1890.

⁷ Hugo village incorporated from part of Oneka township in 1906.
⁸ Incorporated in 1909.
⁹ Darfur village incorporated from part of Adrian township in 1903.
¹⁰ Lewisville village incorporated from part of Antrim township in 1902.
¹¹ Ormsby village incorporated from part of Long Lake township in 1902.
¹² Odin village incorporated from part of Odin township in 1902.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Wilkin County	9,063	8,080	4,346	Wright County—Continued.			
Akron township.....	366	402	330	Chatham township.....	485	503	498
Andrea township.....	189	255	107	Clearwater township, including Clearwater village.....	766	757	699
Atherton township.....	213	332	210	Clearwater village.....	311	271	243
Bradford township.....	267	286	109	Cokato township.....	1,314	1,421	1,551
Brandrup township, including Doran village.....	572	527	225	Cokato village.....	718	684	363
Doran village ¹	98			Corinna township.....	804	870	564
Breckenridge city ²	1,840	1,282	655	Delano village.....	1,031	967	889
Ward 1.....	608			Frankfort township, including St. Michael village and part of St. Michael Station village.....	1,462	1,349	1,148
Ward 2.....	683			St. Michael village.....	401	305	
Ward 3.....	549			St. Michael Station village (part of).....	168		
Breckenridge township ³	217	256	300	Total for St. Michael Station village ⁶ in Frankfort and Osago townships.....	222		
Campbell township, including Tenney village.....	482	433	407	Franklin township.....	1,494	1,531	1,169
Tenney village ⁴	185			French Lake township.....	1,281	1,294	1,189
Campbell village.....	303	239		Hanover village (part of).....	160	170	
Champion township, including Nashua village.....	345	260	208	[For total, see Hennepin County.]			
Nashua village ⁵	271			Howard Lake village.....	626	737	610
Connelly township.....	173	157		Maple Lake township.....	833	944	899
Deerhorn township.....	212	341	147	Maple Lake village.....	522	470	
Foxhome township, including Foxhome village.....	372	265		Marysville township.....	1,132	1,332	1,242
Foxhome village ⁶	209			Middleville township.....	1,311	1,412	1,300
Kent village ⁶	238			Monticello township.....	1,052	990	890
McCauleyville township ⁶	185	275	270	Monticello village.....	858	818	503
Manston township.....	158	190	241	Montrose village.....	284	305	214
Meadows township.....	168	149		Osago township, including part of St. Michael Station village.....	983	1,105	819
Mitchell township.....	231	194	152	St. Michael Station village (part of).....	64		
Neilson township ⁷	94			Rockford township ⁸	1,086	1,144	1,175
Nordick township.....	202	212		Rockford village ⁹	287	340	
Prairie View township.....	403	425	283	Silver Creek township.....	1,015	973	657
Roberts township.....	294	249	204	South Haven village ¹¹	287		
Rothsay village.....	343	296	174	Southside township ¹¹	602	900	706
Sunnyside township ⁷	277	225		Stockholm township.....	1,259	1,475	1,412
Tanberg township.....	277	380	324	Victor township.....	900	1,160	1,159
Wolverton township.....	642	450		Waverly village.....	460	542	370
				Woodland township.....	1,036	1,134	1,229
Winona County	33,398	35,686	33,797	Yellow Medicine County	15,406	14,602	13,954
Altura village ⁸	200			Burton township.....	518	479	242
Dresbach township.....	301	323	525	Canby city ¹²	1,528	1,100	470
Dresbach village.....	174	285		Ward 1.....	590		
Elba township.....	512	495	645	Ward 2.....	456		
Elba village.....	161	198		Ward 3.....	628		
Fremont township.....	726	747	798	Echo township.....	572	525	347
Hart township.....	666	773	818	Echo village.....	430	334	
Hillsdale township.....	421	541	549	Florida township.....	338	286	189
Homer township.....	812	1,009	867	Fortler township.....	398	356	190
Lewiston village.....	473	371	324	Friendship township, including Clarkfield village.....	1,140	969	526
Minnesota City village.....	211	242		Clarkfield village.....	605	437	178
Mount Vernon township.....	556	526	545	Granite Falls city (ward 1).....	1,079	948	800
New Hartford township.....	879	888	803	[For total, see Chippewa County.]			
Norton township ⁸	548	776	776	Hammer township.....	412	543	315
Pleasant Hill township.....	728	845	791	Hanley Falls village.....	275	278	
Richmond township.....	352	290	252	Hazel Run township, including Hazel Run village.....	498	477	163
Rollingstone township.....	559	527	923	Hazel Run village ⁶	121		
Rollingstone village.....	205	202		Lisbon township.....	554	677	682
St. Charles city.....	1,159	1,304	1,178	Minnesota Falls township.....	525	493	358
St. Charles township.....	557	608	661	Norman township.....	430	411	378
Saratoga township.....	572	644	724	Normania township.....	584	538	529
Utica township.....	805	823	968	Omro township.....	660	683	407
Utica village.....	172	204		Oshkosh township.....	512	552	349
Warren township.....	770	808	837	Porter village.....	253	196	
Whitewater township.....	548	670	706	Posen township.....	565	553	351
Wilson township.....	851	945	1,013	Sandnes township.....	472	589	801
Winona city.....	18,533	19,714	18,208	Sioux Agency township.....	763	619	392
Ward 1.....	6,004			Stony Run township ¹⁴	588	665	679
Ward 2.....	3,549			Swede Prairie township.....	517	509	304
Ward 3.....	3,704			Tyro township.....	533	536	290
Ward 4.....	6,786			Wergeland township.....	398	416	403
Winona township.....	322	282	275	Wood Lake township.....	524	566	643
Wiscony township.....	575	641	611	Wood Lake village.....	292	264	
Wright County	28,082	29,157	24,164				
Albion township.....	1,206	1,419	1,373				
Annandale village.....	624	431	211				
Buffalo township.....	977	830	719				
Buffalo village.....	1,227	1,040	606				

¹ Incorporated in 1907.
² Incorporated as a city in 1907.
³ Neilson township organized from part of Breckenridge township in 1904.
⁴ Incorporated in 1901.
⁵ Incorporated in 1902.
⁶ Kent village incorporated from part of McCauleyville township in 1904.
⁷ Name changed from Riverside in 1900.
⁸ Altura village incorporated from part of Norton township in 1907.

⁹ Rockford village made independent of Rockford township in 1907.
¹⁰ Exclusive of population of Rockford village.
¹¹ South Haven village incorporated from part of Southside township in 1902.
¹² County totals include population (39 in 1900; 36 in 1890) of Otis township annexed to Stony Run township since 1900.
¹³ Incorporated as a city in 1905.
¹⁴ Otis township annexed in 1908.

STATISTICS OF POPULATION.

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

CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890	CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890
Ada city.....	Norman.....	1,432	1,253	622	Campbell village.....	Wilkin.....	303	239	.....
Adams village.....	Mower.....	576	573	216	Canby city.....	Yellow Medicine.....	1,528	1,100	470
Adrian village.....	Nobles.....	1,112	1,258	671	Cannon Falls city.....	Goodhue.....	1,385	1,239	1,078
Aitkin village.....	Aitkin.....	1,638	1,719	737	Canton village.....	Fillmore.....	345	312	281
Albany village.....	Stearns.....	657	517	.....	Carlos village.....	Douglas.....	167	.....	.....
Albert Lea city.....	Freeborn.....	6,192	4,500	3,305	Carlton village.....	Carlton.....	597	449	612
Alden village.....	Freeborn.....	544	636	276	Carver village.....	Carver.....	571	583	625
Alexandria city.....	Douglas.....	3,001	2,681	2,118	Cass Lake village.....	Cass.....	2,011	546	.....
Alpha village.....	Jackson.....	223	209	.....	Center City village.....	Chisago.....	252	.....	.....
Altura village.....	Winona.....	200	.....	.....	Ceylon village.....	Martin.....	330	.....	.....
Alvarado village.....	Marshall.....	128	.....	.....	Chandler village.....	Murray.....	225	.....	.....
Amboy village.....	Blue Earth.....	435	432	215	Chanhassen village.....	Carver.....	164	175	.....
Annapdale village.....	Wright.....	624	481	211	Chaska city.....	Carver.....	2,050	2,165	2,210
Anoka city.....	Anoka.....	3,972	3,769	4,252	Chatfield city.....	Fillmore.....	1,228	1,426	1,335
Appleton village.....	Swift.....	1,221	1,184	994	Chisago City village.....	Olmsted.....	276	.....	.....
Arco village.....	Lincoln.....	97	.....	.....	Chisholm village.....	Chisago.....	.....	.....	.....
Argyle village.....	Marshall.....	744	829	306	Chokio village.....	St. Louis.....	7,684	.....	.....
Arlington village.....	Sibley.....	733	712	417	Clara City village.....	Stevens.....	328	300	.....
Ashby village.....	Grant.....	334	279	231	Chippewa village.....	Chippewa.....	457	465	.....
Atwater village.....	Kandiyohi.....	600	588	429	Claremont village.....	Dodge.....	275	317	.....
Audubon village.....	Becker.....	300	349	159	Clarissa village.....	Todd.....	364	233	.....
Aurora village.....	St. Louis.....	1,919	.....	.....	Clarkfield village.....	Yellow Medicine.....	603	437	178
Austin city.....	Mower.....	6,900	5,474	3,901	Clear Lake village.....	Sherburne.....	263	222	.....
Avoca village.....	Murray.....	212	338	170	Clearwater village.....	Wright.....	311	271	248
Avon village.....	Stearns.....	277	162	.....	Clements village.....	Redwood.....	132	.....	.....
Backus village.....	Cass.....	184	.....	.....	Cleveland village.....	Le Sueur.....	212	.....	.....
Badger village.....	Roseau.....	395	164	.....	Climax village.....	Polk.....	269	259	.....
Bagley village.....	Clearwater.....	801	248	.....	Clinton village.....	Big Stone.....	384	346	.....
Balaton village.....	Lyon.....	364	209	.....	Clitherall village.....	Otter Tail.....	187	167	.....
Banning village.....	Pine.....	149	.....	.....	Clontarf village.....	Swift.....	153	.....	.....
Barnesville city.....	Clay.....	1,353	1,326	1,069	Cloquet city.....	Carlton.....	7,031	3,072	2,530
Barnum village.....	Carlton.....	262	391	417	Cobden village.....	Brown.....	87	.....	.....
Barrett village.....	Grant.....	278	237	.....	Cohasset village.....	Itasca.....	521	.....	.....
Barry village.....	Big Stone.....	105	.....	.....	Cokato village.....	Wright.....	713	684	363
Battle Lake village.....	Otter Tail.....	567	420	.....	Cold Spring village.....	Stearns.....	594	456	.....
Baudette village.....	Beltrami.....	897	.....	.....	Coleraine village.....	Itasca.....	1,613	.....	.....
Beardsley village.....	Big Stone.....	481	449	.....	Cologne village.....	Carver.....	390	238	193
Beaver Creek village.....	Rock.....	195	186	232	Columbia Heights village.....	Anoka.....	590	123	.....
Becker village.....	Sherburne.....	210	.....	.....	Comfrey village.....	Brown.....	238	.....	.....
Belgrade village.....	Stearns.....	448	450	306	Correll village.....	Big Stone.....	102	.....	.....
Belle Plaine borough.....	Scott.....	1,204	1,121	814	Costin village.....	St. Louis.....	231	.....	.....
Bellingham village.....	Lac qui Parle.....	359	380	166	Cottonwood village.....	Lyon.....	770	549	.....
Beltrami village.....	Polk.....	149	.....	.....	Courtland village.....	Nicollet.....	208	174	.....
Belview village.....	Redwood.....	290	254	.....	Cromwell village.....	Carlton.....	143	.....	.....
Bemidji city.....	Beltrami.....	5,099	2,183	.....	Crookston city.....	Polk.....	7,559	5,359	3,467
Bena village.....	Cass.....	179	.....	.....	Currie village.....	Murray.....	329	.....	.....
Benson city.....	Swift.....	1,677	1,525	877	Cyrus village.....	Pope.....	272	197	.....
Benton village.....	Carver.....	42	52	39	Dalton village.....	Otter Tail.....	175	.....	.....
Bertha village.....	Todd.....	296	277	.....	Danube village.....	Renville.....	217	.....	.....
Bethel village.....	Anoka.....	221	.....	.....	Danvers village.....	Swift.....	215	112	.....
Big Falls village.....	Koochiching.....	325	.....	.....	Darfur village.....	Watonwan.....	72	.....	.....
Big Lake village.....	Sherburne.....	229	177	.....	Dassel village.....	Meeker.....	643	568	552
Bigelow village.....	Nobles.....	195	.....	.....	Dawson village.....	Lac qui Parle.....	1,318	992	418
Bigfork village.....	Itasca.....	167	.....	.....	Dayton village.....	Hennepin.....	343	.....	.....
Bingham Lake village.....	Cottonwood.....	285	311	.....	De Graft village.....	Swift.....	215	165	.....
Bird Island village.....	Renville.....	931	846	441	Deephaven village.....	Hennepin.....	234	.....	.....
Biwabik village.....	St. Louis.....	1,990	1,299	.....	Deer Creek village.....	Otter Tail.....	313	275	.....
Blackduck village.....	Beltrami.....	942	.....	.....	Deer River village.....	Itasca.....	900	251	.....
Blooming Prairie village.....	Steele.....	854	855	308	Deerwood village.....	Crow Wing.....	586	.....	.....
Blue Earth city.....	Faribault.....	2,319	2,900	1,569	Delano village.....	Wright.....	1,031	967	899
Bluffton village.....	Otter Tail.....	148	.....	.....	Delavan village.....	Faribault.....	284	321	252
Bovey village.....	Itasca.....	1,377	.....	.....	Delhi village.....	Redwood.....	159	.....	.....
Bowlus village.....	Morrison.....	164	.....	.....	Dennison village.....	Goodhue.....	184	.....	.....
Boyd village.....	Lac qui Parle.....	431	335	.....	Dent village.....	Otter Tail.....	244	.....	.....
Braham village.....	Isanti.....	406	.....	.....	Detroit city.....	Becker.....	2,507	.....	.....
Brainerd city.....	Crow Wing.....	8,526	7,524	5,703	Dexter village.....	Mower.....	281	278	150
Brandon village.....	Douglas.....	276	225	.....	Dodge Center village.....	Dodge.....	957	942	633
Breckenridge city.....	Wilkin.....	1,840	1,282	655	Donaldson village.....	Kitson.....	132	.....	.....
Brewster village.....	Nobles.....	311	234	.....	Donnelly village.....	Stevens.....	276	164	.....
Bricelyn village.....	Faribault.....	352	166	.....	Doran village.....	Wilkin.....	93	.....	.....
Bronson village.....	Kitson.....	101	.....	.....	Dover village.....	Olmsted.....	223	.....	.....
Brookston village.....	St. Louis.....	160	.....	.....	Dresbach village.....	Winona.....	174	285	.....
Brooten village.....	Stearns.....	562	289	.....	Duluth city.....	St. Louis.....	78,466	52,969	33,115
Browerville village.....	Todd.....	633	466	86	Dumont village.....	Traverse.....	188	236	.....
Browns Valley village.....	Traverse.....	1,058	721	498	Dundas village.....	Rice.....	357	493	554
Brownsdale village.....	Mower.....	264	261	232	Dundee village.....	Nobles.....	175	217	.....
Brownsville village.....	Houston.....	361	453	447	Dunnell village.....	Martin.....	170	.....	.....
Brownton village.....	McLeod.....	509	454	384	Eagle Bend village.....	Todd.....	551	547	306
Bruno village.....	Pine.....	229	.....	.....	Eagle Lake village.....	Blue Earth.....	231	.....	.....
Buckman village.....	Morrison.....	137	.....	.....	East Grand Forks city.....	Polk.....	2,533	2,077	795
Buffalo village.....	Wright.....	1,227	1,040	606	Raston village.....	Faribault.....	262	318	180
Buffalo Lake village.....	Renville.....	371	389	.....	Echo village.....	Yellow Medicine.....	430	334	.....
Buhl village.....	St. Louis.....	1,005	.....	.....	Eden Valley village.....	Meeker.....	740	604	.....
Burtrum village.....	Todd.....	217	.....	.....	Edgerton village.....	Stearns.....	.....	.....	.....
Butterfield village.....	Watonwan.....	377	332	.....	Edina village.....	Pipestone.....	381	450	178
Byron village.....	Olmsted.....	272	347	291	Elba village.....	Hennepin.....	1,191	749	531
Caledonia village.....	Houston.....	1,372	1,175	927	Elbow Lake village.....	Winona.....	151	198	.....
Callaway village.....	Becker.....	276	.....	.....	Elgin village.....	Grant.....	776	625	267
Calumet village.....	Itasca.....	245	.....	.....	Elizabeth village.....	Wabasha.....	324	344	.....
Cambridge village.....	Isanti.....	900	737	258	Elk River village.....	Otter Tail.....	169	186	135
					Elkton village.....	Sherburne.....	859	831	679
						Mower.....	86	.....	.....

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

CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890	CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890
Ellendale village	Steele	261			Hendricks village	Lincoln	406		
Ellsworth village	Nobles	536	454	258	Hendrum village	Norman	355		
Elmore village	Faribault	795	924	488	Henning village	Otter Tail	603	545	254
Ely city	St. Louis	3,572	3,717	901	Herman village	Grant	604	550	322
Elysian village	Le Sueur	345	459	348	Heron Lake village	Jackson	803	928	496
Emmons village	Freeborn	223	179		Hewitt village	Todd	322	311	
Erskine village	Polk	324	156		Hibbing village	St. Louis	8,332	2,481	
Evans village	Brown	112			High Forest village	Olmsted	127	139	163
Evansville village	Douglas	389	483	452	Hill City village	Aitkin	220		
Eveleth city	St. Louis	7,036	2,752		Hills village	Rock	398		
Excelsior village	Hennepin	1,015	717	619	Hinckley village	Pine	673	459	618
Eyota village	Olmsted	423	424	377	Hoffman village	Grant	391	270	
Fairfax village	Renville	815	642	351	Hokah village	Houston	400	536	582
Fairmont city	Martin	2,958	3,040	1,205	Holding village	Stearns	276	191	
Fall Lake village	St. Louis	426			Holland village	Pipestone	293	255	
Faribault city	Rice	9,001	7,868	6,520	Holman village	Itasca	88		
Farley village	Beltrami	43			Houston village	Houston	700	542	536
Farmington village	Dakota	1,024	733	657	Howard Lake village	Wright	626	737	610
Farris village	Hubbard	143	135		Hugo village	Washington	264		
Farwell village	Pope	141			Hutchinson city	McLeod	2,368	2,495	1,414
Felton village	Clay	149			International Falls village	Koochiching	1,487		
Fergus Falls city	Otter Tail	6,887	6,072	3,772	Invergrove village	Dakota	200		
Fertile village	Polk	614	687	273	Iona village	Murray	300	358	
Finlayson village	Pine	186			Iron Junction village	St. Louis	76	118	
Fisher village	Polk	323	410	481	Isanti village	Isanti	316		
Floodwood village	St. Louis	481	224		Island Lake village	Beltrami	41		
Foley village	Benton	710	172		Ivanhoe village	Lincoln	484		
Forada village	Douglas	66			Jackson village	Jackson	1,907	1,750	720
Forest Lake village	Washington	540	241		Janesville village	Waseca	1,173	1,254	921
Foreston village	Mille Lacs	204	263	287	Jasper village	Pipestone	704	559	
Fosston village	Polk	1,075	864	207		Rock			
Fountain village	Fillmore	321	294	248	Jeffers village	Cottonwood	227		
Fowlds village	Beltrami	39			Jenkins village	Crow Wing	130		
Foxhome village	Wilkin	205			Johnson village	Big Stone	192		
Franklin village	Renville	439	439	284	Jordan city	Scott	1,151	1,270	1,233
Frazee village	Becker	1,645	1,000		Kandiyohti village	Kandiyohti	185		
Freeport village	Stearns	450	313		Karlstad village	Kittson	138		
Frost village	Faribault	138			Kasota village	Le Sueur	700	764	655
Fulda village	Murray	743	886	348	Kasson village	Dodge	932	1,112	992
Funkley village	Beltrami	59			Keewatin village	Itasca	695		
Garfield village	Douglas	160			Kelliher village	Beltrami	294		
Gary village	Norman	251			Kellogg village	Wabasha	372	228	
Gaylord village	Sibley	610	608	387	Kennedy village	Kittson	232	158	
Geneva village	Freeborn	140	218		Kensington village	Douglas	244	207	
Georgetown village	Clay	182			Kent village	Wilkin	233		
Ghent village	Lyon	210	119		Kenyon village	Goodhue	1,237	1,202	666
Gibbon village	Sibley	533	545	282	Kerkhoven village	Swift	432	411	299
Gilbert village	St. Louis	1,700			Kiester village	Faribault	258		
Glencoe city	McLeod	1,788	1,780	1,049	Kilkenny village	Le Sueur	208	245	
Glenville village	Freeborn	368	351		Kimball Prairie village	Stearns	312	327	
Glenwood village	Pope	2,161	1,116	627	Kinbrae village	Nobles	137	137	
Glyndon village	Clay	295	250	275	Knife River village	Lake	491		
Golden Valley village	Hennepin	692	680	509	La Crescent village	Houston	372		
Good Thunder village	Blue Earth	419	505		La Prairie village	Itasca	43	88	
Goodhue village	Goodhue	408	241		Lafayette village	Nicollet	195		
Graceville village	Big Stone	987	856	508	Lake Benton village	Lincoln	844	890	513
Granada village	Martin	333	309		Lake City	Wabasha	3,142	2,744	2,128
Grand Marais village	Cook	355			Lake Crystal village	Blue Earth	1,055	1,215	824
Grand Meadow village	Mower	552	477	373	Lake Fremont village	Sherburne	175		
Grand Rapids village	Itasca	2,230	1,423		Lake Park village	Becker	740	570	349
Granite Falls city	Chippewa	1,454	1,214		Lake Wilson village	Murray	219		
Grasston village	Yellow Medicine				Lakefield village	Jackson	924	862	275
Green Isle village	Kanabec	189			Lakeville village	Dakota	385	373	258
Greenbush village	Sibley	256	275	219	Lamberton village	Redwood	652	624	202
Grey Eagle village	Roseau	274			Lancaster village	Kittson	204		
Grove City village	Todd	378	313		Lanesboro village	Fillmore	987	1,102	898
Hackensack village	Meeker	351	316	349	Laporte village	Hubbard	140		
Hadley village	Cass	84			Le Sueur city	Le Sueur	1,755	1,937	1,763
Hallock village	Murray	136			Le Sueur Center village	Le Sueur	741	478	169
Halloway village	Kittson	910	805	302	Lengby village	Polk	167		
Halstad village	Swift	215			Le Roy village	Mower	702	772	523
Hamburg village	Norman	494	442		Lester Prairie village	McLeod	420	418	189
Hamilton village	Carver	153	136		Lewiston village	Winona	473	371	324
Hammond village	Scott	271	179		Lewisville village	Watowan	218		
Hampton village	Wabasha	241	238		Lindstrom village	Chisago	522	385	
Hancock village	Dakota	190	196		Lismore village	Nobles	268		
Hanley Falls village	Stevens	524	415	218	Litchfield village	Meeker	2,333	2,280	1,899
Hanover village	Yellow Medicine	275	278		Little Falls city	Morrison	6,078	5,774	2,354
Hanska village	Hennepin	267	259		Littlefork village	Koochiching	104		
Hardwick village	Wright	310			Long Lake village	Hennepin	161		
Harmony village	Brown	292	259		Long Prairie village	Todd	1,250	1,385	
Harris village	Rock	655	517		Lonsdale village	Rice	271		
Hartland village	Fillmore	673	710	504	Louisburg village	Lac qui Parle	88		
Hastings city	Chisago	227	317		Lowry village	Pope	252	260	
Hawley village	Freeborn	3,983	3,811	3,705	Lucan village	Redwood	98		
Hayfield village	Dakota	800	536	270	Luce village	Otter Tail	139		
Hazel Run village	Clay	586	439		Luverne city	Rock	2,540	2,223	1,466
Hector village	Dodge	121			Lyle village	Mower	562	483	306
Heidelberg village	Yellow Medicine	866	654	354	McGregor village	Aitkin	126		
Henderson city	Renville	111	114		McIntosh village	Polk	634	569	
	Le Sueur	753	904	909	McKinley village	St. Louis	411	262	

STATISTICS OF POPULATION.

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

CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890	CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890
Mabel village.	Fillmore	549	494	273	Ogilvia village.	Kanabec	270		
Madella village.	Watonwan	1,273	1,272	852	Olivia village.	Renville	960	970	263
Madison city.	Lac qui Parie	1,811	1,336	625	Onamia village.	Mille Lacs	314		
Madison Lake village.	Blue Earth	335	300		Ormsby village.	Martin	112		
Magnolia village.	Rock	189	176		Ortonville city.	Watonwan			
Mahnomen village.	Mahnomen	796				Big Stone	1,774	1,247	
Mallard village.	Clearwater	78				Lac qui Parie			
Mankato city.	Blue Earth	10,365	10,599	8,838	Osakis village.	Douglas	1,013	917	
Mantorville village.	Dodge	410	602	460	Oslo village.	Todd	344		
Maple Lake village.	Wright	522	470		Osseo village.	Marshall	390	346	353
Mapleton village.	Blue Earth	809	1,008	607	Ottertail village.	Hennepin	176		
Marble village.	Itasca	887			Owatonna city.	Otter Tail	5,658	5,561	3,849
Marietta village.	Lac qui Parie	338	144		Park Rapids village.	Hubbard	1,801	1,313	
Marine village.	Washington	491	502	679	Parkers Prairie village.	Otter Tail	383		
Marshall city.	Lyon	2,152	2,088	1,203	Paynesville village.	Stearns	901	373	352
Mayer village.	Carver	161			Pelican Rapids village.	Otter Tail	1,019	1,033	624
Maynard village.	Chippewa	336	245		Pennock village.	Kandiyohi	189		
Mazepa village.	Wabasha	471	556		Pequot village.	Crow Wing	260		
Meire Grove village.	Stearns	163	165		Perham village.	Otter Tail	1,376	1,182	761
Meirose city.	Stearns	2,591	1,768	780	Perley village.	Norman	188		
Menahga village.	Wadena	346	413		Peterson village.	Fillmore	266		
Mendota village.	Dakota	245	282	248	Pierz village.	Morrison	545	358	
Mentor village.	Polk	222			Pillager village.	Cass	216		
Mesaba village.	St. Louis	84	62		Pine City village.	Pine	1,258	993	535
Middle River village.	Marshall	149			Pine Island village.	Goodhue	834	332	548
Milaca village.	Mille Lacs	1,102	1,204	404	Pine River village.	Cass	329		
Milan village.	Chippewa	468	396		Pipestone city.	Pipestone	2,475	2,536	1,232
Millerville village.	Douglas	150			Plainview village.	Wabasha	1,175	1,038	
Millville village.	Wabasha	156	149		Plato village.	McLeod	233	232	130
Milroy village.	Redwood	137			Plummer village.	Red Lake	139		
Minneapolis city.	Hennepin	301,408	202,718	164,738	Porter village.	Yellow Medicine	253	196	
Minnelska village.	Wabasha	395	372	325	Preston village.	Fillmore	1,193	1,278	
Minnesota village.	Lyon	819	777	325	Princeton village.	Mille Lacs	1,555	1,319	816
Minnesota City village.	Winona	211	242		Prior Lake village.	Scott	192	148	
Minnesota Lake village.	Fairbault	445	518	340	Proctorknott village.	St. Louis	2,243	784	
Minnetonka Beach village.	Hennepin	166	101		Rainy Lake City village.	Koochiching	25	7	
Mizpah village.	Koochiching	149			Randall village.	Morrison	195		
Monterey village.	Martin	177			Randolph village.	Dakota	182		
Montevideo city.	Chippewa	3,656	2,146	1,437	Ranier village.	Koochiching	190		
Montgomery city.	Le Sueur	1,267	979	1,086	Raymond village.	Kandiyohi	334	282	
Monticello village.	Wright	858	818	503	Red Lake Falls city.	Red Lake	1,757	1,585	774
Montrose village.	Wright	284	305	214	Red Wing city.	Goodhue	9,048	7,525	6,294
Moorhead city.	Clay	4,840	3,730	2,088	Redby village.	Beltrami	92		
Moose Lake village.	Carlton	528	354	169	Redwood Falls city.	Redwood	1,666	1,661	1,238
Mora village.	Kanabec	892	785		Renville city.	Renville	1,182	1,075	413
Morgan village.	Redwood	553	592	301	Revere village.	Redwood	134		
Morris city.	Stevens	1,685	1,934	1,266	Rice village.	Benton	262	232	
Morristown village.	Rice	592	589	517	Richfield village.	Hennepin	2,673		
Morton village.	Renville	761	789	453	Richmond village.	Stearns	563	600	
Motley village.	Morrison	428	404	525	Richville village.	Otter Tail	255		
Mountain Iron village.	St. Louis	1,343	470		Robbinsdale village.	Hennepin	765	520	
Mountain Lake village.	Cottonwood	1,081	959	323	Rochester city.	Olmsted	7,844	6,843	5,321
Murdock village.	Swift	288	275	130	Rockford village.	Wright	287	340	
Nary village.	Hubbard	49	94		Rockville village.	Stearns	127		
Nashua village.	Wilkin	271			Rollingstone village.	Winona	205	202	
Nashwauk village.	Itasca	2,080			Ronneby village.	Benton	132	156	
Nassau village.	Lac qui Parie	213	134		Roosevelt village.	Roseau	252		
Nelson village.	Douglas	167			Rose Creek village.	Mower	202	204	
Nerstrand village.	Rice	292	256		Roseau village.	Roseau	644	301	
Nevis village.	Hubbard	238			Rosemount village.	Dakota	238	182	193
New Auburn village.	Sibley	261	274		Rothsay village.	Wilkin	343	296	174
New Brighton village.	Ramsey	375	350	355	Round Lake village.	Nobles	237	226	
New Germany village.	Carver	210			Royalton village.	Morrison	676	664	582
New London village.	Kandiyohi	418	363	211	Rush City village.	Chisago	964	987	707
New Market village.	Scott	203	137		Rushford city.	Fillmore	1,011	1,062	968
New Munich village.	Stearns	190	136		Rushford village.	Fillmore	686	1,064	
New Prague city.	Le Sueur	1,554	1,228	955	Rushmore village.	Nobles	237		
New Richland village.	Waseca	685	750	423	Russell village.	Lyon	262		
New Trier village.	Dakota	144	126	129	Ruthon village.	Pipestone	290	323	
New Ulm city.	Brown	5,648	5,403	3,741	Rutledge village.	Pine	89	363	
New York village.	Otter Tail	474	353	260	St. Bonifacius village.	Hennepin	275		
Newport village.	Washington	370	307		St. Charles city.	Winona	1,159	1,304	1,178
Nicollet village.	Nicollet	338	330	263	St. Clair village.	Blue Earth	323		
Norcross village.	Grant	177			St. Cloud city.	Benton			
North Branch village.	Chisago	642	1,211	685		Sherburne	10,600	8,653	7,686
North Mankato village.	Nicollet	1,279	989		St. Hilare village.	Stearns	468	840	193
North Redwood village.	Redwood	143			St. James city.	Watonwan	2,102	2,607	939
North St. Paul village.	Ramsey	1,404	1,110	1,099	St. Joseph village.	Stearns	706	549	503
Northfield city.	Rice	3,265	3,210	2,659	St. Louis Park village.	Hennepin	1,743	1,325	499
Northome village.	Koochiching	206			St. Martin village.	Stearns	177	170	
Norwood village.	Carver	522	500	385	St. Michael village.	Wright	401	305	
Nymore village.	Beltrami	334			St. Michael Station village.	Wright	222		
Odessa village.	Big Stone	235	204						
Odin village.	Watonwan	139							
Ogema village.	Becker	171							

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

CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890	CITY, VILLAGE, OR BOROUGH.	County.	1910	1900	1890
St. Paul city.....	Ramsey.....	214,744	163,065	133,156	Utica village.....	Winona.....	172	204	.....
St. Paul Park village.....	Washington.....	832	.....	.....	Vergas village.....	Otter Tail.....	237	.....	.....
St. Peter city.....	Nicollet.....	4,176	4,302	3,671	Vermilion village.....	Dakota.....	161	100	.....
St. Vincent village.....	Kittson.....	328	256	.....	Verndale village.....	Wadena.....	538	672	635
Sacred Heart village.....	Renville.....	587	538	327	Vernon Center village.....	Blue Earth.....	289	311	.....
Sauborn village.....	Redwood.....	462	351	.....	Vesell village.....	Rice.....	235	249	182
Sandstone village.....	Pine.....	1,818	1,189	517	Vesta village.....	Redwood.....	243	214	.....
Sargeant village.....	Mower.....	76	.....	.....	Villard village.....	Popa.....	260	249	203
Sartell village.....	Stearns.....	240	.....	.....	Vining village.....	Otter Tail.....	212	.....	.....
Sauk Center city.....	Stearns.....	2,154	2,220	1,695	Virginia city.....	St. Louis.....	10,473	2,962	.....
Sauk Rapids village.....	Benton.....	1,745	1,391	1,185	Wabasha city.....	Wabasha.....	2,622	2,528	2,487
Scanlon village.....	Carlton.....	572	.....	.....	Wabasso village.....	Redwood.....	343	178	.....
Seaforth village.....	Redwood.....	188	.....	.....	Waconia village.....	Carver.....	817	728	441
Sebeka village.....	Wadena.....	428	223	.....	Wadena village.....	Wadena.....	1,820	1,520	895
Sedan village.....	Pope.....	127	153	.....	Waite Park village.....	Stearns.....	406	317	.....
Shakopee city.....	Scott.....	2,302	2,047	1,757	Walker village.....	Cass.....	917	500	.....
Shelly village.....	Norman.....	195	.....	.....	Walnut Grove village.....	Redwood.....	306	447	127
Sherburne village.....	Martin.....	814	891	316	Walters village.....	Faribault.....	103	.....	.....
Shivelin village.....	Clearwater.....	172	172	.....	Waltham village.....	Mower.....	170	150	.....
Silver Lake village.....	McLeod.....	382	321	.....	Wanda village.....	Redwood.....	129	.....	.....
Slayton village.....	Murray.....	860	883	380	Warren city.....	Marshall.....	1,613	1,276	648
Sleepy Eye city.....	Brown.....	2,247	2,046	1,513	Warroad village.....	Roseau.....	927	238	.....
Solway village.....	Beltrami.....	85	177	.....	Waseca city.....	Waseca.....	3,054	3,103	2,452
South Haven village.....	Wright.....	287	.....	.....	Watertown village.....	Carver.....	465	490	362
South St. Paul city.....	Dakota.....	4,510	2,322	2,242	Waterville city.....	Le Sueur.....	1,273	1,260	937
South Stillwater village.....	Washington.....	1,343	1,422	1,304	Watkins village.....	Meeker.....	366	250	.....
Spicer village.....	Kandiyohi.....	228	.....	.....	Watson village.....	Chippewa.....	152	167	.....
Spooner village.....	Beltrami.....	668	.....	.....	Waubun village.....	Mahnomen.....	230	.....	.....
Spring Grove village.....	Houston.....	620	491	394	Wayzata village.....	Wright.....	460	542	370
Spring Hill village.....	Stearns.....	100	.....	.....	Waverly village.....	Hennepin.....	492	276	273
Spring Valley village.....	Fillmore.....	1,817	1,770	1,381	Welcome village.....	Martin.....	542	549	140
Springfield village.....	Brown.....	1,482	1,511	716	Wells village.....	Faribault.....	1,755	2,017	1,208
Staples city.....	Todd.....	2,568	1,504	585	Wendell village.....	Grant.....	175	.....	.....
Starbuck village.....	Pope.....	497	469	224	West Concord village.....	Dodge.....	584	635	.....
Stephen village.....	Marshall.....	618	513	265	West Minneapolis village.....	Hennepin.....	3,022	1,648	.....
Stewart village.....	McLeod.....	412	407	166	West St. Paul city.....	Dakota.....	2,660	1,830	1,596
Stewartville village.....	Olmsted.....	794	830	.....	West Union village.....	Todd.....	161	.....	.....
Stillwater city.....	Washington.....	10,198	12,318	11,260	Westbrook village.....	Cottonwood.....	429	.....	.....
Sturgeon Lake village.....	Pine.....	183	.....	.....	Whalan village.....	Fillmore.....	121	134	98
Swanville village.....	Morrison.....	307	244	.....	Wheatland village.....	Rice.....	85	135	.....
Taconite village.....	Itasca.....	549	.....	.....	Wheaton village.....	Traverse.....	1,300	1,132	383
Taopi village.....	Mower.....	140	115	.....	White Bear Lake village.....	Ramsey.....	1,505	1,288	1,356
Taunton village.....	Lyon.....	205	.....	.....	Wilder village.....	Jackson.....	95	174	.....
Taylor Falls village.....	Chisago.....	454	535	567	Willmar city.....	Kandiyohi.....	4,135	3,409	1,825
Tenney village.....	Wilkin.....	185	.....	.....	Willow River village.....	Pine.....	212	466	.....
Tenstrike Center village.....	Beltrami.....	250	.....	.....	Wilmont village.....	Nobles.....	252	.....	.....
Thief River Falls city.....	Pennington.....	3,714	1,819	191	Wilton village.....	Beltrami.....	215	.....	.....
Thomson village.....	Carlton.....	169	207	.....	Windom village.....	Cottonwood.....	1,749	1,944	835
Tintah village.....	Traverse.....	217	220	.....	Winnebago City village.....	Faribault.....	1,554	1,816	1,108
Tonka Bay village.....	Hennepin.....	107	.....	.....	Winona city.....	Winona.....	18,583	19,714	18,208
Tower city.....	St. Louis.....	1,111	1,366	1,110	Winsted village.....	McLeod.....	296	281	267
Tracy city.....	Lyon.....	1,876	1,911	1,400	Winthrop city.....	Sibley.....	1,043	813	438
Triumph village.....	Martin.....	243	.....	.....	Wood Lake village.....	Yellow Medicine.....	292	264	.....
Trosky village.....	Pipestone.....	181	215	.....	Woodstock village.....	Pipestone.....	226	211	.....
Truman village.....	Martin.....	461	261	.....	Worthington city.....	Nobles.....	2,385	2,386	1,164
Turtle River village.....	Beltrami.....	108	.....	.....	Wykoff village.....	Fillmore.....	456	495	335
Twin Valley village.....	Norman.....	543	356	.....	Wyoming village.....	Chisago.....	207	.....	.....
Two Harbors city.....	Lake.....	4,990	3,278	.....	Young America village.....	Carver.....	303	318	287
Tyler village.....	Lincoln.....	614	515	137	Zumbro Falls village.....	Wabasha.....	208	173	.....
Ulen village.....	Clay.....	438	317	.....	Zumbrota village.....	Goodhue.....	1,138	1,119	867

CHAPTER 2.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

Introduction.—The first chapter having given the number of inhabitants of Minnesota 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 the three cities of more than 25,000 inhabitants; Table III for cities of 10,000 to 25,000; Table IV for places of 2,500 to 10,000; and Table V for wards of cities of more than 50,000.

A series of summary tables (numbered 1 to 15) 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 Minnesota, 575,081, or 27.7 per cent, are native whites of native parentage; 941,136, or 45.4 per cent, are native whites of foreign or mixed parentage; and 543,010, or 26.2 per cent, are foreign-born whites. The corresponding percentages in 1900 were 24.3, 46, and 28.8, respectively, the proportion of native whites of native parentage having increased during the decade. The percentage of Indians is 0.4; of negroes, 0.3. In only 1 of the 86 counties is the percentage of foreign-born whites less than 15; in 56 counties it ranges from 15 to 25; in 22 counties from 25 to 35; and in 7 counties exceeds 35. In 35 counties the proportion of native whites of foreign or mixed parentage exceeds one-half. (See maps on page 630.)

Of the urban population, 29.2 per cent are native whites of native parentage; of the rural, 26.7 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 41.1 and 48.2 per cent, respectively. The percentage of foreign-born whites is 28.8 in the urban population and 24.3 in the rural. The negro population is almost entirely urban, and the Indian population almost entirely rural.

Sex (Table 2).—In the total population of the state there are 1,108,511 males and 967,197 females, or 114.6 males to 100 females. In 1900 the ratio was 113.9 to 100. Among native whites the ratio is 105.7 to 100 and among foreign-born whites 144. In the urban population there are 112.5 males to 100 females, and in the rural, 116.1.

State of birth (Tables 3 and 4).—Of the total native population—that is, population born in the United States—73.2 per cent were born in Minnesota and 26.8 per cent outside the state; of the native white population, 26.7 per cent were born outside the state; of the native negro, 77.4 per cent; and of the native Indian, 5.7 per cent. Persons born outside the state constitute a much 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 Minnesota, persons born in Sweden represent 22.5 per cent; Germany, 20.2; Norway, 19.4; Canada, 7.5; Austria, 6.8; Finland, 4.9; Russia, 3.2; Denmark, 3; Ireland, 2.9; England, 2.2; all other countries, 7.4. 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 26.7 per cent; Norway, 18.8; Sweden, 18.1; Canada, 7.5; Austria, 5.1; Ireland, 4.9; Finland, 3; Denmark, 2.5; England, 2.5; Russia, 2.

Voting and militia ages (Table 6).—The total number of males 21 years of age and over is 642,669, representing 31 per cent of the population. Of such males, 21.1 per cent are native whites of native parentage, 31.6 per cent native whites of foreign or mixed parentage, 46.4 per cent foreign-born whites, 0.5 per cent negroes; and 0.3 per cent Indians. Of the 298,282 foreign-born white males of voting age, 179,187, or 60.1 per cent, are naturalized. Males of militia age—18 to 44—number 491,113.

Age (Tables 7, 8, and 13).—Of the total population, 10.9 per cent are under 5 years of age, 20.9 per cent from 5 to 14 years, inclusive, 20.8 per cent from 15 to 24, 28.6 per cent from 25 to 44, and 18.4 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 3.2 per cent of this class being under 15 years of age, while more than five-sixths (85.3 per cent) are 25 years of age and over. Of the native whites of foreign or mixed parentage, less than one-third (32.5 per cent) are 25 and over, and of the native whites of native parentage approximately the same proportion (34.7 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, 33.8 per cent are from 25 to 44 years of age, inclusive, and of the rural population, 25 per cent.

School attendance (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 648,775, of whom 443,761, or 68.4 per cent, attended school. In addition to these, 9,463 children under 6 and 9,643 persons 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 68.1; for girls, 68.7. For children from 6 to 14 years, inclusive, the percentage attending school was 88.8. The percentage for children of this age among native whites of native parentage was 88.8; among native whites of foreign or mixed parentage, 89.2; among foreign-born whites, 86; among negroes, 90; and among Indians, 77.8. (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 of persons from 15 to 20 years, inclusive, 34.7 per cent in the urban population, as against 39.6 per cent in the rural, were reported as attending school.

Illiteracy (Table 10).—There are 49,336 illiterates in the state, representing 3 per cent of the total population 10 years of age and over, as compared with 4.1 per cent in 1900. The percentage of illiteracy is 7.6 among foreign-born whites, 3.4 among negroes, 0.5 among native whites, and 40.2 among Indians.

For all classes combined, the percentage of illiterates is slightly higher in rural than in urban communities. For each class separately, also, the rural percentage exceeds the urban, the difference being slight except in the case of the negroes and Indians.

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 very slight, only 0.7. (See Table I.)

Marital condition (Tables 11 and 14).—In the population 15 years of age and over 46.8 per cent of the males are single and 35 per cent of the females. The percentage married is 48.3 for males and 56.2 for females; and the percentage widowed 3.8 and 8, respectively. The percentages of those reported as divorced, 0.4 and 0.5, 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 so much smaller for women than for men is due partly to the excess of males in the total population and partly to the fact that women marry younger. Thus 4.3 per cent of the females from 15 to 19 years of age are married, as compared with 0.2 per cent of the males, and 35.5 per cent of the females from 20 to 24 years of age are married, as compared with 11.3 per cent of the males. In the next age group, 25 to 34 years, the percentages are 71.8 and 48.5, respectively; in the age group 35 to 44 they are 83.7 and 73, and among persons of 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, 60.4 for males and 71.9 for females; native whites of native parentage, 44.6 and 50.4, respectively; native whites of foreign or mixed parentage, 37.2 and 47; negroes, 44.2 and 56.9; and Indians, 56.1 and 62.1.

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 both sexes, is higher in rural than in urban communities.

Dwellings and families.—The total number of dwellings in Minnesota is 380,809, and the total number of families 416,453, there being 109.4 families to each 100 dwellings. (See Table I.) The average number of persons per dwelling is 5.5, and the average number per family, 5.

TABLE 7.—AGE, FOR THE STATE. [Per cent not shown where base is less than 100.]

Table with 16 columns: AGE PERIOD, TOTAL POPULATION (1910, 1900, Male, Female), NATIVE WHITE (Native parentage, Foreign or mixed parentage), FOREIGN-BORN WHITE (Male, Female), NEGRO (Male, Female), INDIAN (Male, Female), CHINESE, JAPANESE, AND ALL OTHER (Male, Female).

TABLE 8.—AGE, FOR URBAN AND RURAL POPULATION. [Per cent not shown where base is less than 100.]

Table with 16 columns: AGE PERIOD, TOTAL (Male, Female), NATIVE WHITE (Male, Female), FOREIGN-BORN WHITE (Male, Female), NEGRO (Male, Female), INDIAN (Male, Female).

TABLE 9.—SCHOOL ATTENDANCE. [Per cent not shown where base is less than 100.]

Table with 16 columns: AGE PERIOD, TOTAL (Number, Attending school), NATIVE WHITE (Native parentage, Foreign or mixed par.), FOREIGN-BORN WHITE (Number, Attending school), NEGRO (Number, Attending school), INDIAN (Number, Attending school).

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

FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900	FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900
	Total.		Foreign born.		Native.				Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.			Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
MINNEAPOLIS.															
All countries.....	202,486	100.0	85,938	100.0	85,312	31,236	60,983	Ireland.....	13,595	6.7	2,867	3.3	7,180	3,548	3,213
Austria.....	10,563	5.2	6,075	7.1	3,958	530	1,802	Italy.....	1,013	0.5	653	0.8	279	81	222
Belgium.....	133	0.1	63	0.1	25	45	32	Montenegro.....	118	0.1	118	0.1			
Canada—French.....	5,152	2.5	1,637	1.9	1,923	1,592	1,702	Norway.....	34,271	16.9	16,401	19.1	14,267	3,603	11,532
Canada—Other.....	13,696	6.8	5,877	6.8	2,423	5,396	5,626	Roumania.....	1,960	1.0	1,412	1.6	549	8	417
Denmark.....	3,889	1.9	2,030	2.4	1,310	549	1,473	Russia.....	8,871	4.4	5,654	6.6	2,992	225	2,160
England.....	7,446	3.7	2,798	3.3	1,697	2,951	2,288	Scotland.....	2,719	1.3	1,060	1.2	740	919	815
Finland.....	1,336	0.7	875	1.0	395	66	348	Sweden.....	52,755	26.1	26,477	30.8	22,326	3,952	20,034
France.....	894	0.4	293	0.3	301	300	206	Switzerland.....	884	0.4	299	0.3	302	283	308
Germany.....	29,992	14.8	8,650	10.1	14,798	6,544	7,550	Turkey.....	368	0.2	280	0.3	81	7	23
Greece.....	518	0.3	463	0.5	36	19	55	Wales.....	761	0.4	213	0.2	296	252	230
Holland.....	500	0.2	209	0.2	171	120	96	All other.....	19,286	4.6	358	0.4	1,875	171	275
Hungary.....	1,757	0.9	1,176	1.4	506	75	581								
ST. PAUL.															
All countries.....	149,922	100.0	56,524	100.0	69,231	24,167	46,748	Hungary.....	2,888	1.9	1,989	3.5	785	114	659
Austria.....	8,209	5.5	3,900	6.9	3,405	904	2,874	Ireland.....	16,871	11.3	4,184	7.4	8,798	3,889	4,861
Belgium.....	123	0.1	70	0.1	21	32	40	Italy.....	3,136	2.1	1,994	3.5	1,050	92	529
Canada—French.....	3,436	2.3	1,066	1.9	1,208	1,132	1,012	Norway.....	9,294	6.2	4,063	7.2	4,001	1,230	2,900
Canada—Other.....	7,587	5.0	3,302	5.8	1,408	2,857	3,539	Roumania.....	339	0.2	267	0.5	68	4	82
Denmark.....	2,964	2.0	1,412	2.5	1,193	359	1,205	Russia.....	7,007	4.7	4,359	7.7	2,428	220	1,264
England.....	5,509	3.7	2,136	3.8	1,408	1,820	2,002	Scotland.....	1,732	1.2	669	1.2	528	535	673
Finland.....	102	0.1	73	0.1	14	15	51	Sweden.....	24,640	16.4	11,335	20.1	11,379	1,026	9,832
France.....	773	0.5	276	0.5	244	253	289	Switzerland.....	1,326	0.9	544	1.0	473	309	492
Germany.....	45,739	30.5	14,025	24.8	23,558	8,156	13,692	Turkey.....	324	0.2	202	0.4	116	6	39
Greece.....	162	0.1	129	0.2	17	16	16	Wales.....	263	0.2	73	0.1	79	111	70
Holland.....	428	0.3	194	0.3	158	76	119	All other.....	17,090	4.7	232	0.4	1,674	111	488

1 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.		INDIAN.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Duluth.....	44,866	33,600	25,295	22,054	19,287	11,365	236	174	11	6
Under 5 years.....	3,774	3,712	3,662	3,618	99	80	11	12	1	2
Under 1 year.....	801	808	789	799	12	6		7		
5 to 9 years.....	3,443	3,291	3,024	2,65	265	260	4	7		
10 to 14 years.....	3,131	3,216	2,846	2,834	275	317	9	15	2	
15 to 19 years.....	3,497	3,625	2,833	3,054	647	562	14	9		
20 to 24 years.....	5,493	4,196	2,918	2,730	2,556	1,445	17	21		
25 to 34 years.....	11,021	6,357	4,828	3,220	6,110	3,096	72	38		2
35 to 44 years.....	7,078	4,415	2,624	1,872	4,370	2,494	74	48	1	1
45 to 64 years.....	6,412	3,966	2,081	1,854	4,288	2,591	31	21	1	
65 years and over.....	773	723	219	218	550	503	2	1	2	1
Age unknown.....	244	99	112	80	127	17		2	3	
Minneapolis.....	157,345	144,063	106,702	106,032	49,017	36,921	1,499	1,093	4	9
Under 5 years.....	13,031	12,766	12,759	12,498	212	210	58	55		1
Under 1 year.....	2,692	2,743	2,668	2,715	13	16		11		
5 to 9 years.....	11,187	10,898	10,453	10,122	672	720	61	54		2
10 to 14 years.....	11,193	11,283	10,357	10,444	775	762	59	77		
15 to 19 years.....	13,294	15,018	11,750	13,360	1,468	1,582	77	73		2
20 to 24 years.....	19,490	19,583	13,972	15,360	5,372	4,088	132	128		1
25 to 34 years.....	34,899	28,930	20,461	19,458	13,952	9,152	453	317	2	1
35 to 44 years.....	23,192	19,614	11,986	11,490	10,824	7,892	355	228		2
45 to 64 years.....	24,795	20,264	11,530	10,355	12,993	9,785	231	124	1	
65 years and over.....	4,781	5,079	2,176	2,387	2,571	2,668	33	23	1	
Age unknown.....	1,483	628	1,258	552	189	62		14		
St. Paul.....	111,809	102,935	78,304	76,688	31,532	24,992	1,904	1,240	5	5
Under 5 years.....	9,380	9,036	8,151	8,781	169	109	81	83		1
Under 1 year.....	1,975	1,833	1,947	1,815	10	6	18	11		1
5 to 9 years.....	8,789	8,696	8,261	8,155	459	469	68	72	1	
10 to 14 years.....	8,825	8,774	8,226	8,215	525	484	74	75		
15 to 19 years.....	10,370	11,755	9,337	10,688	943	972	86	91		
20 to 24 years.....	13,842	14,180	10,677	11,648	2,974	2,373	179	153	3	2
25 to 34 years.....	24,818	19,712	16,070	13,863	8,082	5,499	648	349		1
35 to 44 years.....	15,742	13,470	8,637	7,985	6,633	5,253	453	231	1	1
45 to 64 years.....	16,926	13,974	7,084	6,406	9,546	7,420	282	148		
65 years and over.....	3,034	3,282	907	907	2,191	2,338	33	37		
Age unknown.....	73	55	51	40	22	15		1		

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TABLE 14.—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. ¹	Single.		Married.		Wid-owed.	Di-voiced.	Total. ¹	Single.		Married.		Wid-owed.	Di-voiced.
		Number.	Per cent.	Number.	Per cent.				Number.	Per cent.	Number.	Per cent.		
Duluth														
Total.....	34,518	18,068	52.3	14,887	43.1	898	105	23,381	8,071	34.5	13,242	56.6	1,567	156
15 to 24 years.....	8,990	8,095	90.0	636	7.1	3	2	7,821	5,826	74.5	1,795	22.1	24	7
25 to 44 years.....	18,099	8,009	47.6	9,041	50.0	249	45	10,772	2,006	18.6	8,294	76.3	354	104
45 years and over.....	7,185	1,278	17.8	5,180	72.1	644	57	4,689	212	4.5	3,264	69.6	1,156	45
Age unknown.....	244	86	35.2	30	12.3	2	1	99	27	29	3	3	.....
Native white—Native parentage.....	6,756	3,699	54.8	2,698	39.9	185	30	4,312	1,495	34.7	2,370	55.0	324	43
Native white—Foreign or mixed parentage.....	8,859	5,703	64.4	2,806	31.7	138	19	8,216	4,240	51.6	3,485	42.4	262	36
Foreign-born white.....	18,648	8,547	45.8	9,262	49.7	568	54	10,708	2,305	21.5	7,294	68.1	944	73
Negro.....	212	102	48.1	99	46.7	6	2	140	30	21.4	90	64.3	17	3
Indian.....	7	2	.....	1	.....	1	.....	4	1	.....	2	.....	1	.....
Minneapolis														
Total.....	121,934	58,549	48.4	58,384	47.9	4,192	596	109,116	40,647	37.3	56,664	51.9	9,643	869
15 to 24 years.....	32,784	29,349	89.5	2,631	8.0	22	14	34,601	26,855	77.6	6,866	19.8	79	60
25 to 44 years.....	58,091	28,401	49.0	33,087	57.0	968	320	48,544	12,097	24.9	23,672	69.4	2,053	514
45 years and over.....	29,576	8,526	28.8	22,506	76.1	3,186	261	25,343	1,576	6.2	15,940	62.9	7,473	294
Age unknown.....	1,483	204	17.8	160	10.8	16	1	628	119	18.9	186	29.6	38	1
Native white—Native parentage.....	37,207	17,161	46.1	17,217	46.3	1,321	249	32,400	12,412	38.3	15,735	48.6	3,311	368
Native white—Foreign or mixed parentage.....	35,926	20,889	58.1	13,686	38.1	670	139	40,568	20,229	49.9	17,789	43.8	1,827	234
Foreign-born white.....	47,358	17,841	37.7	26,820	56.6	2,117	194	35,229	7,767	22.0	22,617	64.2	4,374	251
Negro.....	1,321	588	44.5	601	45.5	83	14	907	235	25.9	516	56.9	130	16
Indian.....	4	2	.....	1	.....	1	.....	6	3	.....	3	.....	.....	.....
St. Paul														
Total.....	84,805	42,324	49.9	38,783	45.7	3,096	436	76,429	31,566	41.3	37,713	49.3	6,583	432
15 to 24 years.....	24,212	22,432	92.6	1,706	7.0	13	11	25,935	21,175	81.6	4,604	17.8	68	28
25 to 44 years.....	40,560	17,715	43.7	21,689	53.5	820	265	33,182	9,181	27.7	22,193	66.9	1,502	258
45 years and over.....	19,960	2,151	10.8	15,368	77.0	2,262	160	17,256	1,193	6.9	10,897	63.1	5,004	145
Age unknown.....	73	26	.....	20	.....	1	.....	56	17	.....	19	.....	9	1
Native white—Native parentage.....	22,281	12,377	55.5	8,941	40.1	752	151	19,140	8,950	46.8	8,536	44.6	1,481	129
Native white—Foreign or mixed parentage.....	30,385	18,803	61.9	10,820	35.6	574	118	32,397	17,568	54.2	13,160	40.6	1,455	156
Foreign-born white.....	30,391	10,263	33.8	18,250	60.1	1,694	151	23,870	4,768	20.0	15,428	64.6	3,506	136
Negro.....	1,681	838	49.9	749	44.6	75	16	1,010	270	26.7	587	58.1	141	11
Indian.....	4	3	.....	1	.....	.....	.....	4	3	.....	1	.....	.....	.....

¹ Total includes persons whose marital condition is unknown.

TABLE 15.—INDIAN, CHINESE, AND JAPANESE POPULATION FOR PRINCIPAL COUNTIES.

COUNTY.	INDIAN.			CHINESE.			JAPANESE.			COUNTY.	INDIAN.			CHINESE.			JAPANESE.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890		1910	1900	1890	1910	1900	1890	1910	1900	1890
The state.....	9,053	19,182	210,096	275	166	94	67	51	2	Lake.....	39	32	21	3	7	2	.....	.....	.....
Aitkin.....	54	138	233	.....	.....	.....	.....	.....	.....	Lincoln.....	.....	.....	11	.....	.....	.....	.....	.....	.....
Becker.....	1,636	14	178	.....	.....	.....	.....	.....	.....	Mahnomen.....	1,635	.....	.....	.....	.....	.....	.....	.....	.....
Beltrami.....	1,402	1,415	.....	2	1	.....	.....	.....	.....	Mille Lacs.....	227	.....	17	.....	.....	.....	.....	.....	.....
Benton.....	.....	.....	25	.....	.....	.....	.....	.....	.....	Murray.....	.....	.....	49	.....	.....	.....	.....	.....	.....
Big Stone.....	.....	.....	66	.....	.....	1	.....	.....	.....	Pine.....	174	156	135	.....	.....	.....	.....	.....	.....
Blue Earth.....	1	.....	28	.....	.....	1	.....	.....	.....	Pipestone.....	220	110	.....	1	.....	.....	.....	.....	.....
Carlton.....	394	356	19	.....	.....	2	.....	.....	.....	Polk.....	7	1	16	.....	10	1	.....	.....	.....
Cass.....	1,172	1,429	.....	.....	.....	4	.....	.....	.....	Ramsey.....	10	5	12	45	28	36	28	5	1
Chisago.....	24	.....	7	.....	.....	.....	.....	.....	.....	Redwood.....	167	139	101	.....	2	.....	.....	.....	.....
Clearwater.....	250	.....	1	.....	.....	.....	.....	.....	.....	Roseau.....	75	38	.....	.....	.....	.....	.....	.....	.....
Cook.....	220	298	.....	.....	.....	.....	.....	.....	.....	St. Louis.....	628	972	44	100	35	24	.....	42	.....
Crow Wing.....	17	38	185	.....	.....	2	.....	.....	.....	Scott.....	4	12	35	.....	.....	.....	.....	.....	.....
Dakota.....	90	75	52	.....	.....	.....	.....	.....	.....	Stearns.....	.....	.....	120	.....	.....	.....	.....	.....	.....
Goodhue.....	56	65	60	3	2	.....	.....	.....	.....	Stevens.....	.....	164	54	.....	.....	.....	.....	.....	.....
Hennepin.....	27	48	40	101	24	17	30	.....	1	Swift.....	.....	.....	98	.....	.....	.....	.....	.....	.....
Itasca.....	225	632	23	.....	.....	.....	.....	.....	.....	Wabasha.....	.....	.....	15	.....	1	.....	.....	.....	.....
Kanabec.....	3	37	49	.....	.....	.....	.....	.....	.....	Washington.....	30	28	74	.....	3	.....	.....	.....	.....
Kittson.....	84	20	95	.....	.....	.....	.....	.....	.....	Yellow Medicine.....	57	59	18	.....	.....	.....	.....	.....	.....
Koochiching.....	97	.....	.....	2	.....	.....	.....	.....	.....	Remainder of state.....	28	18	57	16	43	9	7	2	.....

¹ Includes 2,883 Indians on White Earth Indian Reservation, not returned by counties in 1900; returned in 1910 in Becker, Clearwater, and Mahnomen Counties.

² Includes 8,208 Indians specially enumerated in 1890, not distributed by counties.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE
[Per cent not shown where base is less than 100.]

SUBJECT.	THE STATE.	Aitkin. ¹	Anoka.	Becker.	Beltrami. ²	Benton.	Big Stone. ³	Blue Earth.	Brown.
POPULATION									
Total population, 1910.....	2,075,708	10,371	12,493	18,840	219,337	11,615	9,367	29,337	20,134
1900.....	¹ 1,751,394	6,743	11,313	⁴ 14,375	² 11,030	9,912	8,731	32,263	19,787
1890.....	¹ 1,310,283	2,462	9,884	9,401	312	6,284	5,722	29,210	15,817
1880.....	780,773	366	7,108	5,218	10	3,012	3,688	22,889	12,018
1870.....	⁴ 439,706	178	3,940	308	80	1,568	24	17,302	6,396
Increase, 1900-1910.....	324,314	3,628	1,180	⁴ 4,465	² 8,307	1,703	636	-2,926	347
Per cent of increase.....	18.5	53.8	10.4	⁴ 31.1	² 75.3	17.2	7.3	-9.1	1.8
Increase, 1890-1900.....	441,111	4,281	1,429	4,974	⁷ 9,205	3,628	3,000	3,053	3,970
Per cent of increase.....	33.7	173.9	14.5	52.9	⁷ 2,950.3	57.7	52.6	10.5	25.1
Land area (square miles).....	80,858	1,830	459	1,349	3,822	405	491	762	612
Population per square mile, 1910.....	25.7	5.7	27.2	14.0	5.1	28.7	19.1	38.5	32.9
Rural population per square mile, 1910.....	15.2	5.7	18.6	11.9	3.7	25.8	19.1	24.9	23.7
URBAN AND RURAL TERRITORY.									
Urban, 1910—Places of 2,500 or more in 1910.....	850,294		3,972	2,807	² 5,099	¹ 1,180		10,365	5,648
Same places in 1900.....	613,595		3,789		² 2,183	¹ 913		10,590	5,403
Per cent of increase, 1900-1910.....	38.6		5.4		² 133.6			-2.2	4.5
Rural, 1910—Remainder of county in 1910.....	1,225,414	10,371	8,521	⁴ 16,033	² 14,238	10,435	9,367	18,972	14,486
Same territory in 1900.....	¹ 1,137,799	6,743	7,544	(4)	² 4,716	8,999	8,731	21,664	14,384
Per cent of increase, 1900-1910.....	7.7	53.8	13.0	(4)	² 201.9	16.0	7.3	-12.4	0.7
Urban, 1900—Places of 2,500 or more in 1900.....	595,190		3,769		² 11,030	¹ 913		10,599	5,403
Rural, 1900—Remainder of county in 1900.....	¹ 1,153,294	6,743	7,544	⁴ 14,375	² 11,030	8,999	8,731	21,664	14,384
Per cent in places of 2,500 or more, 1910.....	41.0		31.8	14.9	² 26.4	10.2		35.3	28.1
Per cent in places of 2,500 or more, 1900.....	34.1		33.3			9.2		32.9	27.3
COLOR AND NATIVITY									
White.....	2,059,227	10,271	12,452	17,200	17,922	11,613	9,363	29,328	20,132
Number in 1900.....	¹ 1,737,036	6,553	11,500	14,357	9,602	9,012	8,726	32,850	19,781
Number in 1890.....	¹ 1,296,408	2,323	9,864	9,222	312	6,258	5,655	29,168	15,814
Negro.....	7,084	46	41	4	11	2	3	8	2
Number in 1900.....	4,959	47	15	4	12		5	12	6
Number in 1890.....	5,633	1	19	1	14		14	3	3
Black.....	4,463	28	19	4	9		2	8	2
Mulatto.....	2,616	18	22		2		1		
Indian, Chinese, Japanese, and all other (see Tables 1 and 15).....	9,397	54		1,636	1,404		1	1	
Native white—Native parentage.....	575,081	2,904	4,564	4,422	5,670	2,820	3,006	11,226	4,536
Number in 1900.....	² 425,780	1,773	3,704	3,122	2,574	2,170	2,299	11,166	2,379
Native white—Foreign or mixed parentage.....	941,136	4,285	5,044	8,443	7,015	6,234	4,384	12,754	10,932
Number in 1900.....	² 806,321	3,445	4,714	6,760	3,854	5,059	4,031	13,766	10,860
Native white—Foreign parentage.....	687,460	3,235	3,328	5,898	4,613	4,528	2,928	8,336	7,406
Native white—Mixed parentage.....	273,676	1,050	1,716	2,545	2,402	1,781	1,456	4,418	3,526
Foreign-born white.....	543,010	3,082	4,335	4,335	5,237	2,599	1,973	5,348	4,664
Number in 1900.....	² 504,955	2,334	2,822	4,476	3,174	2,683	2,396	7,319	6,042
PER CENT OF TOTAL POPULATION.									
Native white—Native parentage.....	27.7	28.0	36.5	23.5	29.3	24.3	32.1	38.3	22.5
Per cent in 1900.....	24.3	29.4	32.7	21.7	23.3	21.9	26.3	34.6	14.6
Native white—Foreign or mixed parentage.....	45.3	41.3	40.4	44.8	36.3	53.7	46.8	43.5	54.3
Per cent in 1900.....	49.0	¹ 36.3	41.7	47.0	34.9	51.0	46.2	42.7	54.9
Foreign-born white.....	26.2	29.7	22.8	23.0	27.1	22.0	18.2	23.2	23.2
Per cent in 1900.....	28.3	34.6	25.5	31.1	28.8	27.1	27.4	22.7	30.5
FOREIGN NATIONALITIES									
FOREIGN-BORN WHITE: Born in—									
Austria.....	37,120	71	34	41	148	97	21	245	920
Belgium.....	1,557	6	2	2	10	31	6	22	3
Canada—French.....	11,062	107	127	55	214	38	15	12	4
Canada—Other.....	29,856	207	314	220	716	120	103	318	66
Denmark.....	16,137	35	103	115	150	26	62	204	282
England.....	12,136	23	90	64	108	25	37	122	20
Finland.....	26,637	609	8	440	94	5	1		
France.....	1,460	1	13	5	10	8	4	21	11
Germany.....	109,627	240	385	670	363	1,326	419	2,610	2,473
Greece.....	1,660	7			9	7		6	1
Holland.....	3,542	19	12	7	7	15	20	11	15
Hungary.....	5,582	5	36	1	6	8		4	7
Ireland.....	15,859	30	128	47	82	52	177	169	31
Italy.....	9,668	14	9	3	1	56			
Norway.....	105,302	456	333	1,595	1,934	169	483	644	589
Roumania.....	2,008		2					5	1
Russia.....	17,541	32	19	54	42	41	3	42	26
Scotland.....	4,373	19	14	12	33	34	16	40	12
Sweden.....	122,427	1,192	1,142	958	1,256	471	522	576	158
Switzerland.....	2,992	15	41	22	20	16	29	57	48
Other foreign countries.....	6,464	1	20	24	34	8	55	340	17
NATIVE WHITE: Both parents born in—									
Austria.....	29,200	17	34	47	40	159	6	133	1,166
Canada—French.....	13,442	140	238	58	204	53	21	17	5
Canada—Other.....	14,900	189	141	136	319	106	62	127	53
Denmark.....	15,430	31	75	113	75	27	77	170	329
England.....	9,746	26	83	44	63	25	24	137	18
France.....	1,396	3	20	6	23	13	8	31	12
Germany.....	195,537	346	595	1,101	621	2,648	721	4,431	4,093
Holland.....	3,326	20	6	4	9	17	42	10	17
Hungary.....	2,419	2			2	13		4	2
Ireland.....	38,364	66	193	105	238	134	323	512	78
Italy.....	2,975	15	3		1				
Norway.....	126,549	536	299	2,131	1,606	209	698	825	856
Russia.....	11,207	5	7	38	17	61	2	16	11
Scotland.....	3,768	16	13	6	38	27	16	57	3
Sweden.....	118,063	957	1,160	972	754	529	608	706	181
Switzerland.....	3,122	15	26	11	11	39	20	91	45
Wales.....	1,484	4	2	2	3	1	6	466	9
All others of foreign parentage ¹⁰	76,512	897	402	1,124	589	392	293	603	523

¹ For changes in boundaries, etc., see page 629.
² For combined figures for Beltrami and Clearwater Counties, see Note 1 on page 629.
³ State total includes population (3,486) of White Earth Indian Reservation, in Becker, Clearwater, and Mahanomen Counties, not returned by counties in 1900, distributed by color and nativity as follows: Native white—native parentage, 156; native white—foreign or mixed parentage, 294; foreign-born white, 153; and Indian, 2,883.
⁴ See Note 2 on page 629.
⁵ State total includes population (8,457) of Indian reservations specially enumerated in 1890, not distributed by counties.
⁶ State total includes population (145) of old Lao qui Parle, annexed to Swift and other counties in 1870; also population (3,161) of Monongalia, annexed to Kandiyohi in 1870.

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POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Aitkin. ¹	Anoka.	Becker.	Beltrami. ¹	Benton.	Big Stone. ¹	Blue Earth.	Brown.
SEX									
Total..Male.....	1,108,511	5,781	6,549	9,984	11,350	6,166	4,994	15,067	10,196
Female.....	987,197	4,590	5,944	8,876	7,987	5,449	4,373	14,270	9,938
White..Male.....	1,099,425	5,734	6,528	9,150	10,607	6,165	4,991	15,062	10,195
Female.....	950,802	4,537	5,924	8,050	7,315	5,443	4,372	14,266	9,937
Negro..Male.....	4,183	26	21	4	5	1	2	5	1
Female.....	2,901	20	20	4	6	1	1	3	1
MALES OF VOTING AGE									
Total number.....	642,669	3,191	3,693	5,046	7,050	2,915	2,648	8,514	5,250
Number in 1900.....	¹¹ 606,794	2,183	3,218	3,860	4,070	2,320	2,525	9,077	5,179
Native white—Native parentage.....	135,494	320	1,037	901	1,667	495	631	2,304	446
Number in 1900.....	¹¹ 104,577	604	944	735	914	460	539	2,499	417
Native white—Foreign or mixed parentage.....	203,127	579	1,077	1,455	1,717	1,024	932	3,443	2,417
Number in 1900.....	¹¹ 137,054	350	774	882	546	546	678	2,843	1,732
Native white—Foreign parentage.....	163,838	400	809	1,173	1,296	840	690	2,666	2,081
Native white—Mixed parentage.....	39,289	179	268	282	421	184	242	777	336
Foreign-born white.....	298,282	1,769	1,561	2,320	3,315	1,395	1,082	2,763	2,386
Number in 1900.....	¹¹ 200,765	1,404	1,495	2,550	1,946	1,314	1,303	3,729	2,975
Negro.....	3,390	12	18	4	5	1	2	4	1
Number in 1900.....	2,168	13	6	4	7	1	5	6	5
Indian, Chinese, Japanese, and all other.....	2,376	11		366	346		1		
PER CENT OF TOTAL.									
Native white—Native parentage.....	21.1	25.7	28.1	17.9	23.6	17.0	23.8	27.1	8.5
Native white—Foreign or mixed parentage.....	31.6	18.1	29.2	28.8	24.4	35.1	35.2	40.4	46.0
Foreign-born white.....	46.4	55.4	42.3	46.0	47.0	47.9	40.9	32.5	45.4
CITIZENSHIP OF FOREIGN-BORN WHITE.									
Naturalized.....	179,187	1,171	1,140	1,770	1,835	1,137	833	2,170	2,011
Having first papers.....	26,222	192	98	151	581	44	32	168	161
Alien.....	58,132	287	151	177	665	90	128	295	119
Unknown.....	34,741	119	172	222	234	124	89	130	95
ILLITERACY									
ILLITERATE MALES OF VOTING AGE.									
Total number illiterate.....	23,603	135	127	224	369	143	76	267	123
Per cent illiterate.....	3.7	4.2	3.4	4.4	5.2	4.9	2.9	3.1	2.3
Per cent in 1900.....	4.1	6.2	4.8	2.9	11.2	7.3	6.1	2.6	3.9
Native white, number illiterate.....	2,489	19	38	23	19	40	6	44	16
Per cent illiterate.....	0.7	1.4	1.8	1.0	0.6	2.6	0.4	0.8	0.6
Foreign-born white, number illiterate.....	19,947	107	85	86	129	103	70	222	107
Per cent illiterate.....	6.7	6.0	5.4	3.7	3.9	7.4	6.5	8.0	4.5
Negro, number illiterate.....	123	4	4					1	
Per cent illiterate.....	3.6								
PERSONS 10 YEARS OLD AND OVER.									
Total number.....	1,628,635	7,656	9,834	13,957	14,693	8,551	7,180	23,408	15,113
Number illiterate.....	49,336	303	236	587	798	360	161	559	414
Per cent illiterate.....	3.0	4.0	2.4	4.2	5.4	4.2	2.2	2.4	2.7
Native white, number.....	1,081,512	4,572	6,989	8,553	8,555	6,010	5,226	18,089	10,485
Number illiterate.....	5,838	44	68	58	50	94	16	83	53
Per cent illiterate.....	0.5	1.0	1.0	0.7	0.6	1.6	0.3	0.5	0.5
Foreign-born white, number.....	535,915	3,016	2,807	4,280	5,088	2,539	1,950	5,310	4,626
Number illiterate.....	40,627	236	161	224	204	266	145	475	361
Per cent illiterate.....	7.6	7.8	5.7	5.2	4.0	10.5	7.4	8.9	7.8
Negro, number.....	6,366	28	38	4	11	2	3	8	2
Number illiterate.....	215	5	7					1	
Per cent illiterate.....	3.4								
PERSONS 10 TO 20 YEARS, INCLUSIVE.									
Total number.....	473,555	2,447	2,921	4,707	3,709	3,249	2,396	6,855	4,877
Number illiterate.....	3,356	14	5	65	46	30	16	30	12
Per cent illiterate.....	0.7	0.6	0.2	1.4	1.2	0.9	0.7	0.4	0.2
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive.....	648,775	3,511	4,008	6,605	5,359	4,468	3,268	9,204	6,913
Number attending school.....	443,761	2,534	2,845	4,789	3,610	3,080	2,399	6,654	5,050
Per cent attending school.....	68.4	72.2	71.0	72.5	67.4	69.2	73.4	72.3	73.1
Number 6 to 9 years.....	175,220	1,064	1,087	1,898	1,650	1,219	872	2,349	2,036
Number attending school.....	141,114	846	781	1,472	1,242	941	732	1,993	1,784
Number 10 to 14 years.....	214,402	1,259	1,405	2,319	1,784	1,573	1,089	3,044	2,357
Number attending school.....	205,053	1,209	1,376	2,233	1,661	1,530	1,060	2,960	2,306
Number 15 to 17 years.....	127,497	647	843	1,249	896	640	640	1,935	1,367
Number attending school.....	76,337	404	556	831	549	516	455	1,277	788
Number 18 to 20 years.....	131,656	541	673	1,139	1,029	758	667	1,876	1,153
Number attending school.....	21,253	75	132	253	158	103	152	424	172
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Total number.....	389,022	2,323	2,492	4,217	3,434	2,792	1,961	5,393	4,393
Number attending school.....	346,172	2,055	2,157	3,705	3,075	2,471	1,792	4,953	4,090
Per cent attending school.....	88.8	88.5	86.6	87.9	84.5	88.5	91.4	91.8	93.1
Native white—Native parentage, number.....	135,742	668	1,083	1,158	1,221	797	776	2,776	1,609
Number attending school.....	120,518	618	920	1,045	1,040	706	708	2,535	1,493
Per cent attending school.....	88.8	92.5	84.9	90.2	85.2	88.6	91.2	91.3	92.8
Native white—Foreign or mixed parentage, number.....	236,744	1,485	1,344	2,886	1,711	1,960	1,145	2,537	2,718
Number attending school.....	211,063	1,288	1,176	2,289	1,443	1,734	1,050	2,344	2,539
Per cent attending school.....	89.2	86.7	87.5	88.5	84.3	88.5	91.7	92.4	93.4
Foreign-born white, number.....	14,344	148	58	102	208	35	40	79	68
Number attending school.....	12,340	132	55	86	163	31	34	74	53
Per cent attending school.....	86.0	89.2		84.3	78.4				
Negro, number.....	649	10	7					1	
Number attending school.....	584	7	6						
Per cent attending school.....	90.0								
DWELLINGS AND FAMILIES									
Dwellings, number.....	330,809	2,118	2,541	3,651	4,290	2,123	1,763	6,385	4,059
Families, number.....	416,452	2,145	2,613	3,705	4,434	2,167	1,793	6,606	4,211

¹ See Note 3 on page 629.

² Population of part of St. Cloud city; total population of city in Benton, Sherburne, and Stearns Counties, 10,600 in 1910; 8,663 in 1900.

³ Includes 249 whites specially enumerated in 1890, not distributed by counties.

⁴ 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.

¹¹ Totals include 814 persons on White Earth Indian Reservation, distributed by color and nativity as follows: Native white—native parentage, 31; native white—foreign or mixed parentage, 73; foreign-born white, 96; Indian, 614.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Carlton.	Carver.	Cass. ¹	Chippewa. ¹	Chisago.	Clay.	Clearwater. ¹	Cook. ¹	Cottonwood.
POPULATION									
Total population, 1910.....	17,559	17,455	11,620	13,458	13,537	19,640	26,870	1,336	12,651
1900.....	10,017	17,544	7,777	12,499	13,248	17,942	(²)	810	12,069
1890.....	5,272	16,532	1,247	8,555	10,359	11,517		98	7,412
1880.....	1,230	14,140	486	5,408	7,982	5,887		65	5,533
1870.....	286	11,586	380	1,467	4,358	92			534
Increase, 1900-1910.....	7,542	-89	3,843	959	289	1,698	26,870	526	582
Per cent of increase.....	75.3	-0.5	49.4	7.7	2.2	9.5	(²)	64.9	4.8
Increase, 1890-1900.....	4,378	1,012	4,149	3,944	2,889	6,425		604	4,657
Per cent of increase.....	83.0	6.1	332.7	46.1	27.9	55.8		616.3	62.8
Land area (square miles).....	867	376	2,104	591	427	1,043	1,019	1,498	640
Population per square mile, 1910.....	20.3	46.4	5.5	22.8	31.7	18.8	6.7	0.9	19.8
Rural population per square mile, 1910.....	12.1	46.4	5.5	17.6	31.7	14.2	6.7	0.9	19.8
URBAN AND RURAL TERRITORY.									
Urban, 1910—Places of 2,500 or more in 1910.....	7,031			3,056		4,840	(²)		
Same places in 1900.....	3,072			2,146		3,730	(²)		
Per cent of increase, 1900-1910.....	128.9			42.4		29.8	(²)		
Rural, 1910—Remainder of county in 1910.....	10,528	17,455	11,620	10,402	13,537	14,800	26,870	1,336	12,651
Same territory in 1900.....	6,945	17,544	7,777	10,353	13,248	14,212	(⁴)	810	12,069
Per cent of increase, 1900-1910.....	51.6	-0.5	49.4	0.5	2.2	4.1	(⁴)	64.9	4.8
Urban, 1900—Places of 2,500 or more in 1900.....	3,072					3,730			
Rural, 1900—Remainder of county in 1900.....	6,945	17,544	7,777	12,499	13,248	14,212	(²)	810	12,069
Per cent in places of 2,500 or more, 1910.....	40.0			22.7		24.6	(²)		
Per cent in places of 2,500 or more, 1900.....	30.7					20.8			
COLOR AND NATIVITY									
White.....	17,164	17,451	10,412	13,453	13,509	19,624	6,620	1,116	12,649
Number in 1900.....	9,556	17,543	6,336	12,496	13,247	17,932		611	12,068
Number in 1890.....	6,251	16,532	1,247	8,554	10,352	11,509		97	7,411
Negro.....		4	36	5	4	15			2
Number in 1900.....	2	1	8	9	1	7		1	1
Number in 1890.....						8			1
Black.....		4	35	2	2	8			2
Mulatto.....			1	3		7			
Indian, Chinese, Japanese, and all other (see Tables 1 and 15).....	395		1,172		24	1	250	220	
Native white—Native parentage.....	2,688	4,890	4,548	3,208	1,960	4,048	1,085	156	3,174
Number in 1900.....	1,860	2,956	2,790	2,032	1,467	2,642		49	2,587
Native white—Foreign or mixed parentage.....	7,858	9,116	3,316	6,976	6,976	10,201	3,355	449	6,611
Number in 1900.....	4,869	9,351	2,098	6,679	6,762	8,567		186	6,881
Native white—Foreign parentage.....	6,342	6,067	2,211	4,669	5,401	7,114	2,424	359	4,954
Native white—Mixed parentage.....	1,516	3,029	1,105	2,317	1,575	3,087	931	90	1,657
Foreign-born white.....	6,920	3,445	2,548	3,269	4,455	3,375	2,180	511	2,864
Number in 1900.....	4,127	4,737	1,478	3,385	6,018	6,039		276	3,600
PER CENT OF TOTAL POPULATION.									
Native white—Native parentage.....	15.3	28.0	39.1	23.8	14.5	20.6	15.8	11.7	25.1
Per cent in 1900.....	12.6	16.8	35.9	19.3	11.1	14.2		6.0	21.4
Native white—Foreign or mixed parentage.....	44.8	52.2	28.5	51.8	52.4	51.9	48.8	39.6	52.3
Per cent in 1900.....	42.6	46.2	33.6	52.6	51.0	52.2		38.0	48.7
Foreign-born white.....	37.7	19.7	21.9	24.3	32.9	27.4	31.7	38.2	22.6
Per cent in 1900.....	41.2	27.0	19.0	31.1	37.6	33.6		34.1	29.8
FOREIGN NATIONALITIES									
FOREIGN-BORN WHITE: Born in—									
Austria.....	77	41	190	18	22	13	4	18	112
Belgium.....	10	28	3		1	3	2	1	
Canada—French.....	432	2	71	5	26	30	7	31	6
Canada—Other.....	474	41	250	84	57	324	56	43	63
Denmark.....	63	15	53	32	59	102	47	2	207
England.....	45	9	33	18	32	120	10	8	33
Finland.....	2,135	6	86	3	8	6	36	46	2
France.....	12	15	5			6			7
Germany.....	415	2,259	300	756	321	623	49	11	624
Greece.....	60	1	37			19			1
Holland.....	7	121	3	117		11	1		27
Hungary.....	2	4	14			3			
Ireland.....	76	53	39	30	38	71	5	4	28
Italy.....	39		3		1	259	42		
Norway.....	790	35	620	1,579	89	2,576	1,295	201	723
Roumania.....					3				1
Russia.....	225	45	95	7	9	44	2	3	821
Scotland.....	27	5	16	13	4	45	7		7
Sweden.....	1,702	688	700	514	3,760	1,062	603	187	185
Switzerland.....	16	33	16	10	9	19	1	4	7
Other foreign countries.....	13	44	14	33	9	39	12	2	10
NATIVE WHITE: Both parents born in—									
Austria.....	41	41	24	11	32	15	4		138
Canada—French.....	457	5	75	7	30	53	7	20	12
Canada—Other.....	300	9	137	41	15	172	26	21	19
Denmark.....	49	10	48	99	45	68	36		268
England.....	58	18	35	31	19	110	6	5	49
France.....	5	7	4	3	7	5			2
Germany.....	759	4,313	360	1,257	515	1,039	85	7	1,114
Holland.....	3	154	2	73	4	20			22
Hungary.....		3	13						
Ireland.....	107	183	98	93	67	173	23	9	59
Italy.....	17					24	1		
Norway.....	662	35	592	2,067	62	3,562	1,532	123	1,133
Russia.....	123	37	22	4	2	51	5		1,579
Scotland.....	17	3	15	6	6	54	6	1	2
Sweden.....	1,532	830	376	581	4,329	1,048	386	92	196
Switzerland.....	21	40	8	11	6	19	1	2	7
Wales.....	2		2	13		2	1		4
All others of foreign parentage.....	2,189	399	400	351	262	699	305	79	350

¹ For changes in boundaries, etc., see page 629.

² For combined figures for Beltrami and Clearwater Counties, see Note 1 on page 629.

³ See Note 3 on page 629.

⁴ Comparable figures not available; for combined figures, see Note 1 on page 629.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Carlton.	Carver.	Cass. ¹	Chippewa. ¹	Chisago.	Clay.	Clear-water. ¹	Cook. ¹	Cotton-wood.
SEX									
Total.. Male.....	9,975	9,015	6,861	7,138	7,115	10,683	3,878	796	6,579
Female.....	7,584	8,440	4,752	6,320	6,422	8,957	2,992	540	6,072
White.. Male.....	9,770	9,011	6,272	7,135	7,103	10,674	3,735	700	6,579
Female.....	7,394	8,440	4,140	6,313	6,406	8,950	2,884	416	6,070
Negro.. Male.....		4	23	3	2	3			
Female.....			13	2	2	7			2
MALES OF VOTING AGE									
Total number.....	5,609	4,523	4,085	3,752	3,994	5,831	2,047	530	3,157
Number in 1900.....	3,240	4,339	2,489	3,423	3,777	4,390		345	3,114
Native white—Native parentage.....	736	340	1,342	545	316	940	214	57	595
Number in 1900.....	377	165	782	434	329	632		54	635
Native white—Foreign or mixed parentage.....	957	2,399	768	1,435	1,315	1,936	484	81	1,103
Number in 1900.....	489	1,818	478	979	850	1,107		43	659
Native white—Foreign parentage.....	779	2,038	534	1,192	1,178	1,614	405	60	932
Native white—Mixed parentage.....	178	361	232	243	137	322	59	21	171
Foreign-born white.....	3,821	1,781	1,703	1,769	2,356	3,046	1,286	335	1,459
Number in 1900.....	2,291	2,356	877	2,009	2,591	3,245		199	1,790
Negro.....		3	19	3	2	8			
Number in 1900.....	2	1	5	1	1	5			
Indian, Chinese, Japanese, and all other.....	95		255		5	1	73	57	
PER CENT OF TOTAL.									
Native white—Native parentage.....	13.1	7.5	32.9	14.5	7.9	14.4	10.5	10.8	18.8
Native white—Foreign or mixed parentage.....	17.1	53.0	18.8	38.2	32.9	33.2	22.7	15.3	34.9
Foreign-born white.....	68.1	39.4	41.7	47.1	59.0	52.2	63.3	63.2	48.2
CITIZENSHIP OF FOREIGN-BORN WHITE.									
Naturalized.....	2,059	1,315	809	1,244	1,976	1,964	858	222	1,129
Having first papers.....	453	78	244	148	95	240	142	46	139
Alien.....	1,044	117	521	186	154	590	172	50	152
Unknown.....	265	271	129	191	131	252	124	17	39
ILLITERACY									
ILLITERATE MALES OF VOTING AGE.									
Total number illiterate.....	309	89	509	36	181	150	88	36	45
Per cent illiterate.....	5.5	2.0	12.5	1.0	4.5	2.6	4.3	6.8	1.4
Per cent in 1900.....	6.6	5.1	14.3	2.4	6.3	2.8		17.4	2.9
Native white, number illiterate.....	31	21	39	8	14	16	9	5	13
Per cent illiterate.....	1.8	0.8	1.9	0.4	0.9	0.6	1.3	3.6	0.5
Foreign-born white, number illiterate.....	251	68	303	28	167	134	35	12	32
Per cent illiterate.....	6.6	3.8	17.8	1.6	7.1	4.4	2.7	3.6	2.2
Negro, number illiterate.....									
Per cent illiterate.....									
PERSONS 10 YEARS OLD AND OVER.									
Total number.....	13,016	13,246	8,891	10,047	10,613	15,005	4,912	1,066	9,294
Number illiterate.....	625	250	953	125	564	295	193	83	102
Per cent illiterate.....	4.8	1.9	10.7	1.2	5.3	2.0	3.9	7.8	1.1
Native white, number.....	6,261	9,826	5,492	6,818	6,176	9,662	2,617	396	6,470
Number illiterate.....	65	47	75	27	31	32	18	6	25
Per cent illiterate.....	1.0	0.5	1.4	0.4	0.5	0.3	0.7	1.5	0.4
Foreign-born white, number.....	6,472	3,416	2,499	3,224	4,419	5,329	2,121	500	2,824
Number illiterate.....	481	203	423	98	531	262	73	15	76
Per cent illiterate.....	7.4	5.9	16.9	3.0	12.0	4.9	3.4	3.0	2.7
Negro, number.....		4	83	5	3	13			
Number illiterate.....						1			
Per cent illiterate.....									
PERSONS 10 TO 20 YEARS, INCLUSIVE.									
Total number.....	3,978	4,632	2,550	3,227	3,235	4,791	1,607	269	3,348
Number illiterate.....	28	8	82	5	7	24	16	4	5
Per cent illiterate.....	0.7	0.2	3.2	0.2	0.2	0.5	1.0	1.5	0.1
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive.....	5,684	6,333	3,632	4,582	4,495	6,624	2,387	373	4,705
Number attending school.....	3,843	4,454	2,562	3,064	3,076	4,856	1,682	257	3,542
Per cent attending school.....	67.6	70.3	70.5	66.9	68.4	70.3	69.6	68.9	75.3
Number 6 to 9 years.....	1,706	1,701	1,082	1,355	1,260	1,833	780	104	1,357
Number attending school.....	1,305	1,294	884	962	995	1,465	592	88	1,105
Number 10 to 14 years.....	1,935	2,284	1,219	1,524	1,561	2,207	868	120	1,621
Number attending school.....	1,827	2,225	1,128	1,443	1,508	2,153	813	113	1,595
Number 15 to 17 years.....	1,053	1,342	656	867	949	1,262	397	84	911
Number attending school.....	587	1,330	432	528	497	783	220	48	654
Number 18 to 20 years.....	990	1,006	675	836	725	1,322	342	65	816
Number attending school.....	124	105	118	131	76	255	37	8	188
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Total number.....	3,641	3,985	2,301	2,879	2,821	4,040	1,648	224	2,973
Number attending school.....	3,132	3,519	2,012	2,405	2,503	3,618	1,405	201	2,700
Per cent attending school.....	86.0	88.3	87.4	83.5	88.7	89.6	85.3	89.7	90.7
Native white—Native parentage, number.....	578	1,862	977	928	581	1,020	324	21	863
Number attending school.....	511	1,623	859	779	523	886	277	20	791
Per cent attending school.....	88.4	87.2	87.9	83.9	90.0	86.9	85.5		91.7
Native white—Foreign or mixed parentage, number.....	2,670	2,065	944	1,867	2,176	2,945	1,195	143	2,022
Number attending school.....	2,296	1,846	826	1,559	1,928	2,668	1,036	132	1,827
Per cent attending school.....	85.7	89.4	87.5	83.5	88.6	90.6	86.7	92.3	90.4
Foreign-born white, number.....	200	58	84	84	56	74	88	17	92
Number attending school.....	243	50	73	67	47	64	69	12	81
Per cent attending school.....	83.8								
Negro, number.....			7			1			1
Number attending school.....			7			1			1
Per cent attending school.....									
DWELLINGS AND FAMILIES									
Dwellings, number.....	3,189	3,338	2,398	2,546	2,870	3,543	1,402	373	2,401
Families, number.....	3,388	3,432	2,439	2,616	2,936	3,671	1,416	381	2,439

¹ 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.	Crow Wing. ¹	Dakota. ¹	Dodge.	Douglas.	Faribault.	Fillmore.	Freeborn.	Goodhue.	Grant.
POPULATION									
Total population, 1910.....	16,861	25,171	12,094	17,669	19,949	25,680	22,282	31,637	9,114
1900.....	14,250	21,733	13,340	17,964	22,055	28,238	21,838	31,137	8,935
1890.....	8,852	20,240	10,864	14,606	25,966	16,708	17,962	28,806	6,875
1880.....	2,319	17,391	11,344	9,130	13,016	23,162	16,069	29,651	3,004
1870.....	200	16,312	8,598	4,239	9,940	24,887	10,578	22,618	340
Increase, 1900-1910.....	2,611	3,438	-1,246	-295	-2,106	-2,558	444	500	179
Per cent of increase.....	18.3	15.8	-9.3	-1.6	-9.5	-9.1	2.0	1.6	2.0
Increase, 1890-1900.....	5,368	1,493	2,476	3,358	5,347	2,272	3,876	2,331	2,060
Per cent of increase.....	61.0	7.4	22.8	23.0	32.0	8.7	21.6	8.1	30.0
Land area (square miles).....	1,057	599	440	648	719	868	735	767	553
Population per square mile, 1910.....	16.0	42.0	27.5	27.3	27.7	29.6	30.3	41.2	16.5
Rural population per square mile, 1910.....	7.9	23.4	27.5	22.6	27.7	29.6	21.9	29.5	16.5
URBAN AND RURAL TERRITORY.									
Urban, 1910—Places of 2,500 or more in 1910.....	8,526	11,153	.....	3,001	.....	.....	6,192	9,048	.....
Same places in 1900.....	7,524	7,963	.....	2,681	.....	.....	4,500	7,525	.....
Per cent of increase, 1900-1910.....	13.3	40.1	.....	11.9	.....	.....	37.6	20.2	.....
Rural, 1910—Remainder of county in 1910.....	8,335	14,018	12,094	14,668	19,949	25,680	16,090	22,589	9,114
Same territory in 1900.....	6,726	13,770	13,340	15,283	22,055	28,238	17,338	23,612	8,935
Per cent of increase, 1900-1910.....	23.9	1.8	-9.3	-4.0	-9.5	-9.1	-7.2	-4.3	2.0
Urban, 1900—Places of 2,500 or more in 1900.....	7,524	3,811	.....	2,681	2,900	4,500	4,800	7,525	.....
Rural, 1900—Remainder of county in 1900.....	6,726	17,922	13,340	15,283	19,155	28,238	17,338	23,612	8,935
Per cent in places of 2,500 or more, 1910.....	50.6	44.3	.....	17.0	.....	.....	27.3	28.6	.....
Per cent in places of 2,500 or more, 1900.....	52.8	17.5	.....	14.9	13.1	.....	20.6	24.2	.....
COLOR AND NATIVITY									
White.....	16,842	25,041	12,065	17,658	19,940	25,667	22,275	31,533	9,114
Number in 1900.....	14,203	21,616	13,328	17,969	22,032	28,222	21,808	31,031	8,933
Number in 1890.....	8,711	20,130	10,869	14,592	16,708	.....	17,947	28,726	6,876
Negro.....	2	40	27	5	9	11	7	45	.....
Number in 1900.....	8	42	10	3	21	14	29	39	.....
Number in 1890.....	4	58	5	13	.....	16	14	20	.....
Black.....	1	29	2	4	4	6	1	29	.....
Mulatto.....	1	11	25	1	5	5	6	16	.....
Indian, Chinese, Japanese, and all other (see Tables I and 15).....	17	90	2	6	.....	2	.....	59	.....
Native white—Native parentage.....	5,847	7,851	5,448	3,978	8,168	10,151	6,739	8,415	1,915
Number in 1900.....	4,673	5,760	5,569	3,249	8,191	9,735	5,270	5,032	1,287
Native white—Foreign or mixed parentage.....	6,900	10,954	4,749	9,061	8,502	11,272	10,744	15,632	4,957
Number in 1900.....	5,741	10,448	5,313	9,086	8,374	12,622	10,622	16,114	4,901
Native white—Foreign parentage.....	4,444	7,731	3,093	6,486	5,484	7,100	7,437	11,167	3,542
Native white—Mixed parentage.....	2,456	3,223	1,656	2,376	3,018	4,172	3,237	4,475	1,415
Foreign-born white.....	4,095	6,236	1,868	4,619	3,270	4,244	4,792	7,488	2,242
Number in 1900.....	3,789	5,408	2,452	5,625	4,477	5,858	5,916	8,985	2,746
PER CENT OF TOTAL POPULATION.									
Native white—Native parentage.....	34.7	31.2	45.0	22.5	40.9	39.5	30.2	26.6	21.0
Per cent in 1900.....	32.8	26.5	41.7	18.1	37.1	34.5	24.7	19.1	14.4
Native white—Foreign or mixed parentage.....	40.9	43.5	39.3	51.3	42.8	43.9	48.2	49.4	54.4
Per cent in 1900.....	40.8	48.1	39.8	50.8	42.5	44.7	48.6	51.8	54.9
Foreign-born white.....	24.3	24.8	15.4	26.1	16.4	16.5	21.5	23.7	24.6
Per cent in 1900.....	28.0	24.9	18.4	31.8	20.3	20.7	27.1	28.9	30.7
FOREIGN NATIONALITIES									
FOREIGN-BORN WHITE: Born in—									
Austria.....	66	539	44	244	45	57	215	33	1
Belgium.....	11	5	2	13	.....	.....	2	6	.....
Canada—French.....	146	89	15	10	36	9	14	4	.....
Canada—Other.....	410	201	66	106	100	177	50	126	34
Denmark.....	184	231	160	230	127	50	1,517	93	36
England.....	139	147	58	49	96	96	54	87	13
Finland.....	356	9	.....	86	.....	.....	.....	2	.....
France.....	12	18	7	4	19	8	5	9	1
Germany.....	594	2,349	450	753	1,419	693	568	1,553	217
Greece.....	1	53	20	22	.....	.....	4	9	6
Holland.....	12	13	28	23	12	102	2	5	5
Hungary.....	7	326	.....	3	.....	.....	5	8	.....
Ireland.....	114	405	46	38	102	215	117	159	9
Italy.....	3	207	27	1	.....	.....	1	12	100
Norway.....	721	383	677	960	1,031	2,674	1,903	2,503	1,186
Roumania.....	.....	99	.....	.....	.....	.....	.....	3	.....
Russia.....	54	70	17	30	44	6	21	36	2
Scotland.....	50	62	28	10	34	67	16	27	10
Sweden.....	1,183	771	33	1,998	156	44	270	2,604	606
Switzerland.....	18	61	185	13	16	8	7	52	4
Other foreign countries.....	14	198	5	26	33	37	17	155	12
NATIVE WHITE: Both parents born in—									
Austria.....	39	153	48	255	48	79	314	29	2
Canada—French.....	259	96	6	10	69	7	15	6	.....
Canada—Other.....	186	82	22	85	72	92	28	57	19
Denmark.....	209	209	191	202	111	52	1,755	73	30
England.....	104	145	73	51	89	146	99	102	19
France.....	12	20	13	5	18	7	5	7	1
Germany.....	797	3,838	803	1,320	2,634	1,288	1,110	3,050	499
Holland.....	11	16	46	30	24	224	2	4	2
Hungary.....	1	89	.....	.....	.....	.....	.....	4	.....
Ireland.....	196	1,155	123	99	278	652	371	413	37
Italy.....	.....	2	.....	.....	.....	.....	2	9	.....
Norway.....	755	448	1,083	1,235	1,566	4,026	3,010	3,552	1,850
Russia.....	23	25	9	23	18	1	20	14	1
Scotland.....	28	51	58	15	78	53	21	38	12
Sweden.....	931	709	22	2,298	151	18	242	3,020	745
Switzerland.....	15	68	287	8	14	11	4	65	5
Wales.....	7	3	5	2	14	63	10	11	.....
All others of foreign parentage.....	871	622	302	848	299	381	479	694	320

¹ For changes in boundaries, etc., see page 629.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Crow Wing. ¹	Dakota. ¹	Dodge.	Douglas.	Faribault.	Fillmore.	Freeborn.	Goodhue.	Grant.
SEX									
Total.. Male.....	9,064	13,734	6,260	9,261	10,191	13,054	11,692	16,483	4,868
Female.....	7,797	11,437	5,834	8,408	9,758	12,626	10,590	15,154	4,246
White.. Male.....	9,056	13,670	6,231	9,254	10,186	13,048	11,688	16,423	4,868
Female.....	7,786	11,371	5,834	8,404	9,754	12,619	10,587	15,110	4,246
Negro.. Male.....	2	24	27	2	5	4	4	32	
Female.....		16		3	4	7	3	13	
MALES OF VOTING AGE									
Total number.....	5,101	7,945	3,412	4,890	5,422	7,238	6,543	9,495	2,579
Number in 1900.....	4,054	6,032	3,079	4,716	6,372	7,906	6,166	8,763	2,340
Native white—Native parentage.....	1,414	1,478	1,147	707	1,564	1,758	1,395	1,413	324
Number in 1900.....	1,196	1,204	1,311	700	1,960	1,998	1,739	1,179	265
Native white—Foreign or mixed parentage.....	1,383	2,801	1,252	1,750	2,170	3,258	2,640	4,042	1,020
Number in 1900.....	873	2,106	1,121	1,179	2,099	2,829	1,969	2,943	643
Native white—Foreign parentage.....	1,035	2,275	970	1,488	1,679	2,589	2,171	3,444	857
Native white—Mixed parentage.....	348	526	282	264	491	669	469	598	163
Foreign-born white.....	2,298	3,031	984	2,430	1,683	2,218	2,504	4,013	1,235
Number in 1900.....	1,978	2,692	1,242	2,832	2,804	3,038	3,022	4,696	1,430
Negro.....	2	20	27	2	5	2	2	9	
Number in 1900.....	1	10	4	2	8	4	24	6	
Indian, Chinese, Japanese, and all other.....	4	15	2	1				18	2
PER CENT OF TOTAL.									
Native white—Native parentage.....	27.7	18.6	33.6	14.5	28.8	24.3	21.3	14.9	12.6
Native white—Foreign or mixed parentage.....	27.1	35.3	36.7	35.8	40.0	45.0	46.7	42.6	39.6
Foreign-born white.....	45.0	45.7	28.8	49.7	31.0	30.6	38.3	42.3	47.9
CITIZENSHIP OF FOREIGN-BORN WHITE.									
Naturalized.....	1,607	1,786	632	1,951	1,312	1,553	1,616	2,642	809
Having first papers.....	215	143	82	164	106	238	200	254	104
Alien.....	317	993	88	172	172	166	267	327	177
Unknown.....	189	709	182	138	93	261	421	790	186
ILLITERACY									
ILLITERATE MALES OF VOTING AGE.									
Total number illiterate.....	191	238	87	128	168	189	136	155	57
Per cent illiterate.....	3.7	3.0	2.5	2.6	3.1	2.6	2.1	1.6	2.2
Per cent in 1900.....	4.0	2.5	2.1	4.5	2.7	3.4	3.6	4.3	2.7
Native white, number illiterate.....	78	47	7	10	23	30	14	25	6
Per cent illiterate.....	2.8	1.1	0.3	0.4	0.6	0.6	0.3	0.5	0.4
Foreign-born white, number illiterate.....	112	184	54	117	145	156	121	129	51
Per cent illiterate.....	4.9	5.1	5.5	4.8	8.6	7.0	4.8	3.2	4.1
Negro, number illiterate.....		2	26	1		1	1		
Per cent illiterate.....									
PERSONS 10 YEARS OLD AND OVER.									
Total number.....	12,975	19,797	9,509	13,565	15,399	20,203	17,258	25,444	7,028
Number illiterate.....	355	402	183	369	402	553	407	448	144
Per cent illiterate.....	2.7	2.0	1.9	2.7	2.6	2.7	2.4	1.8	2.0
Native white, number.....	8,937	13,594	7,622	8,989	12,149	15,968	12,520	17,944	4,809
Number illiterate.....	119	69	22	30	54	69	69	56	18
Per cent illiterate.....	1.3	0.5	0.3	0.3	0.4	0.4	0.6	0.3	0.4
Foreign-born white, number.....	4,024	6,111	1,858	4,570	3,241	4,225	4,731	7,420	2,229
Number illiterate.....	231	318	135	338	348	480	337	383	126
Per cent illiterate.....	5.7	5.2	7.3	7.4	10.7	11.4	7.1	5.2	5.7
Negro, number.....	2	37	27	4	9	8	7	39	
Number illiterate.....		2	26	1		2	1	1	
Per cent illiterate.....									
PERSONS 10 TO 20 YEARS, INCLUSIVE.									
Total number.....	4,050	5,944	2,970	4,452	4,943	5,999	5,143	7,492	2,405
Number illiterate.....	15	26	18	8	16	10	15	18	6
Per cent illiterate.....	0.4	0.4	0.6	0.2	0.3	0.2	0.3	0.2	0.2
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive.....	5,579	8,202	4,072	6,166	6,833	8,205	7,108	10,036	3,282
Number attending school.....	3,767	5,243	2,839	4,414	5,277	6,089	4,913	6,885	2,245
Per cent attending school.....	67.5	63.9	69.7	71.6	77.2	74.2	69.1	68.6	68.8
Number 6 to 9 years.....	1,529	2,258	1,102	1,714	1,890	2,206	1,965	2,544	857
Number attending school.....	1,226	1,707	790	1,361	1,721	1,925	1,487	2,032	663
Number 10 to 14 years.....	1,887	2,743	1,417	2,130	2,328	2,838	2,440	3,373	1,138
Number attending school.....	1,810	2,566	1,346	2,081	2,271	2,758	2,339	3,195	1,040
Number 15 to 17 years.....	1,096	1,635	781	1,232	1,346	1,631	1,337	2,118	647
Number attending school.....	587	807	536	793	967	1,081	851	1,298	418
Number 18 to 20 years.....	1,067	1,566	772	1,090	1,269	1,530	1,366	2,001	620
Number attending school.....	144	163	167	179	318	325	236	360	124
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Total number.....	3,416	5,001	2,519	3,844	4,218	5,044	4,405	5,917	1,995
Number attending school.....	3,036	4,273	2,136	3,442	3,992	4,683	3,826	5,227	1,703
Per cent attending school.....	88.9	85.4	84.8	89.5	94.6	92.8	86.9	88.3	85.4
Native white—Native parentage, number.....	1,371	2,288	1,430	1,113	2,286	2,925	1,822	2,481	563
Number attending school.....	1,190	1,974	1,203	976	2,168	2,706	1,580	2,155	477
Per cent attending school.....	86.8	86.3	84.1	87.7	94.8	92.5	86.7	86.9	84.7
Native white—Foreign or mixed parentage, number.....	1,944	2,505	1,065	2,646	1,873	2,081	2,486	3,294	1,403
Number attending school.....	1,757	2,150	910	2,390	1,766	1,946	2,159	2,955	1,204
Per cent attending school.....	90.4	85.8	85.4	90.3	94.3	93.5	86.8	89.7	85.8
Foreign-born white, number.....	96	171	24	82	59	38	97	120	29
Number attending school.....	87	121	23	73	58	31	87	102	22
Per cent attending school.....		70.8						85.0	
Negro, number.....				2				9	
Number attending school.....				2				9	
Per cent attending school.....									
DWELLINGS AND FAMILIES									
Dwellings, number.....	3,404	4,803	2,606	3,574	4,069	5,591	4,412	6,346	1,710
Families, number.....	3,518	4,919	2,638	3,656	4,117	5,658	4,512	6,618	1,742

¹ 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.	Hennepin.	Houston.	Hubbard. ¹	Isantl.	Itasca. ¹	Jackson.	Kanabec.	Kandi-yohi. ¹	Kittson. ¹	Kooch- ching. ¹
POPULATION										
Total population, 1910.....	333,480	14,297	9,831	12,615	² 17,208	14,491	6,461	18,969	9,669	² 6,431
1900.....	228,340	15,400	6,578	11,675	² 4,573	14,793	4,614	18,416	7,889	(?)
1890.....	185,294	14,653	1,412	7,607	743	8,924	1,579	13,997	5,387	.....
1880.....	67,013	16,332	.....	5,063	124	4,806	505	10,159	905	.....
1870.....	31,566	14,936	.....	2,035	96	1,825	93	1,760	64	.....
Increase, 1900-1910.....	105,140	-1,103	3,253	940	² 12,635	-302	1,847	553	1,780	² 6,431
Per cent of increase.....	46.0	-7.2	49.5	8.1	² 276.3	-2.0	40.0	3.0	22.6	(?)
Increase, 1890-1900.....	43,046	747	5,166	4,068	³ 3,158	5,869	3,035	4,419	2,502	.....
Per cent of increase.....	23.2	5.1	365.9	53.5	³ 425.0	65.8	192.2	31.6	40.4	.....
Land area (square miles).....	565	570	958	442	2,730	702	534	801	1,111	3,141
Population per square mile, 1910.....	590.2	25.1	10.3	28.5	6.3	20.6	12.1	23.7	8.7	2.9
Rural population per square mile, 1910.....	46.7	25.1	10.3	28.5	6.3	20.6	12.1	18.5	8.7	2.0
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	307,103	.....	.....	.....	.....	.....	.....	4,135	.....	.....
Same places in 1900.....	205,903	.....	.....	.....	.....	.....	.....	3,409	.....	.....
Per cent of increase, 1900-1910.....	49.1	.....	.....	.....	.....	.....	.....	21.3	.....	.....
Rural, 1910—Remainder of county in 1910.....	28,377	14,297	9,831	12,615	² 17,208	14,491	6,461	14,834	9,669	² 6,431
Same territory in 1900.....	22,437	15,400	6,578	11,675	² 4,246	14,793	4,614	15,007	7,889	² 3,277
Per cent of increase, 1900-1910.....	17.6	-7.2	49.5	8.1	² 305.3	-2.0	40.0	-1.2	22.6	² 1,866.7
Urban, 1900—Places of 2,500 or more in 1900.....	202,718	.....	.....	.....	.....	.....	.....	3,409	.....	.....
Rural, 1900—Remainder of county in 1900.....	25,622	15,400	6,578	11,675	² 4,573	14,793	4,614	15,007	7,889	(?)
Per cent in places of 2,500 or more, 1910.....	92.1	.....	.....	.....	.....	.....	.....	21.8	.....	.....
Per cent in places of 2,500 or more, 1900.....	88.8	.....	.....	.....	.....	.....	.....	18.5	.....	.....
COLOR AND NATIVITY										
White.....	330,676	14,296	9,815	12,611	16,970	14,489	6,458	18,962	9,583	6,322
Number in 1900.....	228,684	15,399	6,570	11,669	5,237	14,791	4,572	18,410	7,889	.....
Number in 1890.....	183,839	14,662	1,404	7,607	720	8,922	1,520	13,996	6,292	.....
Negro.....	2,646	1	15	4	12	2	.....	5	2	10
Number in 1900.....	1,584	.....	5	6	3	1	.....	1	.....	.....
Number in 1890.....	1,397	.....	.....	.....	.....	.....	.....	.....	.....	.....
Black.....	1,679	1	12	.....	7	2	.....	.....	.....	10
Mulatto.....	967	.....	3	4	5	.....	.....	.....	.....	.....
Ind., Chi., Jap., and all other (see Tables 1 and 15).....	158	.....	1	.....	226	.....	3	2	84	99
Native white—Native parentage.....	108,378	4,461	4,877	1,410	4,266	3,699	1,410	3,081	623	2,064
Number in 1900.....	69,601	5,620	5,264	631	1,142	5,174	844	1,099	824	.....
Native white—Foreign or mixed parentage.....	129,473	7,207	3,153	6,758	5,746	7,667	3,018	10,464	5,164	2,128
Number in 1900.....	90,401	8,122	2,048	5,826	1,431	7,427	1,972	8,888	3,628	.....
Native white—Foreign parentage.....	93,743	4,650	1,872	5,350	3,957	5,208	2,367	7,584	4,267	1,505
Native white—Mixed parentage.....	35,730	2,551	1,281	1,408	1,789	2,459	640	2,880	807	623
Foreign-born white.....	92,825	2,623	1,785	4,443	6,968	3,223	2,032	5,417	3,796	2,130
Number in 1900.....	66,982	3,687	1,263	4,312	1,963	4,191	1,956	6,529	3,917	.....
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	32.5	31.2	49.6	11.2	24.8	25.5	21.8	16.2	6.4	32.1
Per cent in 1900.....	30.4	22.9	49.6	8.0	25.0	21.6	14.0	10.9	4.1	.....
Native white—Foreign or mixed parentage.....	33.8	50.4	32.1	53.6	33.4	52.2	46.7	55.2	53.4	33.1
Per cent in 1900.....	39.6	63.2	31.1	50.8	31.9	50.2	48.7	63.7	48.0	.....
Foreign-born white.....	27.3	18.4	18.2	35.2	40.4	22.2	31.5	28.6	39.3	33.1
Per cent in 1900.....	29.3	23.9	19.2	41.2	29.8	28.5	42.4	55.4	49.7	.....
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	6,842	27	80	8	1,204	528	11	31	175	81
Belgium.....	79	8	1	.....	34	8	.....	5	1	.....
Canada—French.....	1,866	12	56	6	294	4	3	15	22	101
Canada—Other.....	6,205	57	168	34	572	44	72	111	537	389
Denmark.....	2,493	10	35	27	40	212	31	243	47	32
England.....	3,014	31	40	14	107	49	10	37	79	59
Finland.....	936	1	38	6	1,436	1	.....	1	1	21
France.....	314	6	7	.....	9	11	1	3	2	4
Germany.....	10,377	843	301	287	209	1,162	198	293	104	123
Greece.....	531	.....	6	5	104	3	.....	7	30	.....
Holland.....	1,359	16	3	2	4	15	22	230	2	4
Hungary.....	1,197	.....	3	.....	106	43	.....	.....	2	4
Ireland.....	3,109	159	23	12	111	18	.....	6	31	46
Italy.....	661	.....	1	.....	530	.....	1	26	.....	3
Norway.....	16,971	1,182	430	83	600	842	158	2,020	676	456
Roumania.....	1,415	.....	1	.....	32	.....	.....	3	.....	.....
Russia.....	5,731	3	30	2	73	25	4	7	72	19
Scotland.....	1,121	13	11	2	27	21	3	13	39	15
Sweden.....	28,127	158	531	3,941	1,107	186	1,500	2,322	1,962	464
Switzerland.....	331	33	7	.....	13	40	5	5	3	4
Other foreign countries.....	1,036	64	7	7	337	11	7	11	8	299
NATIVE WHITE: Both parents born in—										
Austria.....	4,658	32	23	3	244	796	7	63	42	149
Canada—French.....	2,324	11	65	4	298	1	5	35	25	50
Canada—Other.....	2,575	25	37	14	297	17	55	50	432	115
Denmark.....	1,671	1	53	38	38	217	29	240	25	21
England.....	1,840	45	20	14	87	43	15	42	68	30
France.....	333	4	5	.....	14	8	.....	4	.....	6
Germany.....	17,042	1,592	468	501	497	2,036	331	571	191	196
Holland.....	228	22	4	1	9	10	29	315	.....	1
Hungary.....	510	.....	.....	.....	24	73	.....	.....	.....	.....
Ireland.....	7,600	522	61	8	213	68	18	115	23	91
Italy.....	283	1	.....	.....	119	.....	.....	.....	.....	3
Norway.....	14,790	1,876	398	75	386	1,202	204	2,586	833	370
Russia.....	3,017	2	26	7	49	52	11	8	36	3
Scotland.....	782	14	11	4	22	29	1	23	21	11
Sweden.....	23,670	139	290	4,410	638	201	1,453	2,877	1,986	296
Switzerland.....	398	30	3	2	13	35	5	5	1	.....
Wales.....	303	1	2	.....	8	6	7	7	.....	.....
All others of foreign parentage ¹	10,726	341	351	259	1,091	354	146	625	584	163

¹ For changes in boundaries, etc., see page 629. ² For combined figures for Itasca and Koochiching Counties, see Note 4 on page 629. ³ See Note 3 on page 629.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Hennepin.	Houston.	Hubbard. ¹	Isanti.	Itasca. ¹	Jackson.	Kanabec.	Kandi-yohi. ¹	Kittson. ¹	Koochi-ching. ¹
SEX										
Total... Male.....	175,262	7,349	5,420	6,704	11,016	7,539	3,466	9,937	5,238	4,060
Female.....	158,218	6,948	4,411	5,911	6,192	6,952	2,995	9,032	4,431	2,371
White... Male.....	173,605	7,348	5,410	6,701	10,887	7,537	3,463	9,932	5,195	3,998
Female.....	157,071	6,948	4,405	5,910	6,083	6,952	2,995	9,030	4,388	2,324
Negro... Male.....	1,525	1	9	3	7	2		3	2	7
Female.....	1,121		6	1	5			2	2	3
MALES OF VOTING AGE										
Total number.....	116,152	4,053	2,980	3,482	7,550	3,818	1,724	5,346	2,648	2,690
Number in 1900.....	71,391	4,062	2,306	3,169	2,162	3,358	1,506	5,191	2,325	
Native white—Native parentage.....	35,125	551	1,248	196	1,382	624	293	429	120	810
Number in 1900.....	20,331	439	981	201	478	695	172	414	81	
Native white—Foreign or mixed parentage.....	30,524	2,099	723	1,046	1,377	1,517	397	2,070	544	574
Number in 1900.....	16,919	1,640	551	599	558	1,012	191	1,442	226	
Native white—Foreign parentage.....	23,610	1,727	478	978	1,041	1,270	323	1,859	500	450
Native white—Mixed parentage.....	6,914	372	245	68	336	247	74	211	44	124
Foreign-born white.....	49,135	1,402	1,005	2,240	4,720	1,677	1,031	2,844	1,966	1,465
Number in 1900.....	33,458	1,832	771	2,389	962	2,150	936	3,332	2,016	
Negro.....	1,246	1	4		6			2		6
Number in 1900.....	654		1		2	1	1	1		
Indian, Chinese, Japanese, and all other.....	122				65		3	1	18	35
PER CENT OF TOTAL.										
Native white—Native parentage.....	30.2	13.6	41.9	5.6	18.3	16.3	17.0	8.0	4.5	28.0
Native white—Foreign or mixed parentage.....	26.3	51.8	24.3	30.0	18.2	39.7	23.0	38.7	20.5	19.9
Foreign-born white.....	42.3	34.6	33.7	64.3	62.5	43.9	59.8	53.2	74.2	50.7
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	25,708	966	546	1,796	1,564	1,460	790	2,108	1,454	700
Having first papers.....	5,877	112	124	165	497	52	59	176	146	196
Alien.....	11,000	80	158	165	2,436	73	74	247	260	156
Unknown.....	6,550	244	177	114	223	92	108	313	106	413
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	2,964	120	39	73	857	72	130	122	86	54
Per cent illiterate.....	2.6	3.0	1.3	2.1	11.4	1.9	7.5	2.3	3.2	1.9
Per cent in 1900.....	2.1	3.3	3.1	5.6	11.5	3.7	1.6	3.1	3.6	
Native white, number illiterate.....	165	19	18	8	23	13	4	10	8	3
Per cent illiterate.....	0.3	0.7	0.9	0.6	0.8	0.6	0.6	0.4	1.2	0.2
Foreign-born white, number illiterate.....	2,745	101	21	65	798	59	125	111	64	32
Per cent illiterate.....	5.6	7.2	2.1	2.9	16.9	3.5	12.1	3.9	3.3	2.2
Negro, number illiterate.....	41									
Per cent illiterate.....	3.3									
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	279,080	11,214	7,275	9,531	13,530	10,389	4,754	14,513	7,061	5,061
Number illiterate.....	6,550	329	92	258	1,125	174	285	277	237	101
Per cent illiterate.....	2.3	2.9	1.3	2.7	8.3	1.6	6.0	2.6	3.4	2.0
Native white, number.....	185,608	8,602	5,549	5,154	6,543	7,697	2,767	9,151	3,308	2,930
Number illiterate.....	399	52	38	22	36	26	8	26	20	6
Per cent illiterate.....	0.2	0.6	0.7	0.4	0.6	0.3	0.3	0.3	0.6	0.2
Foreign-born white, number.....	90,919	2,611	1,715	4,373	6,802	3,192	1,984	5,356	3,694	2,047
Number illiterate.....	6,058	277	54	236	1,003	148	276	349	192	57
Per cent illiterate.....	6.7	10.6	3.1	5.4	14.7	4.6	13.9	6.5	5.2	2.8
Negro, number.....	404	1	10	4	10			4	2	9
Number illiterate.....	74									
Per cent illiterate.....	3.1									
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	65,299	3,456	2,212	3,201	2,898	3,795	1,650	4,619	2,450	958
Number illiterate.....	473	5	5	7	132	7	5	6	37	3
Per cent illiterate.....	0.7	0.1	0.2	0.2	4.6	0.2	0.3	0.1	1.5	0.3
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.										
Number attending school.....	85,429	4,731	3,195	4,463	4,070	5,287	2,368	6,404	3,447	1,417
Number attending school.....	55,649	3,323	2,180	3,146	2,555	3,999	1,743	4,569	2,407	956
Per cent attending school.....	65.1	70.2	68.2	70.5	62.8	75.6	73.6	71.3	69.8	67.5
Number 6 to 9 years.....	20,130	1,275	983	1,262	1,172	1,492	718	1,785	967	459
Number attending school.....	16,667	1,029	797	977	965	1,298	580	1,439	784	355
Number 10 to 14 years.....	25,745	1,614	1,072	1,646	1,222	1,813	888	2,190	1,175	482
Number attending school.....	24,588	1,539	1,010	1,622	1,120	1,769	852	2,115	1,113	436
Number 15 to 17 years.....	17,147	950	597	894	650	1,012	433	1,287	672	205
Number attending school.....	10,321	603	319	491	360	723	266	822	420	130
Number 18 to 20 years.....	22,407	892	543	661	1,026	970	329	1,142	603	271
Number attending school.....	4,073	152	54	56	110	209	45	193	90	35
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	45,875	2,889	2,055	2,908	2,394	3,305	1,606	3,975	2,172	941
Number attending school.....	41,255	2,568	1,807	2,599	2,085	3,067	1,432	3,554	1,897	791
Per cent attending school.....	89.9	88.9	87.9	89.4	87.1	92.3	89.2	89.4	87.3	84.1
Native white—Native parentage, number.....	17,004	1,496	1,141	379	804	1,077	400	929	150	377
Number attending school.....	15,172	1,344	993	330	704	999	364	828	135	319
Per cent attending school.....	89.2	89.8	87.0	87.1	87.6	92.8	91.0	89.1	90.0	84.6
Native white—Foreign or mixed parentage, number.....	25,745	1,357	820	2,386	1,298	2,184	1,112	2,926	1,819	462
Number attending school.....	23,319	1,192	734	2,137	1,147	2,031	985	2,623	1,605	401
Per cent attending school.....	90.6	87.8	89.5	89.6	88.4	93.0	88.6	89.6	88.2	86.8
Foreign-born white, number.....	2,890	36	91	143	250	44	94	119	180	83
Number attending school.....	2,558	32	77	132	212	37	83	102	134	53
Per cent attending school.....	88.5			92.3	84.8			85.7	74.4	
Negro, number.....	231		3		1			1		3
Number attending school.....	203		3		1			1		3
Per cent attending school.....	87.9									
DWELLINGS AND FAMILIES										
Dwellings, number.....	53,237	3,010	2,073	2,543	3,382	2,761	1,314	3,609	1,823	1,776
Families, number.....	69,758	3,045	2,099	2,613	3,484	2,793	1,329	3,781	1,843	1,813

¹ 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.	Lac qui Parle. ¹	Lake. ¹	Le Sueur.	Lincoln. ¹	Lyon. ¹	McLeod.	Mahnomen. ¹	Marshall. ¹	Martin.	Meeker. ¹
POPULATION										
Total population, 1910.....	15,435	8,011	18,609	9,874	15,722	18,691	2 3,249	16,338	17,518	17,022
1900.....	14,289	4,654	20,234	8,966	14,591	19,595	(²)	15,698	16,936	17,753
1890.....	10,382	1,299	19,057	5,691	9,501	17,026		9,130	9,403	15,456
1880.....	4,891	106	16,103	2,945	6,257	12,342		992	5,249	11,739
1870.....		135	11,607			5,643			3,867	6,090
Increase, 1900-1910.....	1,146	3,357	-1,625	908	1,131	-904	2 3,249	640	582	-731
Per cent of increase.....	8.0	72.1	-8.0	10.1	7.8	-4.6	(²)	4.1	3.4	-4.1
Increase, 1890-1900.....	3,907	3,355	1,177	3,275	5,090	2,569		6,568	7,533	2,297
Per cent of increase.....	37.6	258.3	6.2	57.5	53.6	15.1		71.9	80.1	14.9
Land area (square miles).....	790	2,099	466	535	708	406		1,788	719	621
Population per square mile, 1910.....	19.5	3.8	39.9	18.5	22.2	37.7	5.7	9.1	24.4	27.4
Rural population per square mile, 1910.....	19.5	1.4	39.9	18.5	22.2	37.7	5.7	9.1	20.3	27.4
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....		4,990							2,958	
Same places in 1900.....		3,278							3,040	
Per cent of increase, 1900-1910.....		52.2							-2.7	
Rural, 1910—Remainder of county in 1910.....	15,435	3,021	18,609	9,874	15,722	18,691	2 3,249	16,338	14,560	17,022
Same territory in 1900.....	14,289	1,370	20,234	8,966	14,591	19,595	(²)	15,698	13,896	17,753
Per cent of increase, 1900-1910.....	8.0	119.5	-8.0	10.1	7.8	-4.6	(²)	4.1	4.8	-4.1
Urban, 1900—Places of 2,500 or more in 1900.....		3,278							3,040	
Rural, 1900—Remainder of county in 1900.....	14,289	1,376	20,234	8,966	14,591	19,595	(²)	15,698	13,896	17,753
Per cent in places of 2,500 or more, 1910.....		62.3							16.9	
Per cent in places of 2,500 or more, 1900.....		70.4							17.0	
COLOR AND NATIVITY										
White.....	15,430	7,969	18,580	9,873	15,717	18,679	1,614	16,334	17,514	17,019
Number in 1900.....	14,379	4,612	20,231	8,966	14,583	19,589		15,698	16,931	17,744
Number in 1890.....	10,379	1,276	19,058	5,680	9,484	17,026		9,130	9,402	15,447
Negro.....	5		23	1	5	12		3	4	3
Number in 1900.....	10	8	2		4	6			3	7
Number in 1890.....			19		17				1	9
Black.....	5		4	1	5	11		2	4	2
Mulatto.....			19			1		1		1
Ind., Chl., Jap., and all other (see Tables 1 and 15).....		42	6				1,635	1		
Native white—Native parentage.....	2,974	1,195	6,719	1,833	4,928	4,798	547	1,767	6,626	4,250
Number in 1900.....	2,094	762	6,007	1,365	4,321	3,934		1,201	5,907	3,809
Native white—Foreign or mixed parentage.....	8,660	3,059	8,596	5,553	7,291	9,748	709	9,295	7,881	8,326
Number in 1900.....	7,858	1,008	9,347	4,617	6,466	10,317		7,883	7,232	8,577
Native white—Foreign parentage.....	6,197	2,448	5,798	4,103	5,051	6,775	497	7,411	5,187	6,011
Native white—Mixed parentage.....	2,463	611	2,798	1,450	2,240	2,973	272	1,884	2,714	2,315
Foreign-born white.....	3,796	3,715	3,265	2,487	3,498	4,133	298	5,272	3,007	4,443
Number in 1900.....	4,327	2,242	4,577	2,884	3,806	5,538		6,609	3,742	5,558
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	19.3	14.9	36.1	18.6	31.3	25.7	16.8	10.8	37.8	25.0
Per cent in 1900.....	14.7	16.4	29.7	16.2	29.6	20.1		7.7	34.9	21.5
Native white—Foreign or mixed parentage.....	56.1	38.2	46.2	56.2	46.4	52.2	23.7	56.9	45.0	48.9
Per cent in 1900.....	55.0	34.6	48.7	51.5	44.2	52.7		60.2	43.0	48.5
Foreign-born white.....	24.6	46.4	17.5	25.2	22.2	22.1	9.2	32.3	17.2	26.1
Per cent in 1900.....	30.3	48.2	21.6	33.3	26.1	27.2		42.1	22.1	30.2
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	4	136	1,036	46	17	920	26	67	14	11
Belgium.....	1	3	2	15	476		1	3		
Canada—French.....	4	170	22	1	76	40	20	177	9	12
Canada—Other.....	54	20	90	31	134	61	25	151	94	145
Denmark.....	89	317	10	854	369	389	8	60	164	213
England.....	34	75	79	33	91	34	2	10	113	50
Finland.....	1	661		1				13		216
France.....	11	8			21	5		20	4	4
Germany.....	850	118	1,279	771	625	2,271	48	416	1,518	654
Greece.....		2	1		9		2		3	
Holland.....	4	1	19		139	22	6	1	16	12
Hungary.....	1	2	51	1	1	50		3	1	20
Ireland.....	11	36	242	28	72	62	4	60	58	117
Italy.....	2	2	3		6			40		24
Norway.....	2,222	705	49	488	837	95	100	2,156	101	501
Roumania.....	1	1				1				
Russia.....	10	110	89	13	10	38		22	9	8
Scotland.....	4	21	9	7	46	8	2	76	21	2
Sweden.....	468	1,299	212	185	462	85	50	2,009	756	2,431
Switzerland.....	29	5	37	3	6	25	1	4	17	10
Other foreign countries.....	17	10	26	10	102	10	3	23	14	13
NATIVE WHITE: Both parents born in—										
Austria.....	3	33	1,398	91	15	1,240	24	80	16	10
Canada—French.....	7	100	28	4	214	58	18	317	21	12
Canada—Other.....	25	130	47	14	59	33	19	115	50	84
Denmark.....	85	17	11	1,060	396	436	6	65	183	238
England.....	32	46	94	39	93	33	2	15	96	21
France.....	3	4	7	2	8	13	2	10	7	3
Germany.....	1,599	163	2,348	1,396	1,089	4,104	118	764	2,983	1,163
Holland.....	1					45	3	3	10	3
Hungary.....						82		5	1	12
Ireland.....	31	123	832	53	212	159	8	63	156	329
Italy.....	1	1	2			1		2		
Norway.....	3,517	424	66	829	1,188	126	211	2,775	310	577
Russia.....	2	9	103	14	15	19		9	2	5
Scotland.....	8	22	17	17	54	10	1	58	31	6
Sweden.....	500	866	221	222	529	111	41	2,267	945	2,786
Switzerland.....	21	2	69	9	4	25		3	25	5
Wales.....	2		42	1	121	1		4	12	1
All others of foreign parentage.....	360	508	448	352	920	279	44	860	319	756

¹ For changes in boundaries, etc., see page 629.

² For combined figures for Mahnomen and Norman Counties, see Note 5 on page 629.

³ Comparable figures not available; for combined figures, see Note 5 on page 629.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Lac qui Parle. ¹	Lake. ¹	Le Sueur.	Lincoln. ¹	Lyon. ¹	McLeod.	Mahmo- men. ¹	Marshall. ¹	Martin.	Meeker. ¹
SEX										
Total.. Male.....	8,214	5,172	9,546	5,170	8,287	9,626	1,689	8,721	9,219	8,941
Female.....	7,321	2,839	9,063	4,704	7,435	9,065	1,560	7,617	8,299	8,081
White.. Male.....	8,212	5,145	9,526	5,170	8,286	9,619	882	8,719	9,217	8,939
Female.....	7,218	2,824	9,054	4,703	7,431	9,060	732	7,615	8,297	8,080
Negro.. Male.....	2		15		1	7		2	2	2
Female.....	3		8	1	4	5		1	2	1
MALES OF VOTING AGE										
Total number.....	4,094	3,557	5,094	2,548	4,414	5,003	849	4,407	4,724	4,769
Number in 1900.....	5,719	2,322	6,348	2,358	4,088	4,990		4,203	4,687	4,882
Native white—Native parentage.....	422	485	1,039	275	1,053	593	105	338	1,373	708
Number in 1900.....	420	424	1,025	304	1,067	720		278	1,424	796
Native white—Foreign or mixed parentage.....	1,670	635	2,400	942	1,481	2,272	221	1,183	1,732	1,715
Number in 1900.....	1,089	401	2,117	609	1,065	1,615		690	1,524	1,540
Native white—Mixed parentage.....	1,424	477	1,979	821	1,150	1,933	175	1,031	1,368	1,481
Foreign-born white.....	240	158	421	121	331	339	46	152	303	294
Number in 1900.....	2,000	2,422	1,641	1,331	1,880	2,132	186	2,385	1,618	2,345
Negro.....	2,208	1,485	2,204	1,646	1,959	2,666		3,554	1,948	2,742
Number in 1900.....	2		9		5	6		1	1	1
Indian, Chinese, Japanese, and all other.....	1	3	5		3	6		6	3	2
PER CENT OF TOTAL.										
Native white—Native parentage.....	10.3	13.6	20.4	10.8	23.9	11.9	12.4	7.7	29.1	14.8
Native white—Foreign or mixed parentage.....	40.8	17.9	47.1	37.0	33.6	45.4	20.0	26.8	36.7	36.0
Foreign-born white.....	48.9	68.1	32.2	52.2	42.6	42.6	21.9	65.5	34.3	49.2
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	1,466	873	1,110	1,026	1,293	1,669	131	2,296	1,381	1,759
Having first papers.....	142	366	32	91	142	92	9	178	106	203
Alien.....	194	669	63	86	224	130	13	160	84	158
Unknown.....	198	514	436	128	221	241	33	251	47	225
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	42	187	126	95	98	144	138	99	47	88
Per cent illiterate.....	1.0	5.3	2.5	3.7	2.2	2.9	16.3	2.2	1.0	1.8
Per cent in 1900.....	4.4	2.4	3.9	3.9	3.8	6.3		4.4	2.4	3.3
Native white, number illiterate.....	8	7	27	7	11	29	9	11	16	15
Per cent illiterate.....	0.4	0.6	0.8	0.6	0.4	1.0	2.8	0.7	0.5	0.6
Foreign-born white, number illiterate.....	34	174	98	88	87	115	12	88	31	73
Per cent illiterate.....	1.7	7.2	6.0	6.6	4.6	5.4	6.5	3.1	1.9	3.1
Negro, number illiterate.....			1							
Per cent illiterate.....										
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	11,569	6,353	14,435	7,254	11,904	14,230	2,338	12,139	13,080	13,080
Number illiterate.....	127	286	288	253	201	353	329	300	121	319
Per cent illiterate.....	1.1	4.5	2.0	3.5	1.7	2.5	14.1	2.5	0.9	2.4
Native white, number.....	7,826	2,693	11,169	4,789	8,462	10,118	889	6,941	10,085	8,688
Number illiterate.....	20	11	55	28	30	76	15	38	41	50
Per cent illiterate.....	0.3	0.4	0.5	0.6	0.4	0.8	1.7	0.5	0.4	0.6
Foreign-born white, number.....	3,740	3,629	3,239	2,464	3,439	4,103	294	5,195	2,993	4,389
Number illiterate.....	107	265	231	225	171	277	17	262	80	268
Per cent illiterate.....	2.9	7.3	7.1	9.1	5.0	6.8	5.8	5.0	2.7	6.1
Negro, number.....	3		21	1	3	9		2	2	3
Number illiterate.....			1							1
Per cent illiterate.....										
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	4,071	1,377	4,648	2,580	3,705	4,571	803	4,438	4,333	4,183
Number illiterate.....	3	21	7	9	6	12	32	19	10	14
Per cent illiterate.....	0.1	1.5	0.2	0.3	0.2	0.3	4.0	0.4	0.2	0.3
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	5,642	2,003	6,406	3,577	5,199	6,405	1,135	6,158	6,081	5,752
Number attending school.....	4,015	1,349	4,694	2,517	3,844	4,340	752	4,463	4,437	4,059
Per cent attending school.....	71.2	67.3	73.3	70.4	73.9	67.8	66.3	72.5	73.0	70.6
Number 6 to 9 years.....	1,571	626	1,758	997	1,494	1,834	332	1,720	1,748	1,569
Number attending school.....	1,233	514	1,463	763	1,281	1,447	213	1,395	1,421	1,257
Number 10 to 14 years.....	1,861	626	2,311	1,200	1,770	2,156	382	2,158	2,057	1,992
Number attending school.....	1,788	588	2,235	1,221	1,691	2,026	350	2,090	2,000	1,934
Number 15 to 17 years.....	1,127	331	1,246	696	971	1,261	200	1,208	1,186	1,162
Number attending school.....	793	192	825	426	655	715	137	799	801	703
Number 18 to 20 years.....	1,093	420	1,091	624	964	1,154	221	1,072	1,090	1,029
Number attending school.....	226	55	171	107	217	152	52	179	215	165
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	3,422	1,252	4,060	2,257	3,264	3,990	714	3,878	3,805	3,561
Number attending school.....	3,026	1,102	3,698	1,984	2,972	3,473	563	3,485	3,421	3,191
Per cent attending school.....	88.4	88.0	90.9	87.9	91.1	87.0	78.9	89.9	89.9	89.6
Native white—Native parentage, number.....	874	193	2,206	530	1,224	1,517	142	475	1,675	1,232
Number attending school.....	768	160	2,014	466	1,111	1,302	118	421	1,474	1,108
Per cent attending school.....	87.9	86.0	91.3	87.9	90.8	85.8	83.1	88.6	88.0	89.9
Native white—Foreign or mixed parentage, number.....	2,458	913	1,816	1,693	1,953	2,409	156	3,267	2,122	2,240
Number attending school.....	2,180	818	1,644	1,490	1,784	2,116	109	2,949	1,923	2,004
Per cent attending school.....	88.7	89.6	90.5	88.0	91.3	87.8	69.9	90.3	91.5	89.5
Foreign-born white, number.....	89	137	44	34	86	64	10	135	28	89
Number attending school.....	77	111	38	28	70	55	7	114	24	79
Per cent attending school.....		81.0						84.4		
Negro, number.....	1		3		1				1	
Number attending school.....	1		2		1				1	
Per cent attending school.....										
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,738	1,397	4,039	1,880	3,200	3,849	646	3,057	3,535	3,532
Families, number.....	2,785	1,477	4,094	1,892	3,289	3,912	672	3,091	3,583	3,563

¹ 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.	Mille Lacs.	Morrison.	Mower.	Murray.	Nicollet.	Nobles.	Norman. ¹	Olmsted.	Otter Tail. ¹	Pennington. ¹
POPULATION										
Total population, 1910.....	10,705	24,053	22,640	11,755	14,125	15,210	² 13,446	22,497	46,086	³ 9,376
1900.....	8,066	22,891	22,335	11,911	14,774	14,932	² 15,045	23,119	45,375	(³)
1890.....	2,845	13,325	18,019	6,692	13,382	7,958	10,618	19,806	34,232	
1880.....	1,501	5,875	16,799	3,604	12,333	4,435		21,543	18,675	
1870.....	1,109	1,681	10,447	209	8,362	117		19,793	1,968	
Increase, 1900-1910.....	2,639	1,162	305	-156	-649	278	² -1,599	-622	681	³ 9,376
Per cent of increase.....	32.7	5.1	1.4	-1.3	-4.4	1.9	² -10.6	-2.7	1.5	(³)
Increase, 1890-1900.....	5,221	9,566	4,316	5,219	1,392	6,974	4,427	3,313	11,143	
Per cent of increase.....	183.5	71.8	24.0	78.0	10.4	87.6	41.7	16.7	32.6	
Land area (square miles).....	583	1,143	711	704	443	722	860	666	2,039	607
Population per square mile, 1910.....	18.4	21.0	31.8	16.7	31.9	21.1	15.6	33.8	22.6	15.4
Rural population per square mile, 1910.....	18.4	16.7	22.1	16.7	22.5	21.1	15.6	22.0	19.2	9.3
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....		6,078	6,960		4,176			7,844	6,887	³ 3,714
Same places in 1900.....		5,774	5,474		4,302			6,843	6,072	³ 1,819
Per cent of increase, 1900-1910.....		5.3	27.1		-2.9			14.6	13.4	³ 104.2
Rural, 1910—Remainder of county in 1910.....	10,705	17,975	15,680	11,755	9,949	15,210	² 13,446	14,653	39,149	³ 5,662
Same territory in 1900.....	8,066	17,117	16,861	11,911	10,472	14,932	² 15,045	16,276	39,303	³ 2,802
Per cent of increase, 1900-1910.....	32.7	5.0	-7.0	-1.3	-5.0	1.9	² -10.6	-10.0	-0.4	³ 102.1
Urban, 1900—Places of 2,500 or more in 1900.....		5,774	5,474	4,302	4,302			6,843	6,072	
Rural, 1900—Remainder of county in 1900.....	8,066	17,117	16,861	11,911	10,472	14,932	² 15,045	16,276	39,303	(³)
Per cent in places of 2,500 or more, 1910.....		25.3	30.7		29.6			34.9	15.0	³ 39.6
Per cent in places of 2,500 or more, 1900.....		25.2	24.5		29.1			29.6	13.4	
COLOR AND NATIVITY										
White.....	10,472	24,047	22,619	11,754	14,114	15,209	13,444	22,460	45,983	9,362
Number in 1900.....	8,066	22,891	22,335	11,911	14,769	14,910	16,044	23,105	45,309	
Number in 1890.....	2,827	15,312	17,982	6,641	13,373	7,967	10,616	19,806	34,217	
Negro.....	6	6	21	1	11		2	33	52	7
Number in 1900.....		4	5		3	0	1	12	60	
Number in 1890.....	1	6	36	2	8		2	6	9	
Black.....	1	6	16	1	3		2	25	36	2
Mulatto.....	5		5		8			8	16	5
Ind., Chi., Jap., and all other (see Tables 1 and 15).....	227					1		4	1	7
Native white—Native parentage.....	2,976	6,123	9,488	3,210	3,971	5,445	1,575	10,644	0,791	1,435
Number in 1900.....	2,377	5,239	8,004	2,972	2,887	4,787	1,340	9,917	8,576	
Native white—Foreign or mixed parentage.....	4,900	12,318	9,261	5,956	6,897	6,984	8,068	8,388	23,638	5,168
Number in 1900.....	5,334	11,055	9,749	5,786	7,499	6,635	8,598	8,801	22,348	
Native white—Foreign parentage.....	3,665	8,897	5,929	4,089	4,669	4,669	5,863	5,419	17,093	3,710
Native white—Mixed parentage.....	1,235	3,421	3,332	1,867	2,290	2,315	2,205	2,919	6,545	1,458
Foreign-born white.....	2,595	5,601	3,870	2,588	3,245	2,780	3,801	3,478	12,554	2,759
Number in 1900.....	2,355	6,613	4,576	3,213	4,383	3,547	5,106	4,387	14,384	
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	27.8	25.5	41.9	27.3	28.1	35.8	11.7	47.3	21.3	15.3
Per cent in 1900.....	29.5	22.9	35.8	25.0	19.5	31.7	8.9	42.9	18.9	
Native white—Foreign or mixed parentage.....	45.8	51.2	40.9	50.7	48.8	45.9	60.0	37.1	51.3	55.1
Per cent in 1900.....	41.3	43.2	43.6	43.1	50.3	44.4	57.1	33.1	49.2	
Foreign-born white.....	24.3	23.3	17.1	22.0	23.0	18.3	28.3	15.5	27.3	29.4
Per cent in 1900.....	29.2	23.9	20.5	27.0	29.7	23.3	33.9	19.0	31.7	
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	24	400	220	103	87	77	22	57	106	85
Belgium.....	1	4	15	2	2	0	1	1	3	4
Canada—French.....	27	317	29	26	23	7	1	11	59	62
Canada—Other.....	115	197	143	66	58	66	62	181	295	77
Denmark.....	68	124	272	90	90	94	37	240	323	53
England.....	24	47	128	59	46	77	0	180	119	15
Finland.....	40	32		6	13	1		5	1,165	21
France.....	5	6	7	1	11	8	3	4	9	3
Germany.....	375	2,321	1,014	624	1,124	1,157	346	1,419	2,541	149
Greece.....			42		1	1		6	33	
Holland.....	114	12		176		268	44	7	102	2
Hungary.....	1	83	1		5	3		14	4	
Ireland.....	22	26	185	147	90	115	27	388	88	10
Italy.....	2	4	100			5	43		5	
Norway.....	350	304	1,324	644	448	280	2,057	611	4,751	1,640
Roumania.....		1						2	4	
Russia.....	2	117	42	27	21	7	1	35	225	32
Scotland.....	8	15	25	22	14	39	1	57	67	6
Sweden.....	1,405	1,550	156	568	1,157	506	215	196	2,583	583
Switzerland.....	7	15	31	10	20	10	26	40	46	2
Other foreign countries.....	6	26	118	16	21	50	0	24	20	6
NATIVE WHITE: Both parents born in—										
Austria.....	11	610	231	144	78	82	23	47	77	3
Canada—French.....	38	433	22	56	30	6		20	23	87
Canada—Other.....	90	98	81	16	24	39	36	74	156	62
Denmark.....	50	170	268	107	73	101	15	204	381	73
England.....	28	76	173	43	32	120	7	212	126	12
France.....	6	7	11	7	15	9	3	0	10	3
Germany.....	638	4,189	1,898	1,210	2,139	2,370	589	2,501	4,456	274
Holland.....	114	11	14	148	17	200	10	5	19	1
Hungary.....		117			3	2				
Ireland.....	37	100	474	269	189	237	36	1,036	148	39
Italy.....		5	2						1	
Norway.....	506	367	2,040	936	416	414	4,651	734	0,061	2,013
Russia.....		66	9	23	10				26	10
Scotland.....	8	31	45	14	14	43	4	34	58	2
Sweden.....	1,742	1,855	134	701	1,199	590	221	76	2,564	593
Switzerland.....	3	22	26	6	38	15	14	38	34	1
Wales.....	3	5	10	5	14	8	1	12	8	1
All others of foreign parentage.....	391	735	435	402	316	377	238	389	2,739	536

¹ For changes in boundaries, etc., see page 620.² For combined figures for Mahnomon and Norman Counties, see Note 5 on page 620.³ For combined figures for Pennington and Red Lake Counties, see Note 6 on page 620.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Mille Lacs.	Morrison.	Mower.	Murray.	Nicollet.	Nobles	Norman. ¹	Olmsted.	Otter Tail. ¹	Pennington. ¹
SEX										
Total.. Male.....	5,588	12,423	11,849	6,225	7,267	7,917	7,143	11,410	23,967	4,966
Female.....	5,119	11,630	10,791	5,530	6,858	7,293	6,303	11,087	22,069	4,410
White... Male.....	5,461	12,419	11,833	6,224	7,260	7,916	7,142	11,388	23,940	4,902
Female.....	5,011	11,028	10,786	5,530	6,854	7,293	6,302	11,072	22,043	4,400
Negro... Male.....	4	4	16	1	7	1	1	18	26	2
Female.....	2	2	5	1	4	1	1	15	26	5
MALES OF VOTING AGE										
Total number.....	2,706	5,777	6,745	3,042	4,137	4,082	3,491	6,723	12,572	2,630
Number in 1900.....	2,199	5,503	6,468	3,285	4,208	4,284	3,890	6,987	11,899	2,630
Native white—Native parentage.....	688	1,073	2,121	528	623	1,053	173	2,470	1,702	246
Number in 1900.....	672	1,181	1,945	630	489	1,109	223	2,617	1,918	246
Native white—Foreign or mixed parentage.....	650	1,771	2,485	1,146	1,810	1,549	1,289	2,463	4,177	853
Number in 1900.....	589	1,173	2,148	950	1,523	1,269	960	2,194	2,655	853
Native white—Foreign parentage.....	507	1,455	1,912	934	1,506	1,245	1,111	1,613	3,545	731
Native white—Mixed parentage.....	143	316	573	212	304	304	178	550	632	122
Foreign-born white.....	1,319	2,929	2,127	1,367	1,699	1,479	2,029	1,772	6,591	1,529
Number in 1900.....	1,138	3,206	2,870	1,609	2,252	1,897	2,716	2,869	7,311	1,529
Negro.....	4	4	12	1	5	1	1	14	11	2
Number in 1900.....	3	3	4	1	2	1	1	5	14	2
Indian, Chinese, Japanese, and all other.....	49	49	49	49	49	49	49	49	49	49
PER CENT OF TOTAL.										
Native white—Native parentage.....	25.4	18.6	31.4	17.4	15.1	25.8	5.0	36.7	14.3	9.4
Native white—Foreign or mixed parentage.....	24.0	30.7	36.8	37.7	43.8	37.9	36.9	36.6	33.2	32.4
Foreign-born white.....	48.7	50.7	31.5	44.9	41.1	36.2	58.1	26.4	52.4	58.1
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	1,067	2,394	1,369	1,100	1,063	1,182	1,529	1,038	4,397	1,226
Having first papers.....	72	110	112	94	82	76	135	85	400	97
Alien.....	87	122	356	115	100	165	212	122	470	77
Unknown.....	93	303	290	58	454	56	153	527	1,324	129
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	113	415	259	32	89	66	70	137	384	34
Per cent illiterate.....	4.2	7.2	3.8	1.1	2.2	1.6	2.0	2.0	3.1	1.3
Per cent in 1900.....	3.1	9.2	2.5	2.7	2.9	1.8	3.2	2.6	6.8	1.3
Native white, number illiterate.....	13	96	22	9	11	9	3	25	70	7
Per cent illiterate.....	1.0	3.4	0.5	0.5	0.5	0.3	0.2	0.5	1.2	0.6
Foreign-born white, number illiterate.....	55	319	236	23	78	57	67	109	312	27
Per cent illiterate.....	4.2	10.9	11.1	1.7	4.6	3.9	3.3	6.2	4.7	1.8
Negro, number illiterate.....	3	5	1	1	1	1	1	1	2	1
Per cent illiterate.....	1	1	1	1	1	1	1	1	1	1
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	7,931	17,632	17,856	8,681	11,174	11,240	10,088	18,034	34,839	6,840
Number illiterate.....	309	908	483	93	248	142	95	292	944	98
Per cent illiterate.....	3.9	5.1	2.7	1.1	2.2	1.3	2.5	1.6	2.7	1.4
Native white, number.....	5,203	12,079	14,002	6,124	7,933	8,497	6,830	14,543	22,399	4,111
Number illiterate.....	26	228	47	24	38	26	16	44	154	14
Per cent illiterate.....	0.5	1.9	0.3	0.4	0.5	0.3	0.3	0.3	0.7	0.3
Foreign-born white, number.....	2,570	5,548	3,888	2,556	3,233	2,742	3,757	3,460	12,403	2,720
Number illiterate.....	134	680	435	69	210	116	243	284	787	81
Per cent illiterate.....	5.2	12.3	11.3	2.7	6.5	4.2	6.2	7.0	6.3	3.0
Negro, number.....	3	5	10	1	8	1	1	27	36	4
Number illiterate.....	1	1	1	1	1	1	1	3	3	1
Per cent illiterate.....	1	1	1	1	1	1	1	3	3	1
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	2,786	6,753	5,196	3,150	3,212	3,737	3,674	4,813	11,420	2,209
Number illiterate.....	58	68	40	6	9	12	7	6	32	4
Per cent illiterate.....	2.1	1.0	0.8	0.2	0.3	0.3	0.2	0.1	0.3	0.2
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	3,925	9,448	7,058	4,385	4,371	5,294	5,056	6,613	16,045	3,200
Number attending school.....	2,694	6,135	5,086	3,214	3,049	3,760	3,558	4,689	11,150	2,366
Per cent attending school.....	68.9	64.9	72.1	73.3	69.8	71.0	70.4	70.9	69.5	73.9
Number 6 to 9 years.....	1,139	2,695	1,862	1,235	1,159	1,557	1,382	1,800	4,625	991
Number attending school.....	807	1,899	1,571	1,062	880	1,203	991	1,449	3,585	808
Number 10 to 14 years.....	1,449	3,284	2,387	1,497	1,458	1,751	1,791	2,269	5,482	1,103
Number attending school.....	1,395	3,117	2,297	1,452	1,406	1,681	1,718	2,162	5,280	1,067
Number 15 to 17 years.....	738	1,906	1,305	869	913	1,023	1,030	1,270	3,160	608
Number attending school.....	427	949	937	587	585	725	672	825	1,884	395
Number 18 to 20 years.....	599	1,603	1,414	784	841	963	853	1,274	2,778	498
Number attending school.....	65	170	281	113	172	151	177	253	401	96
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	2,588	5,979	4,249	2,732	2,617	3,308	3,173	4,069	10,107	2,094
Number attending school.....	2,202	5,016	3,868	2,514	2,292	2,884	2,709	3,611	8,865	1,875
Per cent attending school.....	85.1	83.9	91.0	92.0	87.6	87.2	85.4	88.7	87.7	89.5
Native white—Native parentage, number.....	731	1,759	2,299	924	1,171	1,454	507	2,589	2,645	398
Number attending school.....	629	1,470	2,077	802	992	1,282	443	2,308	2,310	353
Per cent attending school.....	86.0	83.6	90.3	93.3	84.7	88.2	87.4	89.1	87.3	88.7
Native white—Foreign or mixed parentage, number.....	1,751	4,098	1,882	1,750	1,417	1,779	2,593	1,444	7,219	1,625
Number attending school.....	1,518	3,443	1,731	1,600	1,275	1,545	2,207	1,271	6,363	1,461
Per cent attending school.....	86.7	84.0	92.0	91.4	90.0	86.8	85.1	88.0	88.0	89.9
Foreign-born white, number.....	58	121	66	58	25	75	72	33	232	68
Number attending school.....	52	102	59	52	22	57	58	29	192	58
Per cent attending school.....	89.7	84.3	89.4	89.7	88.0	76.0	79.4	88.0	82.8	85.3
Negro, number.....	3	1	2	1	4	1	1	3	11	3
Number attending school.....	3	1	1	1	3	1	1	3	10	3
Per cent attending school.....	100	100	50	100	75	100	100	100	90.9	100
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,240	4,463	4,721	2,217	2,597	3,060	2,481	4,578	8,566	1,893
Families, number.....	2,283	4,532	4,837	2,231	2,652	3,101	2,518	4,723	8,766	1,942

¹ 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.	Pine.	Pipestone.	Polk. ¹	Popo.	Ramsey. ¹	Red Lako. ¹	Redwood. ¹	Renville. ¹	Rice.	Rock.
POPULATION										
Total population, 1910.....	15,878	9,553	38,001	12,746	223,675	16,564	18,425	23,123	25,911	10,222
1900.....	11,546	9,264	35,429	12,577	170,554	12,195	17,361	23,093	26,080	9,668
1880.....	4,052	5,132	30,192	10,032	139,790		9,386	17,099	23,968	6,817
1860.....	1,865	2,092	11,433	5,874	45,890		5,375	10,701	22,481	3,669
1870.....	643		(²)	2,691	23,085		1,320	3,219	16,083	138
Increase, 1900-1910.....	4,332	289	572	169	53,121	4,369	1,164	-570	-169	554
Per cent of increase.....	37.5	3.1	1.6	1.3	31.1	26.2	6.7	-2.4	-0.6	5.7
Increase, 1880-1900.....	7,494	4,132	5,237	2,545	30,758	12,195	7,375	6,594	2,112	2,851
Per cent of increase.....	184.9	80.5	17.3	25.4	17.9	100.0	83.9	38.6	8.1	41.8
Land area (square miles).....	1,413	469	1,970	693	161	432	881	978	495	492
Population per square mile, 1910.....	11.2	20.4	18.2	18.4	1,389.3	15.2	20.9	23.6	52.3	20.8
Rural population per square mile, 1910.....	11.2	20.4	13.1	18.4	55.5		20.9	23.6	27.6	15.6
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....			10,092		214,744	(²)			12,206	2,540
Same places in 1900.....			7,436		163,065	(²)			11,078	2,223
Per cent of increase, 1900-1910.....			35.7		31.7	(²)			10.7	14.3
Rural, 1910—Remainder of county in 1910.....	15,878	9,553	25,909	12,746	3,931	16,564	18,425	23,123	13,645	7,682
Same territory in 1900.....	11,546	9,264	27,993	12,577	7,489	7,574	17,261	23,093	15,002	7,445
Per cent of increase, 1900-1910.....	37.5	3.1	-7.4	1.3	53.1	113.3	6.7	-2.4	-9.0	3.2
Urban, 1900—Places of 2,500 or more in 1900.....		2,536	5,559		163,065				11,078	
Rural, 1900—Remainder of county in 1900.....	11,546	6,728	30,750	12,577	7,489	12,195	17,261	23,093	15,002	9,668
Per cent in places of 2,500 or more, 1910.....			28.0		96.0	(²)			47.3	24.8
Per cent in places of 2,500 or more, 1900.....		27.4	15.1		95.6				42.5	
COLOR AND NATIVITY										
White.....	15,693	9,331	35,067	12,743	220,437	6,564	18,247	23,121	25,880	10,210
Number in 1900.....	11,388	9,148	35,403	12,574	168,239	12,188	17,085	23,092	26,047	9,667
Number in 1890.....	3,911	6,186	50,169	10,082	138,252		9,280	17,098	23,925	6,817
Negro.....	11	1	27	3	3,154		11	1	21	3
Number in 1900.....	2	6	15	3	2,880	7	35	1	32	1
Number in 1890.....	6	6	6	6	1,495		6	1	58	
Black.....	6	1	2	2	1,958		5	1	17	3
Mulatto.....	5		1	1	1,196		6		4	
Ind., Chi., Jap., and all other (see Tables 1 and 15).....	174	221	7		84		167	1	1	
Native white—Native parentage.....	3,100	3,500	5,547	2,804	64,018	1,083	5,361	5,271	9,122	3,345
Number in 1900.....	1,852	3,618	3,631	1,301	44,004	1,287	4,431	3,842	8,042	3,205
Native white—Foreign or mixed parentage.....	7,591	4,066	19,826	6,854	97,800	3,773	9,429	12,815	12,131	4,512
Number in 1900.....	6,096	3,704	18,691	6,887	75,308	6,618	8,557	19,152	12,101	4,091
Native white—Foreign parentage.....	5,335	2,001	14,366	4,757	72,286	2,673	5,081	8,020	7,927	3,103
Native white—Mixed parentage.....	1,756	1,465	5,430	2,097	25,514	1,100	3,448	3,805	4,204	1,409
Foreign-born white.....	5,002	1,785	10,594	3,085	58,619	1,708	3,457	6,035	4,836	2,362
Number in 1900.....	4,440	1,228	13,181	3,786	48,334	4,255	4,107	6,698	6,004	2,871
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	19.5	36.6	15.4	22.0	28.6	16.5	29.1	22.8	35.2	32.7
Per cent in 1900.....	16.0	39.1	10.2	15.0	25.9	10.0	25.0	16.2	30.8	33.2
Native white—Foreign or mixed parentage.....	47.8	42.6	55.1	53.8	43.7	57.5	51.2	55.4	46.8	44.7
Per cent in 1900.....	44.1	40.0	52.5	54.8	44.2	54.0	48.0	55.5	42.4	42.3
Foreign-born white.....	31.5	18.5	29.4	24.2	26.2	26.0	18.8	21.6	17.9	23.1
Per cent in 1900.....	33.5	19.7	37.2	30.2	23.0	34.0	23.8	23.3	22.6	24.6
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	711	20	359	68	3,980	14	247	309	574	2
Belgium.....	11	11	11	1	73	3	13	10	81	66
Canada—French.....	43	6	633	12	1,216	735	7	6	226	26
Canada—Other.....	191	62	802	155	3,425	50	184	154	372	45
Denmark.....	193	139	172	62	1,476	24	458	106	147	56
England.....	107	67	92	40	2,197	9	85	32	97	42
Finland.....	399	7	7	5	75			107	2	
France.....	18	5	28	2	288	2	4	13	28	2
Germany.....	826	672	560	201	14,845	182	1,527	1,777	1,448	835
Greece.....	5	7	24	9	136	12			5	13
Holland.....	80	231	35	1	202	7	2	141	114	57
Hungary.....	17	9			2,020			3	3	
Ireland.....	52	66	136	50	4,263	29	62	115	245	44
Italy.....	2	8	348	13	2,010			86	2	11
Norway.....	374	270	5,515	1,899	4,203	467	449	1,163	932	1,052
Roumania.....		1	32		208			1	2	
Russia.....	87	3	140	7	4,381	5	21	63	79	4
Scotland.....	34	36	77	21	684	6	57	16	33	24
Sweden.....	1,708	114	1,474	528	11,743	156	265	816	203	75
Switzerland.....	12	10	20	4	617		59	20	28	3
Other foreign countries.....	68	40	90	7	512	7	14	13	15	29
NATIVE WHITE: Both parents born in—										
Austria.....	873	19	462	88	3,482	29	363	671	1,129	8
Canada—French.....	43	10	891	42	1,484	1,289	20	4	353	3
Canada—Other.....	86	40	742	91	1,447	45	118	89	209	16
Denmark.....	162	189	164	38	1,256	9	577	104	140	42
England.....	62	61	91	24	1,591	10	72	40	103	57
France.....	5	4	15	1	249	4	9	8	35	1
Germany.....	1,232	1,161	1,013	394	24,930	326	3,020	3,810	2,589	1,313
Holland.....	105	247	39		164	9	1	118	39	59
Hungary.....	31	18			798		1	1	2	
Ireland.....	70	178	272	98	8,950	48	175	342	830	128
Italy.....	2				1,067				4	
Norway.....	357	355	7,665	3,010	4,112	613	604	1,821	1,272	1,125
Russia.....	101	9	86	1	2,438	3	14	60	34	1
Scotland.....	14	38	70	39	536	2	63	24	43	25
Sweden.....	1,869	91	1,417	609	11,813	137	307	1,173	342	51
Switzerland.....	11	11	20	7	537	3	62	13	28	6
Wales.....	2	12	0	0	70	1	3	3	6	6
All others of foreign parentage.....	805	176	1,416	314	7,333	165	466	630	775	257

¹ For changes in boundaries, etc., see page 629.

² For combined figures for Pennington and Red Lake Counties, see Note 6 on page 629.

³ No returns.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Pine.	Pipestone.	Polk. ¹	Pope.	Ramsey. ¹	Red Lake. ¹	Redwood. ¹	Renville. ¹	Rice.	Rock.
SEX										
Total.. Male.....	8,528	5,008	19,454	8,800	116,730	3,489	9,598	12,204	13,016	5,479
Female.....	7,350	4,545	16,547	5,946	106,945	3,075	8,827	10,919	12,895	4,743
White... Male.....	8,435	4,881	19,440	6,799	114,751	3,489	9,513	12,202	13,002	5,478
Female.....	7,258	4,450	16,527	5,944	105,086	3,075	8,734	10,919	12,887	4,741
Negro... Male.....	6	1	9	1	1,910	1	4	1	13	1
Female.....	5	1	18	2	1,244	1	7	1	8	2
MALES OF VOTING AGE										
Total number.....	4,403	2,583	10,296	3,667	74,807	1,718	4,663	6,166	7,139	2,992
Number in 1900.....	3,309	2,519	9,781	3,325	63,167	3,232	4,650	6,037	7,050	2,711
Native white—Native parentage.....	697	752	1,142	460	19,096	151	869	692	1,733	765
Number in 1900.....	463	865	874	370	13,442	240	1,005	604	1,776	753
Native white—Foreign or mixed parentage.....	938	855	3,212	1,490	23,866	656	1,866	2,772	3,052	947
Number in 1900.....	439	708	1,933	869	15,061	739	1,403	2,043	2,391	693
Native white—Foreign parentage.....	795	651	2,716	1,244	19,176	534	1,523	2,390	2,385	754
Native white—Mixed parentage.....	193	204	496	236	4,690	102	337	382	637	193
Foreign-born white.....	2,674	959	5,935	1,726	30,205	931	1,892	2,700	2,345	1,279
Number in 1900.....	2,313	348	6,909	1,989	23,671	2,266	2,167	3,389	2,903	1,204
Negro.....	4	1	4	1	1,579	1	4	1	8	1
Number in 1900.....	2	2	3	3	1,061	3	15	1	9	1
Indian, Chinese, Japanese, and all other.....	40	16	7	3	61	3	32	1	1	1
PER CENT OF TOTAL.										
Native white—Native parentage.....	15.8	29.1	11.1	12.5	25.5	8.8	18.6	11.2	24.3	25.6
Native white—Foreign or mixed parentage.....	22.4	33.1	31.2	40.4	31.9	37.0	40.0	45.0	42.8	31.7
Foreign-born white.....	60.7	37.1	57.6	47.1	40.4	54.2	40.6	43.8	32.8	42.7
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	1,931	737	3,717	1,213	17,778	769	1,380	1,888	1,539	890
Having first papers.....	237	70	732	143	2,665	22	94	110	161	133
Alien.....	376	96	903	154	5,715	39	130	189	200	226
Unknown.....	130	56	578	216	4,047	101	288	513	445	30
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	175	40	673	55	1,735	207	74	76	449	44
Per cent illiterate.....	4.0	1.5	6.5	1.5	2.3	12.0	1.6	1.2	6.3	1.5
Per cent in 1900.....	5.3	7.4	6.1	4.1	2.9	17.0	3.0	4.5	5.7	2.1
Native white, number illiterate.....	19	6	54	7	122	39	13	12	265	1
Per cent illiterate.....	1.1	0.4	1.2	0.4	0.3	5.0	0.5	0.3	5.5	0.1
Foreign-born white, number illiterate.....	126	29	618	48	1,574	168	60	64	184	43
Per cent illiterate.....	4.7	3.0	10.4	2.8	5.2	18.0	3.2	2.4	7.8	3.4
Negro, number illiterate.....	27	1	1	1	27	1	1	1	1	1
Per cent illiterate.....	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	11,770	7,295	27,496	9,781	185,862	4,824	13,332	17,372	20,672	7,711
Number illiterate.....	447	100	1,143	190	4,050	427	189	288	1,110	85
Per cent illiterate.....	3.8	1.4	4.2	1.9	2.2	8.9	1.4	1.7	5.4	1.1
Native white, number.....	0,757	5,304	17,003	6,731	125,589	3,132	9,778	12,383	16,073	5,395
Number illiterate.....	57	11	113	22	308	108	26	67	680	6
Per cent illiterate.....	0.8	0.2	0.7	0.3	0.2	3.4	0.3	0.5	4.2	0.1
Foreign-born white, number.....	4,891	1,737	10,462	3,048	57,344	1,692	3,434	4,987	4,579	2,313
Number illiterate.....	305	80	1,028	168	3,659	319	150	221	423	79
Per cent illiterate.....	6.2	4.6	9.8	5.5	6.4	18.9	4.4	4.4	9.3	3.4
Negro, number.....	8	1	25	2	2,850	9	1	1	19	3
Number illiterate.....	68	1	1	1	68	1	1	1	2	1
Per cent illiterate.....	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	4,079	2,525	9,433	3,201	47,378	1,787	4,632	6,031	6,449	2,386
Number illiterate.....	57	4	62	5	234	23	6	44	199	10
Per cent illiterate.....	1.4	0.2	0.7	0.2	0.5	1.6	0.1	0.7	3.1	0.4
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	5,802	3,461	12,835	4,399	61,952	2,474	6,699	8,350	8,649	3,323
Number attending school.....	4,130	2,651	8,621	2,896	39,135	1,798	4,668	5,702	6,100	2,384
Per cent attending school.....	71.2	76.6	67.2	65.8	63.2	72.7	69.7	68.3	70.5	71.7
Number 6 to 9 years.....	1,723	930	3,402	1,198	14,674	687	2,067	2,319	2,200	937
Number attending school.....	1,407	804	2,551	804	12,720	582	1,511	1,570	1,775	797
Number 10 to 14 years.....	2,126	1,208	4,303	1,484	18,629	860	2,356	2,844	2,996	1,074
Number attending school.....	2,021	1,181	4,108	1,411	17,726	822	2,189	2,717	2,803	1,051
Number 15 to 17 years.....	1,084	705	2,590	866	12,810	483	1,223	1,668	1,798	651
Number attending school.....	611	492	1,538	546	6,582	315	803	1,117	1,171	411
Number 18 to 20 years.....	869	612	2,540	851	15,339	444	1,053	1,519	1,655	661
Number attending school.....	91	174	424	135	2,107	79	165	298	351	125
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	3,849	2,144	7,705	2,682	33,303	1,547	4,423	5,163	5,196	2,011
Number attending school.....	3,428	1,985	6,659	2,215	30,446	1,404	3,700	4,287	4,573	1,848
Per cent attending school.....	89.1	92.6	86.4	82.6	91.4	90.8	83.7	83.0	88.1	91.9
Native white—Native parentage, number.....	787	874	1,381	815	11,430	302	1,554	1,676	2,413	740
Number attending school.....	706	810	1,187	693	10,346	271	1,299	1,358	2,151	676
Per cent attending school.....	89.7	92.7	86.0	85.0	90.5	89.7	79.1	81.0	89.0	91.4
Native white—Foreign or mixed parentage, number.....	2,821	1,136	6,082	1,820	19,766	1,212	2,777	3,423	2,694	1,193
Number attending school.....	2,535	1,046	5,258	1,488	18,201	1,105	2,394	2,875	2,358	1,105
Per cent attending school.....	89.9	92.1	86.5	81.8	92.1	91.3	86.2	84.0	87.5	92.6
Foreign-born white, number.....	198	38	237	46	1,845	33	43	64	81	77
Number attending school.....	176	33	209	33	1,655	27	35	54	68	67
Per cent attending school.....	88.9	86.8	88.2	71.7	89.7	81.8	81.2	84.4	84.0	87.5
Negro, number.....	3	1	1	1	261	1	1	1	1	1
Number attending school.....	3	1	1	1	243	1	1	1	1	1
Per cent attending school.....	100.0	100.0	100.0	100.0	93.1	100.0	100.0	100.0	100.0	100.0
DWELLINGS AND FAMILIES										
Dwellings, number.....	3,182	1,977	6,481	2,362	34,319	1,172	3,544	4,368	5,187	2,017
Families, number.....	3,213	1,993	6,622	2,461	43,279	1,193	3,606	4,425	5,314	2,047

¹ 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.	Roseau. ¹	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.	Stevens.	Swift. ¹	Todd.
POPULATION										
Total population, 1910.....	11,338	163,374	14,888	8,136	15,540	47,733	16,146	8,293	12,949	23,407
1900.....	6,994	82,932	15,147	7,281	16,802	44,404	16,524	8,721	13,503	22,214
1890.....		44,862	13,851	5,908	15,199	34,844	13,232	5,251	10,161	12,930
1880.....		4,504	13,516	3,855	10,637	21,956	12,460	3,011	7,473	6,135
1870.....		4,561	11,042	2,050	6,725	14,208	8,271	174		2,036
Increase, 1900-1910.....	4,344	80,342	-259	855	-1,322	3,269	-378	-428	-554	1,193
Per cent of increase.....	62.1	96.9	-1.7	11.7	-7.8	7.4	-2.3	-4.9	-4.1	5.4
Increase, 1890-1900.....	6,994	237,189	1,316	1,373	1,663	9,620	3,292	3,470	3,342	9,284
Per cent of increase.....	82.9	282.9	9.5	23.2	10.9	27.6	24.9	66.1	32.9	71.8
Land area (square miles).....	1,670	6,503	366	448	585	1,362	431	564	741	967
Population per square mile, 1910.....	6.8	25.1	40.7	18.2	26.6	35.0	37.5	14.7	17.5	24.5
Rural population per square mile, 1910.....	6.8	7.3	40.7	16.4	26.6	26.8	24.3	14.7	17.5	21.8
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....		116,063		3,809		11,202	5,058			2,558
Same places in 1900.....		64,881		3,410		9,108	5,561			1,504
Per cent of increase, 1900-1910.....		78.9		97.3		23.0	1.7			70.1
Rural, 1910—Remainder of county in 1910.....	11,338	47,211	14,888	7,327	15,540	36,531	10,488	8,293	12,949	20,849
Same territory in 1900.....	6,994	18,051	15,147	6,871	16,862	36,356	10,963	8,721	13,503	20,710
Per cent of increase, 1900-1910.....	62.1	161.5	-1.7	6.6	-7.8	3.3	-4.3	-4.9	-1.3	0.7
Urban, 1900—Places of 2,500 or more in 1900.....		62,400		3,410		7,340	5,561			
Rural, 1900—Remainder of county in 1900.....	6,994	20,532	15,147	6,871	16,862	37,124	10,963	8,721	13,503	22,214
Per cent in places of 2,500 or more, 1910.....		71.1		9.9		23.5	35.0			10.9
Per cent in places of 2,500 or more, 1900.....		76.2		5.6		16.5	33.7			
COLOR AND NATIVITY										
White.....	11,261	162,107	14,882	8,121	15,534	47,719	16,126	8,291	12,947	23,405
Number in 1900.....	6,965	81,513	16,133	7,876	16,361	44,439	16,502	8,655	13,501	22,214
Number in 1890.....		44,506	13,795	6,908	16,199	34,710	13,214	5,197	10,062	18,922
Negro.....	2	439	1	9	6	14	20	2	1	2
Number in 1900.....	7	370	2	5	1	23	22	2	2	
Number in 1890.....		228	1	6		14	15	1	1	
Black.....	2	201	1	9	6	13	16	2	1	2
Mulattid.....		148				1	4			
Ind., Chi., Jap., and all other (see Tables I and 15).....	75	728	5	6					1	
Native white—Native parentage.....	1,722	24,362	4,888	2,880	4,015	15,465	4,895	2,440	2,895	8,700
Number in 1900.....	692	13,078	5,307	2,424	2,798	11,404	4,322	1,961	2,105	8,660
Native white—Foreign or mixed parentage.....	5,818	62,337	7,402	3,353	8,451	23,555	7,880	4,177	7,069	10,340
Number in 1900.....	5,316	31,552	6,110	3,021	9,660	22,725	8,059	4,310	7,314	8,891
Native white—Foreign parentage.....	4,292	40,722	4,993	2,388	5,608	14,831	5,424	2,847	4,828	7,187
Native white—Mixed parentage.....	1,526	12,615	2,409	965	2,845	8,724	2,456	1,330	2,241	3,189
Foreign-born white.....	3,721	75,408	2,592	1,883	3,068	8,749	3,351	1,674	2,983	4,359
Number in 1900.....	2,977	36,889	3,686	1,771	4,505	10,310	4,127	2,224	4,022	4,798
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	15.2	14.9	32.8	35.4	25.8	32.4	30.3	29.4	22.4	37.2
Per cent in 1900.....	9.5	15.8	21.8	34.1	16.9	26.6	26.2	22.6	15.6	38.5
Native white—Foreign or mixed parentage.....	51.3	38.2	49.7	41.2	54.4	49.2	48.8	50.4	54.6	44.2
Per cent in 1900.....	47.4	58.0	53.7	41.5	56.7	61.1	48.7	49.4	54.2	59.9
Foreign-born white.....	32.8	46.2	17.4	23.2	19.7	18.3	20.8	20.2	23.0	18.6
Per cent in 1900.....	42.6	44.6	24.3	24.3	26.7	23.2	25.0	26.2	28.0	21.6
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	181	11,444	502	48	49	678	795	30	6	248
Belgium.....	2	240	14	9	3	20	7		2	5
Canada—French.....	70	2,295	23	20	27	39	17	0	44	34
Canada—Other.....	212	6,308	80	88	40	302	88	74	65	190
Denmark.....	73	552	23	162	20	94	559	0	51	62
England.....	36	1,963	33	62	13	122	45	19	46	86
Finland.....	6	10,381	1	7		2			1	21
France.....	9	106	14	4	3	53	3	4	2	11
Germany.....	227	3,096	1,355	330	1,850	5,315	1,170	493	531	1,076
Greece.....	1	223				89	1		1	6
Holland.....	5	72	33	4	5	3	3	17	3	18
Hungary.....		1,124	2	16	13	188		6	1	10
Ireland.....	15	1,028	177	30	134	148	74	103	202	52
Italy.....		4,184		82		340				2
Norway.....	1,532	7,546	196	346	100	523	422	540	1,316	806
Roumania.....		117	2	2		2		1		
Russia.....	27	3,395	32	21	39	85	50	17	5	51
Scotland.....	22	694	5	16	5	43	23	14	9	13
Sweden.....	1,277	12,283	75	624	746	439	47	246	626	1,002
Switzerland.....	11	74	19	9	12	81	20	38	12	44
Other foreign countries.....	15	1,623	8	8	9	83	14	3	8	22
NATIVE WHITE: Both parents born in—										
Austria.....	190	4,611	733	46	76	695	1,170	32	8	344
Canada—French.....	47	1,971	20	41	35	20	11	12	55	45
Canada—Other.....	120	2,367	35	58	47	178	48	36	54	108
Denmark.....	52	275	19	151	9	123	673	53	50	54
England.....	7	1,466	27	62	21	101	44	31	31	70
France.....		119	28	4	10	30		1	2	16
Germany.....	462	5,795	2,717	537	3,517	10,311	1,910	494	1,030	3,331
Holland.....	1	56	29	5	1	67	1	22	2	3
Hungary.....		201		13	6	217		3		16
Ireland.....	20	2,069	667	73	432	359	253	248	436	138
Italy.....		1,282		1		4				3
Norway.....	1,674	4,661	221	410	142	846	739	750	1,077	1,090
Russia.....	21	1,876	32	7	22	71	51	6	1	37
Scotland.....	19	458	6	8	5	33	37	12	4	11
Sweden.....	1,024	8,491	79	667	992	428	48	309	810	1,150
Switzerland.....	7	55	31	10	13	10	44	13	13	53
Wales.....	3	37	2	6	2	2	4	4	4	4
All others of foreign parentage.....	336	13,432	356	290	276	1,251	411	284	344	675

¹ For changes in boundaries, etc., see page 629. ² See Note 3 on page 629.
³ Population of part of St. Cloud city; total population of city in Benton, Sherburne, and Stearns Counties, 10,600 in 1910, and 8,063 in 1900.

STATISTICS OF POPULATION.

621

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Roseau. ¹	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.	Stevens.	Swift. ¹	Todd.
SEX										
Total.. Male.....	6,157	99,684	7,693	4,610	8,161	24,783	8,225	4,373	6,769	12,249
Female.....	5,181	63,590	7,195	3,526	7,379	22,950	7,921	3,920	6,160	11,156
White.. Male.....	6,117	99,007	7,688	4,598	8,161	24,775	8,211	4,372	6,787	12,249
Female.....	5,144	63,100	7,194	3,523	7,373	22,944	7,915	3,919	6,160	11,156
Negro.. Male.....	2	251	1	6	6	8	14	1	1	2
Female.....	2	188	1	3	6	6	6	1	1	2
MALES OF VOTING AGE										
Total number.....	3,013	67,124	4,060	2,567	4,217	11,987	4,333	2,233	3,421	5,874
Number in 1900.....	2,025	33,229	3,899	2,000	4,474	10,685	4,316	2,474	3,662	6,557
Native white—Native parentage.....	360	9,062	513	756	369	2,127	849	455	430	1,790
Number in 1900.....	146	5,108	268	656	294	1,759	917	464	437	1,950
Native white—Foreign or mixed parentage.....	739	10,631	2,164	741	2,193	5,029	1,798	856	1,421	1,783
Number in 1900.....	354	5,713	1,729	437	1,889	3,727	1,360	784	1,057	1,482
Native white—Foreign parentage.....	628	8,515	1,823	567	1,838	3,971	1,452	679	1,198	1,404
Native white—Mixed parentage.....	111	2,116	341	174	355	1,058	346	177	223	379
Foreign-born white.....	1,895	46,978	1,379	1,061	1,055	4,824	1,084	821	1,568	2,301
Number in 1900.....	1,517	21,947	1,899	924	2,351	5,166	2,036	1,221	2,068	2,426
Negro.....	209	1	1	4	7	2	2	1	1	1
Number in 1900.....	1	150	2	3	8	5	5	1	1	1
Indian, Chinese, Japanese, and all other.....	19	244	3	5					1	
PER CENT OF TOTAL.										
Native white—Native parentage.....	11.9	13.5	12.6	29.5	8.8	17.7	19.6	20.4	12.6	30.5
Native white—Foreign or mixed parentage.....	24.5	15.8	53.3	28.9	52.0	42.0	41.5	38.3	41.5	30.4
Foreign-born white.....	62.9	70.0	34.0	41.3	39.2	40.2	38.9	41.2	45.8	39.2
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	1,469	16,745	931	717	1,209	3,355	1,238	677	1,162	1,773
Having first papers.....	216	5,360	103	82	83	180	77	40	104	94
Alien.....	91	21,043	97	168	93	637	77	66	90	103
Unknown.....	119	3,800	248	144	320	646	292	182	212	331
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	90	5,720	175	161	128	512	89	35	89	210
Per cent illiterate.....	3.0	8.5	4.3	6.3	3.0	4.3	2.3	1.6	2.6	3.6
Number in 1900.....	4.9	4.9	6.4	2.5	5.6	4.4	3.4	5.4	4.6	4.8
Native white, number illiterate.....	13	90	51	12	37	81	16	7	16	53
Per cent illiterate.....	1.2	0.5	1.9	0.8	1.4	1.1	0.6	0.5	0.9	1.5
Foreign-born white, number illiterate.....	61	5,518	123	149	91	431	82	28	72	157
Per cent illiterate.....	3.2	11.7	8.9	14.0	5.5	8.9	4.9	3.0	4.6	6.8
Negro, number illiterate.....	4	1	1				1			
Per cent illiterate.....	1.9									
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	8,048	128,979	11,470	6,871	11,879	35,234	12,402	6,216	9,840	17,259
Number illiterate.....	232	8,776	480	338	333	972	290	76	247	477
Per cent illiterate.....	2.9	6.8	4.2	5.3	2.8	2.8	2.3	1.2	2.6	2.8
Native white, number.....	4,415	54,533	8,891	4,493	8,817	26,539	9,080	4,556	6,670	12,941
Number illiterate.....	35	211	143	21	81	225	54	41	41	107
Per cent illiterate.....	0.8	0.4	1.6	0.5	0.9	0.8	0.6	0.3	0.6	0.8
Foreign-born white, number.....	3,579	73,492	2,573	1,864	3,056	8,681	3,301	1,659	2,968	4,817
Number illiterate.....	152	8,314	335	317	251	747	235	62	205	370
Per cent illiterate.....	4.2	11.3	13.0	17.0	8.2	8.6	7.1	3.7	6.9	8.6
Negro, number.....	1	400	1	8	6	14	15	1	1	1
Number illiterate.....	7	1	1		1		1			
Per cent illiterate.....	1.8									
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	2,850	28,771	3,810	1,953	3,994	12,585	3,864	2,092	3,259	6,258
Number illiterate.....	31	805	25	16	9	48	11	4	12	15
Per cent illiterate.....	1.1	2.8	0.7	0.8	0.2	0.4	0.3	0.2	0.4	0.2
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	4,111	40,636	5,177	2,868	5,486	17,566	5,379	2,923	4,526	8,860
Number attending school.....	2,793	25,254	3,522	1,939	3,835	11,920	3,983	2,189	3,076	6,447
Per cent attending school.....	67.9	62.1	68.0	72.7	69.9	67.8	74.0	74.9	68.0	72.8
Number 6 to 9 years.....	1,201	11,865	1,367	715	1,492	5,001	1,515	831	1,267	2,602
Number attending school.....	894	9,360	1,124	546	1,223	4,267	1,325	693	971	2,037
Number 10 to 14 years.....	1,465	12,145	1,853	838	1,843	6,005	1,815	999	1,483	3,155
Number attending school.....	1,355	11,436	1,723	820	1,770	5,643	1,758	988	1,433	3,072
Number 15 to 17 years.....	746	6,777	1,057	563	1,121	3,521	1,088	575	906	1,748
Number attending school.....	452	3,478	553	395	698	1,608	524	408	522	1,139
Number 18 to 20 years.....	639	9,849	900	552	1,030	3,058	961	518	870	1,355
Number attending school.....	92	980	122	178	144	410	176	100	150	199
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	2,726	24,010	3,220	1,553	3,335	11,007	3,330	1,830	2,750	5,757
Number attending school.....	2,249	20,796	2,847	1,366	2,993	9,902	3,083	1,681	2,404	5,109
Per cent attending school.....	82.5	86.6	88.4	88.0	89.7	90.0	92.6	91.9	87.4	88.7
Native white—Native parentage, number.....	428	3,809	1,732	609	1,379	4,835	1,348	671	805	2,366
Number attending school.....	338	3,267	1,544	535	1,214	4,360	1,242	607	696	2,120
Per cent attending school.....	79.0	85.8	89.1	87.8	88.0	90.2	92.1	90.5	86.5	89.6
Native white—Foreign or mixed parentage, number.....	2,032	17,206	1,458	914	1,929	6,062	1,891	1,134	1,803	3,326
Number attending school.....	1,696	15,025	1,278	804	1,754	5,445	1,759	1,051	1,672	2,937
Per cent attending school.....	83.5	87.3	87.7	88.0	90.9	90.0	93.0	92.7	87.9	88.3
Foreign-born white, number.....	252	2,775	29	30	27	119	78	24	42	64
Number attending school.....	211	2,340	24	27	25	96	69	22	36	51
Per cent attending school.....	83.7	84.3				80.7				
Negro, number.....		36				1	13	1		1
Number attending school.....		31				1	13	1		1
Per cent attending school.....										
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,314	25,106	2,979	1,569	3,078	8,407	3,320	1,576	2,414	4,737
Families, number.....	2,366	29,380	3,012	1,621	3,105	8,661	3,402	1,584	2,462	4,781

¹ 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.	Traverse. ¹	Wabasha.	Wadena.	Waseca.	Washing- ton.	Waton- wan.	Wilkin. ¹	Winona.	Wright.	Yellow Medicine. ¹
POPULATION										
Total population, 1910.....	8,049	18,554	8,652	13,466	26,013	11,382	9,063	33,398	28,082	15,406
1900.....	7,573	18,924	7,921	14,760	27,808	11,496	8,080	35,086	29,157	14,602
1890.....	4,516	16,972	4,053	13,313	25,992	7,746	4,346	33,797	24,164	9,854
1880.....	1,507	18,206	2,080	12,385	19,563	5,104	1,906	27,197	18,104	5,884
1870.....	13	15,859	6	7,854	11,809	2,426	295	22,319	9,457	.....
Increase, 1900-1910.....	476	-370	731	-1,294	-1,795	-114	983	-2,288	-1,075	804
Per cent of increase.....	6.3	-2.0	9.2	-8.8	-6.5	-1.0	12.2	-6.4	-3.7	5.5
Increase, 1890-1900.....	3,057	1,952	3,868	1,447	1,816	3,750	3,734	1,880	4,993	4,748
Per cent of increase.....	67.7	11.5	95.4	10.9	7.0	45.4	85.9	5.6	20.7	48.2
Land area (square miles).....	568	541	538	431	397	434	745	637	691	749
Population per square mile, 1910.....	14.2	34.3	16.1	31.2	65.5	26.2	12.2	52.4	40.6	20.6
Rural population per square mile, 1910.....	14.2	23.6	16.1	24.2	39.8	26.2	12.2	23.3	40.6	20.6
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	.....	5,764	.....	3,054	10,198	.....	.....	18,583	.....	.....
Same places in 1900.....	.....	5,272	.....	3,103	12,318	.....	.....	19,714	.....	.....
Per cent of increase, 1900-1910.....	.....	9.3	.....	-1.6	-17.2	.....	.....	-5.7	.....	.....
Rural, 1910—Remainder of county in 1910.....	8,049	12,790	8,652	10,412	15,815	11,382	9,063	14,815	28,082	15,406
Same territory in 1900.....	7,573	13,652	7,921	11,657	15,400	11,496	8,080	15,972	29,157	14,602
Per cent of increase, 1900-1910.....	6.3	-6.3	9.2	-10.7	3.1	-1.0	12.2	-7.2	-3.7	5.5
Urban, 1900—Places of 2,500 or more in 1900.....	.....	5,272	.....	3,103	12,318	2,607	.....	19,714	.....	.....
Rural, 1900—Remainder of county in 1900.....	7,573	13,652	7,921	11,657	15,400	8,889	8,080	15,972	29,157	14,602
Per cent in places of 2,500 or more, 1910.....	.....	31.1	.....	22.7	39.2	.....	.....	55.6	.....	.....
Per cent in places of 2,500 or more, 1900.....	.....	27.9	.....	21.0	44.3	.....	.....	55.2	.....	.....
COLOR AND NATIVITY										
White.....	8,047	18,543	8,651	13,400	25,912	11,381	9,056	33,374	28,062	15,348
Number in 1900.....	7,573	18,915	7,921	14,754	27,711	11,485	8,077	35,051	29,155	14,543
Number in 1890.....	4,512	16,940	4,045	13,311	25,849	7,741	4,344	33,793	24,161	9,856
Negro.....	2	11	1	5	71	1	3	22	18	1
Number in 1900.....	1	8	.....	4	68	7	.....	.....	.....	.....
Number in 1890.....	.....	17	4	.....	69	5	.....	55	3	.....
Black.....	1	10	.....	3	37	1	2	9	17	.....
Mulatto.....	1	1	1	2	34	.....	.....	13	1	1
Ind., Chi., Jap., and all other (see Tables 1 and 15).....	.....	.....	.....	1	30	.....	4	2	2	57
Native white—Native parentage.....	2,208	7,139	2,892	4,836	6,574	3,074	2,750	10,696	8,448	3,058
Number in 1900.....	1,494	6,246	2,840	4,136	5,314	2,539	2,027	9,915	7,594	1,941
Native white—Foreign or mixed parentage.....	4,150	8,040	3,980	6,307	12,807	5,775	4,377	10,159	13,484	8,693
Number in 1900.....	3,828	8,678	3,134	7,205	13,741	6,666	3,955	17,310	13,785	8,199
Native white—Foreign parentage.....	2,850	5,267	2,744	4,092	9,031	4,100	2,910	10,714	9,325	5,698
Native white—Mixed parentage.....	1,309	2,773	1,236	2,215	3,776	1,675	1,467	5,445	4,158	2,995
Foreign-born white.....	1,680	3,304	1,779	2,317	6,531	2,532	1,920	6,519	6,130	3,597
Number in 1900.....	2,252	3,993	1,947	3,363	8,656	3,280	2,095	8,426	7,776	4,403
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	27.4	38.5	33.4	35.9	25.3	27.0	30.4	32.0	30.1	19.8
Per cent in 1900.....	19.7	33.0	35.9	28.4	19.1	22.1	25.1	27.8	26.0	13.3
Native white—Foreign or mixed parentage.....	51.7	43.3	46.0	46.8	49.2	50.7	48.3	48.4	48.0	56.4
Per cent in 1900.....	50.5	45.8	39.6	48.8	49.4	49.3	48.9	48.5	47.3	56.1
Foreign-born white.....	20.9	18.1	20.6	17.2	25.1	22.2	21.2	19.5	21.8	23.3
Per cent in 1900.....	20.7	21.1	24.6	22.8	31.1	28.5	25.0	23.6	20.7	30.2
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	25	122	34	53	114	70	134	258	135	59
Belgium.....	5	13	1	5	59	2	.....	8	21	6
Canada—French.....	6	19	9	11	331	2	34	10	161	2
Canada—Other.....	69	113	70	66	681	52	82	224	308	61
Denmark.....	37	25	61	36	222	65	46	81	35	72
England.....	20	91	55	41	137	54	38	166	92	42
Finland.....	1	.....	550	1	27	.....	1	7	477	3
France.....	5	11	14	4	27	6	1	19	22	1
Germany.....	519	1,841	425	1,287	1,823	565	463	4,487	1,895	704
Greece.....	2	8	.....	.....	2	.....	53	4	6	5
Holland.....	20	5	6	1	23	1	0	30	91	4
Hungary.....	1	69	3	.....	16	5	2	9	27	3
Ireland.....	87	218	23	189	211	43	29	270	171	8
Italy.....	.....	66	.....	1	67	.....	4	218	1	.....
Norway.....	150	122	248	302	379	876	548	385	276	2,028
Roumania.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Russia.....	17	20	7	11	40	123	8	168	21	16
Scotland.....	19	30	12	8	45	10	14	49	7	8
Sweden.....	605	397	242	193	2,203	629	217	153	2,287	467
Switzerland.....	13	66	9	8	96	15	11	69	23	10
Other foreign countries.....	10	122	10	4	22	9	12	121	67	8
NATIVE WHITE: Both parents born in—										
Austria.....	30	39	34	58	58	106	183	237	212	106
Canada—French.....	11	23	10	12	402	1	42	16	359	3
Canada—Other.....	33	40	36	25	547	21	39	97	213	24
Denmark.....	60	14	57	28	225	67	38	53	20	77
England.....	25	82	72	38	101	43	40	170	67	47
France.....	5	13	2	5	8	.....	2	17	26	7
Germany.....	1,082	3,346	818	2,276	3,104	1,133	1,019	7,600	3,472	1,562
Holland.....	35	9	5	.....	7	1	4	26	93	9
Hungary.....	.....	4	.....	.....	9	2	.....	1	42	4
Ireland.....	231	606	47	611	552	127	88	700	387	36
Italy.....	.....	.....	.....	2	110	.....	1	.....	.....	.....
Norway.....	216	112	367	600	360	1,218	833	403	262	2,879
Russia.....	6	7	5	1	21	265	6	112	11	19
Scotland.....	14	48	23	20	37	6	19	73	19	8
Sweden.....	834	444	301	224	2,568	800	245	118	2,684	566
Switzerland.....	40	55	4	21	125	15	31	73	32	12
Wales.....	2	10	7	3	6	12	4	22	1	.....
All others of foreign parentage ²	226	409	956	168	791	275	311	867	1,417	399

¹ For changes in boundaries, etc., see page 629.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Traverse.l	Wabasha.	Wadena.	Waseca.	Washing- ton.	Waton- wan.	Wilkin.l	Winona.	Wright.	Yellow Medicine.l
SEX										
Total.. Male.....	4,254	9,708	4,447	6,909	13,886	5,892	4,889	16,929	14,410	8,116
Female.....	3,795	8,848	4,205	6,557	12,127	5,490	4,174	16,469	13,672	7,290
White.. Male.....	4,252	9,700	4,446	6,905	13,819	5,892	4,883	16,912	14,402	8,087
Female.....	3,795	8,843	4,205	6,555	12,093	5,489	4,173	16,462	13,660	7,261
Negro.. Male.....	2	6	1	3	47	2	2	15	6	1
Female.....	2	5	1	2	24	1	1	7	12	1
MALES OF VOTING AGE										
Total number.....	2,134	5,679	2,155	3,817	8,429	3,005	2,573	9,612	7,442	4,093
Number in 1900.....	2,133	5,277	2,060	4,018	8,391	3,351	2,303	9,389	7,461	3,840
Native white—Native parentage.....	425	1,358	660	879	1,597	555	548	2,109	1,436	437
Number in 1900.....	327	1,335	705	713	1,533	666	563	2,123	1,500	375
Native white—Foreign or mixed parentage.....	812	2,405	574	1,737	3,140	1,135	933	4,044	2,824	1,713
Number in 1900.....	593	1,875	402	1,621	2,625	835	615	5,131	2,043	1,163
Native white—Foreign parentage.....	655	1,867	413	1,419	2,534	955	743	3,143	2,317	1,400
Native white—Mixed parentage.....	157	538	161	308	606	180	190	896	507	313
Foreign-born white.....	895	1,910	920	1,149	3,635	1,315	1,086	3,444	3,175	1,922
Number in 1900.....	1,202	2,061	943	1,680	4,674	1,743	1,123	4,092	3,852	2,280
Negro.....	2	6	1	2	43	2	2	13	6	1
Number in 1900.....	1	5	1	2	36	3	1	18	1	1
Indian, Chinese, Japanese, and all other.....	1	1	1	1	14	1	4	2	1	20
PER CENT OF TOTAL.										
Native white—Native parentage.....	19.9	23.9	30.6	23.0	18.9	18.5	21.3	21.9	19.3	10.7
Native white—Foreign or mixed parentage.....	38.1	42.3	26.6	46.8	37.3	37.8	36.3	42.1	37.9	41.9
Foreign-born white.....	41.9	33.6	42.7	30.1	43.1	43.8	42.2	35.8	42.7	47.0
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	661	1,228	747	842	2,570	1,128	662	2,574	2,378	1,267
Having first papers.....	34	77	36	56	245	61	54	107	162	146
Alien.....	62	336	28	59	377	83	241	233	207	211
Unknown.....	88	269	109	192	443	43	129	530	428	293
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	43	74	52	91	310	44	151	286	306	63
Per cent illiterate.....	2.0	1.3	2.4	2.4	3.7	1.5	5.9	3.0	4.1	1.5
Number in 1900.....	3.2	3.1	4.0	4.2	4.5	1.9	5.3	4.1	3.4	3.0
Native white, number illiterate.....	10	19	9	23	62	8	14	59	86	8
Per cent illiterate.....	0.8	0.5	0.7	0.9	1.3	0.5	0.9	1.0	2.0	0.4
Foreign-born white, number illiterate.....	33	54	43	68	245	36	133	226	220	51
Per cent illiterate.....	3.7	2.8	4.7	5.9	6.7	2.7	12.2	6.6	6.9	2.7
Negro, number illiterate.....	1	1	1	1	2	1	1	1	1	1
Per cent illiterate.....	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	5,990	14,820	6,300	10,528	21,248	8,552	6,709	26,735	21,411	11,454
Number illiterate.....	108	162	148	243	674	151	275	707	721	158
Per cent illiterate.....	1.8	1.1	2.3	2.3	3.2	1.8	4.1	2.6	3.4	1.4
Native white, number.....	4,326	11,467	4,544	8,219	14,667	6,038	4,801	20,225	15,316	7,844
Number illiterate.....	20	37	20	55	115	26	30	115	159	18
Per cent illiterate.....	0.5	0.3	0.4	0.7	0.8	0.4	0.6	0.6	1.0	0.2
Foreign-born white, number.....	1,662	3,345	1,755	2,305	6,491	2,513	1,901	6,487	6,079	3,566
Number illiterate.....	88	124	123	189	556	125	241	591	562	127
Per cent illiterate.....	5.3	3.7	7.3	8.2	8.6	5.0	12.7	9.1	9.2	3.6
Negro, number.....	2	8	1	3	69	1	3	21	15	1
Number illiterate.....	1	1	1	1	2	1	1	1	1	1
Per cent illiterate.....	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	2,137	4,233	2,213	3,211	6,069	2,803	2,223	7,881	7,214	3,941
Number illiterate.....	11	6	5	12	21	7	43	15	15	6
Per cent illiterate.....	0.5	0.1	0.2	0.4	0.3	0.2	1.9	0.2	0.2	0.2
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	2,976	5,719	3,133	4,387	8,046	3,933	3,127	10,537	9,940	5,503
Number attending school.....	2,093	4,042	2,306	3,095	5,400	2,807	2,218	7,146	7,282	3,893
Per cent attending school.....	70.3	70.7	73.6	70.5	67.1	71.4	70.9	67.8	73.1	70.7
Number 6 to 9 years.....	839	1,486	920	1,176	1,977	1,130	904	2,656	2,726	1,562
Number attending school.....	703	1,302	757	958	1,637	942	750	2,238	2,153	1,186
Number 10 to 14 years.....	991	1,933	1,137	1,491	2,737	1,357	1,038	3,515	3,507	1,870
Number attending school.....	950	1,819	1,104	1,404	2,606	1,307	1,003	3,369	3,433	1,826
Number 15 to 17 years.....	585	1,130	589	904	1,695	726	580	2,218	2,048	1,050
Number attending school.....	349	725	372	538	905	431	379	1,223	1,355	687
Number 18 to 20 years.....	561	1,164	487	810	1,637	720	605	2,148	1,659	1,021
Number attending school.....	91	196	72	145	232	127	86	316	321	184
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	1,830	3,419	2,057	2,667	4,714	2,487	1,942	6,171	6,233	3,432
Number attending school.....	1,653	3,121	1,861	2,302	4,243	2,249	1,753	5,607	5,586	3,012
Per cent attending school.....	90.3	91.3	90.5	88.6	90.0	90.4	90.3	90.9	89.6	87.8
Native white—Native parentage, number.....	600	1,900	695	1,392	1,595	864	731	2,755	2,455	913
Number attending school.....	532	1,773	635	1,224	1,419	795	663	2,527	2,188	787
Per cent attending school.....	88.7	90.5	91.4	87.9	89.0	92.0	90.7	91.7	89.1	86.2
Native white—Foreign or mixed parentage, number.....	1,201	1,420	1,316	1,251	3,034	1,591	1,184	3,354	3,683	2,448
Number attending school.....	1,094	1,315	1,181	1,118	2,748	1,427	1,067	3,029	3,315	2,169
Per cent attending school.....	91.1	92.6	89.7	89.4	90.6	89.7	90.1	90.3	90.0	88.6
Foreign-born white, number.....	29	38	46	23	80	32	27	61	92	65
Number attending school.....	27	32	45	19	73	27	23	50	81	52
Per cent attending school.....	93.1	84.2	97.8	82.6	91.3	84.4	85.2	82.1	87.0	78.5
Negro, number.....	1	1	1	1	1	1	1	1	1	1
Number attending school.....	1	1	1	1	1	1	1	1	1	1
Per cent attending school.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DWELLINGS AND FAMILIES										
Dwellings, number.....	1,530	3,965	1,735	2,788	5,031	2,288	1,655	7,244	5,765	2,818
Families, number.....	1,533	4,042	1,740	2,833	5,339	2,315	1,674	7,442	5,868	2,855

* 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 POPULATION FOR CITIES OF 25,000 OR MORE.

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

SUBJECT.	TOTAL, CITIES NAMED.	Du-luth. ¹	Minneapolis.	St. Paul.	SUBJECT.	TOTAL, CITIES NAMED.	Du-luth. ¹	Minneapolis.	St. Paul.
POPULATION					MALES OF VOTING AGE				
Total population, 1910.....	594,618	78,466	301,408	214,744	Total number.....	207,444	30,066	105,305	72,073
1900.....	418,752	52,969	202,718	163,065	Number in 1900.....	139,675	18,957	63,711	51,027
1890.....	331,009	33,115	164,738	133,156	Native white—Native parentage.....	56,172	5,864	31,740	18,559
1880.....	89,198	838	46,887	41,473	Number in 1900.....	35,357	3,854	18,401	13,102
1870.....	36,427	3,131	13,066	20,230	Native white—Foreign or mixed parentage.....	50,186	6,301	27,053	22,832
Increase, 1800-1910.....	175,866	25,497	98,690	51,679	Number in 1900.....	32,519	3,690	14,422	14,407
Per cent of increase.....	42.0	48.1	48.7	31.7	Native white—Foreign parentage.....	44,363	5,007	20,936	18,330
Increase, 1890-1900.....	87,743	19,854	37,980	29,909	Native white—Mixed parentage.....	11,823	1,204	0,117	4,502
Per cent of increase.....	26.5	60.0	23.1	22.5	Foreign-born white.....	91,870	17,603	45,159	29,048
COLOR AND NATIVITY					PER CENT OF TOTAL.				
White.....	538,189	78,001	298,672	211,516	Native white—Native parentage.....	27.1	19.5	30.1	25.8
Number in 1900.....	414,424	52,547	201,113	160,764	Native white—Foreign or mixed parentage.....	27.1	21.0	25.7	31.7
Number in 1890.....	327,580	32,864	163,384	131,639	Foreign-born white.....	44.3	58.7	42.9	40.3
Negro.....	6,146	410	2,592	3,144	Negro.....	1.4	0.7	1.2	2.2
Number in 1900.....	4,168	357	1,548	2,263	CITIZENSHIP OF FOREIGN-BORN WHITE.				
Number in 1890.....	5,016	220	1,320	1,470	Naturalized.....	48,892	8,359	23,462	17,071
Black.....	3,899	207	1,653	1,949	Having first papers.....	10,185	2,172	5,427	2,586
Mulatto.....	2,277	143	939	1,195	Alien.....	20,655	4,774	10,305	5,576
Indian.....	40	17	13	10	Unknown.....	12,138	2,358	6,965	3,815
Chinese.....	184	38	101	45	ILLITERACY				
Japanese.....	58	1	30	2	ILLITERATE MALES OF VOTING AGE.				
All other.....	1	1	1	1	Total number illiterate.....	5,294	948	2,770	1,576
Native white—Native parentage.....	173,273	15,493	96,186	61,594	Per cent illiterate.....	2.6	3.2	2.6	2.2
Number in 1900.....	114,056	10,333	61,269	42,451	Per cent in 1900.....	2.5	3.8	1.9	2.6
Native white—Foreign or mixed parentage.....	241,802	31,856	116,548	93,398	Native white, number illiterate.....	230	45	115	70
Number in 1900.....	171,085	21,322	78,361	71,628	Per cent illiterate.....	0.2	0.4	0.2	0.2
Native white—Foreign parentage.....	178,802	24,259	85,312	69,231	Foreign-born white, number illiterate.....	4,969	896	2,605	1,468
Native white—Mixed parentage.....	63,000	7,597	31,236	24,167	Per cent illiterate.....	5.4	5.1	5.8	5.1
Foreign-born white.....	173,114	30,652	85,938	59,524	Negro, number illiterate.....	67	2	30	26
Number in 1900.....	128,683	20,952	60,383	46,748	Per cent illiterate.....	2.2	1.0	3.2	1.7
PER CENT OF TOTAL POPULATION.					PERSONS 10 YEARS OLD AND OVER.				
Native white—Native parentage.....	29.1	19.7	31.9	28.7	Total number.....	496,605	64,246	253,526	178,833
Per cent in 1900.....	27.2	19.5	30.2	26.0	Number illiterate.....	11,610	1,720	6,139	3,751
Native white—Foreign or mixed parentage.....	40.7	40.6	38.7	43.5	Per cent illiterate.....	2.3	2.7	2.4	2.1
Per cent in 1900.....	41.0	40.1	38.9	43.9	Native white, number.....	321,418	33,872	166,902	120,644
Foreign-born white.....	29.1	39.1	28.5	26.3	Number illiterate.....	595	80	298	211
Per cent in 1900.....	30.7	39.6	30.1	28.7	Per cent illiterate.....	0.2	0.3	0.2	0.2
Negro.....	1.0	0.5	0.9	1.5	Foreign-born white, number.....	169,342	20,048	84,124	55,270
Per cent in 1900.....	1.0	0.7	0.8	1.4	Number illiterate.....	10,844	1,025	5,760	3,450
SEX					PERSONS 10 TO 20 YEARS, INCLUSIVE.				
Total.. Male.....	314,020	44,866	157,345	111,809	Total number.....	118,394	15,274	58,073	45,047
Female.....	280,598	33,600	144,063	102,935	Number illiterate.....	793	110	452	225
White.. Male.....	310,137	44,582	155,719	109,836	Per cent illiterate.....	0.7	0.8	0.8	0.5
Female.....	278,052	33,419	142,953	101,680	SCHOOL AGE AND ATTENDANCE				
Negro.. Male.....	3,639	236	1,499	1,904	Total number 6 to 20 years, inclusive.....	155,172	20,615	75,611	58,946
Female.....	2,507	174	1,093	1,240	Number attending school.....	98,858	13,018	43,655	37,187
FOREIGN NATIONALITIES					Per cent attending school.....				
FOREIGN-BORN WHITE: Born in—					63.7				
Austria.....	11,140	1,165	6,075	3,900	Number 0 to 9 years.....	36,778	5,341	17,538	13,899
Canada—French.....	4,156	1,423	1,637	1,095	Number attending school.....	30,962	4,373	14,493	12,096
Canada—Other.....	13,597	4,418	5,877	3,302	Number 10 to 14 years.....	46,422	6,347	22,476	17,599
Denmark.....	3,847	405	2,030	1,412	Number attending school.....	44,204	6,010	21,410	10,775
England.....	5,895	961	2,798	2,136	Number 15 to 17 years.....	31,236	3,007	15,145	12,184
Finland.....	3,720	2,772	875	73	Number attending school.....	17,293	2,000	9,011	6,273
France.....	638	69	293	270	Number 18 to 20 years.....	40,736	5,020	20,452	15,204
Germany.....	25,270	2,595	8,550	14,025	Number attending school.....	6,399	624	3,732	2,043
Greece.....	640	57	463	129	PERSONS 6 TO 14 YEARS, INCLUSIVE.				
Holland.....	462	49	209	194	Total number.....	83,200	11,688	40,614	31,488
Hungary.....	3,241	76	1,176	1,989	Number attending school.....	75,166	10,383	35,912	28,871
Ireland.....	7,071	620	2,867	4,184	Per cent attending school.....	90.3	88.8	89.7	91.7
Italy.....	3,295	648	653	1,904	Native white—Native parentage.....	27,247	2,270	14,184	10,784
Norway.....	25,473	5,009	10,401	4,063	Number attending school.....	24,366	1,976	12,621	9,769
Roumania.....	1,758	79	1,412	267	Per cent attending school.....	89.4	86.7	89.0	90.6
Russia.....	11,980	1,907	5,454	4,359	Native white—Foreign or mixed parentage.....	49,855	8,331	22,878	18,646
Scotland.....	2,283	554	1,060	609	Number attending school.....	45,911	7,481	20,686	17,234
Sweden.....	45,093	7,281	20,477	11,335	Per cent attending school.....	91.1	89.8	90.4	92.4
Switzerland.....	891	48	299	544	Foreign-born white.....	5,569	1,041	2,722	1,806
Turkey.....	544	62	280	202	Number attending school.....	4,923	894	2,405	1,624
Wales.....	317	31	213	73	Per cent attending school.....	88.4	85.9	88.4	89.0
Other foreign countries.....	1,204	363	539	302	Negro.....	520	34	225	261
NATIVE WHITE: Both parents born in—					Number attending school.....				
Austria.....	7,745	382	3,958	3,405	Per cent attending school.....	90.2	87.6	93.1	93.1
Canada—French.....	4,400	1,269	1,923	1,208	DWELLINGS AND FAMILIES				
Canada—Other.....	5,825	1,994	2,423	1,408	Dwellings, number.....	91,446	11,027	46,903	32,616
Denmark.....	2,708	205	1,310	1,193	Families, number.....	119,525	14,736	63,241	41,548
England.....	3,847	597	1,697	1,553					
France.....	600	61	301	244					
Germany.....	42,490	4,134	14,798	23,558					
Holland.....	365	36	171	158					
Hungary.....	1,313	22	506	785					
Ireland.....	17,121	1,143	7,180	8,798					
Italy.....	1,732	403	270	1,050					
Norway.....	21,546	3,278	14,267	4,001					
Russia.....	6,354	934	2,992	2,428					
Scotland.....	1,620	352	740	528					
Sweden.....	39,027	5,322	22,326	11,379					
Switzerland.....	807	32	302	473					
Wales.....	401	26	296	79					
All others of foreign parentage.....	20,895	4,069	9,843	6,983					

¹ For changes in boundaries, etc., see page 629.² Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

STATISTICS OF POPULATION.

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

SUBJECT.	TOTAL, CITIES NAMED.	Mankato.	St. Cloud.	Stillwater.	Virginia.	Winona.
COLOR AND NATIVITY						
Total population, 1910.	60,219	10,365	10,600	10,198	10,473	18,563
1900.....	54,256	10,599	8,603	12,318	2,962	18,714
Native white—Native parentage.....	16,685	3,674	3,813	2,447	1,953	5,398
Native white—Foreign or mixed parentage.....	27,332	4,618	4,745	4,916	3,746	9,307
Foreign-born white.....	16,066	2,070	2,024	2,774	5,340	3,858
Negro.....	102	3	12	56	13	18
Indian, Chinese, and Japanese.....	34	3	6	5	21	2
FOREIGN NATIONALITIES						
FOREIGN-BORN WHITE: Born in—						
Austria.....	992	107	47	42	615	181
Canada—French.....	232	3	24	124	74	7
Canada—Other.....	1,105	96	120	423	330	127
Denmark.....	285	69	19	125	17	65
England.....	348	52	64	43	121	83
Finland.....	1,971	1	7	25	1,936	1
France.....	40	9	7	11	6	13
Germany.....	5,500	976	864	701	201	2,758
Greece.....	116	6	87	2	17	4
Hungary.....	126	1	13	5	103	4
Ireland.....	411	49	50	122	55	135
Italy.....	438	78	78	61	298	1
Norway.....	1,077	192	88	155	400	182
Russia.....	589	38	38	40	347	126
Scotland.....	103	15	35	12	22	19
Sweden.....	2,321	342	421	822	672	64
Switzerland.....	136	19	24	49	2	42
Wales.....	76	60	1	1	3	12
Other foreign countries.....	174	35	27	12	61	39
NATIVE WHITE: Both parents born in—						
Austria.....	541	85	31	10	201	214
Canada—French.....	180	3	19	103	60	5
Canada—Other.....	721	41	74	322	220	64
Denmark.....	279	68	18	147	7	39
England.....	824	66	52	27	101	78
France.....	46	19	7	2	9	9
Germany.....	9,493	1,654	1,821	1,123	259	4,636
Holland.....	26	3	10	2	5	10
Ireland.....	1,135	149	143	319	128	399
Italy.....	170	1	1	104	65	1
Norway.....	1,041	268	100	156	301	216
Russia.....	303	13	49	21	147	73
Scotland.....	169	11	29	17	20	32
Sweden.....	2,130	405	392	873	385	75
Switzerland.....	155	20	19	71	1	39
Wales.....	122	102	2	2	1	17
All others of foreign parentage ²	2,407	247	297	310	1,136	477
SEX						
Total.. Male.....	31,587	4,995	5,565	5,459	6,582	8,986
Female.....	28,632	5,370	5,035	4,739	3,891	9,597
White.. Male.....	31,479	4,993	5,550	5,411	6,554	8,971
Female.....	28,604	5,369	5,032	4,726	3,885	9,592
Negro.. Male.....	74	2	9	43	7	13
Female.....	28	1	3	13	6	5
MALES OF VOTING AGE						
Total number.....	19,335	2,911	3,096	3,731	4,493	5,104
Native white—Native parentage.....	4,007	820	814	809	444	1,114
Native white—Foreign or mixed parentage.....	6,203	1,065	1,167	1,298	625	2,048
Foreign-born white.....	9,025	1,018	1,109	1,578	3,397	1,929
Negro.....	68	2	7	41	7	11
CITIZENSHIP OF FOREIGN-BORN WHITE.						
Naturalized.....	5,184	814	675	1,151	958	1,586
Having first papers.....	587	58	40	88	370	31
Alien.....	2,330	73	206	177	1,813	61
Unknown.....	924	73	182	162	256	251
ILLITERACY						
Total number 10 years old and over.....	48,925	8,484	8,477	8,707	8,213	15,044
Number illiterate.....	2,027	121	213	314	903	476
Native white 10 years old and over.....	32,970	6,433	6,466	5,888	3,002	11,181
Number illiterate.....	158	19	41	32	9	57
Foreign-born white 10 years old and over.....	15,823	2,048	1,993	2,758	5,180	3,844
Number illiterate.....	1,867	102	172	281	893	419
Negro 10 years old and over.....	98	3	12	56	10	17
Number illiterate.....	2	1	1	1	1	1
Illiterate males of voting age.....	986	30	89	133	561	173
SCHOOL AGE AND ATTENDANCE						
Total number 6 to 20 years, inclusive.....	17,788	2,144	3,521	2,794	2,499	5,830
Number attending school.....	11,914	2,193	2,481	1,889	1,514	3,837
PERSONS 6 TO 14 YEARS, INCLUSIVE.						
Total number.....	9,914	1,777	1,920	1,530	1,414	3,273
Number attending school.....	8,996	1,600	1,743	1,416	1,268	2,969
Native white—Native parentage, number.....	3,692	774	623	477	243	1,275
Number attending school.....	3,321	679	829	443	215	1,155
Native white—Foreign or mixed parentage, number.....	5,885	964	859	1,013	986	1,933
Number attending school.....	5,370	885	881	935	881	1,734
Foreign-born white, number.....	386	39	38	40	185	34
Number attending school.....	298	36	33	38	162	29
Negro, number.....	1	1	1	1	1	1
Number attending school.....	1	1	1	1	1	1
DWELLINGS AND FAMILIES						
Dwellings, number.....	11,390	2,211	1,891	1,840	1,367	4,081
Families, number.....	12,416	2,406	2,013	2,015	1,763	4,229

¹ For changes in boundaries, etc., see page 629.

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

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

SUBJECT.	TOTAL PLACES NAMED.	Albert Lea.	Alexandria.	Anoka.	Austin.	Bemidji.	Brainerd.	Chisholm. ¹	Cloquet. ¹	Crookston.	Detroit. ¹	East Grand Forks.	Ely.
SEX, COLOR, AND NATIVITY													
Total population, 1910	195,457	6,192	3,001	3,972	6,960	5,099	8,526	7,684	7,031	7,559	2,807	2,533	3,572
1900	139,050	4,500	2,681	3,709	5,474	2,183	7,524	3,072	3,072	5,359	1,426	2,077	3,717
Male	104,551	3,146	1,481	1,922	3,606	2,833	4,387	5,026	4,144	4,059	1,381	1,337	2,031
Female	90,906	3,046	1,520	2,050	3,354	2,266	4,139	2,658	2,887	3,500	1,426	1,196	1,541
Native white—Native parentage	58,363	2,305	1,129	1,858	3,361	2,090	2,622	738	1,069	1,825	1,028	429	622
Native white—Foreign or mixed parentage	80,825	2,089	1,208	1,223	2,458	1,943	3,737	2,474	2,938	3,545	1,177	1,321	1,603
Foreign-born white	55,802	1,192	655	801	1,128	1,056	2,164	4,460	2,959	2,177	533	773	1,713
Negro	270	6	3	31	13	4	1	1	1	12	40	10	1
Indian, Chinese, and all other	137	6	6	1	1	6	2	3	5	2	1	1	1
MALES OF VOTING AGE													
Total number	65,169	2,069	856	1,289	2,272	1,806	2,460	3,497	2,558	2,482	804	788	1,149
Native white—Native parentage	15,537	732	252	506	990	614	605	251	303	458	262	123	51
Native white—Foreign or mixed par.	17,095	735	255	278	658	515	731	307	400	740	264	241	102
Foreign-born white	31,779	391	347	491	615	672	1,122	2,936	1,794	1,282	267	422	995
Naturalized	15,142	337	288	420	342	401	796	551	753	434	217	220	377
Negro	97	4	1	14	9	2	1	1	1	2	1	2	1
ILLITERACY													
Total number 10 years old and over	156,540	5,070	2,417	3,369	5,702	4,005	6,627	5,784	5,414	6,032	2,250	1,974	2,476
Number illiterate	6,162	30	34	81	180	28	170	483	212	439	13	39	862
Native white 10 years old and over	101,355	3,808	1,762	2,509	4,584	2,950	4,515	1,451	2,537	3,878	1,674	1,204	707
Number illiterate	1,142	9	3	27	11	10	43	6	35	21	6	6	11
Foreign-born white 10 years old and over	54,841	1,166	661	853	1,107	1,045	2,109	4,330	2,875	2,143	526	760	1,678
Number illiterate	4,995	20	31	49	178	12	120	477	177	418	6	33	951
Negro 10 years old and over	233	6	2	27	11	4	1	1	1	11	6	10	1
Number illiterate	18	1	1	5	1	1	1	1	1	1	1	1	1
Illiterate males of voting age	3,473	9	9	48	127	12	77	337	130	345	4	21	600
SCHOOL AGE AND ATTENDANCE													
Total number 6 to 20 years, inclusive	55,333	1,653	931	1,004	1,810	1,395	2,756	1,574	2,027	2,262	878	798	1,052
Number attending school	37,848	1,154	676	743	1,261	988	1,879	629	1,312	1,522	663	551	865
PERSONS 6 TO 14 YEARS, INCLUSIVE.													
Native white, number	30,539	803	523	555	1,020	811	1,599	711	1,043	1,182	459	474	653
Number attending school	27,382	826	464	487	941	736	1,428	411	904	1,048	423	436	638
Foreign-born white, number	1,556	28	10	9	43	18	70	181	134	54	9	23	67
Number attending school	1,302	23	10	8	38	17	65	122	112	48	8	18	04
Negro, number	53	1	1	5	1	1	1	1	1	2	2	2	1
Number attending school	48	1	1	4	1	1	1	1	1	2	2	2	1
DWELLINGS AND FAMILIES													
Dwellings, number	35,663	1,247	664	824	1,410	955	1,694	1,150	1,064	1,292	502	501	594
Families, number	38,367	1,322	693	877	1,405	1,030	1,780	1,260	1,247	1,370	506	519	634

SUBJECT.	Eveleth. ¹	Fairmont.	Fairbault.	Fergus Falls.	Hastings.	Hibbing.	Lake City.	Little Falls.	Luverne.	Morose.	Montevideo.	Moorhead.	New Ulm.	Northfield.
SEX, COLOR, AND NATIVITY														
Total population, 1910	7,036	2,958	9,001	6,887	3,983	8,892	3,142	6,078	2,540	2,591	3,056	4,840	5,848	3,265
1900	2,752	3,040	7,868	6,072	3,811	2,481	2,744	5,774	2,223	1,708	2,146	3,730	5,403	3,210
Male	4,333	1,518	4,316	3,404	2,158	5,761	1,526	3,047	1,207	1,451	1,680	2,539	2,733	1,505
Female	2,703	1,440	4,685	3,483	1,825	3,071	1,616	3,031	1,273	1,140	1,476	2,301	2,915	1,760
Native white—Native parentage	585	1,429	3,392	1,686	1,447	1,483	1,277	1,866	1,197	938	1,201	1,133	1,087	1,455
Native white—Foreign or mixed parentage	2,082	1,135	4,149	2,748	1,510	2,986	1,230	2,911	852	1,078	1,283	2,315	2,983	1,243
Foreign-born white	3,701	392	1,443	2,418	1,005	4,342	623	1,300	400	572	671	1,384	1,576	563
Negro	3	10	34	19	1	1	3	1	1	3	1	8	2	4
Indian, Chinese, and all other	5	1	1	1	2	20	1	1	1	1	1	1	1	1
MALES OF VOTING AGE														
Total number	2,827	866	2,429	2,375	1,503	4,145	1,011	1,473	803	889	951	1,508	1,479	982
Native white—Native parentage	151	375	710	459	388	574	325	362	328	205	207	284	85	367
Native white—Foreign or mixed par.	343	292	1,018	619	460	671	362	473	220	282	350	468	610	314
Foreign-born white	2,328	198	1,288	659	659	2,879	321	638	254	400	304	751	783	279
Naturalized	679	109	445	404	191	730	246	522	181	159	177	468	647	191
Negro	1	1	5	8	6	1	3	1	1	2	1	5	1	2
ILLITERACY														
Total number 10 years old and over	5,166	2,380	7,462	5,876	3,421	7,169	2,648	4,549	2,122	1,956	2,377	3,905	4,353	2,760
Number illiterate	359	8	805	387	138	332	14	172	8	189	25	9	163	32
Native white 10 years old and over	1,516	1,986	0,026	3,447	2,397	2,900	2,026	3,268	1,640	1,387	1,808	2,521	2,794	2,166
Number illiterate	9	2	609	74	30	7	2	44	1	7	10	4	15	3
Foreign-born white 10 years old and over	3,642	392	1,421	2,402	1,004	4,248	619	1,280	481	566	568	1,377	1,557	560
Number illiterate	350	6	194	311	97	325	12	128	7	182	15	5	148	29
Negro 10 years old and over	3	2	14	20	18	1	3	1	1	3	1	7	2	4
Number illiterate	2	2	2	2	1	1	1	1	1	1	1	1	1	1
Illiterate males of voting age	215	1	307	188	106	256	5	78	5	172	6	5	41	8
SCHOOL AGE AND ATTENDANCE														
Total number 6 to 20 years, inclusive	1,617	938	2,984	1,675	1,067	1,932	799	2,277	727	758	821	1,460	1,809	895
Number attending school	1,037	745	2,020	1,152	763	1,160	565	1,634	555	523	620	1,081	1,331	676
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number	863	537	1,020	885	620	888	425	1,363	372	462	506	824	1,151	384
Number attending school	784	517	1,308	795	500	842	407	1,260	353	442	486	790	1,004	443
Foreign-born white, number	145	1	31	23	3	136	10	47	11	8	7	12	28	5
Number attending school	121	1	25	19	3	128	10	43	10	7	5	12	26	4
Negro, number	1	1	3	6	4	1	1	1	1	1	1	1	1	1
Number attending school	1	1	1	5	4	1	1	1	1	1	1	1	1	1
DWELLINGS AND FAMILIES														
Dwellings, number	992	614	1,502	1,080	789	1,160	752	1,126	556	409	626	911	1,245	787
Families, number	1,190	633	1,645	1,168	811	1,404	784	1,165	575	454	674	1,000	1,306	815

¹ For changes in boundaries, etc., see page 629.

STATISTICS OF POPULATION.

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

SUBJECT.	Owa- tonna.	Red Wing.	Rich- field. ¹	Roch- ester.	St. Peter.	South St. Paul.	Staples.	Thief River Falls.	Two Har- bors.	Wa- basha.	Wa- seca.	West Minne- apolis.	West St. Paul.	Will- mar.
SEX, COLOR, AND NATIVITY														
Total population, 1910.....	5,658	9,048	2,673	7,844	4,176	4,510	2,558	3,714	4,990	2,622	3,054	3,022	2,660	4,185
1900.....	5,561	7,525		6,843	4,302	2,322	1,504	1,810	3,278	2,528	3,103	1,648	1,830	3,409
Male.....	2,729	4,037	1,972	3,672	2,019	2,548	1,272	1,928	3,044	1,363	1,518	1,803	1,384	2,111
Female.....	2,929	4,411	701	4,172	2,157	1,962	1,286	1,786	1,946	1,259	1,536	1,159	1,276	2,024
Native white—Native parentage.....	2,191	2,695	1,532	3,420	1,126	993	1,434	872	855	1,046	1,413	608	451	812
Native white—Foreign or mixed parentage.....	2,348	4,155	655	2,838	1,779	1,789	857	1,909	2,015	971	1,191	1,282	1,448	2,038
Foreign-born white.....	1,104	2,175	484	1,555	1,200	1,723	267	927	2,114	601	448	1,042	761	1,281
Negro.....	15	20	2	27	11	5		6		4	1			2
Indian, Chinese, and all other.....		3		4					6		1			2
MALES OF VOTING AGE														
Total number.....	1,497	2,766	1,551	2,476	1,423	1,509	679	1,100	2,001	838	963	1,224	668	1,232
Native white—Native parentage.....	446	610	900	926	295	253	327	180	340	179	422	248	82	174
Native white—Foreign or mixed par.....	530	994	213	788	488	315	219	414	392	278	332	325	227	424
Foreign-born white.....	520	1,153	348	747	635	934	133	505	1,265	379	208	651	359	631
Naturalized.....	400	676	250	375	254	423	98	369	466	194	169	309	300	434
Negro.....	1			11	5	5		1		2				2
ILLITERACY														
Total number 10 years old and over.....	4,489	7,550	2,379	6,659	3,650	3,489	1,948	2,760	3,958	2,194	2,487	2,444	1,994	3,255
Number illiterate.....	89	103	5	101	111	51	17	3	178	16	30	74	27	37
Native white 10 years old and over.....	3,390	5,379	1,803	5,082	2,385	1,853	1,684	1,841	1,881	1,592	2,037	1,426	1,251	1,990
Number illiterate.....	16	17	3	28	16	3	4	1	4	8	12	9	2	1
Foreign-born white 10 years old and over.....	1,089	2,150	484	1,550	1,257	1,631	264	916	2,071	599	448	1,018	743	1,261
Number illiterate.....	72	85	2	70	95	48	13	2	172	7	18	65	25	34
Negro 10 years old and over.....	10	18	2	23	8	5		3		3	1			2
Number illiterate.....	1	1		3						1				3
Illiterate males of voting age.....	28	33	2	58	41	18	5	1	101	7	7	44	6	10
SCHOOL AGE AND ATTENDANCE														
Total number 6 to 20 years, inclusive.....	1,727	2,818	563	1,625	952	1,417	865	1,141	1,365	820	804	815	973	1,249
Number attending school.....	1,303	1,803	351	1,224	682	774	603	859	948	516	599	539	620	932
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	1,021	1,458	279	1,038	512	729	523	694	763	459	463	408	573	696
Number attending school.....	969	1,206	261	922	460	567	449	640	677	367	438	387	525	641
Foreign-born white, number.....	31	51		17	7	117	2	21	78	6	1	40	26	46
Number attending school.....	30	40		14	6	79	2	17	65	1	1	36	21	38
Negro, number.....	12	5		2	4			3		1				
Number attending school.....	12	5		2	3			3		1				
DWELLINGS AND FAMILIES														
Dwellings, number.....	1,213	1,724	299	1,400	680	821	540	703	803	512	671	468	497	776
Families, number.....	1,273	1,916	336	1,499	703	863	544	750	878	530	697	533	529	899

¹ For changes in boundaries, etc., see page 629.

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

DULUTH.

SUBJECT.	THE CITY.	WARD.							
		1	2	3	4	5	6	7	8
SEX, COLOR, AND NATIVITY									
Total population, 1910.....	78,466	10,502	10,305	6,361	6,267	10,788	8,661	16,422	9,160
Male.....	44,866	4,863	5,112	3,412	3,938	7,705	5,077	9,584	5,175
Female.....	33,600	5,639	5,193	2,949	2,329	3,083	3,584	6,838	3,985
Native white—Native parentage.....	15,403	3,666	1,978	1,258	1,345	2,414	1,241	2,235	1,356
Native white—Foreign or mixed parentage.....	31,866	3,971	4,628	2,797	1,913	3,520	3,539	7,371	4,117
Foreign-born white.....	30,652	2,851	3,601	2,227	2,871	4,792	3,861	6,785	3,664
Negro.....	410	14	97	73	122	60	13	28	13
Indian and Chinese.....	55		1	6	16	12	7	3	10
FOREIGN-BORN WHITE: Born in—									
Austria.....	1,165	14	77	51	43	433	109	129	309
Belgium.....	141	2	2	1	1	4	2	128	1
Canada—French.....	1,423	98	42	56	91	180	253	530	173
Canada—Other.....	4,418	658	560	400	448	734	305	839	474
Denmark.....	405	38	48	15	28	54	51	89	82
England.....	961	188	139	90	97	225	63	88	71
Finland.....	2,772	81	108	68	1,095	352	259	385	424
Germany.....	2,595	196	731	360	122	222	123	659	182
Ireland.....	620	53	83	81	82	99	53	108	61
Italy.....	648	15	75	39	14	359	29	18	99
Norway.....	5,009	458	569	347	213	815	667	1,234	706
Russia.....	1,967	97	464	235	317	248	197	323	81
Scotland.....	554	127	78	47	73	96	41	59	33
Sweden.....	7,281	778	550	397	185	768	1,644	2,120	839
Other foreign countries.....	693	48	75	40	62	203	65	71	129
MALES OF VOTING AGE									
Total number.....	30,066	2,877	3,166	2,377	3,093	6,201	3,306	5,982	3,064
Native white—Native parentage.....	5,864	1,026	546	500	622	1,484	418	596	372
Native white—Foreign or mixed parentage.....	6,301	635	815	653	552	1,211	672	1,189	574
Foreign-born white.....	17,663	1,212	1,769	1,174	1,840	3,473	2,206	3,874	2,109
Naturalized.....	8,359	803	1,080	745	601	1,050	1,107	1,987	980
Negro.....	198	4	35	44	63	21	6	20	5
ILLITERACY AND SCHOOL ATTENDANCE									
Total number 10 years old and over.....	64,246	8,585	8,415	5,372	5,485	9,560	6,975	12,814	7,040
Number illiterate.....	1,720	55	171	116	106	421	249	269	333
Illiterate males of voting age.....	948	10	93	43	44	273	100	149	236
Total number 6 to 20 years, inclusive.....	20,615	3,070	2,919	1,543	1,182	2,002	2,414	4,647	2,833
Number attending school.....	13,016	2,016	1,920	987	613	1,134	1,527	2,945	1,874
DWELLINGS AND FAMILIES									
Dwellings, number.....	11,927	2,170	1,739	856	746	1,167	1,131	2,602	1,516
Families, number.....	14,736	2,285	2,212	1,170	1,159	1,449	1,594	3,141	1,726

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

Table with columns: SUBJECT, THE CITY, and WARDS 1-13. Rows include SEX, COLOR, AND NATIVITY; FOREIGN-BORN WHITE: Born in- (Austria, Canada, Denmark, etc.); MALES OF VOTING AGE; ILLITERACY AND SCHOOL ATTENDANCE; DWELLINGS AND FAMILIES.

ST. PAUL.

Table with columns: SUBJECT, THE CITY, and WARDS 1-12. Rows include SEX, COLOR, AND NATIVITY; FOREIGN-BORN WHITE: Born in- (Austria, Canada, Denmark, etc.); MALES OF VOTING AGE; ILLITERACY AND SCHOOL ATTENDANCE; DWELLINGS AND FAMILIES.

NOTES REGARDING CHANGES IN BOUNDARIES, ETC.

COUNTIES.

AITKIN.—Parts of Cass and Itasca annexed between 1870 and 1880.
 BELTRAMI.—Part taken to form Clearwater in 1903. (See also Note 1.)
 BIG STONE.—Part of Traverse annexed in 1876.
 CASS.—Part annexed to Aitkin between 1870 and 1880; part taken to form Hubbard in 1883; and parts annexed to Crow Wing and Hubbard between 1890 and 1900.
 CHIPPEWA.—Part annexed to Swift in 1870.
 CLEARWATER.—Organized from part of Beltrami in 1903. (See also Note 1.)
 COOK.—Organized from part of Lake in 1875.
 CROW WING.—Part of Cass annexed between 1890 and 1900.
 DAKOTA.—Part annexed to Ramsey in 1874.
 HUBBARD.—Organized from part of Cass in 1883 and part of Cass annexed between 1890 and 1900.
 ITASCA.—Part annexed to Aitkin between 1870 and 1880; part taken to form Koochiching in 1900. (See also Note 4.)
 KANDIYOHI.—Monongalia annexed in 1870.
 KITTSON.—Name changed from Pembina in 1878; parts taken to form Marshall in 1870 and Roseau in 1895.
 KOOCHICHING.—Organized from part of Itasca in 1900. (See also Note 4.)
 LAC QUI PARLE.—Organized from part of Redwood in 1871.
 LAKE.—Part taken to form Cook in 1875.
 LINCOLN.—Organized from part of Lyon in 1873.
 LYON.—Organized from part of Redwood in 1871; part taken to form Lincoln in 1873.
 MAHNOTOMEN.—Organized from that part of White Earth Indian Reservation in Norman County in 1900. (See also Note 5.)
 MARSHALL.—Organized from part of Kittson in 1879.
 MEEKER.—Part of Renville annexed in 1871.
 NORMAN.—Organized from part of Polk in 1881; part (formerly part of White Earth Indian Reservation) taken to form Mahnotomen in 1900. (See also Note 5.)
 OTTER TAIL.—Part of Wilkin annexed between 1870 and 1880.
 PENNINGTON.—Organized from part of Red Lake in 1910. (See also Note 6.)
 POLK.—Parts taken to form Norman in 1881 and Red Lake in 1897.
 RAMSEY.—Part of Dakota annexed in 1874.
 RED LAKE.—Organized from part of Polk in 1897; part taken to form Pennington in 1910. (See also Note 6.)
 REDWOOD.—Parts taken to form Lac qui Parle and Lyon in 1871 and Yellow Medicine in 1872.
 RENVILLE.—Part annexed to Meeker in 1871.
 ROSEAU.—Organized from part of Kittson in 1895.
 SWIFT.—Parts of Chippewa and old Lac qui Parle annexed in 1870.
 TRAVERSE.—Part annexed to Big Stone in 1876.

WILKIN.—Part annexed to Otter Tail between 1870 and 1880.
 YELLOW MEDICINE.—Organized from part of Redwood in 1872.

NOTE 1.—*Beltrami and Clearwater Counties combined.*—Total population: 1910, 26,207; 1900, including estimated population (317) of part of White Earth Indian Reservation, 11,347; increase, 1900-1910, 14,860; per cent of increase, 131. Urban population—1910, 5,099; same places in 1900, 2,183; per cent of increase, 133.6. Rural population—1910, 21,108; same territory in 1900, including estimated population (317) of part of White Earth Indian Reservation, 9,164; per cent of increase, 130.3. Rural population—1900, including estimated population (317) of part of White Earth Indian Reservation, 11,347. Per cent in places of 2,500 or more in 1910, 19.5.

NOTE 2.—Population of Becker County and estimated population (1,514) of that part of White Earth Indian Reservation now in Becker County—1900, 15,889; increase, 1900-1910, 2,951; per cent of increase, 18.6. Rural population—1910, 10,033; same territory in 1900, 15,889; per cent of increase, 1900-1910, 0.9. Rural population—1900, 15,889.

NOTE 3.—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: Beltrami, 1,513; Carlton, 367; Cass, 2,881; Cook, 108; Itasca, 672; St. Louis, 881.

NOTE 4.—*Itasca and Koochiching Counties combined.*—Total population: 1910, 23,639; 1900, 4,573; increase, 1900-1910, 19,066; per cent of increase, 416.9. Rural population—1910, 23,639; same territory in 1900, 4,573; per cent of increase, 416.9. Rural population—1900, 4,573.

NOTE 5.—*Mahnomen and Norman Counties combined.*—Total population: 1910, 16,695; 1900, including estimated population (1,655) of part of White Earth Indian Reservation, 16,700; decrease, 1900-1910, 5; per cent of decrease, less than one-tenth of 1 per cent. Rural population—1910, 16,695; same territory in 1900, including estimated population (1,655) of part of White Earth Indian Reservation, 16,700; per cent of decrease, less than one-tenth of 1 per cent. Rural population—1900, including estimated population (1,655) of part of White Earth Indian Reservation, 16,700.

NOTE 6.—*Pennington and Red Lake Counties combined.*—Total population: 1910, 15,940; 1900, 12,195; increase, 1900-1910, 3,745; per cent of increase, 30.7. Urban population—1910, 3,714; same places in 1900, 1,819; per cent of increase, 104.2. Rural population—1910, 12,226; same territory in 1900, 10,376; per cent of increase, 17.8. Rural population—1900, 12,195. Per cent in places of 2,500 or more in 1910, 23.3.

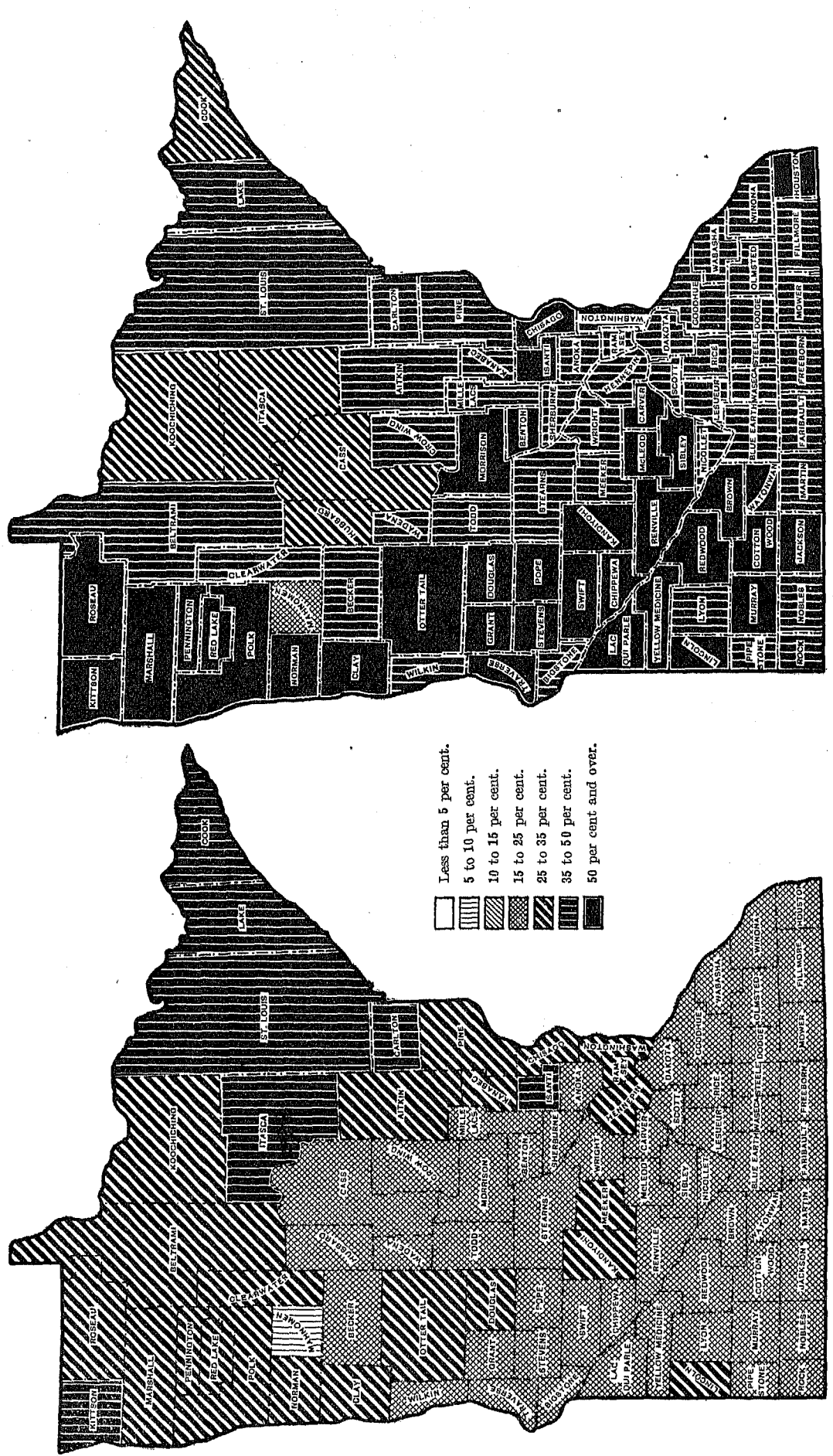
INCORPORATED PLACES.

CHISHOLM.—Incorporated in 1901.
 CLOQUET.—Part of Knife Falls township annexed in 1904.
 DETROIT.—Incorporated in 1903.
 DULUTH.—Oneota township and Fond du Lac, Lakeside, and West Duluth villages annexed between 1890 and 1900.
 EVELETH.—Parts of Fayal and Missabe Mountain townships annexed in 1910.
 RICHFIELD.—Incorporated in 1908.
 ST. CLOUD.—Parts annexed to Haven township, Sherburne County, and St. Cloud township, Stearns County, in 1908.

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

PER CENT OF FOREIGN-BORN WHITE IN TOTAL
POPULATION.

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



CHAPTER 3.

STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents a complete statement of the statistics of agriculture for Minnesota 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 the 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. Once 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 tilled 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 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 are 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.

FARMS AND FARM PROPERTY.

Minnesota ranks thirteenth in land area and nineteenth in population among the states and territories of continental United States. All of the southern portion of Minnesota, except the driftless area of the extreme southeastern counties, consists of a heavily glaciated plateau which rises from a general altitude of approximately 1,000 feet along the Mississippi River to altitudes of 1,200 feet in the east central part of the state and to a height of 1,700 feet in the elevated "coteau des prairies" which extends through the southwestern counties and into the Dakotas. The extreme northeastern portion of the state, north of Lake Superior, consists of the low remains of mountain chains which rise to altitudes of 1,500 and 2,000 feet. The more northern portion of the western border of the state lies in the trough of the valley of the Red River of the North and has an elevation ranging from 1,100 feet above sea level to a minimum altitude of approximately 950 feet, where the valley crosses the Canadian border.

The soils of the driftless area, occupying the southeastern counties along the Mississippi River, are pre-vaillingly soft, silty loams. Those of the river terraces are usually dark loams, sandy loams, and gravelly loams, well drained and fertile. The soils of the rolling plateau of the southern and southwestern portions of the state are about equally divided between the brown and black silt loams of the prairies and the dark-colored somewhat stony loams of the glaciated and timbered regions. All are excellent general farming soils where properly drained. The north central and northeastern portions of the state are occupied by sandy and gravelly out-wash soils which are not infrequently too porous to permit of the production of the staple crops and which are either timbered or brush-grown. These are interspersed with innumerable lakes, ponds, and swamps and relieved by low, stony ridges or by rocky elevations thinly covered with soil of any description. Around the immediate border of the extremity of Lake Superior there are considerable areas of red clays and clay loams which are becoming occupied for general farming, dairying, and production of vegetable crops. Considerable areas of soil suited to special crop production remain unoccupied in the more northern areas. Buckwheat, rye, potatoes, and timothy and clover should constitute the crops employed in the subjugation and utilization of these lands. Thousands of acres of undrained land await improvement and profitable occupation. The entire Red River Valley region consists of an almost absolutely level central portion and of a rolling margin. The lower lying valley soils are brown to black clay loams and clays, fre-

quently poorly drained but occupied for spring wheat growing upon all of the more elevated and better drained portions. Upon the more loamy or sandy marginal soils buckwheat, potatoes, and some corn are produced. The level character of the valley soils and their great fertility have led to the extensive production of spring wheat as the dominant staple. The growing of barley and of oats is being increased in area as the yields of wheat have become somewhat less from nearly 30 years of almost continuous wheat raising. The southern and western portions of the state are extensively used for general crop production.

The two maps on the opposite page show for the different counties the proportion of the total land area which is in farms and the average value of farm land per acre. Over one-half of the entire land area of the state is in farms, the proportion of farm land showing a gradual increase from the northern to the southern part of the state. The northeastern part of the state is made up of counties each having less than 20 per cent of its land area in farms, while in the extreme southern part of the state is a belt of counties each of which has 80 to 90 per cent or 90 to 95 per cent of its total land area in farms. Two of the counties in the southern part have from 95 to 100 per cent of their total area in farm land. The average value of farm land per acre for the whole state is \$36.82, and, as shown by the second map, the average falls between \$10 and \$25 in most counties of the northern half of the state, and between \$25 and \$50 in most of the counties of the southern half of the state and in all but two of the counties that form the extreme western border of the state. In the southern part of the state are 10 counties in each of which the average is from \$50 to \$75 per acre. In Ramsey County, in which is located the city of St. Paul, the average value of farm land per acre is from \$100 to \$125. Hennepin County, adjoining Ramsey and in which Minneapolis is located, shows an average of from \$75 to \$100 per acre.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there was an increase of 324,314, or 18.5 per cent, in the population of the state, while the number of farms increased only 1,478, or 1 per cent. The land in farms increased 1,427,325 acres, or 5.4 per cent, while the improved land in farms increased 1,200,948 acres, or 6.5 per cent. The average size of farms increased from 169.7 to 177.3 acres.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased in value during the decade \$687,727,000, or 87.2 per cent.

This great increase is chiefly made up of increases of \$459,800,000 in the value of land and \$133,119,000 in the value of buildings. There is also an increase of \$94,808,000 in the value of farm equipment, which includes implements and machinery and live stock, of which more than three-fourths represents a gain in the value of live stock, and the remainder 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 farm with its equipment in 1900 was \$5,100, while 10 years later it was \$9,456. The average value of land rose from \$21.31 per acre in 1900 to \$36.82 in 1910, this advance being accompanied by increases in the average value per farm of buildings, implements and machinery, and live stock.

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

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE.	
			Amount.	Per cent.
Population.....	2,075,708	1,751,394	324,314	18.5
Number of all farms.....	156,137	154,659	1,478	1.0
Approximate land area of the state.....acres..	51,749,120	51,749,120		
Land in farms.....acres..	27,675,823	26,248,498	1,427,325	5.4
Improved land in farms.....acres..	19,643,533	18,442,585	1,200,948	6.5
Average acres per farm.....	177.3	169.7	7.6	4.5
Value of farm property:				
Total.....	\$1,476,411,737	\$788,684,642	\$687,727,095	87.2
Land.....	1,019,102,027	559,301,900	459,800,127	82.2
Buildings.....	243,339,399	110,220,415	133,118,984	120.8
Implements and machinery.....	52,329,165	30,099,230	22,229,935	73.9
Domestic animals, poultry, and bees.....	161,641,146	89,063,097	72,578,049	81.5
Average value of all property per farm.....	\$9,456	\$5,100	\$4,356	85.4
Average value of land per acre.....	\$36.82	\$21.31	\$15.51	72.8

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

CENSUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- proved.
		Num- ber.	Per cent of increase.	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease.			
1910.....	2,075,708	156,137	1.0	27,675,823	5.4	19,643,533	53.5	71.0
1900.....	1,751,394	154,659	32.4	26,248,498	40.6	18,442,585	50.7	70.3
1890.....	1,310,283	116,851	26.5	18,063,645	30.2	11,127,953	36.1	59.6
1880.....	780,773	92,386	98.7	13,403,019	106.7	7,246,693	25.9	64.1
1870.....	439,706	46,500	155.8	6,483,828	139.1	2,322,102	12.5	35.8
1860.....	172,023	18,181	11,480.3	2,711,968	9,290.1	556,250	5.2	20.5
1850.....	6,077	157		28,881		5,035	0.1	17.4

In 1850 Minnesota was a frontier territory for which the census reported only 6,077 inhabitants and 157 farms. Naturally the succeeding censuses showed large increases in the number of farms as well as in population. The greatest increase in the number of farms took place in the decade 1870 to 1880, the increase for that decade being 45,886. This was followed by an increase of 24,465 in the next 10 years

and of 37,808 in the decade 1890 to 1900. But by 1900 the period of rapid increase of farms apparently had come to an end, the last 10 years, 1900 to 1910, showing an increase of only 1,478. In fact, in many of the southern and southwestern counties the number of farms decreased between 1900 and 1910, but this decrease was a little more than counterbalanced by the increase in the rest of the state.

The land surface of Minnesota is approximately 51,749,120 acres in extent. Of this area 27,675,823 acres, or 53.5 per cent, are included in farms. Of the farm acreage 19,643,533 acres, or 71 per cent, are reported as improved land, representing 38 per cent of the total land area of the state. The total acreage of farm land increased 5.4 per cent during the last decade. The reported acreage of improved land shows a greater relative increase from 1900 to 1910 than does the total acreage in farms, the percentage of farm land which is improved being a little greater at the census of 1910 than in 1900.

For the longer period covered by the table a very rapid increase from 1850 to 1900 in the total farm acreage and in the acreage of improved land is shown. The proportion of the total land area of the state which was occupied by farms rose during this period, 1850 to 1900, from 0.1 per cent to 50.7 per cent, while the improved land increased from 17.4 to 70.3 per cent of the total land in farms. During the past decade, 1900 to 1910, the increase has been very slow in comparison.

Values of farm property: 1850 to 1910.—The agricultural changes in Minnesota since 1850, as reflected in

the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$1,476,411,737	87.2	\$1,262,441,426	88.6	\$52,329,165	78.9	\$161,641,146	81.5
1900.....	788,684,642	90.2	669,522,315	96.9	30,099,230	77.9	89,063,097	54.3
1890.....	414,701,626	73.7	340,059,470	75.5	16,916,473	29.2	57,725,683	80.9
1880.....	238,718,804	139.3	193,724,260	147.5	13,089,783	143.4	31,904,821	98.2
1870 ¹	99,749,922	210.1	78,277,954	184.6	5,376,895	428.1	16,095,073	341.8
1860.....	32,166,946	11,779.0	27,505,922	16,884.6	1,018,183	6,271.2	3,042,841	3,822.9
1850.....	270,788	.....	161,948	.....	15,981	.....	92,859	.....

¹ Computed gold values, being 80 per cent of the currency values reported.

The total wealth in the form of farm property is over \$1,476,000,000, of which 85.5 per cent is represented by land and buildings, 3.5 per cent by implements and machinery, and 10.9 per cent by live stock. The percentage gain (87.2 per cent) in the total value of farm property from 1900 to 1910 was less than during any preceding decade except that which ended in 1890, but the absolute increase was almost as great as that during the preceding half century. The high percentages of increase in the early decades are based on comparatively small absolute figures and were the natural result of the rapid development of a new state. In value of domestic animals the per cent of increase from 1900 to 1910 was higher than for either of the two preceding decades.

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

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	177.3	\$9,456	\$3,085	\$335	\$1,035	\$45.62
1900.....	169.7	5,100	4,329	195	576	25.51
1890.....	159.7	3,549	2,910	145	494	18.22
1880.....	145.1	2,584	2,097	142	345	14.45
1870 ¹	139.4	2,145	1,683	116	346	12.07
1860.....	140.2	1,769	1,513	56	200	10.14
1850.....	183.9	1,725	1,032	102	591	5.61

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

In average size the Minnesota farm decreased from 183.9 acres in 1850 to 139.4 in 1870, but since that time it has continuously increased until in 1910 it was 177.3.

The average value of a Minnesota farm, including its equipment, has grown during the last decade from \$5,100 to \$9,456. Of this \$9,456, about \$8,100 represents the value of land and buildings, over \$1,000 the value of live stock, and \$335 the value of implements and machinery. The average value per acre

of land and buildings is nearly twice as great as in 1900. It increased more in the last decade than in the preceding half century.

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.....	156,137	154,659	116,851	92,886
Farms operated by owners and managers.....	123,326	127,904	101,747	83,933
Farms consisting of owned land only.....	99,493	112,004	(¹)	(¹)
Farms consisting of owned and hired land.....	22,611	14,805	(¹)	(¹)
Farms operated by managers.....	1,222	1,095	(¹)	(¹)
Farms operated by tenants.....	32,811	26,755	15,104	8,453
Share tenants.....	18,471	21,626	11,683	7,202
Share-cash tenants ²	3,774			
Cash tenants.....	7,918	5,129	3,421	1,251
Tenure not specified ³	2,648			
Per cent of farms operated by—				
Owners and managers.....	79.0	82.7	87.1	90.9
Tenants.....	21.0	17.3	12.9	9.1
Share and share-cash.....	14.2	14.0	10.0	7.8
Cash and nonspecified.....	6.8	3.3	2.9	1.4

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

It is significant that while there was an increase of 1,478 in the total number of farms during the last decade, the number operated by owners and managers decreased 4,578, and the number operated by tenants increased 6,056.

In 1880, 9 out of every 100 farms were operated by tenants. This proportion increased during the following 30 years until, in 1910, 21 out of every 100 farms are thus operated. The increase in the number of tenant farms appears both in those operated by share and share-cash tenants and in those operated by cash and nonspecified tenants, but the increase in the latter has been relatively much more marked. In 1880 share tenancy was more than five and one-half times as frequent as cash tenancy, but in 1910 it was little more than twice as frequent.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	27,875,823	26,248,498	19,043,533	18,442,585	\$1,202,441,426	\$869,522,315
Owners.....	20,608,885	20,893,966	14,153,505	14,357,865	920,359,347	519,971,545
Managers.....	413,734	486,147	285,241	293,012	20,909,251	11,703,470
Tenants.....	6,853,204	4,868,385	5,204,787	3,791,708	321,172,828	137,847,300

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

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	78.2	82.0	74.7	79.6	72.1	77.8	72.9	77.7
Managers.....	0.8	0.7	1.5	1.9	1.5	1.6	1.7	1.7
Tenants.....	21.0	17.3	23.8	18.5	26.5	20.6	25.4	20.6

It will be seen that, in 1910, 74.7 per cent of all land in farms was in farms operated by their owners (including part owners), 1.5 per cent in farms operated by managers, and 23.8 per cent in farms operated by tenants, the percentage for tenants being higher and that for owners and for managers lower than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (338.6 acres) was much greater than that of farms operated by tenants (200.9 acres), which was in turn larger than that of farms operated by owners (169.3 acres). The average size of farms operated by owners and by tenants increased between 1900 and 1910, while that of farms operated by managers decreased. In 1910 the percentage of farm land improved was highest for the tenant farms and lowest for farms operated by owners.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED	AVERAGE VALUE OF LAND AND BUILDINGS.				
	All land.		Improved land.			Per farm.		Per acre.		
	1910	1900	1910	1900		1910	1900	1910	1900	
Total.....	177.3	169.7	125.8	119.2	71.0	70.3	\$8,085	\$4,329	\$45.62	\$25.51
Owners.....	169.3	164.8	115.9	113.2	68.5	68.7	7,538	4,100	44.53	24.89
Managers.....	338.6	444.0	233.4	207.6	68.0	60.3	17,111	10,688	50.54	24.07
Tenants.....	200.9	182.0	158.6	141.7	78.9	77.9	9,789	5,152	48.71	28.31

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. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	122,104	.....	125,405	.....	99,911	.....
Free from mortgage.....	65,038	53.7	60,922	55.2	53,564	53.6
Mortgaged.....	56,145	46.3	54,338	44.8	46,347	46.4
Unknown.....	921	.....	4,145	.....	.....	.....

¹ Includes all farms owned in whole or in part by the operator.
² The 2,138 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 122,104. Of this number 65,038 were reported as free from mortgage; 56,145 were reported as mortgaged; and for 921 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 46.3 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is about the same as it was in 1900 and in 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 there has been a considerable net increase in the number of farms, both mortgaged and free of mortgage.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 56,145 farms reported as mortgaged, 42,951 are wholly owned by the farmers, and for 41,775 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average

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

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	41,775	46,347		
Value—Land and buildings.....	\$205,015,775	\$119,290,839		
Amount of mortgage debt.....	\$77,866,283	\$37,709,874		
Per cent of debt to value.....	26.4	31.6		
Average value per farm.....	\$7,062	\$2,574	\$4,488	174.4
Average debt per farm.....	\$1,864	\$814	\$1,050	129.0
Average equity per farm.....	\$5,198	\$1,760	\$3,438	195.3

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

The average debt of mortgaged farms increased in the 20 years from \$814 to \$1,864, or 129 per cent, while the average value of such farms rose from \$2,574 to \$7,062, or 174.4 per cent. Thus the owner's equity increased from \$1,760 to \$5,198, or 195.3 per cent. As a result of the greater relative increase in farm value than in farm debt the mortgage indebtedness, which was 31.6 per cent of the value of the mortgaged farms in 1890, had decreased to 26.4 per cent of that value in 1910.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	156,137	154,659	1,478	1.0	100.0	100.0
Under 3 acres.....	294	555	-261	-47.0	0.2	0.4
3 to 9 acres.....	2,555	1,994	561	28.1	1.6	1.3
10 to 19 acres.....	2,770	2,254	516	22.9	1.8	1.5
20 to 49 acres.....	12,028	13,278	-1,250	-9.4	7.7	8.6
50 to 99 acres.....	26,571	30,990	-4,419	-14.3	17.0	20.0
100 to 174 acres.....	55,424	56,785	-1,361	-2.4	35.5	36.7
175 to 259 acres.....	27,972	24,933	3,039	12.2	17.9	16.1
260 to 499 acres.....	24,864	20,540	4,324	21.1	15.9	13.3
500 to 999 acres.....	3,359	2,965	394	13.3	2.2	1.9
1,000 acres and over....	300	865	-565	-17.8	0.2	0.2

¹ A minus sign (—) denotes decrease.

More than 70 per cent of the farms in Minnesota are at least 100 acres in size. The largest group shown in the table is that composed of farms from 100 to 174 acres and it contains more than one-third of the farms. The next largest group is that containing farms from 175 to 259 acres. More than half of the farms are in these two groups from 100 to 259 acres. Only about 11 per cent of the farms are less than 50 acres in size and those under 20 acres are very uncommon, forming only about 4 per cent of the total.

The largest numerical increase in any class of farms was exhibited by those from 260 to 499 acres in size. They increased 4,324, or 21.1 per cent. The next largest increase, 3,039, was in farms from 175 to 259 acres. Farms from 20 to 174 acres decreased, as did the very large farms, 1,000 acres and over, and the very small places, under 3 acres. This latter decrease 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.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 5,619), and also the farms of between 175 and 499 acres (numbering 52,836):

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.....	27,075,823	26,248,498	19,643,533	18,442,585	\$1,262,441,426	\$669,522,315
Under 20.....	49,878	43,331	39,373	33,182	14,224,838	6,211,740
20 to 49.....	435,963	494,528	244,221	276,950	28,966,718	17,148,590
50 to 99.....	2,055,944	2,316,708	1,258,358	1,417,107	106,823,204	69,055,390
100 to 174.....	8,031,778	8,508,727	5,245,521	5,642,612	355,727,207	208,328,625
175 to 499.....	14,515,821	12,375,525	10,910,810	9,302,568	653,616,766	313,885,740
500 to 999.....	2,118,081	1,871,977	1,617,491	1,382,588	85,672,938	42,047,170
1,000 and over.....	468,358	637,702	327,759	387,572	17,409,755	11,945,120

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.....	3.6	3.1	0.2	0.2	0.2	0.2	1.1	0.9
20 to 49 acres.....	7.7	8.6	1.6	1.9	1.2	1.5	2.3	2.6
50 to 99 acres.....	17.0	20.0	7.4	8.8	6.4	7.7	8.5	10.4
100 to 174 acres.....	35.5	36.7	29.0	32.4	26.7	30.6	28.2	31.1
175 to 499 acres.....	33.8	29.4	52.4	47.1	55.5	50.4	51.8	46.9
500 to 999 acres.....	2.2	1.9	7.7	7.1	8.2	7.5	6.8	6.3
1,000 acres and over....	0.2	0.2	1.7	2.4	1.7	2.1	1.4	1.8

Of the total farm acreage of the state in 1910, 52.4 per cent was in farms of 175 to 499 acres, and 29 per cent in farms of 100 to 174 acres, these two size groups comprising more than four-fifths of the aggregate acreage. Between 1900 and 1910 the proportion of the total acreage in farms of under 20 acres remained the same, while there was a decrease in the proportion in farms of 20 to 174 acres and in those of 1,000 acres and over, and an increase in the proportion in those of 175 to 999 acres.

As shown by the next table, while the proportion of improved land is highest for the farms of under 20 acres, it generally increases with the increase in the size of the farms, this rather unusual condition being due to the fact that the large farms are for the most part located in the western part of the state, which consists of prairie land, while the majority of the small farms are located in the rugged eastern sections. Owing to the fact that buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land generally diminishes with the increase in the size of the farms; it is very much higher for the farms under 20 acres in size than for those in any other size group.

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.....	71.0	70.3	\$8,085	\$4,329	\$45.62	\$25.51
Under 20 acres.....	78.9	76.6	2,532	1,293	285.10	143.36
20 to 49 acres.....	59.0	59.0	2,408	1,292	66.44	34.68
50 to 99 acres.....	61.2	61.2	4,020	2,257	51.96	30.20
100 to 174 acres.....	65.3	66.3	6,418	3,069	44.29	24.48
175 to 499 acres.....	75.2	75.2	12,371	6,903	45.03	25.36
500 to 999 acres.....	76.4	73.9	25,505	14,181	40.45	22.46
1,000 acres and over.....	70.0	60.8	58,083	32,726	37.17	18.73

Color and nativity of farmers: 1910.—Nearly one-half of the Minnesota farmers were native whites, while over one-half were foreign-born whites. Only 293, or two-tenths of 1 per cent of all farmers, were nonwhite, 264 being Indians and 29 negroes. It was significant that only 13.9 per cent of the foreign-born white farmers were tenants, while 28.7 per cent of the native white farmers were in this class.

Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concern-

ing 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.....	156,137	100.0	122,104	32,811	1,222	78.2	21.0	0.8
Native white.....	74,710	47.9	52,427	21,446	837	70.2	28.7	1.1
Foreign-born white	81,134	52.0	69,483	11,268	383	85.6	13.9	0.5
Negro and other nonwhite.....	293	0.2	194	97	2	66.2	33.1	0.7

Of the 81,134 foreign-born white farmers in Minnesota in 1910, 22,011 were born in Germany; 19,760 in Sweden; 19,206 in Norway; 3,583 in Canada; 3,432 in Denmark; and 3,385 in Austria. Other European countries were represented by 9,649 farmers and non-European countries, other than Canada, by 108.

DOMESTIC ANIMALS, POULTRY, AND BEES.

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

The total of live stock on farms, including domestic animals, poultry and bees in 1910 was \$161,641,000, of which domestic animals contributed \$156,772,000. The value of cattle represented 31.1 per cent of the total value of live stock; that of horses and mules, 55.6 per cent; that of swine, 8.6 per cent; that of sheep and lambs, 1.7 per cent; and that of poultry, 2.9 per cent, the other classes being insignificant.

Of the total number of farms enumerated, 151,531, or 97.1 per cent, report domestic animals of some kind, the number without any domestic animals being only 4,606.

Of all the farms in the state, 94 per cent report cattle of some sort, 93.2 per cent, "dairy cows," and only 38 per cent, "other cows." Only 1,119 farms have cattle without having dairy cows. The total number of cows increased nearly 60 per cent during the decade, while the average value of dairy cows increased from \$28.55 to \$30.66. The farms reporting dairy cows show an average of over 7 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 calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 566,000 to 374,000, and the average value decreasing from \$7.52 to \$5.23.

Horses are reported by 91.5 per cent of all the farms in the state, but only 7.8 per cent report colts born in 1910 and 28.8 per cent report yearling colts. The average value of spring colts is about one-fourth, and that of yearlings slightly less than one-half that of mature horses, which is \$125.50.

Less than one farm out of every fifty reports mules and mule colts. The average values of mules of the different age groups are somewhat higher than for horses of the corresponding age groups.

Sheep and lambs are reported from 24,565 farms, or 15.7 per cent of all the farms in the state. Of these farms, 62.4 per cent report spring lambs, the number of the latter being equal to 44.4 per cent of the number of ewes; this comparatively small proportion is doubtless due to the early date of enumeration. Ewes are reported from all but 697 of the farms reporting sheep, and for the farms reporting, the average is over 17 ewes per farm. The farms reporting rams and wethers show an average of about 4 per farm.

Of all farms, 69.6 per cent report swine, the average number being 14 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is nearly \$15, while that of spring pigs is about one-sixth as much.

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

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent. of all farms.	Number.	Value.	Average value.
Total.....	151,531	97.1	.....	\$156,771,855	.....
Cattle	146,703	94.0	2,347,435	50,306,372	\$21.43
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	145,584	93.2	1,085,338	33,276,653	30.66
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	59,312	38.0	218,948	4,616,179	21.08
Heifers born in 1909.....	101,733	65.2	323,948	3,842,647	11.86
Calves born after Jan. 1, 1910.....	103,983	66.6	373,537	1,952,261	5.23
Steers and bulls born in 1909.....	66,029	42.3	207,569	2,706,374	13.04
Steers and bulls born before Jan. 1, 1909.....	47,880	30.7	138,045	3,912,258	28.34
Horses	142,846	91.5	753,184	89,068,872	118.26
Mares, stallions, and geldings born before Jan. 1, 1909.....	142,511	91.3	675,509	84,779,112	125.50
Colts born in 1909.....	45,010	28.8	63,069	3,840,249	60.89
Colts born after Jan. 1, 1910.....	12,148	7.8	14,606	449,511	30.78
Mules	2,813	1.8	5,775	732,723	126.88
Mules born before Jan. 1, 1909.....	2,530	1.6	5,213	697,451	133.79
Mule colts born in 1909.....	328	0.2	444	31,077	69.99
Mule colts born after Jan. 1, 1910.....	101	0.1	118	4,195	35.55
Asses and burros	144	0.1	219	22,857	104.37
Swine	108,609	69.6	1,520,257	13,929,127	9.16
Hogs and pigs born before Jan. 1, 1910.....	104,212	66.7	833,970	12,277,431	14.72
Pigs born after Jan. 1, 1910.....	48,980	31.3	686,287	1,651,696	2.41
Sheep	24,585	15.7	637,582	2,693,424	4.22
Ewes born before Jan. 1, 1910.....	23,808	15.3	417,052	2,190,295	5.24
Rams and wethers born before Jan. 1, 1910.....	9,262	5.9	34,419	193,642	5.63
Lambs born after Jan. 1, 1910.....	15,317	9.8	185,511	809,487	1.67
Goats	784	0.5	4,588	18,480	4.03

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Percent of all farms.			
Total	142,659	91.4	10,697,075	\$4,646,960	8,142,693
Chickens.....	142,581	91.3	10,293,845	4,281,719	7,730,940
Turkeys.....	31,760	20.3	147,335	224,096	198,143
Ducks.....	23,092	15.2	94,299	55,822	127,635
Geese.....	27,865	17.8	105,155	122,576	90,975
Guinea fowls.....	2,673	1.7	10,927	4,541	(1)
Pigeons.....	2,432	1.6	45,266	7,862	(2)
All other.....	107	0.1	280	844	(2)

¹ Included with chickens.

² Not reported.

³ 105 farms report 268 peafowls, valued at \$314; 1 farm reports 6 wild geese, valued at \$20; and 1 farm reports 6 pheasants, valued at \$10.

The increase in the number of fowls on Minnesota farms during the last 10 years amounts to 31.4 per cent. During the same period, the value increased from \$2,275,000 to \$4,647,000, or 104.3 per cent. The number of farms reporting poultry increased from 136,623 to 142,659, and the average number of fowls per farm reporting from 60 to 75. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has increased from 6,078 in 1900 to 9,522 in 1910, or 56.7 per cent. The number of colonies of bees increased from 45,877 to 56,677, or 23.5 per cent, and their value increased from \$167,280 to \$221,781, or 32.6 per cent. The average value of bees per farm reporting was \$27.52 in 1900 and \$23.29 in 1910. About six farms in every one hundred report 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.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total	50,412	.....	\$12,862,351	.....
All cattle.....	29,673	53,946	1,721,245	\$31.91
Dairy cows.....	29,259	40,979	1,530,365	37.35
Horses.....	33,212	83,654	10,809,499	129.22
Mules.....	301	1,017	172,823	169.93
Asses and burros.....	68	100	20,608	206.08
Swine.....	2,490	10,365	125,603	12.12
Sheep.....	216	2,162	10,497	4.86
Goats.....	176	373	2,076	5.57

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, nearly four-fifths 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.
Total.....	.....	\$169,634,206	.....	\$158,771,855	.....	\$12,862,351
All cattle.....	2,401,381	52,027,617	2,347,435	50,306,372	53,946	1,721,245
Dairy cows.....	1,126,367	34,807,018	1,085,338	33,276,653	40,979	1,530,365
Horses.....	836,838	99,878,371	753,184	89,068,872	83,654	10,809,499
Mules.....	6,792	905,546	5,775	732,723	1,017	172,823
Asses and burros.....	319	43,465	219	22,857	100	20,608
Swine.....	1,530,622	14,054,730	1,520,257	13,929,127	10,365	125,603
Sheep.....	639,744	2,703,921	637,582	2,693,424	2,162	10,497
Goats.....	4,961	20,558	4,588	18,480	373	2,076

The total value of all domestic animals in the state in 1910 was \$169,634,000, of which the value of animals not on farms represented 7.6 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 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.....	145,584	93.2	1,085,388	Head	.....	.....
On farms reporting dairy products in 1909.....	133,877	85.7	1,035,290	Head	.....	.....
On farms reporting milk produced in 1909.....	96,413	61.8	725,907	Head	.....	.....
Specified dairy products, 1909:						
Milk reported.....			273,319,603	Gals	.....	.....
Butter made.....	85,001	54.4	34,708,609	Lbs	\$8,593,233	\$0.25
Cheese made.....	354	0.2	106,075	Lbs	14,375	0.14
Milk sold.....	15,632	10.0	53,181,785	Gals	6,146,512	0.12
Cream sold.....	17,191	11.0	5,756,105	Gals	3,542,993	0.62
Butter fat sold.....	48,058	31.2	40,414,151	Lbs	10,922,293	0.27
Butter sold.....	43,577	27.9	18,010,409	Lbs	4,591,554	0.25
Cheese sold.....	113	0.1	79,045	Lbs	10,870	0.14
Total receipts from sales, 1909.....					25,214,222	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					29,219,406	.....
Specified dairy products, 1899:						
Butter made.....	102,896	66.5	41,188,846	Lbs	.....	.....
Cheese made.....	973	0.6	290,023	Lbs	.....	.....
Butter sold.....			22,376,084	Lbs	3,500,323	0.16
Cheese sold.....			227,878	Lbs	22,745	0.10

The number of farms reporting dairy cows on April 15, 1910, was 145,584, but only 133,877 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 96,413 (considerably less than the

total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 726,000. The amount of milk reported was 273,320,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 377 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$29,219,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Only about one-fifth of the milk reported by Minnesota farmers in 1909 was sold as such. Comparatively large quantities of milk and cream were sold on the butter fat basis. The butter made on farms in 1909 was valued at \$8,593,000.

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 next table gives statistics as to the production of wool on farms, the figures being partly based on estimates.¹

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 7,644 farmers who reported the possession of 88,568 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 total number of sheep of shearing age in Minnesota on April 15, 1910, was 452,000, representing an increase of 25.8 per cent as compared with the number on June 1, 1900 (359,000). The approximate production of wool during 1909 was 454,000 fleeces, weighing 3,259,000 pounds, and valued at \$817,000. Of these totals about 15 per cent represents estimates. The number of fleeces produced in 1909 was 20.6 per cent greater than in 1899. The average weight per fleece in 1909 was 7.2 pounds, as compared with 6.9 pounds in 1899, and the average value per pound was 25 cents, as compared with 18 cents in 1899.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	24,482	452,071			
Wool produced, as reported, 1909.....	17,710		387,509	2,775,947	\$693,971
On farms reporting sheep April 15, 1910.....	16,838	363,503	364,719	2,620,736	656,829
On other farms.....	872		22,880	155,211	37,142
Total production of wool (partly estimated):					
1909.....			453,583	3,259,282	816,866
1899.....			376,009	2,612,737	460,305
Increase, 1899 to 1909.....			77,574	646,545	356,561
Per cent of increase.....			20.6	24.7	77.5

Goat hair and mohair: 1909 and 1899.—Although 784 farmers reported 4,588 goats and kids on their farms April 15, 1910, only 131 reported the production of goat hair or mohair during 1909. These farmers reported 1,952 fleeces, weighing 6,929 pounds and valued at \$1,987. 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 next statement gives data relative to the production and sale of eggs and poultry.

The total number of fowls on Minnesota farms on April 15, 1910, was 10,697,000. Of the 142,659 farms reporting fowls, 12,933 did not report any eggs produced in 1909, and 18,391 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 50,413,000 dozens, valued at \$9,151,000. According to the Twelfth Census reports the production of eggs in 1899 was 43,208,000 dozens, the value being \$4,437,000. 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 53,808,000 dozens, valued at \$9,767,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 11,863,000 fowls, valued at \$4,715,000.

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	142,659	10,697,075		
On farms reporting eggs produced in 1909.....	129,726	10,047,664		
On other farms.....	12,933	649,411		
Eggs produced, as reported, 1909.....	130,527		50,413,375	\$9,151,211
Total production of eggs (partly estimated):				
1909.....			53,807,974	9,767,410
1899.....			43,208,130	4,437,148
Increase, 1899 to 1909.....			10,599,844	5,330,262
Per cent of increase.....			24.5	120.1
Eggs sold, as reported, 1909.....	116,514		34,347,776	6,212,270
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	124,268	9,859,025		
On other farms.....	18,391	838,050		
Poultry raised, as reported, 1909.....	125,331		No. of fowls. 10,933,411	4,345,534
Total poultry raised (partly estimated):				
1909.....			11,862,787	4,714,919
1899.....				2,927,717
Increase, 1899 to 1909.....				1,787,202
Per cent of increase.....				61.0
Fowls sold, as reported, 1909.....	78,699		3,704,433	1,796,502

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

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$34,121,517	
Slaughtered.....				6,942,498	
Calves:					
Sold.....	40,529	26.0	176,970	1,067,071	\$6.03
Slaughtered.....	28,204	18.1	80,493	434,501	5.40
Other cattle:					
Sold.....	79,284	50.8	442,034	11,958,640	27.05
Slaughtered.....	47,403	30.4	79,226	1,528,060	19.29
Horses:					
Sold.....	24,448	15.7	45,790	5,847,186	127.70
Mules:					
Sold.....	375	0.2	687	85,498	124.45
Asses and burros:					
Sold.....	53	(¹)	341	7,127	20.90
Swine:					
Sold.....	74,047	47.4	1,038,711	13,999,240	13.48
Slaughtered.....	100,583	64.4	314,597	4,908,163	15.60
Sheep:					
Sold.....	8,599	5.5	242,618	1,153,716	4.76
Slaughtered.....	5,418	3.5	16,231	71,202	4.39
Goats:					
Sold.....	124	0.1	815	3,639	3.73
Slaughtered.....	56	(¹)	161	572	3.55
1899—All domestic animals:					
Sold.....				16,046,622	
Slaughtered.....				4,908,051	

¹ Less than one-tenth of 1 per cent.

² Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$34,122,000, and that of animals slaughtered on farms \$6,942,000, making an aggregate of \$41,064,000. This total, however, involves considerable dupli-

cation, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the swine sold during 1909 represented more than two-fifths of the total value of all animals sold, and the value of the cattle (including calves) sold represented somewhat less than two-fifths.

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 \$16,047,000 and \$4,908,000. 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.

Honey and wax: 1909.—Although, as noted elsewhere, 9,522 farms reported 56,677 colonies of bees on hand April 15, 1910, 3,670 of these farms, with 10,778 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 976,262 pounds of honey, valued at \$120,560, and 16,880 pounds of wax, valued at \$4,057; the true totals are doubtless somewhat above these figures.

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. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops.....							\$193,451,474	\$115,694,937	\$77,756,537	67.2	100.0	100.0
Crops with acreage reports.....	14,731,464	15,119,570	-388,106	-2.6	75.0	82.0	185,832,198	112,420,730	73,411,468	65.3	96.1	97.2
Cereals.....	10,130,850	11,207,069	-1,067,219	-9.5	51.6	60.8	140,864,148	85,817,555	55,046,503	64.1	72.8	74.2
Other grains and seeds.....	363,964	570,761	-206,797	-30.2	1.9	3.1	5,006,042	5,957,579	-950,537	-18.0	2.6	5.1
Hay and forage.....	3,946,072	3,157,690	788,382	25.0	20.1	17.1	20,724,801	14,585,281	12,139,520	83.2	13.8	12.6
Tobacco.....	150	117	33	28.2	(²)	(²)	20,554	12,869	7,685	59.7	(²)	(²)
Sugar crops.....	3,947	4,307	-450	-10.2	(²)	(²)	202,591	119,540	83,051	69.5	0.1	0.1
Sundry minor crops.....	13	150	-137	-91.3	(²)	(²)	8,416	4,630	3,786	81.8	(²)	(²)
Potatoes and sweet potatoes and yams.....	223,692	146,663	77,029	52.5	1.1	0.8	7,685,330	3,409,146	4,276,183	125.4	4.0	2.9
Other vegetables.....	46,021	28,361	17,660	62.3	0.2	0.2	3,359,052	1,503,401	1,855,651	123.4	1.7	1.3
Flowers and plants and nursery products.....	4,017	1,270	2,747	216.3	(²)	(²)	1,466,049	671,160	795,789	118.6	0.8	0.6
Small fruits.....	3,738	3,092	646	20.9	(²)	(²)	493,406	339,569	153,837	45.3	0.3	0.3
Crops with no acreage reports.....							7,619,276	3,274,207	4,345,069	132.7	3.9	2.8
Seeds.....							1,503,083	538,550	604,533	179.1	0.8	0.5
Fruits and nuts.....							813,971	125,240	688,731	540.9	0.4	0.1
Maple sugar and sirup.....							23,362	3,672	19,690	536.2	(²)	(²)
Forest products of farms.....							5,181,508	2,602,335	2,579,173	90.1	2.7	2.2
Miscellaneous.....							97,352	4,410	92,942	2,107.5	0.1	(²)

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

³ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$193,451,000. Of this amount, 96.1 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 14,731,464, representing 75 per cent of the total improved land in farms (19,643,533 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 Minnesota agriculture is indicated by the fact that about three-fourths (72.8 per cent) of the total value of crops in 1909 was contributed by the cereals and about one-eighth (13.8 per cent) by hay and forage. The remainder, representing 13.4 per cent of the total value, consisted mostly of potatoes and other vegetables and of forest products.

The total value of crops in 1909 was 67.2 per cent greater than in 1899. This increase was due in part to higher prices. There was a decrease of 2.6 per cent

in the acreage of crops for which acreage was reported, the decrease in the acreage of cereals being more than 1,000,000 acres, while there were increases in the acreage of hay and forage and of vegetables.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—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.	
Cereals, total.....		10,139,850	259,148,531	Bu...	\$140,864,148
Corn.....	113,061	2,004,068	67,897,061	Bu...	30,510,145
Oats.....	118,692	2,977,258	93,897,717	Bu...	34,023,389
Wheat, total.....	93,049	3,276,911	57,064,412	Bu...	56,007,455
Common winter.....	3,500	69,036	1,216,695	Bu...	1,199,810
Common spring.....	87,068	3,084,120	33,068,049	Bu...	52,539,200
Durum or macaroni.....	5,715	173,755	2,809,668	Bu...	2,288,425
Emmer and spelt.....	3,108	30,891	757,339	Bu...	338,841
Barley.....	85,681	1,573,761	34,927,773	Bu...	17,213,817
Buckwheat.....	1,516	10,309	144,861	Bu...	89,058
Rye.....	18,777	266,567	4,420,028	Bu...	2,679,987
Kafir corn and milo maize.....	10	75	3,335	Bu...	1,466
Rough rice.....	1	10	15	Bu...	10
Other grains and seeds with acreage report, total¹.....		363,964	3,355,239	Bu...	5,006,942
Dry edible beans.....	4,587	4,697	62,822	Bu...	124,996
Flaxseed.....	23,010	353,426	3,277,238	Bu...	4,863,328
Dry peas.....	530	835	14,064	Bu...	18,384
Seeds with no acreage report, total².....					1,503,083
Timothy seed.....	10,282	(³)	876,457	Bu...	1,150,126
Clover seed.....	3,342	(³)	48,013	Bu...	326,299
Millet seed.....	277	(³)	20,371	Bu...	18,856
Flower and garden seeds.....	22	(³)			6,645
Hay and forage, total.....	138,880	3,946,072	6,036,747	Tons.	26,724,801
Timothy alone.....	45,100	780,375	1,101,510	Tons.	5,913,196
Timothy and clover mixed.....	54,047	829,600	1,433,075	Tons.	7,915,659
Clover alone.....	6,846	57,358	106,334	Tons.	572,799
Alfalfa.....	568	2,288	6,314	Tons.	44,540
Millet or Hungarian grass.....	3,920	27,136	50,383	Tons.	281,527
Other tame or cultivated grasses.....	6,485	118,493	188,371	Tons.	793,169
Wild, salt, or prairie grasses.....	84,552	1,985,664	2,714,121	Tons.	9,609,081
Grains cut green.....	2,775	19,981	31,060	Tons.	143,120
Coarse forage.....	15,905	121,619	401,614	Tons.	1,471,445
Root forage.....	899	558	3,965	Tons.	30,315
Potatoes.....	132,402	223,692	26,802,948	Bu...	7,685,259
Sweet potatoes and yams.....	15	(⁴)	50	Bu...	80
Tobacco.....	186	150	173,321	Lbs.	20,554
Sundry minor crops, total⁵.....		13			8,416
Ginseng.....	23				7,640

¹ Includes small amounts of broom corn seed and peanuts.
² Includes small amounts of other varieties of grass seeds.
³ 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.
⁴ Reported in small fractions.
⁵ Includes small amounts of hops and broom corn.

The leading crops shown in the table, in the order of their importance as judged by total value in 1909, are wheat, \$56,007,000; oats, \$34,023,000; corn, \$30,510,000; hay and forage, \$26,725,000; barley, \$17,214,000; and potatoes, \$7,685,000.

In value wheat leads all other crops, being almost one and two-thirds times as valuable as oats, which is the second crop in rank. Though fourth in value, hay and forage ranks first in number of farms reporting and in acreage.

The acreage of oats is over nine-tenths that of wheat, and nearly one and one-half times that of corn. The

acreage of barley is a little less than half that of wheat.

The cereals altogether have an acreage over two and a half times as great as that of hay and forage, and a value over five times as great. Flaxseed and potatoes show important acreages, and run into the millions of dollars in value.

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

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Flaxseed.	Hay and forage.
1909.....	2,004,068	2,977,258	3,276,911	1,573,761	358,426	3,946,072
1899.....	1,441,580	2,201,325	6,590,707	377,845	506,801	3,157,690
1889.....	901,690	1,579,253	3,372,627	358,510	303,635	2,709,191
1879.....	438,737	617,469	3,044,670	116,020	(¹)	1,053,378

¹ Not reported.

During the 30 years covered by the table, corn has made consistent gains of almost 500,000 acres a decade. Oats have followed a very similar course, increasing between 622,000 and 962,000 acres each decade, reaching in 1909 an acreage nearly five times as great as that of 1879. The acreage of wheat increased but little from 1879 to 1889, almost doubled during the next decade, and by 1909 had fallen to a point a little below that of 1889. Barley has increased rapidly throughout the period, having in 1909 an acreage over thirteen times as great as in 1879. Flaxseed made a rapid gain in acreage from 1889 to 1899, but during the last decade fell back nearly the whole amount of the gain. Hay and forage has increased in acreage somewhat irregularly, gaining rapidly during the first decade, moderately during the second, and again rather rapidly during the last decade, reaching in 1909 an acreage nearly four times as great as that of 1879.

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

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres: 1899 to 1909 ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
Corn.....	72.4	69.6	10.2	7.8	39.0	33.9 Bu.	\$15.22
Oats.....	76.0	78.1	15.2	11.9	35.2	31.5 Bu.	11.43
Wheat.....	59.6	81.6	16.7	35.6	-50.1	17.4 Bu.	17.09
Barley.....	54.9	35.0	8.0	4.8	79.3	22.2 Bu.	10.94
Rye.....	12.0	7.5	1.4	0.6	124.3	16.6 Bu.	10.05
Flaxseed.....	14.7	20.5	1.8	3.1	-36.8	9.1 Bu.	13.57
Hay and forage.....	89.0	85.9	20.1	17.1	25.0	1.53 Tons.	6.77
Potatoes.....	84.9	75.4	1.1	0.8	52.5	119.8 Bu.	34.36

¹ A minus sign (-) denotes decrease.

In "per cent of farms reporting" the increases during the last decade are for barley, potatoes, rye, hay and forage, and corn; the decreases are for wheat, flaxseed, and oats. The crops enumerated in the above table cover almost three-fourths of the improved land of the state; in 1899, however, the same crops covered over four-fifths of the improved land. In 1909 a little over one-fifth of the improved land was in hay and forage, about one-sixth was in wheat, a little less than one-sixth was in oats, over one-tenth was in corn, and almost one-twelfth was in barley. The total acreage of cereals decreased during the last decade 1,067,219, or 9.5 per cent.

The increases in acreages are for rye, barley, potatoes, corn, oats, and hay and forage; the decreases are in the acreages of wheat and flaxseed.

The average value per acre of the cereals is \$13.89, wheat and corn being above this average; oats, barley, and rye below it. Hay and forage is valued at less than one-half as much per acre as the cereals; potatoes at about two and a half times as much.

The whole southern and western parts of the state grow wheat extensively. The decrease in acreage, however, during the past 10 years extends to every county of the state, with the exception of 5 counties in the northern and northeastern parts, and these can hardly be called wheat growing counties. The heaviest of the decreases occurs in the southwestern part of the state, reaching 95 per cent and over in several counties in which the acreage had formerly been around 100,000. In the Red River Valley, where the acreage had been high, the decreases with the exception of 1 county ranged between 30 and 50 per cent. In 1899, 30 counties each reported over 100,000 acres of wheat, while in 1909 only 6 counties reached this acreage. Flaxseed, the other crop showing a great decrease in acreage, decreased within the same general sections of the state as did wheat, with, however, a larger number of counties in the northern and central parts showing increases.

The acreage of corn increased in all but 6 counties of the state. Comparatively little corn is grown in the northern half of the state. The acreage of oats, while increasing greatly for the whole state, shows a falling off in a group of 15 counties in the southeastern and in 1 county in the northwestern corner, these decreasing from 3.1 to 30.2 per cent. The increase in the acreage of barley extended over the state with the exception of 9 counties, of which number 5 are along the southern border of the state.

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 else-

where), 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.....	103,490	66.3	46,021	28,361	\$3,359,052	\$1,503,401
Farms reporting a product of \$500 or over.....	594	0.4	5,195	.....	614,895	.....
All other farms.....	102,896	65.9	40,826	.....	2,744,157	.....
Flowers and plants, total.....	136	0.1	163	143	603,935	288,055
Farms reporting a product of \$250 or over.....	87	0.1	.....	.....	505,370	.....
All other farms.....	49	(²)	.....	.....	8,565	.....
Nursery products, total.....	191	0.1	3,854	1,127	863,014	383,105
Farms reporting a product of \$250 or over.....	77	(²)	.....	.....	852,844	.....
All other farms.....	114	0.1	.....	.....	10,170	.....

¹ Does not include 14,235 farms which reported that they had vegetable gardens, but gave no information as to their products.

² Less than one-tenth of 1 per cent.

In 1909 the total acreage of potatoes and other vegetables was 269,713 and their value \$11,044,391. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 46,021 and their value \$3,359,000, both acreage and value being materially greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909 only 594 farms in the first class, representing a very small proportion of all the farms that reported vegetables but containing about one-ninth of the total acreage of vegetables, and producing nearly one-fifth of the total value, the average acreage of vegetables per farm for these farms being 8.7 and the average value of product per acre \$118.36.

The raising of flowers and plants and of nursery products is also of some importance in Minnesota, 4,017 acres being devoted to them in 1909 and the output being valued at \$1,466,949. 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 next table shows data with regard to small fruits on farms.

Strawberries are by far the most important of the small fruits raised in Minnesota, with raspberries and loganberries ranking next in importance. The total acreage of small fruits in 1909 was 3,738 and in 1899, 3,092, an increase of 20.9 per cent. The production

¹ 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.

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in 1909 was 4,477,000 quarts, as compared with 4,543,000 quarts in 1899, and the value \$493,000, as compared with \$340,000.

CROP.	Number of farms reporting: 1909	ACRES.		Quantity (quarts): 1909	Value: 1909
		1909	1899		
Small fruits, total		3,738	3,092	4,476,575	\$493,406
Strawberries.....	9,420	1,873	1,302	2,730,099	268,772
Blackberries and dewberries.....	848	145	162	139,741	17,696
Raspberries and loganberries.....	4,890	1,388	1,115	1,340,469	178,689
Currants.....	3,653	200	259	182,825	19,783
Gooseberries.....	1,807	71	112	60,661	6,412
Cranberries.....	264	61	22	22,112	1,981
Other berries.....	0	(1)	120	668	73

¹ Reported in small fractions.

Orchard fruits, grapes, and nuts: 1909 and 1899.—The following 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.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. ¹	Value.		Quantity.^{1}
Orchard fruits, total	1,644,590	1,787,107	1,086,659	\$801,112	143,655		
Apples.....	50,780	1,380,396	55,340	1,571,816	1,044,156	769,114	120,143
Peaches and nectarines.....	101	1,571	185	3,837	599	659	190
Pears.....	204	2,792	440	4,135	400	465	226
Plums and prunes.....	14,914	233,736	13,265	167,926	19,920	27,808	21,820
Cherries.....	4,207	25,139	6,160	38,399	1,526	2,973	900
Apricots.....	22	60	53	175	10	13	2
Quinces.....	18	107	31	681	2	5	(2)
Mulberries.....	0	723	5	138	46	75	(2)
Unclassified.....							³ 314
Grapes	2,138	61,916	1,639	35,950	293,805	11,021	573,272
Nuts, total	48,110	47,047	481,555	41,838	33,700		
Black walnuts.....	321	7,036	257	6,307	65,074	1,490	(2)
Unclassified.....							³ 33,700

¹ Expressed in bushels for orchard fruits and pounds for grapes and nuts.

² Included with "unclassified."

³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."

⁴ Includes Persian or English walnuts, almonds, pecans, butternuts, hickory nuts, chestnuts, hazelnuts, and other nuts.

The total quantity of orchard fruits produced in 1909 was 1,067,000 bushels, valued at \$801,000. Apples contributed 97.9 per cent of this quantity, plums and prunes most of the remainder. The production of grapes in 1909 amounted to 293,805 pounds, valued at \$11,021, and that of nuts to 81,555 pounds, valued at \$1,838.

The production of all orchard fruits together in 1909 was about seven and one-half times that of 1899, but the production of grapes declined. The value of orchard fruits increased from \$109,000 in 1899 to \$801,000 in 1909, while that of grapes declined from \$15,593 in 1899 to \$11,021 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.

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.....	215	0.1	Gals....	9,044	6,111
Vinegar.....	168	0.1	Gals....	5,778	3,339
Wine and grape juice.....	425	0.3	Gals....	4,567	6,197
Dried fruits.....	101	0.1	Lbs....	2,853	500

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 \$118,625, as compared with \$59,826 in 1899; the value of sorghum cane products in 1909 was \$83,966, and in 1899, \$59,714. The value of maple sugar and sirup produced in 1909 was \$23,362, as compared with \$3,672 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	698	0.4	167,225			\$23,362
Sugar made.....	65	(2)		11,399	Lbs....	1,742
Sirup made.....	694	0.4		17,808	Gals....	21,620
Total, 1899.....	147	0.1				3,672
Sugar made.....				29,580	Lbs....	2,733
Sirup made.....				1,079	Gals....	939
Sugar beets:						
1909 ³	774	0.5	2,233	24,140	Tons...	118,625
1899.....	624	0.4	2,114	15,959	Tons...	59,826
Sorghum cane:						
Total, 1909 ⁴						83,966
Cane grown.....	3,677	2.4	1,709	13,253	Tons....	
Sirup made.....	3,661	2.3		145,934	Gals....	80,718
Total, 1899.....						59,714
Cane grown.....	3,887	2.5	2,283	14,369	Tons....	
Cane sold as such.....				1,232	Tons....	2,818
Sirup made.....				157,605	Gals....	56,896

¹ Number of trees.

² Less than one-tenth of 1 per cent.

³ Includes beets used as root forage.

⁴ Includes cane used as coarse forage.

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 71,215 farms in Minnesota (45.6 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$5,181,508, as compared with \$2,602,335 in 1899, an increase of 99.1 per cent. Of the value in 1909, \$3,023,761 was reported as that of products used or to be used on the farms themselves, \$2,024,725 as that of products sold or for sale, and \$133,022 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 200 farmers reported the sale of 3,973 tons of flax fiber, valued at \$36,426, and 725 farmers reported the sale of 6,731 tons of flax straw, valued at \$18,783. In addition, 1,026 farmers in Minnesota sold, during 1909, 14,294 tons of straw, for which they received \$34,666, and also 311 farmers sold 2,417 tons of cornstalks and leaves, for which they received \$7,477.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next 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			1899	INCREASE. ¹	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Percent of all farms.				
Labor.....	94,934	60.8	\$22,330,149	\$16,657,820	\$5,672,329	34.1
Feed.....	53,551	37.5	5,041,925	(*)	—	—
Fertilizer.....	1,436	0.9	74,053	251,120	—176,407	—70.3

¹ A minus sign (—) denotes decrease.
² Not reported at the census of 1900.

Slightly more than three-fifths of the farmers hire labor, and the average amount expended by each of the farmers hiring is about \$235. Almost a quarter of the amount reported as expended for labor is in the form of rent and board. During the decade the total expenditures for labor increased 34.1 per cent. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

About two farmers out of every five report some expenditure for feed, but only about one out of every one hundred reports expenditure for fertilizer. The total amount paid for fertilizer decreased 70.3 per cent, the average per farm reporting being \$51.99.

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total					\$19,741,965
Corn.....	21,571	13.8	6,033,555	Bu.....	3,142,400
Oats.....	32,558	20.9	19,053,252	Bu.....	7,060,947
Barley.....	38,777	24.8	15,507,018	Bu.....	7,959,629
Hay and coarse forage...	16,407	10.5	257,083	Tons...	1,578,969

While the total amount expended by Minnesota farmers for the purchase of feed in 1909 was \$5,042,000, the total receipts from the sale of feed by those reporting sales amounted to \$19,742,000.

COUNTY TABLES.

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

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

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

Table 3 gives statistics pertaining to the products of live stock on farms (dairy products, poultry and eggs, honey and wax, and wool and mohair), also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

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

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

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

Change of boundaries.—In comparing the data secured in 1910 with those for 1900, the following changes in county boundaries should be considered: Clearwater County was organized from a part of Beltrami County in 1903; Koochiching County was organized from a part of Itasca County in 1906; Mahnomen County was organized from a part of Norman County in 1906; and Pennington County was organized from a part of Red Lake County in 1910.

Changes in 1900 figures.—After the volumes of the Twelfth Decennial United States Census (1900) had been printed, a further detailed study and analysis of the data there presented brought to light certain errors in the improved farm acreage of Stevens County. The corrected acreage is 250,151, and not 350,151 as shown in the county tables.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Aitkin.	Anoka.	Becker. ¹	Beltrami. ¹	Benton.	Bigstone.	
1	Population	2,075,708	10,371	12,493	18,840	19,337	11,615	9,367
2	Population in 1900.....	<i>1,761,394</i>	<i>6,743</i>	<i>11,513</i>	<i>14,376</i>	<i>11,030</i>	<i>9,912</i>	<i>8,731</i>
3	Number of all farms	156,137	1,348	1,445	2,074	1,577	1,279	961
4	Number of all farms in 1900.....	<i>154,669</i>	<i>763</i>	<i>1,566</i>	<i>1,947</i>	<i>1,243</i>	<i>1,276</i>	<i>1,044</i>
5	Color and nativity of farmers:							
6	Native white.....	74,710	441	718	713	593	504	459
7	Foreign-born white.....	81,134	900	724	1,300	885	775	502
8	Negro and other nonwhite.....	293	1	3	61	99	.....	.....
9	Number of farms, classified by size:							
10	Under 3 acres.....	294	.....	1	3	62	.....	1
11	3 to 9 acres.....	2,555	6	21	13	40	11	7
12	10 to 19 acres.....	2,770	3	25	17	13	15	5
13	20 to 49 acres.....	12,028	273	206	170	120	102	11
14	50 to 99 acres.....	26,571	372	436	306	154	325	26
15	100 to 174 acres.....	55,424	500	447	776	1,002	473	232
16	175 to 259 acres.....	27,972	129	134	369	95	202	217
17	260 to 499 acres.....	24,864	54	97	297	87	134	369
18	500 to 999 acres.....	3,359	9	23	31	4	16	33
19	1,000 acres and over.....	300	2	5	3	.....	1	10
20	LAND AND FARM AREA							
21	Approximate land area..... acres.....	51,749,120	1,171,200	203,700	863,360	2,446,080	259,200	314,240
22	Land in farms..... acres.....	27,675,823	176,796	203,097	354,995	223,764	195,187	282,659
23	Land in farms in 1900..... acres.....	<i>26,248,498</i>	<i>112,712</i>	<i>174,698</i>	<i>304,968</i>	<i>186,716</i>	<i>180,017</i>	<i>276,668</i>
24	Improved land in farms..... acres.....	19,643,533	34,750	101,575	178,892	33,253	103,847	242,377
25	Improved land in farms in 1900..... acres.....	<i>18,442,585</i>	<i>20,707</i>	<i>87,072</i>	<i>144,459</i>	<i>23,682</i>	<i>90,595</i>	<i>245,724</i>
26	Woodland in farms..... acres.....	3,022,391	95,292	63,225	93,005	138,593	51,220	4,094
27	Other unimproved land in farms..... acres.....	4,100,899	45,754	37,807	82,198	51,918	35,120	36,128
28	Per cent of land area in farms.....	53.5	15.0	69.1	41.1	9.1	75.3	90.0
29	Per cent of farm land improved.....	71.0	19.8	50.0	50.4	14.9	55.8	85.8
30	Average acres per farm.....	177.3	130.4	140.6	171.2	141.9	152.6	294.4
31	Average improved acres per farm.....	125.8	25.8	70.3	86.3	21.1	86.1	252.6
32	VALUE OF FARM PROPERTY							
33	All farm property..... dollars.....	1,476,411,737	3,779,647	9,478,621	11,705,410	3,389,856	8,389,346	14,262,257
34	All farm property in 1900..... dollars.....	<i>788,634,642</i>	<i>1,126,397</i>	<i>4,148,946</i>	<i>5,261,249</i>	<i>1,397,034</i>	<i>3,380,727</i>	<i>6,161,573</i>
35	Per cent increase, 1900-1910.....	87.2	235.6	128.5	124.2	115.6	.....	131.8
36	Land..... dollars.....	1,019,102,027	2,411,554	6,036,710	7,536,834	2,196,169	5,328,760	10,701,200
37	Land in 1900..... dollars.....	<i>669,301,900</i>	<i>667,030</i>	<i>2,692,680</i>	<i>3,373,808</i>	<i>945,570</i>	<i>2,636,300</i>	<i>4,489,290</i>
38	Buildings..... dollars.....	243,339,399	750,362	2,000,127	2,215,048	625,534	1,587,307	1,705,375
39	Buildings in 1900..... dollars.....	<i>110,220,415</i>	<i>196,600</i>	<i>766,750</i>	<i>813,360</i>	<i>166,840</i>	<i>672,750</i>	<i>708,270</i>
40	Implement and machinery..... dollars.....	52,320,165	131,429	331,343	555,369	162,723	324,761	474,006
41	Implement, etc., in 1900..... dollars.....	<i>30,099,230</i>	<i>48,220</i>	<i>152,370</i>	<i>233,280</i>	<i>63,850</i>	<i>180,560</i>	<i>270,310</i>
42	Domestic animals, poultry, and bees..... dollars.....	* 161,641,146	486,302	1,051,441	1,487,559	405,430	1,148,458	1,381,676
43	Domestic animals, etc., in 1900..... dollars.....	<i>39,063,097</i>	<i>216,147</i>	<i>537,149</i>	<i>790,309</i>	<i>220,774</i>	<i>601,117</i>	<i>686,708</i>
44	Per cent of value of all property in—							
45	Land.....	69.0	63.8	63.7	63.9	64.8	63.5	75.0
46	Buildings.....	16.5	19.9	21.2	18.8	18.5	18.9	12.0
47	Implement and machinery.....	3.5	3.5	4.0	4.7	4.8	3.9	3.3
48	Domestic animals, poultry, and bees.....	10.9	12.0	11.1	12.6	12.0	13.7	9.7
49	Average values:							
50	All property per farm..... dollars.....	9,450	2,804	6,560	5,687	2,150	6,559	14,841
51	Land and buildings per farm..... dollars.....	8,085	2,346	5,568	4,702	1,780	5,407	12,010
52	Land per acre..... dollars.....	30.82	13.72	29.72	21.23	0.81	27.30	37.82
53	Land per acre in 1900..... dollars.....	<i>21.31</i>	<i>5.02</i>	<i>15.41</i>	<i>11.08</i>	<i>5.06</i>	<i>14.64</i>	<i>16.81</i>
54	DOMESTIC ANIMALS (farms and ranges)							
55	Farms reporting domestic animals.....	151,531	1,226	1,387	1,079	1,234	1,250	949
56	Value of domestic animals..... dollars.....	159,771,855	473,484	1,017,421	1,456,909	391,307	1,119,317	1,348,896
57	Cattle:							
58	Total number.....	2,347,435	10,720	15,608	24,209	7,426	22,092	12,804
59	Dairy cows.....	1,086,388	5,318	8,659	11,015	3,246	10,773	5,107
60	Other cows.....	218,948	946	1,520	2,236	621	1,538	1,525
61	Yearling heifers.....	323,948	1,409	2,309	3,432	969	3,003	1,970
62	Calves.....	373,537	1,723	2,095	4,672	1,190	3,573	2,107
63	Yearling steers and bulls.....	207,569	732	645	1,978	682	1,375	1,292
64	Other steers and bulls.....	138,045	592	380	876	818	1,332	1,303
65	Value..... dollars.....	50,309,372	221,516	370,092	407,974	173,748	443,927	287,090
66	Horses:							
67	Total number.....	753,184	2,072	4,750	7,548	1,721	4,827	7,810
68	Mature horses.....	676,600	1,955	4,461	6,728	1,629	4,264	6,828
69	Yearling colts.....	63,669	105	271	600	83	471	722
70	Spring colts.....	14,606	12	34	130	9	92	260
71	Value..... dollars.....	89,063,872	227,025	590,277	902,424	193,709	599,762	941,566
72	Mules:							
73	Total number.....	5,775	25	28	28	25	29	62
74	Mature mules.....	5,213	25	28	26	25	28	58
75	Yearling colts.....	444	.....	.....	2	.....	1	2
76	Spring colts.....	118	.....	.....	.....	.....	.....	.....
77	Value..... dollars.....	732,723	3,187	4,090	2,597	2,875	4,300	8,610
78	Asses and burros:							
79	Number.....	219	1	2	1	.....	.....	.....
80	Value..... dollars.....	22,867	25	65	15	25	.....	.....
81	Swine:							
82	Total number.....	1,520,257	1,568	4,306	5,906	1,430	6,403	9,776
83	Mature hogs.....	833,970	968	2,731	3,210	1,042	3,492	5,813
84	Spring pigs.....	686,287	600	1,665	2,696	388	2,911	3,963
85	Value..... dollars.....	13,929,127	13,625	46,802	60,942	14,230	58,443	97,993
86	Sheep:							
87	Total number.....	637,582	2,311	1,318	6,309	1,812	3,897	7,354
88	Rams, ewes, and wethers.....	452,071	1,564	877	4,328	1,239	2,515	5,150
89	Spring lambs.....	185,511	747	441	1,981	573	1,382	2,204
90	Value..... dollars.....	2,693,424	7,287	6,109	22,841	6,640	12,520	33,637
91	Goats:							
92	Number.....	4,688	55	4	40	12	70	1
93	Value..... dollars.....	18,480	219	16	176	71	309	5
94	POULTRY AND BEES							
95	Number of poultry of all kinds.....	10,697,075	25,679	61,685	73,359	26,191	60,382	66,364
96	Value..... dollars.....	4,646,966	11,480	33,266	30,122	13,268	26,339	32,030
97	Number of colonies of bees.....	50,977	294	180	89	159	767	123
98	Value..... dollars.....	221,781	1,338	724	468	855	2,752	760

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

² Change of boundary. (See explanation at close of text.)

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Dodge.	Douglas.	Faribault.	Fillmore.	Freeborn.	Goodhue.	Grant.	Hennepin.	Houston.
1 Population.....	12,094	17,669	10,949	25,680	22,282	31,637	9,114	333,480	14,297
2 Population in 1900.....	13,540	17,964	22,055	23,233	21,338	31,137	8,335	223,340	15,400
3 Number of all farms.....	1,587	2,265	2,139	3,213	2,477	3,040	1,185	3,853	1,912
4 Number of all farms in 1900.....	1,651	2,407	2,232	3,477	2,691	3,210	1,245	3,684	2,150
5 Color and nativity of farmers:									
6 Native white.....	1,085	863	1,405	2,142	1,272	1,634	501	2,338	1,130
7 Foreign-born white.....	501	1,402	733	1,071	1,205	1,401	684	1,510	782
8 Negro and other nonwhite.....						5		5	
9 Number of farms, classified by size:									
10 Under 3 acres.....	1		1	2	6	1		34	4
11 3 to 9 acres.....	25	26	20	64	34	62	5	298	24
12 10 to 19 acres.....	34	43	16	68	36	95	14	376	23
13 20 to 49 acres.....	93	213	50	248	137	233	24	909	94
14 50 to 99 acres.....	270	479	159	628	402	529	87	1,228	325
15 100 to 174 acres.....	618	781	822	1,152	986	1,162	344	785	727
16 175 to 259 acres.....	332	426	585	708	540	650	272	100	426
17 260 to 499 acres.....	198	271	408	410	310	294	363	60	258
18 500 to 999 acres.....	15	25	18	3	23	14	70	3	29
19 1,000 acres and over.....	1	1		30	3		6		4
LAND AND FARM AREA									
20 Approximate land area..... acres.....	281,600	414,720	460,160	555,520	470,400	490,880	353,920	361,600	364,800
21 Land in farms..... acres.....	261,863	354,379	433,481	518,814	413,711	462,052	296,484	284,378	327,094
22 Land in farms in 1900..... acres.....	253,379	345,308	424,048	521,261	436,743	470,028	284,039	297,052	313,386
23 Improved land in farms..... acres.....	226,580	219,720	324,265	391,336	328,677	359,999	227,382	180,721	174,020
24 Improved land in farms in 1900..... acres.....	219,508	192,034	294,000	339,388	282,876	374,593	221,610	197,670	169,310
25 Woodland in farms..... acres.....	14,159	71,023	15,264	87,917	21,092	49,355	6,570	50,722	133,396
26 Other unimproved land in farms..... acres.....	21,124	63,627	33,952	39,661	63,942	52,600	32,523	43,935	19,678
27 Per cent of land area in farms.....	93.0	85.4	94.2	93.4	87.9	94.1	83.8	78.6	89.7
28 Per cent of farm land improved.....	86.5	62.0	88.6	75.4	79.4	77.9	86.8	66.7	53.2
29 Average acres per farm.....	165.0	156.5	202.7	161.5	167.0	152.0	250.2	73.8	171.1
30 Average improved acres per farm.....	142.8	97.0	179.6	121.8	132.7	118.4	217.2	49.2	91.0
VALUE OF FARM PROPERTY									
31 All farm property..... dollars.....	17,410,051	16,312,224	32,474,072	36,250,145	27,961,397	32,266,663	13,482,322	34,967,221	16,836,250
32 All farm property in 1900..... dollars.....	9,649,018	8,273,041	21,740,938	20,353,108	17,412,266	13,044,617	6,000,831	19,009,980	9,644,080
33 Per cent increase, 1900-1910.....	80.5	97.2	49.4	78.1	60.6	78.3	121.4	75.6	66.3
34 Land..... dollars.....	11,724,705	10,694,213	23,408,846	24,236,255	18,634,242	21,041,643	9,703,603	22,008,670	10,708,007
35 Land in 1900..... dollars.....	6,661,170	5,634,050	16,434,500	14,240,595	11,766,250	12,285,550	4,401,060	13,938,070	6,619,250
36 Buildings..... dollars.....	2,880,403	3,174,775	4,861,830	6,481,481	5,022,782	6,401,836	1,843,287	3,008,133	3,304,145
37 Buildings in 1900..... dollars.....	1,421,610	1,329,410	2,624,810	2,801,725	2,778,900	3,083,240	720,330	3,742,080	1,675,760
38 Implements and machinery..... dollars.....	582,269	655,190	970,843	1,075,637	895,040	1,120,114	478,615	1,113,601	584,016
39 Implements, etc., in 1900..... dollars.....	338,610	368,800	668,800	658,800	596,480	651,220	238,350	588,020	380,500
40 Domestic animals, poultry, and bees..... dollars.....	2,228,674	1,788,037	3,232,553	4,456,772	3,400,333	3,613,070	1,366,817	2,936,817	2,240,082
41 Domestic animals, etc., in 1900..... dollars.....	1,234,222	940,591	1,934,978	2,662,528	2,270,676	2,044,907	687,111	1,701,810	1,388,670
42 Per cent of value of all property in—									
43 Land.....	67.3	65.0	72.1	66.9	66.6	65.2	72.0	65.5	63.6
44 Buildings.....	16.5	19.5	15.0	17.9	18.0	20.1	13.7	22.9	19.6
45 Implements and machinery.....	3.3	4.0	3.0	3.0	3.2	3.5	3.5	3.2	3.5
46 Domestic animals, poultry, and bees.....	12.8	11.0	10.0	12.3	12.2	11.2	10.1	8.4	13.3
47 Average values:									
48 All property per farm..... dollars.....	10,974	7,202	15,182	11,282	11,288	10,614	11,377	9,072	8,806
49 Land and buildings per farm..... dollars.....	9,203	6,123	13,217	9,560	9,551	9,057	9,820	8,329	7,329
50 Land per acre..... dollars.....	44.77	30.18	54.00	46.71	45.04	45.54	33.03	80.50	32.74
51 Land per acre in 1900..... dollars.....	26.72	18.18	37.22	27.32	26.04	26.14	15.40	46.22	19.94
DOMESTIC ANIMALS (farms and ranges)									
52 Farms reporting domestic animals.....	1,570	2,221	2,119	3,161	2,440	3,007	1,154	3,707	1,889
53 Value of domestic animals..... dollars.....	2,163,393	1,738,842	3,117,811	4,327,856	3,270,323	3,507,509	1,330,714	2,800,233	2,178,443
54 Cattle:									
55 Total number.....	38,937	32,376	42,008	61,713	58,188	52,199	18,870	34,323	37,389
56 Dairy cows.....	16,289	16,255	18,255	21,037	27,890	24,843	7,900	23,471	14,837
57 Other cows.....	3,224	3,161	3,824	6,958	5,309	5,074	1,736	2,131	4,021
58 Yearling heifers.....	5,400	4,690	5,755	9,157	7,622	6,004	2,630	3,607	5,423
59 Calves.....	6,765	5,780	6,490	9,232	8,832	8,590	3,503	3,177	6,118
60 Yearling steers and bulls.....	4,209	2,953	4,307	8,223	4,678	4,395	2,017	777	4,761
61 Other steers and bulls.....	3,100	1,297	3,361	6,106	2,797	2,084	913	620	2,229
62 Value..... dollars.....	858,937	584,476	927,620	1,435,423	1,232,713	1,109,822	336,706	1,070,060	732,661
63 Horses:									
64 Total number.....	8,804	9,543	14,980	17,001	14,140	16,686	7,712	12,000	8,327
65 Mature horses.....	7,862	8,870	13,402	14,971	12,875	14,910	6,883	11,286	7,790
66 Yearling colts.....	875	812	1,327	1,884	1,131	1,528	643	832	885
67 Spring colts.....	67	161	251	146	143	148	186	62	143
68 Value..... dollars.....	1,036,410	1,041,951	1,707,443	2,143,116	1,607,731	2,064,651	910,208	1,622,846	1,019,662
69 Mules:									
70 Total number.....	114	34	58	49	109	72	50	68	73
71 Mature mules.....	98	34	51	47	105	64	50	50	72
72 Yearling colts.....	14		5	1	3	7		5	1
73 Spring colts.....	2		2	1	1			7	
74 Value..... dollars.....	17,630	3,755	6,110	6,655	15,291	10,625	6,770	7,850	9,007
75 Asses and burros:									
76 Number.....	2	3	6	17	3	5			
77 Value..... dollars.....	100	225	1,900	365	885	535	620		
78 Swine:									
79 Total number.....	21,326	11,285	44,409	50,381	47,911	23,253	5,795	21,565	43,935
80 Mature hogs.....	12,529	5,291	26,611	32,808	27,820	10,069	3,431	10,921	22,523
81 Spring pigs.....	8,797	5,994	17,795	22,573	20,085	12,834	2,364	10,644	21,412
82 Value..... dollars.....	199,762	87,808	435,309	508,075	300,790	216,252	60,803	178,838	365,909
83 Sheep:									
84 Total number.....	12,205	5,656	9,123	34,277	7,520	12,657	4,130	4,173	12,781
85 Rams, ewes, and wethers.....	9,080	4,089	6,511	25,024	5,435	9,201	2,865	3,023	8,304
86 Spring lambs.....	3,119	1,567	2,612	9,253	2,084	3,456	1,265	1,150	4,477
87 Value..... dollars.....	50,544	20,550	30,141	173,483	31,771	51,493	15,442	10,900	51,169
88 Goats:									
89 Number.....	2	18	47	31	40	60	27	117	11
90 Value..... dollars.....	10	77	228	139	142	126	45	709	35
POULTRY AND BEES									
91 Number of poultry of all kinds.....	129,803	128,284	224,333	264,535	247,988	230,328	80,703	197,856	145,052
92 Value..... dollars.....	61,234	47,438	109,059	117,634	125,909	98,195	35,960	118,634	68,288
93 Number of colonies of bees.....	1,054	455	1,331	3,094	1,107	2,119	32	2,042	1,028
94 Value..... dollars.....	4,473	1,737	4,783	11,282	4,101	7,306	143	8,950	3,351

* Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Rice.	Rock.	Roseau.	St. Louis. ¹	Scott.	Sherburne.	Sibley.	Stearns.	Steele.
1 Population.....	25,911	10,222	11,338	163,274	14,888	8,136	15,540	47,738	16,146
2 <i>Population in 1900.....</i>	<i>22,080</i>	<i>9,658</i>	<i>6,994</i>	<i>82,932</i>	<i>16,147</i>	<i>7,231</i>	<i>10,802</i>	<i>44,494</i>	<i>16,524</i>
3 Number of all farms.....	2,380	1,205	1,602	2,465	1,520	1,190	2,055	4,255	1,824
4 <i>Number of all farms in 1900.....</i>	<i>2,672</i>	<i>1,169</i>	<i>1,444</i>	<i>2,696</i>	<i>1,649</i>	<i>1,054</i>	<i>2,177</i>	<i>4,449</i>	<i>1,801</i>
5 Color and nativity of farmers:									
6 Native white.....	1,377	621	389	400	1,003	596	1,139	2,225	914
7 Foreign-born white.....	1,001	584	1,211	2,064	517	593	916	2,030	910
8 Negro and other nonwhite.....	2			1		1			
9 Number of farms, classified by size:									
10 Under 3 acres.....	2	1		28	1		3	10	1
11 3 to 9 acres.....	59	13		64	43		6	35	45
12 10 to 19 acres.....	92	4		3	11		11	21	79
13 20 to 49 acres.....	207	27		597	104		115	73	297
14 50 to 99 acres.....	603	63		473	408		235	203	341
15 100 to 174 acres.....	906	440	1,027	1,135	607	406	862	1,498	727
16 175 to 259 acres.....	310	193	153	52	240	229	505	1,034	351
17 260 to 499 acres.....	133	433	279	40	96	155	282	607	140
18 500 to 999 acres.....	8	30	23	9	1	28	13	62	9
19 1,000 acres and over.....	1	1	2	3	1	4		7	2
LAND AND FARM AREA									
20 Approximate land area..... acres.....	316,800	314,880	1,068,800	4,161,920	234,240	286,720	374,400	871,080	275,840
21 Land in farms..... acres.....	297,944	288,351	315,100	272,995	207,884	204,537	357,205	701,242	262,555
22 <i>Land in farms in 1900.....</i>	<i>505,513</i>	<i>283,597</i>	<i>236,681</i>	<i>59,950</i>	<i>214,254</i>	<i>179,105</i>	<i>307,340</i>	<i>731,323</i>	<i>265,371</i>
23 Improved land in farms..... acres.....	229,381	270,719	157,332	41,111	133,661	110,927	283,904	452,316	225,399
24 <i>Improved land in farms in 1900.....</i>	<i>227,779</i>	<i>267,427</i>	<i>74,536</i>	<i>11,406</i>	<i>123,320</i>	<i>93,530</i>	<i>277,643</i>	<i>420,423</i>	<i>226,873</i>
25 Woodland in farms..... acres.....	25,299	3,411	49,232	188,750	38,044	66,091	24,034	168,665	11,472
26 Other unimproved land in farms..... acres.....	43,204	14,221	108,542	43,134	30,179	27,510	40,327	150,261	25,684
27 Per cent of land area in farms.....	94.0	91.6	29.5	6.0	88.7	71.3	95.4	87.3	95.2
28 Per cent of farm land improved.....	77.0	93.9	49.9	15.1	64.3	54.2	79.5	59.4	85.8
29 Average acres per farm.....	125.2	239.3	196.7	110.7	136.8	171.9	173.9	178.9	143.9
30 Average improved acres per farm.....	96.4	224.7	98.2	16.7	87.9	93.2	138.2	100.3	123.6
VALUE OF FARM PROPERTY									
31 All farm property..... dollars.....	22,753,402	25,297,625	6,135,882	6,798,209	14,610,955	7,432,444	22,006,868	34,548,484	19,032,988
32 <i>All farm property in 1900.....</i>	<i>14,202,328</i>	<i>10,706,914</i>	<i>2,280,545</i>	<i>1,152,486</i>	<i>8,798,780</i>	<i>3,420,146</i>	<i>13,148,368</i>	<i>18,033,314</i>	<i>12,906,558</i>
33 Per cent increase, 1900-1910.....	60.2	136.3	176.3	489.9	67.2	117.3	67.4	85.4	46.8
34 Land..... dollars.....	15,200,189	19,493,160	3,875,880	4,093,676	10,034,955	4,678,208	15,240,908	24,361,627	12,143,090
35 <i>Land in 1900.....</i>	<i>9,076,390</i>	<i>8,163,410</i>	<i>1,422,130</i>	<i>6,093,560</i>	<i>2,063,230</i>	<i>2,562,280</i>	<i>15,022,280</i>	<i>9,507,160</i>	<i>3,807,160</i>
36 Buildings..... dollars.....	4,304,725	2,759,525	943,988	1,674,623	2,522,025	1,488,205	3,078,471	4,745,474	3,868,665
37 <i>Buildings in 1900.....</i>	<i>2,307,890</i>	<i>259,990</i>	<i>281,890</i>	<i>259,780</i>	<i>1,455,180</i>	<i>672,070</i>	<i>2,020,300</i>	<i>2,610,080</i>	<i>1,717,090</i>
38 Implements and machinery..... dollars.....	727,941	580,025	344,732	278,049	604,736	338,151	795,439	1,374,117	727,994
39 <i>Implements, etc., in 1900.....</i>	<i>475,060</i>	<i>300,870</i>	<i>108,550</i>	<i>45,710</i>	<i>276,420</i>	<i>147,720</i>	<i>453,690</i>	<i>744,390</i>	<i>568,520</i>
40 Domestic animals, poultry, and bees..... dollars.....	2,520,637	2,455,915	971,282	751,801	1,548,639	927,880	2,291,990	4,007,266	2,293,239
41 <i>Domestic animals, etc., in 1900.....</i>	<i>1,443,068</i>	<i>1,205,044</i>	<i>418,973</i>	<i>190,456</i>	<i>1,014,040</i>	<i>637,120</i>	<i>1,512,198</i>	<i>2,248,124</i>	<i>1,573,798</i>
42 Per cent of value of all property in—									
43 Land.....	66.8	77.1	63.2	60.2	68.7	62.9	69.3	70.5	63.8
44 Buildings.....	18.9	10.9	15.4	24.6	17.3	20.0	16.7	13.7	20.3
45 Implements and machinery.....	3.2	2.3	5.6	4.1	3.5	4.5	3.6	4.0	3.8
46 Domestic animals, poultry, and bees.....	11.1	9.7	15.8	11.1	10.6	12.5	10.4	11.8	12.0
47 Average values:									
48 All property per farm..... dollars.....	9,500	20,994	3,830	2,758	9,612	6,246	10,700	8,120	10,485
49 Land and buildings per farm..... dollars.....	8,195	18,407	3,000	2,340	8,262	5,182	9,207	6,841	8,778
50 Land per acre..... dollars.....	51.02	67.60	12.30	15.00	48.27	22.87	42.06	32.00	46.25
51 <i>Land per acre in 1900.....</i>	<i>32.65</i>	<i>28.31</i>	<i>6.01</i>	<i>10.95</i>	<i>27.97</i>	<i>11.52</i>	<i>26.10</i>	<i>17.81</i>	<i>36.10</i>
DOMESTIC ANIMALS (farms and ranges)									
52 Farms reporting domestic animals.....	2,355	1,187	1,530	2,100	1,508	1,132	2,033	4,184	1,810
53 Value of domestic animals..... dollars.....	2,485,138	2,401,313	954,641	720,304	1,400,852	898,068	2,201,738	3,950,718	2,211,557
54 Cattle:									
55 Total number.....	39,544	20,099	19,715	11,097	23,933	14,546	33,200	68,428	36,835
56 Dairy cows.....	21,273	9,627	8,414	6,655	12,879	7,258	17,303	36,272	20,332
57 Other cows.....	3,356	3,980	1,007	953	2,464	1,415	3,273	5,399	2,057
58 Yearling heifers.....	5,310	4,238	2,522	1,500	2,766	1,821	4,305	8,870	5,424
59 Calves.....	5,000	3,941	3,059	1,946	3,209	2,222	4,949	10,722	5,795
60 Yearling steers and bulls.....	2,499	3,991	1,899	1,393	1,377	2,019	2,010	4,475	1,838
61 Other steers and bulls.....	1,506	3,322	2,214	244	1,148	811	1,274	2,090	1,289
62 Value..... dollars.....	900,354	674,977	423,654	341,422	518,078	320,875	685,723	1,358,725	879,519
63 Horses:									
64 Total number.....	10,514	9,927	4,002	2,750	6,573	4,381	10,725	19,078	9,120
65 Mature horses.....	9,577	8,632	3,636	2,024	5,800	4,022	9,403	17,311	8,894
66 Yearling colts.....	840	905	296	107	604	309	955	1,935	680
67 Spring colts.....	88	330	71	10	49	50	302	432	76
68 Value..... dollars.....	1,222,499	1,232,006	477,008	365,519	797,803	400,238	1,273,108	2,236,982	1,091,764
69 Mules:									
70 Total number.....	28	115	50	17	37	32	38	124	64
71 Mature mules.....	26	110	47	17	34	25	38	119	60
72 Yearling colts.....	2	3			3			4	
73 Spring colts.....	1	1			1				
74 Value..... dollars.....	2,915	15,985	6,285	1,865	4,070	3,185	4,870	13,020	3,895
75 Asses and burros:									
76 Number.....	15	1	1		1				6
77 Value..... dollars.....	250	1,400	300		300				295
78 Swine:									
79 Total number.....	25,540	40,310	2,424	1,659	18,395	6,851	28,535	40,476	29,617
80 Mature hogs.....	14,282	20,464	1,351	1,164	9,495	3,684	13,186	19,962	12,302
81 Spring pigs.....	11,267	19,846	1,073	495	8,900	3,167	15,349	20,514	17,315
82 Value..... dollars.....	224,869	385,269	24,035	14,574	148,640	68,787	214,803	306,068	227,413
83 Sheep:									
84 Total number.....	5,796	10,954	7,059	838	5,417	2,322	6,481	13,000	2,428
85 Rams, ewes, and wethers.....	4,148	12,080	5,209	501	3,782	1,609	4,480	8,590	1,762
86 Spring lambs.....	1,648	4,274	1,850	337	1,635	713	1,992	4,464	666
87 Value..... dollars.....	24,201	91,651	22,583	2,868	21,865	9,740	23,194	43,328	9,662
88 Goats:									
89 Number.....	12	4	55	30	13	132	17	401	4
90 Value..... dollars.....	50	15	223	146	87	579	30	1,090	9
POULTRY AND BEES									
91 Number of poultry of all kinds.....	175,978	123,124	42,492	45,768	129,859	65,208	224,707	287,632	172,394
92 Value..... dollars.....	81,614	52,972	16,641	25,177	54,839	28,313	86,605	102,481	78,355
93 Number of colonies of bees.....	1,040	357		41	950	150	1,105	1,338	892
94 Value..... dollars.....	3,885	1,030		290	2,943	609	3,652	5,072	3,297

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

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

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

	THE STATE.	Altkin.	Anoka.	Becker. ¹	Beltrami. ^{1,2}	Benton.	Bigstone.	
FARMS OPERATED BY OWNERS								
1	Number of farms.....	122,104	1,254	1,247	1,797	1,492	1,143	631
2	Number of farms in 1900.....	<i>126,809</i>	<i>738</i>	<i>1,119</i>	<i>1,797</i>	<i>1,228</i>	<i>1,174</i>	<i>831</i>
3	Per cent of all farms.....	78.2	93.0	86.3	86.6	94.6	89.4	65.7
4	Per cent of all farms in 1900.....	<i>82.0</i>	<i>96.1</i>	<i>82.5</i>	<i>92.3</i>	<i>98.8</i>	<i>92.1</i>	<i>79.6</i>
5	Land in farms.....acres	20,668,885	151,994	156,515	298,237	218,263	168,215	187,787
6	Improved land in farms.....acres	14,153,505	28,052	79,663	146,008	31,770	92,400	162,572
7	Value of land and buildings.....dollars	920,359,347	2,825,386	6,065,042	8,124,467	2,685,993	5,947,942	8,288,360
Degree of ownership:								
8	Farms consisting of owned land only.....	99,493	1,199	1,055	1,477	1,437	1,000	438
9	Farms consisting of owned and hired land.....	22,611	55	192	320	55	143	193
Color and nativity of owners:								
10	Native white.....	52,427	390	600	544	567	405	242
11	Foreign-born white.....	69,483	863	646	1,201	878	738	389
12	Negro and other nonwhite.....	194	1	1	52	47		
FARMS OPERATED BY TENANTS								
13	Number of farms.....	32,811	84	183	265	76	126	313
14	Number of farms in 1900.....	<i>29,765</i>	<i>22</i>	<i>225</i>	<i>142</i>	<i>0</i>	<i>92</i>	<i>219</i>
15	Per cent of all farms.....	21.0	6.2	12.7	12.8	4.8	9.9	32.6
16	Per cent of all farms in 1900.....	<i>17.3</i>	<i>2.9</i>	<i>16.6</i>	<i>7.3</i>	<i>0.7</i>	<i>7.2</i>	<i>20.4</i>
17	Land in farms.....acres	6,593,204	22,146	33,917	53,323	3,871	23,060	90,890
18	Improved land in farms.....acres	5,204,787	6,051	14,895	31,354	1,087	14,077	70,635
19	Value of land and buildings.....dollars	321,172,828	295,130	1,252,200	1,527,315	96,803	792,935	3,907,465
Form of tenancy:								
20	Share tenants.....	18,471	22	61	203	21	37	239
21	Share-cash tenants.....	3,774	3	6	11		7	17
22	Cash tenants.....	7,918	53	83	29	54	28	9
23	Tenure not specified.....	2,648	6	33	22	1	4	48
Color and nativity of tenants:								
24	Native white.....	21,446	45	109	163	19	93	203
25	Foreign-born white.....	11,268	39	72	93	5	33	110
26	Negro and other nonwhite.....	97		2	9	52		
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	1,222	10	15	12	9	10	17
28	Number of farms in 1900.....	<i>1,036</i>	<i>8</i>	<i>12</i>	<i>8</i>	<i>6</i>	<i>9</i>	<i>17</i>
29	Land in farms.....acres	413,734	1,655	12,035	3,435	1,630	3,912	4,276
30	Improved land in farms.....acres	285,211	647	7,017	1,470	396	2,370	3,530
31	Value of land and buildings.....dollars	20,909,251	41,400	728,595	100,700	39,937	175,200	210,760
MORTGAGE DEBT REPORTS:								
For all farms operated by owners:								
32	Number free from mortgage debt.....	65,038	663	679	924	1,065	577	235
33	Number with mortgage debt.....	56,145	588	561	857	424	562	394
34	Number with no mortgage report.....	921	3	7	16	3	4	2
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	41,775	541	468	666	395	476	242
36	Value of their land and buildings.....dollars	295,015,775	1,298,834	2,070,511	2,051,692	837,150	2,344,807	2,876,360
37	Amount of mortgage debt.....dollars	77,866,283	270,936	612,979	658,519	165,447	610,056	768,824
38	Per cent of value of land and buildings.....	26.4	20.9	24.7	24.8	19.8	26.0	25.8

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

² Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....number	1,035,290	5,130	8,066	10,695	3,021	10,455	4,334
2	Dairy cows on farms reporting milk produced.....number	725,907	4,954	6,682	8,715	2,162	7,395	2,682
3	Milk—Produced.....gallons	273,319,603	1,719,143	2,799,544	3,942,948	930,664	2,333,641	1,012,097
4	Sold.....gallons	53,181,785	11,741	752,068	60,022	48,630	119,285	41,681
5	Cream sold.....gallons	5,756,165	27,332	26,034	32,795	1,801	103,046	35,044
6	Butter fat sold.....pounds	40,414,151	110,875	138,130	418,919	33,366	569,163	99,016
7	Butter—Produced.....pounds	34,708,669	270,693	453,389	568,104	244,644	179,121	189,373
8	Sold.....pounds	18,016,409	103,629	309,736	278,814	107,333	53,582	80,648
9	Cheese—Produced.....pounds	106,075	60		2,003	870	220	210
10	Sold.....pounds	79,045	10		1,685	80		
11	Value of dairy products, excluding home use of milk and cream.....dollars	29,219,406	108,975	285,363	278,580	82,888	265,556	93,768
12	Receipts from sale of dairy products.....dollars	25,214,222	72,695	248,242	212,266	40,117	233,673	69,087
Poultry Products								
13	Poultry—Raised.....number	10,933,411	30,772	80,940	84,397	36,242	80,119	70,643
14	Sold.....number	3,704,433	7,803	27,703	21,568	9,221	22,786	24,263
15	Eggs—Produced.....dozens	50,413,375	139,083	367,495	432,282	155,238	323,047	278,477
16	Sold.....dozens	34,347,776	55,555	221,245	247,088	67,746	183,303	184,091
17	Value of poultry and eggs produced.....dollars	13,490,745	36,624	107,060	104,002	49,868	93,041	81,739
18	Receipts from sale of poultry and eggs.....dollars	8,008,772	13,671	57,060	53,105	19,793	45,765	47,601
Honey and Wax								
19	Honey produced.....pounds	976,262	2,699	2,196	1,371	3,750	9,057	1,093
20	Wax produced.....pounds	16,880	83	338	108	25	151	60
21	Value of honey and wax produced.....dollars	124,617	400	304	260	600	1,155	176
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....number	387,599	1,461	734	3,830	743	2,455	3,459
23	Mohair and goat hair, fleeces shorn.....number	1,052	50	2	9	4	31	
24	Value of wool and mohair produced.....dollars	695,958	1,900	970	6,125	906	3,958	6,189
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....number	257,463	1,121	2,308	2,206	532	2,367	566
26	Other cattle—Sold or slaughtered.....number	521,260	2,452	3,142	5,088	1,732	3,826	3,149
27	Horses, mules, and asses and burros—Sold.....number	46,818	120	174	418	112	363	389
28	Pigs—Sold or slaughtered.....number	1,363,308	1,793	4,490	5,208	1,455	6,546	8,981
29	Sheep and goats—Sold or slaughtered.....number	259,820	914	714	2,065	452	1,291	3,560
30	Receipts from sale of animals.....dollars	34,121,517	54,525	109,859	181,045	32,124	165,991	236,906
31	Value of animals slaughtered.....dollars	6,942,498	41,421	61,970	77,390	41,221	74,631	40,793

STATISTICS OF AGRICULTURE.

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

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

	Blue Earth.	Brown.	Carlton.	Carver.	Cass. ¹	Chippewa.	Chisago.	Clay.	Clearwater. ¹	Cook.	Cottonwood.	Crow Wing.	Dakota.
1	2,128	1,280	1,138	1,672	858	1,035	1,831	1,298	1,001	144	1,040	1,009	1,600
2	<i>2,444</i>	<i>1,422</i>	<i>878</i>	<i>1,714</i>	<i>633</i>	<i>1,373</i>	<i>1,812</i>	<i>1,709</i>	(*)	<i>36</i>	<i>1,234</i>	<i>1,131</i>	<i>1,537</i>
3	72.4	70.8	95.2	83.9	90.5	89.0	91.3	74.7	94.9	98.6	65.8	87.9	74.0
4	76.7	76.0	95.5	86.8	94.8	81.4	82.0	85.7	(*)	100.0	78.7	87.9	71.4
5	315,067	259,030	110,888	180,604	126,323	233,874	202,984	390,460	167,362	23,294	242,937	141,243	239,095
6	252,744	218,807	25,058	107,803	35,550	205,175	94,134	320,508	38,984	1,547	222,394	42,569	186,529
7	20,217,739	12,835,740	2,911,666	14,901,885	2,183,502	10,365,921	9,401,147	15,297,177	2,489,449	325,265	12,406,624	3,310,140	14,526,685
8	1,702	1,062	1,100	1,542	789	758	1,636	862	850	144	654	840	1,237
9	426	218	38	130	69	277	195	436	151	.....	386	169	363
10	1,315	632	199	936	468	379	408	390	352	29	416	458	960
11	813	648	935	736	390	656	1,363	908	647	115	624	550	637
12	.....	.....	4	.....	.....	.....	.....	.....	2	.....	.....	1	3
13	794	519	44	302	85	450	171	423	53	.....	534	119	544
14	<i>738</i>	<i>408</i>	<i>21</i>	<i>254</i>	<i>32</i>	<i>500</i>	<i>163</i>	<i>207</i>	(*)	<i>528</i>	<i>90</i>	<i>563</i>
15	27.0	23.7	3.7	15.2	9.0	30.0	8.5	24.3	5.0	.....	33.8	10.4	25.2
16	25.0	21.9	3.5	12.9	4.8	17.8	7.8	15.4	(*)	1.4	20.9	7.5	27.6
17	130,114	104,446	4,598	33,248	18,308	103,936	22,294	126,066	7,214	475	123,679	18,912	85,641
18	103,417	87,353	970	19,288	3,936	91,531	10,331	101,451	1,659	21	111,541	6,753	69,338
19	7,752,749	4,995,039	98,830	2,543,580	276,265	4,432,401	978,360	4,697,009	108,210	9,500	5,952,254	453,595	4,959,945
20	548	351	4	69	41	246	70	300	17	.....	337	48	214
21	84	73	2	5	1	29	5	33	1	.....	107	2	70
22	158	94	31	177	33	32	87	30	31	2	90	57	197
23	4	1	7	51	10	143	9	60	4	.....	.....	12	63
24	607	363	22	207	70	266	92	248	20	1	339	89	385
25	187	156	22	95	15	184	78	175	22	1	195	30	158
26	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	.....	.....	1
27	19	8	13	18	5	14	3	17	1	.....	6	.....	19
28	<i>9</i>	<i>29</i>	<i>6</i>	<i>7</i>	<i>2</i>	<i>14</i>	<i>4</i>	<i>18</i>	(*)	<i>6</i>	<i>20</i>	<i>22</i>
29	3,704	1,835	5,019	2,449	2,459	3,920	495	14,896	40	.....	4,880	8,616	5,065
30	2,734	1,518	1,490	1,361	776	3,181	205	13,889	2	.....	4,733	2,067	3,926
31	240,690	98,115	153,900	258,570	64,200	146,270	19,000	620,600	1,000	.....	254,000	247,720	318,260
32	1,273	903	675	1,138	536	359	1,139	523	485	132	379	617	1,072
33	849	372	462	522	319	663	687	767	513	12	659	388	503
34	6	5	1	12	3	13	5	8	3	.....	2	4	25
35	604	275	430	443	275	451	550	453	423	9	380	303	356
36	5,883,322	2,769,772	1,112,949	4,037,120	795,231	4,490,945	2,793,995	4,851,457	976,608	41,700	4,237,810	969,208	2,764,785
37	1,536,121	709,683	227,747	1,107,773	154,940	1,243,291	620,578	1,322,205	188,578	4,175	1,219,813	162,275	682,220
38	26.1	25.7	20.5	27.4	19.5	27.7	22.2	27.3	19.3	10.0	28.8	16.7	24.7

* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	10,914	15,522	4,033	10,532	3,431	3,786	14,405	10,514	4,324	117	12,943	5,151	12,204
2	8,095	12,374	3,244	14,161	2,745	6,503	11,423	8,407	4,273	116	5,956	4,343	8,491
3	3,166,097	4,316,757	1,636,097	5,086,733	896,037	2,253,208	4,532,794	2,988,286	1,621,339	56,108	2,355,285	1,467,812	3,606,034
4	1,825,433	1,086,778	87,108	1,683,289	2,459	84,826	1,042,083	299,971	3,702	2,705	18,639	83,738	1,004,442
5	80,551	105,347	18,763	68,745	17,794	72,660	13,103	38,628	8,444	.....	22,525	23,467	68,873
6	612,443	479,754	138,291	928,738	105,551	95,692	1,028,951	170,771	121,563	.....	859,921	34,387	319,816
7	647,700	106,414	293,527	458,285	106,017	449,765	152,008	656,048	282,494	14,324	220,057	350,966	676,998
8	461,601	69,383	154,824	373,193	85,294	201,760	98,058	340,283	154,978	3,757	46,751	214,767	406,673
9	3,600	1,900	.....	258	60	.....	651	150	980	.....	.....	245	.....
10	3,500	1,700	.....	.....	.....	.....	638	.....	650	.....	.....	95	.....
11	593,442	406,980	132,064	606,016	87,504	189,489	447,979	264,863	107,471	4,797	280,882	125,937	430,403
12	540,659	383,308	99,643	580,882	61,493	135,000	434,632	195,122	76,901	1,703	241,192	94,257	367,743
13	279,494	196,390	32,385	182,630	25,385	117,296	65,105	112,465	17,030	2,705	152,143	47,536	210,371
14	91,894	50,900	9,995	62,099	6,816	35,535	17,171	37,175	4,139	518	48,451	15,928	83,044
15	1,150,876	884,388	130,831	949,735	126,093	581,455	532,643	483,361	116,050	14,424	624,813	209,905	814,632
16	849,237	646,334	74,122	721,606	55,799	419,102	337,697	284,508	57,491	4,500	444,239	114,874	493,271
17	322,821	222,104	40,476	249,156	33,281	137,627	124,758	180,189	24,722	5,378	160,474	59,032	263,420
18	195,399	137,114	20,080	167,304	13,471	86,374	72,143	67,773	11,608	1,621	96,686	29,066	144,241
19	33,461	14,738	974	18,844	3,871	2,946	6,478	2,025	2,957	100	2,736	13,107	15,026
20	131	220	8	404	572	58	194	30	.....	.....	11	142	478
21	4,364	1,633	151	2,397	618	363	777	270	550	25	403	1,784	1,766
22	7,640	3,027	588	2,083	1,303	2,158	1,441	2,984	2,275	13	10,165	1,493	4,634
23	.....	8	54	2	16	1	1	8	.....	.....	1	44	.....
24	14,819	4,921	1,057	4,191	2,076	3,723	2,057	4,702	2,755	27	18,098	2,123	7,643
25	5,797	4,894	1,823	10,731	1,001	1,324	4,334	2,483	1,281	4	987	1,348	3,379
26	7,148	4,563	1,990	4,262	3,441	3,807	4,508	5,555	2,427	103	8,337	2,348	6,262
27	885	573	110	462	108	435	335	617	170	5	745	184	792
28	30,686	21,773	1,637	26,383	1,542	17,739	6,827	6,203	1,510	18	19,766	3,177	18,922
29	2,660	1,176	574	1,311	787	1,841	723	2,401	1,257	10	5,328	568	4,402
30	737,269	434,111	48,713	436,192	86,453	334,910	183,828	234,518	60,199	2,744	554,177	69,543	535,229
31	112,634	107,297	34,568	156,535	30,052	61,283	80,916	83,412	32,936	1,731	64,845	54,529	111,388

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

	Dodge.	Douglas.	Fairbault.	Fillmore.	Freeborn.	Goodhue.	Grant.	Hennepin.	Houston.
FARMS OPERATED BY OWNERS									
1	1,070	1,995	1,428	2,317	1,773	2,067	872	3,081	1,514
2	<i>1,155</i>	<i>2,087</i>	<i>1,875</i>	<i>2,652</i>	<i>2,049</i>	<i>2,370</i>	<i>1,026</i>	<i>2,778</i>	<i>1,756</i>
3	67.4	88.1	66.8	72.1	71.6	68.0	73.6	80.0	79.2
4	<i>70.0</i>	<i>89.7</i>	<i>75.0</i>	<i>76.3</i>	<i>76.1</i>	<i>73.8</i>	<i>82.4</i>	<i>75.4</i>	<i>81.5</i>
5	165,076	303,884	286,192	368,646	282,906	304,420	211,024	219,805	253,414
6	<i>144,275</i>	<i>183,823</i>	<i>254,612</i>	<i>274,077</i>	<i>225,647</i>	<i>286,992</i>	<i>184,425</i>	<i>147,417</i>	<i>134,160</i>
7	9,484,143	11,895,698	10,043,368	21,698,416	16,291,175	18,423,104	8,443,994	22,564,980	10,834,892
Degree of ownership:									
8	829	1,689	1,123	1,804	1,485	1,709	636	2,023	1,335
9	241	306	305	513	288	353	236	458	179
Color and nativity of owners:									
10	694	680	890	1,430	865	956	306	1,870	612
11	376	1,315	538	887	908	1,107	566	1,207	702
12					4		4		
FARMS OPERATED BY TENANTS									
13	503	268	688	879	683	960	304	721	360
14	<i>485</i>	<i>283</i>	<i>544</i>	<i>802</i>	<i>683</i>	<i>822</i>	<i>207</i>	<i>804</i>	<i>356</i>
15	31.7	11.8	32.2	27.4	27.6	31.6	25.7	18.7	20.4
16	<i>29.4</i>	<i>11.8</i>	<i>24.4</i>	<i>23.1</i>	<i>23.2</i>	<i>25.6</i>	<i>16.6</i>	<i>23.5</i>	<i>18.1</i>
17	93,191	49,975	141,240	146,790	124,141	155,103	81,635	58,384	71,667
18	<i>79,088</i>	<i>32,456</i>	<i>124,183</i>	<i>114,880</i>	<i>99,663</i>	<i>121,632</i>	<i>69,711</i>	<i>38,598</i>	<i>39,126</i>
19	4,990,105	1,954,490	8,838,863	8,835,905	6,076,029	8,981,315	3,039,856	6,690,285	3,079,860
Form of tenancy:									
20	323	191	413	501	235	642	279	80	168
21	44	16	100	65	43	74	7	20	7
22	82	54	171	247	281	229	11	580	142
23	54	8	4	66	24	15	7	41	73
Color and nativity of tenants:									
24	381	181	498	697	396	660	190	437	311
25	122	87	190	182	287	290	114	233	79
26					1		1		
FARMS OPERATED BY MANAGERS									
27	14	2	23	17	21	13	9	51	8
28	<i>11</i>	<i>37</i>	<i>13</i>	<i>23</i>	<i>19</i>	<i>18</i>	<i>12</i>	<i>42</i>	<i>9</i>
29	3,596	520	6,049	3,378	6,664	2,529	3,825	6,189	2,013
30	<i>3,237</i>	<i>450</i>	<i>5,490</i>	<i>2,379</i>	<i>3,367</i>	<i>1,404</i>	<i>3,246</i>	<i>3,708</i>	<i>784</i>
31	130,860	18,800	888,445	183,325	888,920	129,000	153,040	1,662,538	97,900
MORTGAGE DEBT REPORTS¹									
For all farms operated by owners:									
32	617	1,025	680	1,427	943	1,423	384	2,064	992
33	442	967	737	855	817	626	481	973	517
34	11	3	11	35	13	18	7	44	5
For farms consisting of owned land only:									
35	317	782	542	594	643	475	316	782	430
36	<i>2,077,568</i>	<i>4,227,008</i>	<i>7,299,032</i>	<i>5,074,442</i>	<i>5,644,380</i>	<i>3,946,439</i>	<i>2,780,600</i>	<i>4,841,530</i>	<i>2,937,680</i>
37	<i>807,294</i>	<i>1,000,086</i>	<i>1,917,653</i>	<i>1,513,896</i>	<i>1,729,217</i>	<i>1,066,300</i>	<i>614,864</i>	<i>1,222,001</i>	<i>954,340</i>
38	30.2	23.7	26.3	20.8	30.0	27.8	22.1	26.2	32.5

¹Agricultural data for Indians on reservations in 1900 shown separately in last column of table. ²Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	15,551	14,595	17,087	20,366	26,587	24,111	7,585	22,379	14,381
2	10,260	10,697	12,807	13,282	15,769	16,002	5,526	19,507	9,539
3	4,850,057	4,001,600	4,008,323	6,567,474	5,781,089	6,413,763	1,800,390	9,144,085	3,834,781
4	1,615,638	306,215	1,000,202	102,524	4,539,932	2,290,627	5,844	5,053,533	17,778
5	131,393	58,033	114,047	84,176	88,586	207,637	40,510	47,301	79,015
6	498,999	738,237	606,760	1,070,904	519,429	1,169,835	297,576	293,000	583,257
7	640,268	434,877	344,581	868,936	750,510	435,185	300,858	785,440	611,326
8	473,813	146,194	259,491	394,853	586,890	126,927	95,048	507,635	361,985
9	1,300	3,056	85	115		6,998	8,400	9,583	3,500
10	300	3,056		50		950	8,400	8,861	2,600
11	488,192	376,039	485,042	533,904	852,847	760,130	167,621	1,269,169	341,887
12	447,511	307,965	461,062	423,349	802,173	681,675	124,415	1,196,485	282,078
Poultry Products									
13	124,807	116,404	229,582	232,432	259,530	237,802	71,940	264,946	140,683
14	55,051	41,474	88,833	94,818	101,892	87,287	20,609	93,204	53,344
15	645,000	606,087	833,473	1,200,890	1,116,040	1,276,267	367,800	1,166,318	581,854
16	529,547	444,112	585,206	890,003	886,042	952,062	255,829	654,603	415,901
17	177,538	158,123	261,200	318,721	327,201	320,005	92,993	379,112	160,662
18	128,996	98,298	151,000	205,802	216,114	213,481	59,718	187,605	99,803
Honey and Wax									
19	21,032	8,342	21,640	79,339	25,173	32,704	635	37,556	23,271
20	820	269	149	1,317	384	419		799	130
21	2,864	1,030	2,782	9,032	3,082	3,769	87	5,290	2,419
Wool, Mohair, and Goat Hair									
22	8,103	3,419	4,889	20,445	3,588	11,299	2,547	1,845	6,882
23			1	4	6	2	18	7	2
24	15,689	5,033	8,721	42,573	6,592	24,091	4,015	3,303	13,582
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	3,261	3,745	2,937	1,762	6,972	5,730	1,505	7,891	1,719
26	9,794	5,826	12,289	20,202	11,174	10,737	4,169	8,579	10,327
27	710	600	1,053	1,808	1,026	1,026	303	577	762
28	17,072	12,452	31,350	54,084	36,959	22,037	5,087	17,320	33,664
29	3,977	1,683	2,950	16,610	2,348	7,870	1,108	13,551	4,153
30	599,868	280,247	907,048	1,759,405	895,707	661,709	184,810	427,804	865,902
31	52,587	96,249	84,093	99,458	110,777	155,062	46,545	231,408	92,827

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

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

	Hubbard. ¹	Isanti.	Itasca. ²	Jackson.	Kanabec.	Kandiyohi.	Kittson.	Koochi-ching.	Lac qui Parle.	Lake.	Le Sueur.	Lincoln.	Lyon.
1	760	1,854	790	1,207	942	1,651	1,036	486	1,220	199	1,855	938	1,054
2	<i>694</i>	<i>1,866</i>	<i>196</i>	<i>1,413</i>	<i>720</i>	<i>1,810</i>	<i>1,158</i>	(*)	<i>1,487</i>	<i>19</i>	<i>2,087</i>	<i>1,130</i>	<i>1,280</i>
3	90.9	89.9	95.2	63.3	92.6	78.8	85.6	98.2	65.6	94.8	83.6	71.9	62.7
4	<i>92.7</i>	<i>90.8</i>	<i>90.3</i>	<i>72.5</i>	<i>96.1</i>	<i>80.0</i>	<i>91.6</i>	(*)	<i>76.2</i>	<i>100.0</i>	<i>84.4</i>	<i>84.3</i>	<i>74.8</i>
5	131,986	213,138	103,218	266,157	101,946	328,357	301,500	71,856	295,788	20,932	219,397	224,319	248,472
6	45,553	97,223	12,305	230,673	33,397	260,189	228,621	5,430	257,738	2,203	136,522	182,213	216,976
7	2,331,605	6,833,562	1,726,765	14,967,117	3,500,264	13,802,318	9,218,717	898,120	14,572,100	353,665	14,842,275	9,842,831	12,406,486
8	629	1,568	766	762	871	1,196	770	432	979	199	1,599	685	800
9	137	286	24	445	71	455	266	4	241	.....	256	253	254
10	450	426	325	455	267	472	147	177	516	20	1,183	271	471
11	315	1,423	462	752	675	1,179	837	259	704	179	671	667	583
12	1	.....	3	.....	.....	.....	2	.....	.....	.....	1	.....	.....
13	66	206	31	685	60	571	136	7	629	2	362	364	605
14	<i>44</i>	<i>186</i>	<i>10</i>	<i>625</i>	<i>22</i>	<i>459</i>	<i>92</i>	(*)	<i>457</i>	.....	<i>378</i>	<i>202</i>	<i>390</i>
15	7.8	10.0	3.7	35.0	5.9	25.5	11.2	1.6	33.8	1.0	16.3	27.9	36.0
16	<i>6.9</i>	<i>9.1</i>	<i>4.6</i>	<i>28.9</i>	<i>2.9</i>	<i>19.4</i>	<i>7.3</i>	(*)	<i>23.4</i>	.....	<i>15.3</i>	<i>15.1</i>	<i>23.9</i>
17	12,694	24,192	3,431	140,076	9,157	130,092	37,937	929	164,891	50	42,468	81,410	147,800
18	6,676	12,239	690	120,115	2,540	105,506	29,439	89	141,700	45	26,520	66,790	122,639
19	261,585	786,020	71,850	7,627,420	293,360	5,164,185	1,134,700	12,500	7,905,392	3,400	2,666,920	3,615,056	7,110,675
20	45	125	2	344	24	343	87	.....	558	.....	160	238	357
21	.....	6	.....	207	3	89	3	.....	37	.....	17	35	65
22	13	66	23	129	26	128	20	.....	31	.....	97	89	108
23	8	9	6	5	7	31	20	.....	3	.....	88	2	75
24	49	111	22	420	32	341	39	.....	364	.....	271	194	350
25	17	95	8	265	28	230	97	.....	265	.....	89	170	255
26	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
27	11	3	9	14	15	15	38	1	14	9	1	2	23
28	<i>3</i>	<i>2</i>	<i>11</i>	<i>11</i>	<i>7</i>	<i>12</i>	<i>16</i>	(*)	<i>7</i>	.....	<i>7</i>	<i>8</i>	<i>27</i>
29	7,404	312	1,731	4,506	5,267	4,896	32,629	400	3,923	1,297	80	400	5,274
30	3,471	180	941	3,927	1,433	3,908	29,329	10	3,627	133	75	320	4,553
31	78,470	10,500	67,050	243,960	176,644	213,910	1,189,160	2,800	270,505	31,700	4,000	14,000	289,100
32	392	1,047	574	428	388	670	812	397	436	160	1,307	297	377
33	371	800	209	770	552	970	717	35	779	35	621	638	673
34	3	7	7	9	4	11	7	4	5	1	27	8	4
35	285	633	196	455	498	641	501	30	579	37	408	431	472
36	796,500	2,180,010	510,480	5,374,360	1,751,325	5,188,909	4,035,954	61,310	6,775,139	84,685	3,137,910	4,185,306	5,389,839
37	166,070	512,140	107,851	1,328,060	448,218	1,507,017	1,070,481	16,105	1,697,286	19,990	838,738	1,172,088	1,555,562
38	20.8	23.5	21.1	24.7	25.6	29.0	26.5	20.3	25.1	23.6	23.6	28.0	28.9

* 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	2,348	10,223	1,534	15,073	5,161	16,524	6,516	325	10,286	265	13,068	10,192	10,606
2	1,976	8,571	1,361	9,986	4,943	13,187	6,414	294	8,755	260	7,086	7,217	4,803
3	780,537	2,819,457	558,751	3,629,828	1,766,232	4,865,632	2,377,142	127,209	2,642,338	120,370	2,201,098	2,887,184	1,465,967
4	47,069	534,880	45,918	48,231	89,853	445,164	6,742	1,082	36,294	44,123	967,664	49,371	64,881
5	13,639	13,006	4,923	42,906	34,712	57,696	16,544	.....	40,763	.....	203,848	35,338	59,276
6	15,575	398,215	.....	607,880	296,429	462,885	188,442	.....	271,610	.....	112,505	696,414	515,316
7	185,195	305,332	124,685	544,011	201,532	926,088	369,014	28,176	557,519	9,588	258,716	254,694	294,028
8	89,571	106,267	56,446	361,469	33,766	590,514	138,066	7,901	235,295	2,839	137,419	71,430	97,267
9	275	25	705	.....	400	4,300	1,125	80	534	.....	.....	150	190
10	20	.....	.....	.....	300	4,000	30	.....	384	.....	.....	.....	.....
11	68,930	228,288	49,142	373,812	154,058	428,118	140,212	8,013	226,993	13,231	303,656	292,671	255,135
12	45,611	182,234	30,858	328,045	113,849	348,778	92,079	2,435	155,410	11,296	276,387	247,717	208,652
13	33,251	55,303	23,564	193,580	24,159	143,026	49,089	5,654	174,599	6,835	211,497	101,751	161,765
14	10,749	18,433	6,318	71,790	7,892	49,094	7,245	1,080	65,045	2,113	71,545	28,267	63,327
15	143,024	445,762	90,046	849,158	125,378	813,723	267,008	25,013	770,412	23,577	744,502	481,256	546,349
16	71,203	289,559	37,220	604,818	70,849	588,011	117,898	8,008	521,534	14,745	509,923	320,633	401,877
17	41,512	93,158	34,874	222,232	33,041	198,822	64,005	9,024	198,642	9,686	203,848	112,329	167,033
18	19,259	57,000	12,836	134,527	17,275	126,345	24,521	2,496	114,489	5,007	131,002	62,952	103,714
19	550	1,568	.....	5,267	8,305	3,142	820	161	2,368	150	25,900	5,804	9,901
20	.....	70	.....	51	90	84	20	2	4	.....	665	35	352
21	75	183	.....	739	1,058	476	172	24	347	37	3,240	851	1,573
22	1,354	1,481	170	8,190	1,641	4,675	3,364	36	1,826	3	3,153	4,807	7,641
23	32	113	15	3	514	15	.....	.....	2	.....	.....	8	1
24	2,086	1,083	253	16,814	2,410	8,151	5,303	32	2,917	2	5,666	9,044	13,457
25	486	3,598	183	1,758	1,638	3,762	811	17	1,662	54	4,437	1,213	957
26	1,303	3,437	662	11,515	1,914	6,803	3,363	168	4,828	214	3,824	6,066	9,612
27	203	311	49	790	190	800	427	24	652	6	421	536	950
28	2,265	4,095	367	27,990	1,637	20,297	4,089	57	24,340	102	21,711	12,188	27,353
29	929	656	128	4,427	1,123	1,949	1,919	5	619	.....	1,321	2,522	12,634
30	48,685	128,021	15,903	786,679	71,581	507,141	130,373	5,477	479,262	3,335	400,098	335,483	759,670
31	36,858	51,162	13,366	78,793	21,153	89,207	58,074	3,515	76,343	4,603	87,136	54,051	56,839

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

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

	McLeod.	Mahno- men. ¹	Marshall.	Martin.	Meeker.	Mille Lacs.	Morrison.	Mower.	Murray.	
FARMS OPERATED BY OWNERS										
1	Number of farms.....	1,891	196	1,836	1,399	1,876	1,157	2,373	1,684	1,064
2	Number of farms in 1900.....	<i>2,010</i>	(?)	<i>2,239</i>	<i>1,503</i>	<i>2,131</i>	<i>950</i>	<i>2,218</i>	<i>1,807</i>	<i>1,231</i>
3	Per cent of all farms.....	83.4	79.0	80.6	64.1	80.0	90.5	90.5	70.6	64.9
4	Per cent of all farms in 1900.....	<i>88.1</i>	(?)	<i>90.9</i>	<i>70.3</i>	<i>84.9</i>	<i>95.0</i>	<i>92.2</i>	<i>73.3</i>	<i>71.9</i>
5	Land in farms.....acres.....	241,841	31,551	464,717	260,043	272,583	106,493	333,772	292,261	200,363
6	Improved land in farms.....acres.....	192,929	17,283	303,434	230,039	203,479	42,341	162,000	267,376	232,406
7	Value of land and buildings.....dollars.....	10,475,675	739,630	10,949,458	16,610,357	13,950,926	4,030,856	10,158,792	18,531,711	13,226,704
Degree of ownership:										
8	Farms consisting of owned land only.....	1,720	161	1,354	1,093	1,496	1,062	2,083	1,262	608
9	Farms consisting of owned and hired land.....	171	35	482	306	380	95	290	422	396
Color and nativity of owners:										
10	Native white.....	910	84	304	685	732	323	840	992	399
11	Foreign-born white.....	980	66	1,532	714	1,144	834	1,533	692	605
12	Negro and other nonwhite.....	1	46							
FARMS OPERATED BY TENANTS										
13	Number of farms.....	303	51	265	761	400	119	241	682	567
14	Number of farms in 1900.....	<i>303</i>	(?)	<i>200</i>	<i>624</i>	<i>561</i>	<i>70</i>	<i>188</i>	<i>617</i>	<i>499</i>
15	Per cent of all farms.....	16.0	20.6	12.5	34.9	19.0	9.3	9.2	28.6	34.6
16	Per cent of all farms in 1900.....	<i>13.0</i>	(?)	<i>8.1</i>	<i>29.2</i>	<i>14.4</i>	<i>6.8</i>	<i>7.6</i>	<i>25.2</i>	<i>27.4</i>
17	Land in farms.....acres.....	55,275	10,323	80,631	155,798	83,937	14,171	39,428	130,373	135,571
18	Improved land in farms.....acres.....	45,438	6,820	61,477	135,821	65,576	5,537	21,715	119,068	118,700
19	Value of land and buildings.....dollars.....	3,298,175	243,375	2,293,055	9,250,175	4,037,145	471,100	1,141,105	7,990,400	6,755,770
Form of tenancy:										
20	Share tenants.....	189	35	165	272	273	49	150	428	236
21	Share-cash tenants.....	39	1	7	113	27	2	7	101	234
22	Cash tenants.....	118	1	24	333	155	54	98	119	82
23	Tenure not specified.....	17	14	69	43	5	14	16	34	15
Color and nativity of tenants:										
24	Native white.....	238	26	114	538	253	73	152	502	353
25	Foreign-born white.....	125	10	151	223	177	40	89	180	214
26	Negro and other nonwhite.....		9							
FARMS OPERATED BY MANAGERS										
27	Number of farms.....	14	1	20	21	10	2	8	20	9
28	Number of farms in 1900.....	<i>22</i>	(?)	<i>26</i>	<i>11</i>	<i>19</i>	<i>2</i>	<i>5</i>	<i>23</i>	<i>15</i>
29	Land in farms.....acres.....	1,845	116	22,517	5,886	1,903	2,983	1,528	5,794	5,114
30	Improved land in farms.....acres.....	1,568	20	15,766	4,944	1,487	560	435	4,648	4,537
31	Value of land and buildings.....dollars.....	130,100	7,000	838,800	420,750	111,620	60,000	35,000	408,610	259,600
MORTGAGE DEBT REPORTS³										
For all farms operated by owners:										
32	Number free from mortgage debt.....	1,306	103	747	475	942	461	1,245	933	809
33	Number with mortgage debt.....	575	88	1,083	910	927	695	1,112	727	748
34	Number with no mortgage report.....	10	5	6	14	7	1	10	24	7
For farms consisting of owned land only:										
35	Number reporting debt and amount.....	495	70	727	674	607	624	922	488	418
36	Value of their land and buildings.....dollars.....	4,313,025	206,690	4,037,775	7,018,808	4,641,000	2,104,559	3,625,015	5,112,425	4,760,994
37	Amount of mortgage debt.....dollars.....	1,068,372	72,600	1,069,043	2,288,519	1,251,336	516,275	893,615	1,385,682	1,305,912
38	Per cent of value of land and buildings.....	24.8	27.2	26.5	28.9	27.0	24.5	24.7	27.1	27.5

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table. ² Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS										
Dairy Products										
1	Dairy cows on farms reporting dairy products.....	19,537	1,030	13,286	15,614	18,532	7,947	10,769	17,026	12,070
2	Dairy cows on farms reporting milk produced.....	12,209	805	11,443	7,699	14,013	7,785	11,780	11,090	9,396
3	Milk—Produced.....gallons.....	4,213,903	249,501	3,814,474	3,309,385	5,857,347	2,077,856	5,621,513	4,123,224	3,925,471
4	Sold.....gallons.....	1,563,203	6,790	18,234	282,280	868,944	18,790	136,720	733,308	23,069
5	Cream sold.....gallons.....	125,855	5,672	125,161	75,053	20,780	14,111	111,393	95,152	83,164
6	Butter fat sold.....pounds.....	716,424	10,037	386,242	849,438	1,044,961	832,827	904,205	599,744	670,099
7	Butter—Produced.....pounds.....	787,174	43,440	673,840	388,873	80,001	126,128	469,603	685,515	227,611
8	Sold.....pounds.....	489,029	20,105	237,470	193,444	24,932	39,017	167,612	407,780	85,012
9	Cheese—Produced.....pounds.....	200		3,072	400		60	595		
10	Sold.....pounds.....	90		1,330	300			540		
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	596,884	18,114	334,749	406,481	566,640	206,815	446,727	475,969	276,643
12	Receipts from sale of dairy products.....dollars.....	509,683	11,692	243,389	358,947	553,073	244,302	375,051	415,299	236,505
Poultry Products										
13	Poultry—Raised.....number.....	254,843	8,542	80,760	264,817	148,809	43,627	118,875	101,392	179,348
14	Sold.....number.....	68,407	2,046	10,801	107,804	54,203	9,399	31,923	84,824	59,687
15	Eggs—Produced.....dozens.....	1,086,181	30,005	461,062	953,093	614,361	258,575	500,399	807,229	695,514
16	Sold.....dozens.....	823,747	12,062	260,931	659,464	643,192	155,743	349,051	588,190	492,048
17	Value of poultry and eggs produced.....dollars.....	280,265	7,859	102,306	284,927	230,699	98,179	137,309	239,101	187,294
18	Receipts from sale of poultry and eggs.....dollars.....	176,360	3,142	51,434	169,097	145,062	34,412	72,998	157,285	109,576
Honey and Wax										
19	Honey produced.....pounds.....	12,067		884	11,697	7,168	10,870	17,890	43,607	3,262
20	Wax produced.....pounds.....	113		4	71	108	388	664	367	12
21	Value of honey and wax produced.....dollars.....	1,572		103	1,694	1,063	1,164	2,207	5,254	487
Wool, Mohair, and Goat Hair										
22	Wool, fleeces shorn.....number.....	3,298	52	7,051	6,866	4,732	1,272	3,143	7,014	9,479
23	Mohair and goat hair, fleeces shorn.....number.....			22	1		106	1		
24	Value of wool and mohair produced.....dollars.....	5,956	85	10,920	12,829	9,133	1,685	4,771	13,620	17,076
DOMESTIC ANIMALS SOLD OR SLAUGHTERED										
25	Calves—Sold or slaughtered.....number.....	9,322	90	3,093	3,285	5,110	2,909	4,936	2,087	480
26	Other cattle—Sold or slaughtered.....number.....	3,053	367	7,775	13,327	5,578	3,696	5,991	13,116	10,428
27	Horses, mules, and asses and burros—Sold.....number.....	440	33	450	892	677	199	509	1,477	501
28	Swine—Sold or slaughtered.....number.....	22,401	336	6,648	82,258	19,045	3,601	10,778	23,477	22,790
29	Sheep and goats—Sold or slaughtered.....number.....	1,857	93	3,936	7,531	2,181	1,069	1,750	4,664	5,106
30	Receipts from sale of animals.....dollars.....	371,070	10,463	226,223	1,102,030	584,648	118,110	226,034	867,933	607,583
31	Value of animals slaughtered.....dollars.....	123,441	6,819	100,406	91,892	168,369	40,795	126,898	85,617	64,003

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

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

	Nicollet.	Nobles.	Norman. ²	Olmsted.	Otter Tail.	Penning-ton.	Pine.	Pipestone.	Polk.	Pope.	Ramsey.	Red Lake. ²	Redwood.	Renville.
1				1,636	4,976	1,092	1,943	551	2,859	1,321	833	428	1,519	2,015
2	947	974	1,297	1,875	6,609	(*)	1,860	688	3,340	1,613	600	1,859	1,814	2,344
3	1,080	1,121	1,696	70.8	85.7	87.8	94.0	52.2	81.1	80.1	78.1	81.2	65.7	70.2
4	67.0	53.5	78.5	73.8	88.5	(*)	88.0	58.7	88.5	88.2	65.0	.....	77.3	77.8
5	74.3	64.0	87.5											
6	174,218	233,283	315,074	271,406	825,638	224,253	213,746	140,515	678,790	295,538	38,742	100,402	348,690	413,607
7	125,650	217,550	234,917	217,306	480,590	118,302	60,010	131,615	477,145	224,603	28,374	62,740	290,517	362,037
8	8,950,707	15,164,735	10,433,221	15,963,226	26,141,309	4,423,028	5,744,122	7,983,269	22,389,018	10,273,371	5,656,265	2,425,881	17,465,439	20,413,555
9	762	631	969	1,316	3,944	848	1,817	354	2,110	1,013	692	307	1,066	1,671
10	185	343	323	320	1,032	244	126	197	749	308	141	121	453	344
11	494	501	392	1,147	2,281	384	490	262	704	488	327	111	644	813
12	483	473	905	489	2,694	728	1,440	289	2,155	833	506	317	899	1,292
13	457	836	837	656	796	141	111	493	626	321	208	99	778	833
14	593	616	289	648	674	(*)	49	407	454	261	314	116	610	652
15	32.3	46.0	20.4	28.4	13.7	11.3	5.4	46.7	17.8	19.5	19.5	18.8	33.7	29.0
16	85.0	56.1	11.8	85.5	10.8	(*)	3.5	40.8	10.6	13.4	34.0	.....	21.7	21.6
17	85,485	183,072	97,605	110,517	162,538	31,802	14,471	124,002	191,966	76,244	13,517	25,000	174,585	168,647
18	62,431	163,857	75,431	94,550	107,430	17,639	4,462	115,745	151,883	60,478	8,855	14,398	144,585	145,200
19	4,271,995	10,944,380	3,303,478	6,707,100	5,436,277	667,900	414,754	6,739,866	6,641,781	2,685,170	2,276,800	580,770	8,560,731	8,032,048
20	281	200	282	390	504	69	26	254	454	254	6	58	529	559
21	50	474	3	44	36	3	7	184	38	25	4	10	99	34
22	114	157	23	148	100	32	59	41	50	29	184	16	38	79
23	12	5	29	74	156	37	19	14	84	13	14	17	112	161
24	329	542	178	535	519	64	60	306	332	225	108	54	496	500
25	128	294	159	121	277	76	51	187	294	96	100	45	279	333
26	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
27	10	9	19	18	32	11	12	11	40	7	26	.....	14	23
28	11	15	13	16	44	(*)	7	5	48	8	9	.....	10	17
29	2,509	1,845	5,855	5,607	8,359	1,930	2,472	3,472	18,096	1,512	8,284	.....	4,196	7,544
30	1,596	1,749	4,430	4,328	4,578	794	296	3,206	14,918	1,254	3,965	.....	3,643	6,283
31	165,150	131,600	260,286	305,875	305,720	37,800	75,980	218,600	707,283	78,600	818,100	.....	233,810	407,840
32	688	301	540	873	2,455	360	939	185	1,176	596	598	152	552	1,012
33	251	568	744	748	2,496	731	997	358	1,655	719	215	274	945	986
34	8	15	13	15	25	1	7	8	28	6	20	2	19	17
35	173	328	520	558	1,875	563	908	205	1,137	497	164	190	612	745
36	1,493,324	4,945,390	3,561,270	5,104,810	8,195,292	1,746,113	2,730,900	2,739,185	7,426,947	3,638,485	784,315	887,611	6,891,251	7,509,707
37	424,805	1,191,766	864,003	1,562,513	2,103,211	413,915	657,925	762,450	1,837,728	804,757	197,480	219,610	1,703,379	1,954,084
38	28.4	24.1	24.3	30.6	25.7	23.7	24.1	27.8	24.7	22.1	25.2	25.3	25.6	26.0

²No 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	11,122	13,241	11,552	16,943	33,504	8,334	9,788	7,024	23,713	10,990	5,632	4,381	15,141	18,041
2	7,647	7,413	9,137	0,804	27,826	6,463	6,478	3,203	18,344	6,817	3,419	3,259	9,433	9,332
3	2,534,808	2,041,878	3,422,945	3,078,702	9,938,171	2,380,373	2,568,211	1,234,927	8,039,937	2,408,218	3,237,310	1,168,465	3,062,169	3,174,832
4	1,515,034	36,183	17,690	251,069	283,052	72,964	115,930	51,630	338,421	9,324	2,676,924	355,700	215,264	213,976
5	21,197	100,828	34,585	133,115	109,775	30,155	102,937	44,794	127,238	76,213	13,280	6,016	54,562	134,528
6	295,086	548,934	548,111	803,416	1,836,690	442,603	390,304	262,322	986,606	375,954	.....	190,508	705,822	425,657
7	93,420	325,789	513,078	695,017	1,262,512	205,052	412,788	261,917	1,377,339	416,132	136,972	151,133	415,143	783,919
8	67,243	131,989	219,601	421,081	432,154	101,971	244,898	135,144	665,911	161,882	80,069	78,817	169,867	415,500
9	.....	1,200	2,170	.....	2,106	8,393	1,130	.....	466	7,775	1,896	.....	.....	60
10	.....	1,100	1,626	.....	1,780	5,808	.....	.....	.....	7,775	1,841	.....	.....	.....
11	257,804	271,474	201,995	528,716	874,051	227,900	290,518	157,741	737,115	241,566	611,854	128,593	343,067	405,618
12	251,155	225,405	222,442	453,651	690,753	181,948	248,391	128,410	567,589	186,739	596,865	110,950	282,798	320,100
13	135,466	183,936	80,922	190,702	281,007	38,694	61,441	103,482	205,344	103,183	59,199	22,735	266,000	267,859
14	34,571	59,143	21,735	64,917	95,711	9,617	18,005	31,485	66,774	33,885	17,959	6,488	90,285	95,893
15	680,157	726,672	572,016	1,051,195	1,459,682	241,190	355,460	388,273	999,211	500,041	255,855	118,937	1,069,233	1,219,347
16	527,048	507,849	393,868	782,184	990,374	124,773	204,178	205,727	615,998	356,131	110,139	51,773	744,369	876,307
17	167,807	208,042	125,049	265,647	353,700	51,789	89,002	115,814	206,315	184,375	92,162	29,766	292,395	317,986
18	109,712	116,618	75,930	167,215	218,648	24,202	46,575	63,252	148,695	86,096	37,223	12,427	174,371	198,274
19	10,870	8,074	1,508	34,515	26,107	4,458	12,385	1,876	10,228	1,768	1,618	2,825	10,541	10,380
20	152	47	10	308	299	512	372	.....	65	10	26	59	5	230
21	1,291	1,118	184	4,162	3,307	793	1,564	296	1,600	230	232	424	1,467	1,434
22	1,863	14,550	3,444	23,232	11,043	2,943	2,169	14,055	7,206	1,356	2,698	1,265	4,921	3,540
23	6	.....	.....	.....	30	10	3	.....	18	.....	.....	6	17	.....
24	2,848	25,540	5,639	45,190	16,689	3,882	3,453	26,446	11,658	2,657	4,011	2,117	8,815	6,297
25	3,703	954	2,153	1,802	9,023	2,477	3,466	426	7,098	1,521	1,583	618	2,423	4,005
26	3,807	15,662	7,557	15,934	15,098	8,082	3,158	6,720	13,250	3,794	1,271	2,476	8,549	6,719
27	379	1,247	471	1,134	1,271	525	1,057	451	1,057	517	59	148	855	905
28	14,959	40,567	6,150	41,181	27,933	2,757	4,833	15,572	12,137	3,424	3,063	1,961	24,191	23,890
29	565	8,423	2,475	15,025	5,901	1,689	1,330	8,650	4,191	738	2,888	1,168	2,120	2,080
30	330,491	1,134,630	225,066	1,232,848	680,341	149,980	104,250	470,081	443,482	268,228	79,003	67,971	668,191	609,863
31	82,151	73,889	75,070	74,182	265,357	52,669	68,248	43,543	185,807	60,244	29,394	33,155	96,735	147,569

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

	Rice.	Rock.	Roseau.	St. Louis. ¹	Scott.	Sherburne.	Sibley.	Stearns.	Steele.	
FARMS OPERATED BY OWNERS										
1	Number of farms.....	1,928	512	1,500	2,357	1,209	984	1,572	3,551	1,457
2	Number of farms in 1900.....	<i>2,268</i>	<i>663</i>	<i>1,422</i>	<i>632</i>	<i>1,572</i>	<i>832</i>	<i>1,809</i>	<i>3,701</i>	<i>1,498</i>
3	Per cent of all farms.....	81.0	42.5	93.6	95.6	79.5	82.7	78.5	83.5	79.9
4	Per cent of all farms in 1900.....	<i>84.8</i>	<i>48.6</i>	<i>98.5</i>	<i>91.7</i>	<i>85.2</i>	<i>83.7</i>	<i>83.1</i>	<i>88.2</i>	<i>82.8</i>
5	Land in farms..... acres.....	234,988	116,506	294,101	251,173	164,255	164,113	268,891	610,004	202,454
6	Improved land in farms..... acres.....	179,867	109,783	144,992	136,716	106,702	86,386	212,125	356,814	173,932
7	Value of land and buildings..... dollars.....	15,510,330	9,353,425	4,452,468	4,834,709	10,040,225	4,933,523	14,339,617	23,457,151	12,524,277
Degree of ownership:										
8	Farms consisting of owned land only.....	1,666	391	1,301	2,329	1,091	795	1,328	3,029	1,266
9	Farms consisting of owned and hired land.....	262	121	199	28	118	189	244	522	191
Color and nativity of owners:										
10	Native white.....	1,057	225	349	367	771	444	816	1,711	666
11	Foreign-born white.....	870	287	1,149	1,989	438	539	755	1,840	791
12	Negro and other nonwhite.....	1		2	1		1			
FARMS OPERATED BY TENANTS										
13	Number of farms.....	435	685	99	78	298	197	454	682	354
14	Number of farms in 1900.....	<i>585</i>	<i>591</i>	<i>80</i>	<i>54</i>	<i>270</i>	<i>168</i>	<i>353</i>	<i>721</i>	<i>294</i>
15	Per cent of all farms.....	18.3	56.8	6.2	3.2	19.6	16.6	22.1	16.0	19.4
16	Per cent of all farms in 1900.....	<i>14.4</i>	<i>50.6</i>	<i>1.4</i>	<i>7.8</i>	<i>16.4</i>	<i>15.0</i>	<i>16.2</i>	<i>16.2</i>	<i>16.3</i>
17	Land in farms..... acres.....	59,076	168,945	20,230	6,094	41,351	36,685	81,745	140,248	57,401
18	Improved land in farms..... acres.....	40,181	158,540	11,828	1,981	25,937	22,661	66,310	91,034	49,202
19	Value of land and buildings..... dollars.....	3,681,790	12,728,360	352,700	492,770	2,393,955	1,144,815	4,232,342	5,272,740	3,801,900
Form of tenancy:										
20	Share tenants.....	281	190	43	11	92	118	260	502	192
21	Share-cash tenants.....	13	327	5		10	23	37	40	9
22	Cash tenants.....	122	143	41	38	136	53	117	110	139
23	Tenure not specified.....	19	25	10	29	60	3	40	30	14
Color and nativity of tenants:										
24	Native white.....	305	390	38	23	221	140	302	499	237
25	Foreign-born white.....	129	295	61	55	77	51	152	183	117
26	Negro and other nonwhite.....	1								
FARMS OPERATED BY MANAGERS										
27	Number of farms.....	17	8	3	30	13	9	29	22	13
28	Number of farms in 1900.....	<i>21</i>	<i>10</i>	<i>2</i>	<i>4</i>	<i>7</i>	<i>14</i>	<i>16</i>	<i>27</i>	<i>15</i>
29	Land in farms..... acres.....	3,930	2,900	775	15,728	2,278	3,739	6,629	10,990	2,760
30	Improved land in farms..... acres.....	3,843	2,390	512	2,414	1,022	1,880	5,409	4,468	2,265
31	Value of land and buildings..... dollars.....	312,794	170,900	14,700	440,820	123,400	88,075	347,580	377,210	185,678
MORTGAGE DEBT REPORTS:										
For all farms operated by owners:										
32	Number free from mortgage debt.....	1,139	227	749	1,936	899	499	1,049	2,187	867
33	Number with mortgage debt.....	778	266	749	411	306	474	502	1,339	580
34	Number with no mortgage report.....	11	19	2	10	4	11	21	25	10
For farms consisting of owned land only:										
35	Number reporting debt and amount.....	625	171	615	385	266	366	306	1,047	455
36	Value of their land and buildings..... dollars.....	4,658,920	2,887,565	1,871,726	868,100	2,093,930	1,651,424	3,420,418	6,090,221	3,534,235
37	Amount of mortgage debt..... dollars.....	1,216,067	725,830	450,066	180,715	628,186	426,392	945,821	1,613,488	1,094,903
38	Per cent of value of land and buildings.....	26.1	25.1	24.0	20.8	25.2	25.8	27.7	26.5	31.0

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS										
Dairy Products										
1	Dairy cows on farms reporting dairy products.....	20,790	8,552	8,156	6,234	12,349	6,766	16,611	35,090	19,235
2	Dairy cows on farms reporting milk produced.....	14,312	4,224	7,296	5,597	8,303	5,025	9,683	27,110	12,557
3	Milk—Produced..... gallons.....	5,607,021	1,368,214	2,540,894	2,569,155	2,404,008	1,792,767	3,061,976	8,337,777	4,811,248
4	Sold..... gallons.....	2,022,033	34,822	15,436	988,524	617,949	76,633	636,507	1,373,024	3,018,714
5	Cream sold..... gallons.....	215,780	77,824	7,393	8,393	142,290	116,521	49,401	439,378	39,156
6	Butter fat sold..... pounds.....	1,047,423	354,727	225,663	13,101	322,462	224,085	404,977	1,022,376	561,620
7	Butter—Produced..... pounds.....	272,736	221,905	308,953	425,264	187,108	224,184	581,005	622,491	578,544
8	Sold..... pounds.....	133,698	59,595	154,697	205,851	115,126	110,651	416,783	325,730	511,899
9	Cheese—Produced..... pounds.....	7,652			2,319	2,084		80	2,704	
10	Sold..... pounds.....	7,300			30	1,214			2,360	
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	688,992	182,060	150,887	329,713	282,453	182,647	374,009	814,549	633,753
12	Receipts from sale of dairy products..... dollars.....	651,800	146,455	109,238	276,231	264,267	155,755	320,952	739,092	613,002
Poultry Products										
13	Poultry—Raised..... number.....	211,235	108,029	36,677	44,769	127,745	71,568	213,031	243,094	190,169
14	Sold..... number.....	90,221	29,106	5,524	14,246	51,987	24,538	68,350	72,701	62,674
15	Eggs—Produced..... dozens.....	859,530	433,131	248,079	275,423	748,522	318,078	956,014	1,489,402	774,678
16	Sold..... dozens.....	688,073	311,880	128,443	146,389	521,084	213,997	716,048	1,032,814	624,173
17	Value of poultry and eggs produced..... dollars.....	258,297	117,890	53,010	87,073	182,771	85,104	247,123	367,153	220,305
18	Receipts from sale of poultry and eggs..... dollars.....	160,851	69,945	24,165	43,879	119,722	60,790	157,145	227,920	146,491
Honey and Wax										
19	Honey produced..... pounds.....	10,794	7,015		1,150	14,888	1,118	14,748	12,731	10,859
20	Wax produced..... pounds.....	233	5		20	250	46	192	294	175
21	Value of honey and wax produced..... dollars.....	1,402	1,136		187	1,607	162	1,817	1,974	1,416
Wool, Mohair, and Goat Hair										
22	Wool, fleeces shorn..... number.....	3,601	11,220	5,530	436	3,306	1,544	3,605	6,771	1,351
23	Mohair and goat hair, fleeces shorn..... number.....	35			26		103		126	
24	Value of wool and mohair produced..... dollars.....	7,267	20,730	6,924	673	6,134	2,647	6,017	10,405	2,752
DOMESTIC ANIMALS SOLD OR SLAUGHTERED										
25	Calves—Sold or slaughtered..... number.....	6,456	537	1,382	1,133	5,120	1,704	6,644	13,826	5,930
26	Other cattle—Sold or slaughtered..... number.....	7,243	9,215	4,316	2,811	3,255	2,990	3,495	11,540	6,684
27	Horses, mules, and asses and burros—Sold..... number.....	632	762	214	156	432	320	574	1,275	545
28	Swine—Sold or slaughtered..... number.....	22,529	29,134	2,889	1,455	15,813	7,027	22,097	37,310	25,179
29	Sheep and goats—Sold or slaughtered..... number.....	2,145	8,040	3,689	271	1,753	1,480	1,551	3,841	852
30	Receipts from sale of animals..... dollars.....	588,087	875,423	108,345	69,030	318,031	188,335	375,715	703,994	566,835
31	Value of animals slaughtered..... dollars.....	106,795	56,104	55,448	45,642	81,530	36,128	130,589	335,867	87,264

STATISTICS OF AGRICULTURE.

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

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

	Stevens.	Swift.	Todd.	Traverse.	Wabasha.	Wadena.	Waseca.	Washing- ton.	Waton- wan.	Wilkin.	Winona.	Wright.	Yellow Medicine.	Indian res- ervations.
1	064	1,129	2,577	569	1,297	879	1,210	1,584	864	604	1,596	3,252	1,279	
2	971	1,481	2,695	830	1,487	889	1,327	1,577	956	878	1,852	3,447	1,539	219
3	65.4	73.5	86.1	60.4	72.6	87.5	77.2	81.5	68.1	61.3	74.5	85.3	69.6	
4	84.0	82.5	88.8	76.4	77.6	89.8	79.4	82.3	74.1	78.0	78.5	88.3	88.2	80.2
5	200,185	298,375	359,542	192,023	233,061	136,998	195,712	176,003	169,306	203,924	270,611	333,230	313,169	
6	175,178	204,825	198,006	183,850	160,950	59,300	156,965	117,700	151,508	193,673	171,502	198,450	264,821	
7	7,908,315	11,479,385	11,205,270	8,881,258	11,850,675	3,296,789	11,508,195	10,921,462	9,546,940	8,523,823	13,888,157	10,889,112	14,775,311	
8	393	790	2,052	346	1,056	708	990	1,352	668	333	1,357	2,675	907	
9	271	339	525	223	241	171	220	232	196	271	239	577	372	
10	271	450	1,085	251	767	353	743	767	305	255	976	1,585	454	
11	893	679	1,492	318	530	526	467	812	559	349	620	1,667	795	
12								5						
13	336	397	392	357	478	123	351	318	394	363	527	551	534	
14	176	304	322	242	413	97	335	303	330	221	492	554	521	67
15	33.1	25.8	13.1	37.9	26.7	12.3	22.4	16.4	31.0	36.8	24.6	14.4	29.1	
16	15.1	16.9	10.6	22.3	21.3	8.8	20.0	16.4	25.6	19.8	20.9	13.4	17.1	19.3
17	98,512	105,596	59,871	118,050	86,306	21,393	58,693	43,615	78,227	123,559	98,663	64,279	130,805	
18	84,042	93,398	29,953	113,294	67,480	10,359	47,982	30,377	70,470	116,593	62,966	37,986	108,170	
19	3,720,475	3,945,033	1,866,695	5,054,914	4,858,140	547,390	3,306,730	2,570,140	4,225,540	5,031,741	4,930,824	3,558,161	6,121,923	
20	276	328	231	304	253	54	189	62	167	344	235	227	348	
21	39	30	20	45	60	8	18	12	65	7	33	55	103	
22	17	36	85	6	102	28	137	173	75	10	206	248	69	
23	4	3	56	2	63	33	7	71	87	2	53	11	14	
24	193	250	308	201	359	88	233	222	247	232	393	391	337	
25	143	147	84	156	113	35	113	96	146	131	134	160	197	
26					1				1					
27	15	11	25	16	12	2	6	41	11	19	18	11	25	
28	10	10	17	14	12	4	10	23	5	18	15	11	12	2
29	6,229	4,690	4,808	7,484	1,527	275	1,942	6,694	4,131	8,503	4,960	1,819	7,745	
30	5,298	4,054	2,524	7,064	1,183	44	1,565	4,668	3,889	7,971	3,206	1,356	6,144	
31	349,800	177,420	168,900	329,660	91,900	4,650	115,000	527,730	268,680	359,401	324,000	211,000	387,885	
32	224	421	1,199	206	799	386	742	983	375	203	986	1,757	455	
33	438	700	1,368	350	441	487	461	585	490	400	595	1,478	812	
34	2	8	10	13	57	6	7	16	9	1	15	17	12	
35	237	454	1,003	188	330	354	366	478	352	193	466	1,122	529	
36	2,650,295	4,158,240	4,084,855	2,768,700	2,921,215	1,181,125	3,458,285	2,841,935	3,844,700	2,714,377	3,772,710	6,520,787	5,818,239	
37	711,542	1,050,201	1,017,126	610,780	934,407	286,634	961,225	697,506	1,062,046	675,105	1,216,821	1,823,827	1,567,298	
38	20.8	25.3	24.9	22.1	32.0	24.3	27.8	24.5	27.6	24.9	32.2	28.0	26.9	

* 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	6,521	9,493	18,650	4,799	11,109	6,454	13,379	10,637	10,720	5,161	16,450	26,904	11,535	
2	4,734	7,524	10,314	3,469	6,914	4,567	7,681	9,330	8,108	4,847	9,239	22,187	7,242	
3	1,653,251	2,003,047	3,820,758	1,144,976	2,410,499	2,000,736	2,406,694	3,972,611	3,269,602	1,531,962	3,666,845	8,116,337	2,307,324	
4	18,525	74,423	227,878	16,358	57,295	205,403	1,322,037	2,137,263	563,892	30,810	630,430	2,179,855	32,212	
5	65,600	41,690	115,500	39,696	114,790	50,361	35,908	43,639	102,280	19,027	40,043	208,041	37,705	
6	222,845	248,237	1,093,905	118,023	498,870	380,633	453,495	117,982	404,551	117,103	914,422	1,192,154	342,402	
7	228,050	441,958	454,062	230,251	378,349	167,445	308,008	387,037	198,849	264,281	702,484	498,430	548,999	
8	69,132	163,382	224,344	82,109	150,059	51,856	212,222	256,908	149,002	115,780	546,018	331,202	171,297	
9	1,825	2,000	2,000	1,228	75	1,450	15	106	465	1,704	455	1,704	20	
10		1,750	2,000	1,000	35	1,400			190		1,250	1,628		
11	151,116	190,081	529,380	108,464	305,798	184,525	348,276	388,161	274,537	107,644	557,731	802,545	249,224	
12	115,352	136,847	471,248	75,447	251,812	158,031	321,224	356,449	262,547	74,891	500,262	759,458	161,636	
13	84,218	112,206	132,161	83,870	127,318	45,733	176,341	119,953	123,699	76,093	160,286	270,094	191,902	
14	27,703	28,269	47,549	25,179	45,108	16,056	60,009	44,731	40,839	24,422	55,510	103,258	72,167	
15	347,172	485,934	721,817	322,630	680,223	182,814	568,077	592,829	456,048	344,861	785,652	1,154,538	716,509	
16	219,807	325,868	487,218	180,178	444,988	117,468	397,207	360,244	316,651	193,074	508,705	825,079	509,206	
17	97,985	123,132	171,157	87,222	171,577	48,800	173,131	131,540	131,540	92,727	310,642	310,642	207,833	
18	56,213	72,101	103,759	42,806	100,101	27,871	98,890	95,472	75,285	46,377	116,458	201,258	122,026	
19	1,026	3,227	21,489	455	59,752	6,522	20,980	19,086	8,302	290	40,866	18,907	6,308	
20	11	10	370		510	43	249	512	132	5	765	518	20	
21	163	450	2,635	92	7,135	876	2,435	2,414	1,090	39	4,872	2,561	909	
22	6,042	2,207	4,230	2,390	13,274	2,159	4,200	2,431	3,807	1,736	10,194	2,871	2,956	
23	40		72		1	5	14	243		1	80	1	5	
24	11,587	3,761	6,456	4,407	28,882	3,383	8,029	4,750	5,708	3,144	21,439	4,809	5,657	
25	960	1,646	4,544	877	1,772	2,447	2,639	2,951	1,830	1,020	4,850	10,469	1,911	
26	3,152	4,646	7,587	2,648	7,691	2,221	4,647	6,763	6,471	2,818	8,517	7,182	5,974	
27	468	514	617	370	784	192	487	436	422	445	840	931	736	
28	7,618	13,218	14,920	7,552	22,619	3,251	16,530	10,338	10,770	4,696	27,794	35,465	22,330	
29	3,378	1,200	2,335	1,246	6,795	1,017	2,372	4,867	4,067	810	5,314	1,378	1,139	
30	210,019	305,102	333,292	186,350	594,618	94,546	357,016	371,004	402,053	138,953	730,722	664,415	500,345	
31	47,241	74,096	115,490	46,777	89,275	35,516	79,468	132,526	50,611	53,203	130,038	169,520	77,414	

SUPPLEMENT FOR MINNESOTA.

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

		THE STATE.	Aitkin.	Anoka.	Becker.	Beltrami.	Benton.	Bigstone.	Blue Earth.	
VALUE OF ALL CROPS										
1	Total.....	dollars..	193,451,474	404,192	1,118,212	1,556,328	601,459	1,176,027	2,431,452	3,974,042
2	Cereals.....	dollars..	140,864,148	31,157	393,435	976,676	54,646	775,985	2,074,389	3,225,558
3	Other grains and seeds.....	dollars..	6,510,025	4,802	9,383	64,545	5,031	22,896	151,276	22,694
4	Hay and forage.....	dollars..	26,724,801	151,451	236,258	300,673	127,054	209,651	158,628	441,325
5	Vegetables.....	dollars..	11,044,391	76,054	406,395	100,164	126,585	104,406	40,505	139,904
6	Fruits and nuts.....	dollars..	1,307,377	5,700	12,597	6,045	1,221	6,709	4,491	49,003
7	All other crops.....	dollars..	7,000,732	135,028	60,144	108,225	286,922	56,290	2,163	95,458
SELECTED CROPS (acres and quantity)										
8	Cereals:									
9	Total.....	acres.....	10,139,850	2,365	29,583	83,470	4,097	53,667	145,926	210,806
10	Corn.....	bushels..	259,148,531	59,390	780,978	1,621,813	92,139	1,344,811	3,224,312	5,803,374
11	Oats.....	acres.....	2,094,068	924	12,076	3,120	539	10,056	13,934	67,157
12	Wheat.....	bushels..	67,897,051	30,167	375,378	97,115	10,931	304,470	441,405	2,532,182
13	Emmer and spelt.....	acres.....	2,977,258	1,066	9,668	32,274	1,915	13,418	27,200	43,732
14	Barley.....	bushels..	93,897,717	23,471	278,498	778,353	47,856	492,874	953,654	1,487,907
15	Buckwheat.....	acres.....	3,276,911	116	1,523	38,857	1,013	17,147	78,764	85,509
16	Rye.....	bushels..	57,094,412	1,621	28,487	553,456	14,470	314,048	1,285,562	1,471,528
17	Other grains and seeds:									
18	Dry peas.....	acres.....	30,891	23	154	62	14	26	1,209	1,209
19	Dry edible beans.....	bushels..	757,339	443	4,373	1,487	220	1,040	30,175	3,699
20	Flaxseed.....	acres.....	1,573,761	141	613	8,501	502	3,521	23,130	12,580
21	Other grains and seeds:									
22	Dry peas.....	acres.....	34,927,773	2,458	16,604	182,060	8,945	96,725	489,512	280,765
23	Dry edible beans.....	bushels..	10,309	72	49	51	9	166	61	112
24	Flaxseed.....	bushels..	144,861	898	576	689	200	1,176	622	1,317
25	Other grains and seeds:									
26	Dry peas.....	acres.....	206,567	23	5,500	699	55	9,393	1,648	1,587
27	Dry edible beans.....	bushels..	4,426,028	332	77,092	8,153	817	133,658	23,382	25,896
28	Flaxseed.....	acres.....	835	6	1	1	1	44		
29	Flaxseed.....	bushels..	14,964	99	13	14	20	804		
30	Flaxseed.....	acres.....	4,697	75	294	51	31	73	2	28
31	Flaxseed.....	bushels..	62,822	1,055	2,620	1,058	596	817	37	559
32	Flaxseed.....	acres.....	353,426	6	4,979	314	817	9,024	924	924
33	Flaxseed.....	bushels..	3,277,238	40	36,590	2,811	7,937	91,648	8,843	8,843
34	Hay and forage:									
35	Total.....	acres.....	3,948,072	15,787	30,566	51,767	14,004	31,033	26,953	63,191
36	All tame or cultivated grasses.....	tons.....	6,036,747	22,775	42,995	65,630	19,030	50,286	37,821	120,324
37	Timothy alone.....	acres.....	1,815,250	8,371	11,001	22,884	3,601	8,995	13,460	30,564
38	Timothy and clover mixed.....	tons.....	2,885,957	9,928	16,542	29,277	4,652	14,256	18,694	58,960
39	Clover alone.....	acres.....	780,375	1,920	3,339	9,557	4,777	4,591	12,022	8,906
40	Alfalfa.....	tons.....	1,101,510	1,616	4,738	11,101	555	6,887	16,284	10,312
41	Other tame or cultivated grasses.....	acres.....	829,600	6,677	4,370	11,553	2,564	2,585	650	18,758
42	Wild, salt, or prairie grasses.....	tons.....	1,433,075	7,821	6,068	14,814	3,240	4,581	957	30,921
43	Grains out green.....	acres.....	57,358	140	1,567	302	95	1,131	10	1,019
44	Coarse forage.....	tons.....	106,334	139	2,812	487	160	1,497	19	2,137
45	Special crops:									
46	Potatoes.....	acres.....	2,288	2	4	31	6	3	15	10
47	All other vegetables.....	tons.....	6,314	7	13	70	20	4	39	21
48	Sugar beets.....	acres.....	27,136	34	49	719	87	11	500	69
49	Maple trees.....	number	50,393	55	110	1,415	136	22	1,048	168
50	Maple sugar (made).....	acres.....	118,463	198	1,663	922	372	674	257	1,802
51	Maple sirup (made).....	tons.....	188,371	290	1,901	1,300	541	1,265	347	3,401
52	Cane, sorghum.....	acres.....	1,088,664	6,951	18,503	17,824	9,785	21,311	13,001	30,514
53	Sirup (made).....	gallons..	2,714,121	11,795	22,814	32,274	12,663	34,221	17,830	55,309
54	Other special crops.....	tons.....	19,981	126	126	218	338	23	108	236
55	Orchard fruits:									
56	Total.....	acres.....	31,060	407	172	321	466	38	123	419
57	Apples.....	bushels..	121,619	111	920	1,132	269	701	384	1,876
58	Peaches and nectarines.....	acres.....	401,614	441	3,435	3,741	1,076	1,738	1,174	5,626
59	Plums and prunes.....	acres.....	223,692	1,157	10,756	2,101	1,549	1,074	741	1,891
60	Cherries.....	bushels..	26,802,948	150,759	1,255,880	267,459	212,785	286,974	78,331	213,787
61	Grapes.....	acres.....	46,021	469	478	450	571	359	255	898
62	Small fruits:									
63	Total.....	acres.....	2,238	4	31	8				14
64	Strawberries.....	acres.....	24,140	31	30					104
65	Raspberries and loganberries.....	number	67,225	1,905			7,204	102		207
66	Nuts.....	pounds..	11,390	675			4,200			68
67	Other nuts.....	acres.....	17,808	345			104	30		75
68	Other nuts.....	acres.....	1,709	6				1		661
69	Other nuts.....	acres.....	13,253	57				14		661
70	Other nuts.....	acres.....	145,934	100				103		6,369
71	Other nuts.....	acres.....								
72	Other nuts.....	acres.....								
73	Other nuts.....	acres.....								
74	Other nuts.....	acres.....								
75	Other nuts.....	acres.....								
76	Other nuts.....	acres.....								
77	Other nuts.....	acres.....								
78	Other nuts.....	acres.....								
79	Other nuts.....	acres.....								
80	Other nuts.....	acres.....								
81	Other nuts.....	acres.....								
82	Other nuts.....	acres.....								

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	94,934	328	680	1,297	750	575	703	1,653
2	Cash expended.....	dollars..	16,673,777	31,587	107,049	143,121	108,982	60,446	202,401	230,946
3	Rent and board furnished.....	dollars..	5,656,372	9,274	41,843	43,763	30,317	21,230	68,545	83,227
4	Fertilizer.....	Farms reporting.....	1,436	5	19	7	12		1	9
5	Amount expended.....	dollars..	74,653	172	795	133	98		25	907
6	Feed.....	Farms reporting.....	58,551	912	758	809	851	563	336	1,006
7	Amount expended.....	dollars..	5,041,925	64,698	88,114	47,282	85,496	34,029	25,688	94,678
8	Receipts from sale of feedable crops.....	dollars..	10,741,065	6,907	53,330	69,436	10,053	53,391	151,435	211,603

STATISTICS OF AGRICULTURE.

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

	Brown.	Carlton.	Carver.	Cass.	Chippewa.	Chisago.	Clay.	Clearwater.	Cook.	Cottonwood.	Crow Wing.	Dakota.
1	2,930,658	430,866	2,264,655	342,064	2,797,308	1,544,517	3,816,088	384,947	55,968	2,423,676	499,081	3,177,701
2	2,445,529	30,800	1,571,048	75,489	2,439,238	616,999	2,622,637	146,806	1,390	1,960,162	160,985	2,142,628
3	29,067	832	1,717	15,750	53,980	5,131	112,902	3,940	45	137,317	6,023	43,948
4	330,596	190,288	400,851	94,709	234,114	412,579	447,917	128,655	17,197	249,071	156,679	483,710
5	70,266	104,525	88,846	60,925	47,277	407,986	607,158	39,659	12,169	53,993	88,860	382,403
6	12,788	671	39,518	681	6,702	7,802	3,840	461	89	14,931	7,643	49,432
7	42,412	103,750	162,675	94,804	15,931	94,020	21,634	65,326	25,078	7,612	78,891	75,580
8	161,418	2,255	77,927	7,598	177,699	37,614	235,014	10,964	55	160,834	15,517	158,432
9	4,599,816	56,891	2,479,852	144,237	4,814,206	1,116,799	4,640,573	227,158	2,505	4,464,943	298,756	4,374,599
10	44,738	49	18,601	2,393	35,599	6,060	2,345	171		50,891	5,224	29,042
11	1,750,881	1,419	845,214	64,006	1,147,039	211,416	72,451	5,560		1,737,471	135,263	927,323
12	85,897	1,842	13,409	2,856	59,142	15,788	89,463	4,325	50	62,735	5,950	69,781
13	1,277,400	40,290	580,154	48,873	2,007,318	558,407	2,331,847	114,288	2,335	1,873,350	104,963	2,211,177
14	59,691	372	37,531	018	58,326	11,441	111,607	4,745	3	17,707	2,138	16,496
15	1,149,114	5,127	810,616	7,710	1,077,269	249,600	1,545,224	73,397	75	298,191	25,693	334,230
16	8,996	717	1,173	96	781	2,407	567	36		839	176	209
17	12,336	389	0,439	603	23,921	1,332	14,675	555		10,223	2,526	5,248
18	262,871	7,680	198,814	8,771	509,228	40,804	28,933	1,654	2	25,322	621	22,613
19	187	10	14	68	67	44	640,693	32,854	70	490,343	10,217	563,989
20	2,295	135	267	493	1,382	537	1,912	14	25	922	3,153	5,251
21	8,727	77	1,888	548	2,382	537	2,026	32		3,330	1,146	19,967
22	154,659	1,023	43,614	13,643	8,963	32,031	33,271	490		45,483	16,941	327,381
23												
24	6	38	7	3			10	5		1		4
25	70	453	84	40			132	110		25		2
26	54	11	8	53	18		108	10				26
27	603	70	98	883	160	1,708	125	178		83	1,874	29
28	2,370		42	48	3,903	4	9,519	222		5,119	145	2,279
29	19,512		408	301	34,502	66	69,344	1,926		44,375	825	26,479
30	43,699	16,265	34,824	12,318	43,107	35,658	83,678	18,954	936	58,028	21,181	44,942
31	98,487	20,215	78,401	18,681	66,446	63,920	97,157	23,213	883	82,217	25,878	67,233
32	10,400	13,021	10,776	4,128	13,104	21,462	27,839	5,039	855	22,731	3,987	34,752
33	20,657	15,558	40,934	6,310	20,879	41,363	31,318	6,411	766	31,625	10,658	51,335
34	2,354	3,058	2,460	643	7,889	7,293	20,442	678	56	15,963	1,842	18,683
35	4,203	3,759	5,506	739	11,573	13,359	21,935	609	61	21,536	1,965	25,907
36	6,803	9,436	7,282	2,315	4,005	11,888	3,837	3,701	788	5,202	0,120	13,357
37	13,983	11,230	17,707	3,554	7,023	24,155	4,614	4,895	689	7,564	7,686	20,871
38	100	132	524	860	298	986	220	167		358	338	2,269
39	212	129	1,243	1,648	570	1,915	278	224		618	467	3,845
40	6		421	3	34	2	58			114		36
41	22	1	1,592	6	96	4	128	1		1		85
42	76	28	90	58	407	39	1,453	44		124		65
43	156	57	224	94	865	84	2,661	122	12	212		148
44	1,061	307	8,997	249	471	1,254	1,829	449	6	950		327
45	2,021	382	20,662	369	552	1,846	1,702	550	3	1,348		479
46	30,258	2,932	14,742	7,772	27,715	13,668	52,524	13,531	10	33,146	11,601	8,140
47	71,440	3,792	20,890	11,364	38,909	20,020	55,480	15,700	7	43,956	13,650	11,044
48	188	226	106	162	268	91	1,025	240	70	66		373
49	279	358	273	222	494	186	1,312	376	106	117		308
50	1,853	47	188	227	2,020	422	2,200	122		2,085	503	1,970
51	6,081	201	1,185	618	6,364	2,200	9,047	610	4	6,519	1,139	4,591
52	1,080	1,559	1,188	1,079	967	12,284	19,674	594	101	958	1,610	5,062
53	126,438	239,715	145,856	125,267	113,644	1,874,597	1,790,400	86,148	19,711	94,394	194,358	629,603
54	523	276	729	301	290	422	436	224	18	357	500	2,116
55			555					1		1		151
56		2	6,114					4		4		1,604
57	98		5,681	312		4,407		974			1,701	428
58			100	25		100		928			20	22
59	11		2,233	25		1,412		9			385	69
60	73		231	4		4					1	4
61	431		2,123	13		26		1		3	43	28
62	6,065		22,891	158		325				219	440	80
63	24,784	678	49,987	546	14,566	8,820	3,332	60	24	27,382	3,796	41,879
64	15,226	231	38,686	241	4,169	4,957	954	21	5	18,579	705	26,486
65	20,891	370	41,007	320	10,049	6,063	2,608	30	20	21,701	975	36,776
66	14,871	200	37,782	183	3,909	4,584	840	12	5	18,412	400	25,989
67	22		17				83					34
68							6					35
69	3,420	287	7,042	207	4,101	2,583	574	27	4	4,975	2,645	4,756
70	228	81	870	49	245	361	100	8		156	372	419
71	410	9	379	17	405	65	150	3		604	83	169
72	124		32	7	14	2	14	1		11	22	15
73	1,160		11,208	24	136	435	11	6		159	131	464
74	3,070		25,137	100	742	1,400	8	26		395	1,000	1,220
75	15	2	83	6	20	31	22	4			62	158
76	11,104	2,781	99,885	2,710	19,108	27,729	18,147	3,732	700	13,786	51,992	283,456
77	10	1	22	1	16	15	13	1		10	12	122
78	8,322	1,132	28,386	759	16,074	17,592	11,253	776	310	8,180	11,369	252,716
79	3		3	3	1	11	2	2		4	46	22
80	1,245	198	52,639	1,440	1,029	9,458	1,538	1,505		3,434	37,299	18,271
81	350		20		154	21				23		195
82	2,830		575		680	200				495		3,750

AND RECEIPTS, BY COUNTIES: 1909.

1	1,407	487	1,175	228	1,129	1,031	1,436	424	81	980	429	1,460
2	257,471	56,814	177,664	26,067	238,121	145,401	507,928	26,404	8,512	147,966	43,125	284,323
3	104,405	13,910	65,795	6,888	87,657	54,620	149,136	7,662	3,476	55,529	12,801	111,081
4	6	5	6	1	5	12	15	9	4	2	5	87
5	257	68	178	50	146	305	1,473	172	85	56	205	3,491
6	793	895	698	434	420	609	669	517	57	453	695	823
7	65,418	73,154	36,297	39,784	26,687	29,559	81,755	27,381	5,210	43,658	52,403	88,963
8	166,044	9,549	34,420	5,153	404,775	60,539	383,371	10,922	1,080	543,699	28,413	608,059

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

		McLeod.	Mahno- men.	Marshall.	Martin.	Meeker.	Mille Lacs.	Morrison.	Mower.	Murray.
VALUE OF ALL CROPS										
1	Total.....dollars.....	2,894,083	145,635	2,086,783	3,155,826	3,310,451	680,497	1,901,837	3,231,403	2,297,548
2	Cereals.....dollars.....	2,382,431	94,707	2,313,218	2,604,379	2,731,476	178,259	1,250,520	2,146,010	1,760,449
3	Other grains and seeds.....dollars.....	33,951	13,248	230,560	25,916	76,401	4,300	51,754	320,717	147,930
4	Hay and forage.....dollars.....	329,146	23,793	328,798	458,496	351,107	251,558	335,221	526,517	309,552
5	Vegetables.....dollars.....	67,102	8,884	72,664	88,679	68,656	184,748	140,643	114,895	69,049
6	Fruits and nuts.....dollars.....	13,787	9	1,372	36,757	19,531	3,125	4,937	18,442	6,792
7	All other crops.....dollars.....	67,666	4,694	40,171	41,599	63,280	58,507	109,757	104,822	2,876
SELECTED CROPS (acres and quantity)										
8	Cereals:									
9	Total.....acres.....	122,758	9,453	188,539	196,727	152,729	10,535	95,602	174,164	168,554
10	bushels.....	3,558,785	150,707	3,625,267	6,284,407	4,167,088	349,540	2,069,474	5,002,794	4,168,544
11	Corn.....acres.....	24,024	100	763	79,370	23,991	2,059	16,036	41,086	53,820
12	bushels.....	937,430	3,003	19,423	2,936,289	841,327	89,661	467,967	1,287,543	1,510,531
13	Oats.....acres.....	18,798	3,514	47,589	105,977	26,155	3,998	23,195	100,730	62,511
14	bushels.....	709,011	78,890	1,280,787	3,155,855	1,040,683	104,764	604,529	3,020,317	1,800,650
15	Wheat.....acres.....	65,102	4,127	96,561	5,629	74,397	2,427	40,637	6,377	5,905
16	bushels.....	1,416,200	52,064	1,437,876	83,631	1,583,864	53,533	616,640	115,411	92,425
17	Emmer and spelt.....acres.....	171	16	24	405	52	52	171	320	1,413
18	bushels.....	5,955	300	2,395	662	11,169	1,837	4,062	7,585	30,488
19	Barley.....acres.....	11,602	1,697	41,601	5,105	20,571	1,097	3,631	23,605	40,224
20	bushels.....	333,716	23,830	856,862	99,193	547,188	33,771	88,933	552,293	660,400
21	Buckwheat.....acres.....	58	4	20	228	12	12	425	1,333	142
22	bushels.....	1,298	25	300	3,510	395	128	3,093	16,620	2,055
23	Rye.....acres.....	2,626	95	1,869	7,188	290	290	11,507	213	4,539
24	bushels.....	64,725	995	27,624	5,537	142,377	5,846	183,360	3,025	62,995
25	Other grains and seeds:									
26	Dry peas.....acres.....	7	2	4	.....	3	10	10	2	.....
27	bushels.....	.....	.....	37	.....	20	153	192	34	.....
28	Dry edible beans.....acres.....	7	2	52	6	18	30	61	19	9
29	bushels.....	78	16	486	104	335	686	1,350	100	160
30	Flaxseed.....acres.....	1,698	1,225	17,009	1,808	4,149	57	1,594	14,798	6,889
31	bushels.....	20,918	9,014	141,744	14,015	47,945	496	13,310	155,871	54,088
32	Hay and forage:									
33	Total.....acres.....	53,122	5,719	83,087	68,709	58,798	24,209	53,489	69,682	60,463
34	bushels.....	87,477	5,217	83,239	114,742	101,693	44,025	78,945	113,570	86,856
35	All tame or cultivated grasses.....acres.....	17,786	467	24,311	30,695	18,648	15,580	21,714	57,182	32,185
36	bushels.....	33,458	547	25,327	49,845	34,223	28,784	31,746	91,891	44,654
37	Timothy alone.....acres.....	2,794	290	15,887	12,198	6,001	5,208	7,117	21,985	24,519
38	Timothy and clover mixed.....acres.....	5,341	238	14,969	10,088	10,040	9,189	10,167	33,545	33,404
39	Clover alone.....acres.....	6,515	70	5,052	15,234	10,421	9,277	9,855	31,806	6,451
40	bushels.....	13,222	100	6,064	25,341	19,868	17,780	16,187	53,057	9,676
41	Alfalfa.....acres.....	276	.....	457	435	616	469	3,267	107	.....
42	Millet or Hungarian grass.....acres.....	542	.....	638	733	1,462	827	4,419	1,910	170
43	Other tame or cultivated grasses.....acres.....	8	.....	18	21	14	.....	.....	8	27
44	bushels.....	29	.....	34	34	57	.....	.....	20	52
45	Wild, salt, or prairie grasses.....acres.....	80	12	1,148	135	76	66	47	83	88
46	bushels.....	178	34	1,911	244	192	133	105	135	139
47	Grains cut green.....acres.....	8,113	95	1,749	2,069	1,520	480	1,438	2,332	1,003
48	bushels.....	14,146	175	1,711	3,905	2,598	855	1,878	3,224	1,213
49	Coarse forage.....acres.....	34,356	5,187	57,292	32,382	37,459	8,224	31,240	7,575	25,303
50	bushels.....	51,192	4,608	54,154	49,541	58,252	12,004	45,677	9,582	33,318
51	Special crops:									
52	Potatoes.....acres.....	1,160	161	1,074	1,406	1,222	3,860	3,861	2,519	1,279
53	bushels.....	136,473	17,586	158,864	175,074	146,016	570,432	461,863	231,628	108,559
54	All other vegetables.....acres.....	530	49	398	495	496	296	659	646	370
55	Sugar beets.....acres.....	84	.....	1	.....	27	.....	3	.....	.....
56	bushels.....	704	.....	8	.....	337	.....	0	283	.....
57	Maple trees.....number.....	2,384	.....	21	.....	10	1,581	610	.....	.....
58	Maple sugar (made).....pounds.....	1,030	.....	.....	.....	.....	175	140	.....	.....
59	Maple sirup (made).....gallons.....	469	.....	.....	.....	.....	354	168	.....	.....
60	Cane, sorghum.....acres.....	114	.....	.....	20	.....	.....	10	.....	.....
61	bushels.....	698	.....	.....	115	.....	.....	73	.....	.....
62	Sirup (made).....gallons.....	7,712	.....	.....	1,735	7,581	.....	827	.....	.....
FRUITS AND NUTS										
63	Orchard fruits:									
64	Total.....trees.....	22,979	.....	1,051	50,636	23,361	4,745	6,936	31,317	15,625
65	bushels.....	18,203	400	49,691	17,968	2,017	1,783	17,303	5,585	.....
66	Apples.....trees.....	21,148	280	44,170	23,638	4,018	4,128	27,451	10,608	10,608
67	bushels.....	14,907	283	40,415	17,765	1,960	1,504	10,941	5,506	5,506
68	Peaches and nectarines.....trees.....	.....	1	14	.....	.....	.....	.....	6	.....
69	bushels.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Plums and prunes.....trees.....	1,025	713	4,527	2,098	550	2,440	3,653	4,611	75
71	bushels.....	198	135	144	237	81	247	359	.....	.....
72	Cherries.....trees.....	181	57	1,740	201	101	356	204	381	2
73	bushels.....	8	7	88	11	10	31	8	.....	.....
74	Grapes.....vines.....	1,233	8	2,055	650	22	27	33	71	.....
75	pounds.....	7,342	.....	6,068	2,350	45	32	77	490	.....
76	Small fruits:									
77	Total.....acres.....	22	7	56	37	8	21	23	15	.....
78	bushels.....	20,240	30	5,147	69,508	32,830	7,297	21,704	36,426	10,062
79	Strawberries.....acres.....	14	3	48	21	4	9	19	10	.....
80	Raspberries and loganberries.....acres.....	0	2	6	12	3	8	3	.....	.....
81	pounds.....	4,131	1,732	5,434	9,048	2,170	6,393	2,351	460	.....
82	Nuts.....trees.....	33	.....	383	12	.....	.....	331	123	.....
83	pounds.....	836	.....	6,970	575	.....	.....	1,481	275	.....

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....Farms reporting.....	1,477	103	1,378	1,094	1,679	434	1,066	1,419	941
2	Cash expended.....dollars.....	197,364	11,845	355,368	182,039	270,669	35,431	99,181	230,407	151,005
3	Rent and board furnished.....dollars.....	63,154	3,800	106,176	56,363	112,943	10,511	29,108	77,090	55,428
4	Fertilizer.....Farms reporting.....	2	2	8	6	8	5	7	11	5
5	Amount expended.....dollars.....	62	175	575	188	566	168	149	517	132
6	Feed.....Farms reporting.....	621	977	659	704	697	697	943	898	488
7	Amount expended.....dollars.....	32,235	7,856	59,286	78,431	40,352	38,745	42,378	102,501	53,406
8	Receipts from sale of feedable crops.....dollars.....	40,453	4,626	221,660	725,828	126,872	29,069	53,232	537,637	569,708

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

	Rice.	Rock.	Roseau.	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.
VALUE OF ALL CROPS									
1 Total.....dollars.....	2,914,736	2,463,846	818,956	919,360	1,807,505	1,039,917	3,117,610	5,384,327	2,548,707
2 Cereals.....dollars.....	2,110,900	2,043,051	430,443	24,439	1,380,174	553,392	2,678,817	4,178,907	1,611,384
3 Other grains and seeds.....dollars.....	32,511	11,516	111,428	1,617	4,808	9,500	23,384	161,822	20,310
4 Hay and forage.....dollars.....	463,143	315,685	163,021	309,399	261,776	148,105	291,130	617,326	404,707
5 Vegetables.....dollars.....	97,766	81,350	64,523	220,550	51,012	289,746	60,302	219,733	74,575
6 Fruits and nuts.....dollars.....	20,494	7,417	270	745	14,146	2,417	12,472	12,906	18,896
7 All other crops.....dollars.....	180,856	4,827	49,271	362,604	95,589	31,757	51,505	193,573	412,836
SELECTED CROPS (acres and quantity)									
8 Cereals: Total.....acres.....	124,418	165,196	38,416	1,531	78,539	51,636	157,282	264,842	103,718
9 bushels.....	3,647,307	4,906,801	706,936	44,214	2,230,773	1,239,645	4,287,299	7,008,396	2,694,220
10 Corn.....acres.....	28,682	60,051	148	84	16,911	21,458	32,296	38,107	20,316
11 bushels.....	981,293	2,105,071	4,424	3,026	671,422	582,779	1,229,067	1,215,007	851,953
12 Oats.....acres.....	33,967	63,464	11,050	1,008	15,680	15,847	25,078	72,695	21,057
13 bushels.....	1,250,004	2,082,469	298,330	31,069	601,878	448,734	988,002	2,694,415	657,586
14 Wheat.....acres.....	42,799	2,270	18,172	91	34,095	3,709	83,941	116,052	43,597
15 bushels.....	895,927	33,611	243,302	1,899	704,437	61,945	1,071,795	2,180,907	775,609
16 Emmer and spelt.....acres.....	280	484	92	30	52	280	157	125	224
17 bushels.....	7,907	12,279	1,723	850	1,683	4,715	4,643	3,449	5,899
18 Barley.....acres.....	16,570	38,235	8,201	186	4,240	395	13,225	23,597	11,479
19 bushels.....	488,340	663,099	156,407	3,941	115,500	10,052	341,020	654,100	282,885
20 Buckwheat.....acres.....	61	22	2	2	20	71	37	70	91
21 bushels.....	624	1,075	434	80	512	643	534	1,286	1,023
22 Rye.....acres.....	2,039	570	131	130	7,541	10,420	2,548	14,136	962
23 bushels.....	41,712	8,697	2,196	3,349	135,341	130,777	51,038	259,532	19,767
24 Other grains and seeds:									
25 Dry peas.....acres.....	.....	.....	0	92	3	43	3	131	.....
26 bushels.....	3	.....	62	1,324	87	922	53	3,344	8
27 Dry edible beans.....acres.....	11	5	6	.....	15	78	2	27	4
28 bushels.....	138	40	134	10	72	907	77	732	57
29 Flaxseed.....acres.....	1,154	487	7,600	1	36	.....	1,632	8,438	1,304
.....bushels.....	14,066	3,918	70,111	15	346	.....	16,027	90,161	14,285
30 Hay and forage:									
31 Total.....acres.....	49,639	35,384	50,237	24,892	28,237	25,720	62,044	108,234	54,104
32 tons.....	100,097	64,007	52,704	28,247	55,818	33,597	91,194	162,200	95,888
33 All tame or cultivated grasses.....acres.....	26,687	21,125	4,503	19,028	8,272	10,618	12,840	31,133	19,817
34 Timothy alone.....acres.....	51,260	38,791	4,921	20,629	17,148	12,281	22,525	50,001	37,286
35 Timothy and clover mixed.....acres.....	8,453	6,518	2,030	3,270	2,534	4,812	3,890	12,056	5,211
36 tons.....	15,948	10,864	2,190	3,517	5,077	4,893	6,830	18,215	9,027
37 Clover alone.....acres.....	10,530	13,209	1,394	14,354	3,135	4,308	5,926	9,745	11,491
38 tons.....	21,260	25,460	1,716	15,767	6,880	5,430	10,988	16,921	22,611
39 Alfalfa.....acres.....	3,171	548	66	180	1,029	1,036	383	2,235	784
40 tons.....	6,358	902	58	240	2,245	1,509	770	3,644	1,748
41 Millet or Hungarian grass.....acres.....	52	29	10	.....	81	6	23	40	40
42 tons.....	147	80	15	2	244	10	28	73	86
43 Other tame or cultivated grasses.....acres.....	315	328	32	46	122	53	83	324	40
44 tons.....	627	725	33	82	375	62	156	396	80
45 Wild, salt, or prairie grasses.....acres.....	4,160	493	971	1,178	1,371	313	2,535	6,733	2,251
46 tons.....	6,920	760	909	1,021	2,327	377	4,041	10,752	3,734
47 Grains cut green.....acres.....	19,021	13,643	45,504	4,991	10,612	13,940	48,577	75,078	31,442
48 tons.....	35,628	23,070	47,490	5,569	37,303	18,342	67,183	106,587	48,647
49 Coarse forage.....acres.....	39	23	714	64	101	76	76	40	186
50 tons.....	152	52	168	1,058	95	228	75	87	391
51 Special crops:									
52 Potatoes.....acres.....	1,411	2,748	777	2,378	1,033	9,008	1,153	3,938	1,342
53 bushels.....	150,742	220,880	119,120	355,537	105,208	963,073	135,022	486,540	188,390
54 All other vegetables.....acres.....	767	118	428	539	331	357	599	1,394	461
55 Sugar beets.....acres.....	80	.....	.....	.....	80	18	3	47	93
56 tons.....	1,060	.....	.....	.....	823	32	32	591	944
57 Maple trees.....number.....	2,906	.....	.....	40	1,513	15	102	244	116
58 Maple sugar (made).....pounds.....	25	.....	.....	.....	100	.....	25	.....	.....
59 Maple sirup (made).....gallons.....	1,128	.....	.....	8	658	6	20	56	123
60 Cane, sorghum.....acres.....	37	.....	.....	.....	67	32	88	65	2
61 tons.....	332	.....	.....	.....	443	122	667	441	16
62 Sirup (made).....gallons.....	2,504	.....	.....	.....	5,955	1,328	8,488	5,854	155
FRUITS AND NUTS									
63 Orchard fruits: Total.....trees.....	43,077	18,102	62	292	21,458	3,855	19,031	19,007	36,472
64 bushels.....	31,464	8,959	9	137	17,094	1,066	14,887	8,337	18,752
65 Apples.....trees.....	39,474	11,690	2	235	18,742	2,700	15,517	14,201	32,961
66 bushels.....	31,173	8,770	1	132	16,754	1,042	14,316	8,148	18,404
67 Peaches and nectarines.....trees.....	24	50	.....	.....	51	.....	3	1	8
68 bushels.....	11	.....	.....	.....	15	.....	.....	.....	.....
69 Plums and prunes.....trees.....	3,442	3,955	42	47	2,448	1,029	3,239	3,739	3,145
70 bushels.....	287	154	8	4	320	23	544	143	316
71 Cherries.....trees.....	118	395	18	10	180	126	268	882	127
72 bushels.....	3	17	.....	.....	5	.....	27	39	6
73 Grapes.....vines.....	896	84	.....	.....	841	343	557	947	602
74 pounds.....	7,851	435	.....	.....	5,177	260	3,504	4,440	5,251
75 Small fruits: Total.....acres.....	43	12	4	7	20	12	26	22	29
76 bushels.....	48,319	9,280	1,591	5,092	23,339	10,162	17,082	24,172	35,529
77 Strawberries.....acres.....	26	12	1	4	7	9	14	12	20
78 bushels.....	31,702	8,749	637	3,080	10,781	7,542	9,898	14,757	27,444
79 Raspberries and loganberries.....acres.....	13	.....	2	2	7	2	11	6	9
80 bushels.....	13,810	120	346	1,489	7,450	1,825	5,709	5,852	6,932
81 Nuts.....trees.....	22	2,394	.....	.....	60	.....	40	157	192
82 pounds.....	1,400	300	.....	.....	1,240	.....	650	350	1,311

TABLE 5.—SELECTED FARM EXPENSES

1 Labor.....	Farms reporting.....	1,304	905	803	1,165	795	515	1,356	2,513	1,090
2 Cash expended.....dollars.....		106,717	215,256	61,700	197,735	123,127	62,532	228,055	403,121	182,127
3 Rent and board furnished.....dollars.....		59,589	78,902	20,947	56,880	41,123	23,695	93,619	147,653	68,035
4 Fertilizer.....	Farms reporting.....	10	4	3	30	8	10	5	17	4
5 Amount expended.....dollars.....		571	240	8	1,336	820	213	243	771	205
6 Feed.....	Farms reporting.....	838	308	753	1,070	487	449	586	1,208	830
7 Amount expended.....dollars.....		56,805	44,016	45,144	233,145	43,040	31,715	32,092	72,827	65,678
8 Receipts from sale of feedable crops.....dollars.....		222,164	745,717	20,224	15,933	50,279	99,054	62,741	325,181	52,310

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

	THE STATE.	Aitkin.	Anoka.	Becker.	Beltrami.	Benton.	Big Stone.	Blue Earth.	Brown.	Carlton.	
1	Inclosures reporting domestic animals...	50,412	201	325	455	286	388	288	995	725	374
2	Value of domestic animals.....dollars.	12,862,351	68,183	69,322	123,224	146,846	80,926	86,446	225,432	122,990	109,272
3	Cattle:										
4	Total number.....	53,946	404	209	633	310	509	349	1,184	757	696
5	Value.....dollars.	1,721,245	11,933	10,686	16,946	10,034	15,053	10,277	36,503	21,671	22,088
6	Number of dairy cows.....	40,979	245	251	441	225	343	236	780	635	461
7	Horses:										
8	Total number.....	83,654	364	488	878	843	489	544	1,516	834	548
9	Value.....dollars.	10,809,499	52,732	58,135	104,780	131,981	64,763	74,376	184,049	99,110	80,845
10	Number of mature horses.....	82,340	358	481	800	835	468	525	1,472	816	543
11	Mules and asses and burros:										
12	Total number.....	1,117	13		5	19	5	10	10	5	3
13	Value.....dollars.	193,431	2,850		690	3,090	335	1,450	2,070	725	220
14	Number of mature mules.....	977	13		5	16	5	6	9	4	2
15	Swine:										
16	Total number.....	10,365	37	42	73	144	55	40	220	178	20
17	Value.....dollars.	125,603	666	501	608	1,741	491	293	2,747	1,414	109
18	Sheep and goats:										
19	Total number.....	2,535	1		21		71	14	19	19	3
20	Value.....dollars.	12,573	2		140		284	50	63	70	10

	Carver.	Cass.	Chippewa.	Chisago.	Clay.	Clear-water.	Cook.	Cotton-wood.	Crow Wing.	Dakota.	Dodge.	
1	Inclosures reporting domestic animals...	470	222	329	247	394	100	27	487	532	626	427
2	Value of domestic animals.....dollars.	77,072	95,950	72,089	55,477	92,558	50,669	10,039	80,244	115,708	143,950	101,291
3	Cattle:											
4	Total number.....	412	332	331	208	461	102	46	550	665	822	494
5	Value.....dollars.	12,233	9,984	9,403	7,941	15,021	2,871	1,364	16,020	17,513	30,046	15,964
6	Number of dairy cows.....	335	223	268	203	392	74	24	457	518	445	378
7	Horses:											
8	Total number.....	533	496	503	392	648	268	64	666	770	754	677
9	Value.....dollars.	63,900	70,026	62,204	46,955	77,050	41,020	8,675	69,800	97,337	93,503	84,576
10	Number of mature horses.....	525	487	499	386	640	267	64	659	762	741	668
11	Mules and asses and burros:											
12	Total number.....	1	24	3		1	34		9	1	7	2
13	Value.....dollars.	50	5,000	260		50	6,700		875	25	1,075	250
14	Number of mature mules.....	1	24	2		1	34		9		7	2
15	Swine:											
16	Total number.....	155	67	17	38	25	8		153	50	1,106	27
17	Value.....dollars.	878	983	214	554	402	78		1,712	688	18,001	281
18	Sheep and goats:											
19	Total number.....	3	84	1	6	11			57	28	104	54
20	Value.....dollars.	11	357	3	27	35			237	95	725	236

	Douglas.	Faribault.	Filmore.	Freeborn.	Goodhue.	Grant.	Hennepin.	Houston.	Hubbard.	Isanti.	Itasca.	
1	Inclosures reporting domestic animals...	503	799	928	492	926	251	5,786	427	332	145	395
2	Value of domestic animals.....dollars.	94,718	165,079	177,547	120,088	200,710	54,836	2,062,893	70,556	80,889	32,181	109,804
3	Cattle:											
4	Total number.....	639	843	905	516	1,160	280	2,527	584	482	310	455
5	Value.....dollars.	17,845	27,152	30,254	14,050	35,721	8,526	94,635	17,991	13,705	7,175	17,328
6	Number of dairy cows.....	485	643	690	353	879	224	2,204	403	344	218	349
7	Horses:											
8	Total number.....	662	1,215	1,216	870	1,305	367	14,127	496	548	217	651
9	Value.....dollars.	76,325	132,295	141,307	103,080	161,918	39,384	1,920,564	58,304	74,567	24,655	91,355
10	Number of mature horses.....	671	1,177	1,203	854	1,285	364	14,069	482	539	211	643
11	Mules and asses and burros:											
12	Total number.....	8	7	29	2	9	29	241	15	6	1	2
13	Value.....dollars.	650	580	4,765	270	1,368	0,325	44,326	2,050	6	5	200
14	Number of mature mules.....	4	1	29	1	8	8	228	15			2
15	Swine:											
16	Total number.....	97	307	85	84	148	17	263	104	47	24	52
17	Value.....dollars.	747	4,761	1,123	1,403	1,470	91	2,084	1,206	649	253	849
18	Sheep and goats:											
19	Total number.....	35	57	5	15	41	4	29	1	102	29	16
20	Value.....dollars.	151	291	38	85	233	10	184	5	343	93	72

	Jackson.	Kanabec.	Kandi-yobi.	Kittson.	Koochi-ching.	Lac qui Parle.	Lake.	Le Sueur.	Lincoln.	Lyon.	McLeod.	
1	Inclosures reporting domestic animals...	410	98	507	220	59	329	183	534	241	616	682
2	Value of domestic animals.....dollars.	86,128	23,995	93,685	51,293	19,040	83,574	82,070	64,225	55,768	144,855	140,266
3	Cattle:											
4	Total number.....	473	128	709	457	122	334	312	480	263	715	717
5	Value.....dollars.	14,203	3,688	18,222	12,196	3,770	10,500	12,816	13,038	9,231	21,845	23,934
6	Number of dairy cows.....	384	92	499	296	52	292	236	340	226	556	566
7	Horses:											
8	Total number.....	593	149	637	339	118	599	334	448	378	930	880
9	Value.....dollars.	67,185	20,145	73,436	38,333	15,495	68,935	68,850	48,633	44,605	118,370	115,100
10	Number of mature horses.....	573	148	623	328	116	588	332	434	300	904	857
11	Mules and asses and burros:											
12	Total number.....	11		8			7	1	5	3	5	5
13	Value.....dollars.	1,395		1,450			1,938	90	525	350	700	420
14	Number of mature mules.....	10		8			5	1	4	1	4	5
15	Swine:											
16	Total number.....	258	11	47	71	14	140	23	101	35	311	98
17	Value.....dollars.	3,327	162	425	701	247	2,190	311	1,419	281	3,930	737
18	Sheep and goats:											
19	Total number.....	5		26	13	23	1	2	1	313	4	14
20	Value.....dollars.	18		52	63	128	5	3	10	1,301	10	69

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

		Mahno- men.	Marshall.	Martin.	Meeker.	Mille Lacs.	Morrison.	Mower.	Murray.	Nicollet.	Nobles.	Norman.
1	Inclosures reporting domestic animals...	102	178	549	426	344	682	837	308	385	572	342
2	Value of domestic animals.....dollars..	30,566	39,556	131,606	85,840	77,230	140,654	173,332	66,270	69,221	126,057	63,151
3	Cattle:											
4	Total number.....	245	369	508	494	511	924	680	400	425	743	566
5	Value.....dollars..	6,308	8,101	17,575	14,959	14,085	25,063	22,777	11,714	12,451	25,765	14,180
6	Number of dairy cows.....	146	229	368	401	377	726	554	294	327	497	392
7	Horses:											
8	Total number.....	221	238	972	624	570	885	1,215	484	523	827	419
9	Value.....dollars..	28,780	30,485	112,398	69,760	62,135	113,210	145,499	50,305	56,419	93,447	48,021
10	Number of mature horses.....	213	236	955	621	560	856	1,188	473	515	813	401
11	Mules and asses and burros:											
12	Total number.....	2	4	3	3	.....	3	7	15	2	13	7
13	Value.....dollars..	200	550	200	300	.....	475	565	2,750	100	1,455	670
14	Number of mature mules.....	2	4	3	3	.....	3	4	12	.....	12	4
15	Swine:											
16	Total number.....	32	27	149	55	97	213	231	115	28	376	20
17	Value.....dollars..	278	405	1,253	618	939	1,847	4,466	1,501	251	4,334	188
18	Sheep and goats:											
19	Total number.....	.....	5	28	39	21	19	5	.....	.....	129	15
20	Value.....dollars..	.....	15	180	203	71	59	25	.....	.....	1,026	92

		Olmsted.	Otter Tail.	Penning- ton.	Pine.	Pipestone.	Polk.	Pope.	Ramsey.	Red Lake.	Redwood.	Renville.
1	Inclosures reporting domestic animals...	732	1,112	243	334	389	724	312	3,460	234	455	549
2	Value of domestic animals.....dollars..	155,345	211,520	38,815	60,351	61,709	189,938	60,036	1,223,295	43,846	136,923	125,490
3	Cattle:											
4	Total number.....	782	1,380	273	529	393	890	396	1,234	495	599	881
5	Value.....dollars..	24,786	41,056	8,718	15,077	13,365	29,786	11,446	43,857	11,972	18,863	35,236
6	Number of dairy cows.....	584	1,097	242	366	356	740	312	1,107	346	353	522
7	Horses:											
8	Total number.....	1,168	1,499	245	393	471	1,154	463	8,510	247	958	731
9	Value.....dollars..	126,647	166,899	29,650	44,178	45,100	156,868	55,835	1,150,913	31,320	106,707	86,770
10	Number of mature horses.....	1,149	1,443	240	378	459	1,130	451	8,483	243	926	723
11	Mules and asses and burros:											
12	Total number.....	5	12	2	4	24	14	9	173	.....	18	6
13	Value.....dollars..	826	1,700	300	500	1,875	2,060	1,235	32,800	.....	3,784	395
14	Number of mature mules.....	4	12	1	4	17	11	8	161	.....	17	2
15	Swine:											
16	Total number.....	281	197	16	92	51	63	21	65	61	413	241
17	Value.....dollars..	2,761	1,737	124	518	533	957	163	344	417	7,395	3,089
18	Sheep and goats:											
19	Total number.....	61	39	3	10	166	70	93	101	35	29	.....
20	Value.....dollars..	326	128	23	78	836	267	357	381	137	174	.....

		Rice.	Rock.	Roseau.	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.	Stevens.	Swift.
1	Inclosures reporting domestic animals...	928	378	119	3,712	354	209	381	1,433	534	232	420
2	Value of domestic animals.....dollars..	191,707	134,831	35,644	1,213,684	80,130	43,307	73,982	271,572	118,040	53,274	96,280
3	Cattle:											
4	Total number.....	646	392	235	4,915	407	324	435	1,637	543	241	679
5	Value.....dollars..	20,283	13,755	6,768	198,255	13,270	10,261	12,943	47,171	19,341	6,952	20,064
6	Number of dairy cows.....	489	285	158	4,184	334	245	356	1,300	447	192	442
7	Horses:											
8	Total number.....	1,423	682	178	5,842	486	293	495	1,853	761	384	641
9	Value.....dollars..	167,675	112,508	28,334	904,831	65,310	31,036	60,460	220,439	95,671	46,097	73,722
10	Number of mature horses.....	1,412	671	168	5,790	478	290	490	1,821	748	380	611
11	Mules and asses and burros:											
12	Total number.....	7	7	.....	93	5	.....	2	9	10	.....	1
13	Value.....dollars..	2,280	2,000	.....	17,560	700	.....	100	950	2,407	.....	75
14	Number of mature mules.....	3	6	.....	92	5	.....	9	10	10	.....	1
15	Swine:											
16	Total number.....	189	388	11	231	126	142	58	309	45	20	165
17	Value.....dollars..	1,458	6,071	163	2,576	847	2,010	412	2,930	621	220	2,095
18	Sheep and goats:											
19	Total number.....	3	38	56	63	1	.....	14	19	.....	1	60
20	Value.....dollars..	11	497	379	462	3	.....	67	82	.....	5	274

		Todd.	Traverse.	Wabasha.	Wadena.	Waseca.	Washing- ton.	Waton- wan.	Wilkin.	Winona.	Wright.	Yellow Medicine.
1	Inclosures reporting domestic animals...	607	264	677	229	406	807	392	217	961	726	426
2	Value of domestic animals.....dollars..	108,348	75,298	170,686	46,023	63,759	186,499	87,562	57,031	205,936	155,478	99,201
3	Cattle:											
4	Total number.....	904	262	673	263	458	894	563	309	675	949	581
5	Value.....dollars..	26,660	8,401	21,280	8,267	12,709	27,406	18,240	10,380	21,050	30,399	16,483
6	Number of dairy cows.....	725	209	532	206	333	651	426	248	489	647	450
7	Horses:											
8	Total number.....	776	477	1,155	299	465	1,091	559	373	1,464	998	747
9	Value.....dollars..	70,354	62,229	144,901	37,194	49,756	154,524	66,225	45,940	183,230	121,630	79,319
10	Number of mature horses.....	743	449	1,128	293	454	1,072	553	365	1,442	977	723
11	Mules and asses and burros:											
12	Total number.....	6	18	17	.....	2	18	9	2	7	11	21
13	Value.....dollars..	820	4,250	3,305	.....	560	2,950	1,850	225	783	1,465	3,035
14	Number of mature mules.....	6	3	12	.....	.....	15	5	.....	.....	7	16
15	Swine:											
16	Total number.....	106	46	117	37	83	163	110	20	69	238	40
17	Value.....dollars..	1,233	318	1,122	572	676	1,585	1,239	250	777	2,561	362
18	Sheep and goats:											
19	Total number.....	53	1	17	.....	13	5	1	65	18	6	1
20	Value.....dollars..	281	100	78	.....	58	24	8	230	96	23	2

CHAPTER 4.

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

Introduction.—This chapter gives the statistics of manufactures for the state of Minnesota 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 cities of Minneapolis, St. Paul, and Duluth. 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 Duluth, Minneapolis, and St. Paul for all industries combined and selected industries, and for each city 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 in to (1) proprietors and officials, (2)

clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

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

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

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

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

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

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

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the total number under 16 years of age, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children (under 16) employed each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

Prevailing hours of labor.—The census made no attempt to ascertain the number of employees working a given number of hours per week. The inquiry called merely for the prevailing practice

followed in each establishment. Occasional variations in hours in an establishment from one period to another are disregarded, and no attention is given to the fact that a limited number of employees may have hours differing from those of the majority. In the tables all the wage earners of each establishment are counted in the class within which the establishment itself falls. In most establishments, however, all or practically all the employees work the same number of hours, so that these figures give a substantially correct picture of the hours of labor in manufacturing industries.

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

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

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

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

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

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

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

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

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 tables presenting general statistics.

INDUSTRIES IN GENERAL.

General character of the state.—Minnesota, with a gross area of 84,682 square miles, of which 3,824 represent water surface, and a population in 1910 of 2,075,708, ranks eleventh in area and nineteenth in population among the 49 states and territories of continental United States. The total population was 1,751,394 in 1900 and 1,310,283 in 1890. In 1910 the density of population for the entire state was 25.7 per square mile, the corresponding figures for 1900 being 21.7 and for 1890, 16.2. Forty-one per cent of the entire population of the state resided in incorporated cities and villages having 2,500 inhabitants or over, as against 34.1 per cent in 1900.

The state had eight cities having a population of over 10,000 inhabitants in 1910. Of these, Minneapolis, with a population of 301,408; St. Paul, with 214,744; and Duluth, with 78,466, were the only cities having over 50,000 inhabitants. Winona had a population of 18,583, while the population of St. Cloud, Virginia, Mankato, and Stillwater was but slightly in excess of 10,000. Only 9.4 per cent of the population resided in incorporated places having from 2,500 to 10,000 inhabitants.

Minnesota has a great diversity of valuable natural resources. Its iron-ore deposits are the richest in the country; it ranked third in 1909 among the states in the production of wheat; and its timber lands are extensive. The iron mines do not contribute directly to the state's manufactures, because the ore is shipped to eastern blast furnaces. The wheat fields and the forests, however, furnish the raw materials for the two most important industries in the state. The transportation facilities, both rail and water, are ex-

cellent. St. Paul and Minneapolis form one of the most important centers for transcontinental railway traffic, while Duluth, at the western end of Lake Superior, reports larger shipments by water than any other city on the Great Lakes and ranks as one of the important ports of the United States.

Importance and growth of manufactures.—Although Minnesota is not essentially a manufacturing state, the proportion which the value of its manufactures represented of the total value of manufactured products in the United States increased steadily, from less than two-tenths of 1 per cent in 1859 to 2 per cent in 1889, the proportion remaining unchanged in 1899 and 1909. In 1859 the total value of the manufactures of the state, including the products of the neighborhood and hand industries, amounted to only \$3,373,172, while in 1909, exclusive of the value of the products of the neighborhood and hand industries, it reached \$409,419,621. The latter amount was over one hundred and twenty-one times as large as the former, whereas the population of the state was only a little more than twelve times as large in 1910 as in 1860. The value of manufactured products per capita of the total population of the state increased from \$20 to \$197 during the 50 years. Minnesota ranked thirty-second in 1859 among the states and territories in respect to gross value of products, but advanced to thirteenth place in 1899, which position was retained in 1904 and 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.....	5,561	4,756	4,096	16.9	16.1
Persons engaged in manufactures.....	104,406*	83,301	(1)	25.3	-----
Proprietors and firm members.....	5,376	4,524	(1)	18.8	-----
Salaried employees.....	14,263	9,141	6,625	56.0	38.0
Wage earners (average number).....	84,767	69,636	64,557	21.7	7.9
Primary horsepower.....	297,670	220,934	180,124	34.7	22.7
Capital.....	\$275,416,000	\$184,903,000	\$133,077,000	49.0	38.9
Expenses.....	376,062,000	279,924,000	198,135,000	34.3	41.3
Services.....	62,923,000	44,876,000	35,093,000	40.2	27.9
Salaries.....	15,452,000	9,033,000	6,064,000	71.1	49.0
Wages.....	47,471,000	35,843,000	29,029,000	32.4	23.5
Materials.....	281,622,000	210,554,000	150,299,000	33.8	40.1
Miscellaneous.....	31,517,000	24,494,000	12,743,000	28.7	92.2
Value of products.....	409,420,000	307,858,000	223,693,000	33.0	37.6
Value added by manufacture (value of products less cost of materials).....	127,798,000	97,304,000	73,394,000	31.3	32.6

* Figures not available.

In 1909 the state of Minnesota had 5,561 manufacturing establishments, which gave employment to an average of 104,406 persons during the year and paid out \$62,923,000 in salaries and wages. Of the persons employed, 84,767 were wage earners. These establishments turned out products to the value of \$409,420,000, to produce which materials costing \$281,622,000 were utilized. The value added by manufacture was thus \$127,798,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

In general, this table brings out the fact that the manufacturing industries of Minnesota as a whole have developed rapidly during the decade, the actual increase being greater for the five-year period 1904-

1909 than for the five-year period 1899-1904. During the more recent period the number of establishments increased 16.9 per cent, the average number of wage earners 21.7 per cent, the value of products 33 per cent, and the value added by manufacture 31.3 per cent. The increase in value of products for the decade 1899-1909 was 83 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 certainly due, in part, to the increase that has taken place in the price 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. ¹			
		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.....	5,561	84,767	100.0	\$409,420,000	100.0	\$127,798,000	100.0	33.0	37.6	31.3	32.6
Flour-mill and gristmill products.....	322	4,345	5.1	130,130,000	34.0	14,010,000	11.7	14.0	47.1	14.8	41.8
Lumber and timber products.....	525	20,704	24.4	42,358,000	10.3	21,488,000	10.8	0.8	-10.7	-11.3	4.2
Slaughtering and meat packing.....	30	1,021	2.3	25,754,000	6.3	3,598,000	2.8	40.4	125.2	44.8	151.5
Butter, cheese, and condensed milk.....	784	1,184	1.4	25,287,000	6.2	2,580,000	2.0	90.5	51.8	49.0	34.1
Printing and publishing.....	950	5,041	6.7	15,982,000	3.9	11,980,000	0.3	38.2	41.1	35.4	33.0
Foundry and machine-shop products.....	247	6,002	7.1	15,000,000	3.8	8,424,000	6.0	04.1	27.8	05.4	20.3
Cars, and general shop construction and repairs by steam-railroad companies.....	28	8,232	9.7	12,631,000	3.1	0,137,000	4.8	71.2	10.8	67.5	24.6
Oil, linseed.....	0	374	0.4	11,037,000	2.7	1,352,000	1.1	67.3	114.4	45.5	188.5
Liquors, malt.....	05	1,053	2.0	10,508,000	2.6	8,225,000	0.4	71.1	38.0	85.8	23.7
Boots and shoes, including cut stock and findings.....	18	2,004	3.1	7,598,000	1.8	2,033,000	2.1	81.6	15.3	71.2	24.2
Bread and other bakery products.....	403	1,090	2.0	6,785,000	1.7	2,081,000	2.3	40.0	07.4	51.0	50.8
Clothing, men's, including shirts.....	41	2,150	2.5	4,450,000	1.1	1,645,000	1.3	07.0	10.1	55.8	12.2
Patent medicines and compounds and druggists' preparations.....	101	475	0.6	4,412,000	1.1	2,722,000	2.1	40.7	230.5	51.0	195.0
Malt.....	9	138	0.2	4,315,000	1.1	784,000	0.6	200.2	505.0	100.5	301.3
Food preparations.....	30	405	0.5	4,207,000	1.0	1,383,000	1.1	104.4	127.0	107.7	212.7
Fur goods.....	42	1,050	1.2	3,770,000	0.9	1,503,000	1.2	11.7	70.8	14.3	60.3
Furniture and refrigerators.....	67	1,005	2.0	3,760,000	0.9	1,850,000	1.5	40.7	24.2	20.9	44.7
Tobacco manufactures.....	330	1,013	1.0	3,305,000	0.8	2,100,000	1.0	5.0	20.7	0.1	38.8
Agricultural implements.....	17	1,014	1.2	3,014,000	0.7	1,924,000	1.5	4.8	63.5	7.2	71.8
Coffee and spice, roasting and grinding.....	12	342	0.4	2,097,000	0.7	644,000	0.5	05.0	45.3	45.4	10.0
Marble and stone work.....	112	1,738	2.1	2,005,000	0.7	1,020,000	1.5	138.2	13.0	112.4	7.1
Gas, illuminating and heating.....	42	848	1.0	2,874,000	0.7	2,054,000	1.0	41.4	88.9	45.8	82.5
Leather goods.....	43	870	1.0	2,821,000	0.7	1,135,000	0.9	44.6	37.8	35.8	62.0
Copper, tin, and sheet-iron products.....	114	1,081	1.3	2,705,000	0.7	1,418,000	1.1	40.4	14.5	41.5	13.2
Paper and wood pulp.....	0	007	0.7	2,385,000	0.6	947,000	0.7	108.1	.....	101.9	.....
Confectionery.....	30	715	0.8	2,340,000	0.6	970,000	0.8	40.1	67.2	20.3	75.2
Hosiery and knit goods.....	10	1,052	1.2	2,243,000	0.5	1,157,000	0.9	80.4	193.4	100.5	170.9
Cooperage and wooden goods, not elsewhere specified.....	32	850	1.0	2,187,000	0.5	704,000	0.0	14.3	11.4	7.6	12.0
Carrriages and wagons and materials.....	134	868	1.0	2,175,000	0.5	1,192,000	0.9	10.4	-11.4	19.1	-12.5
Mattresses and spring beds.....	15	453	0.5	1,508,000	0.4	698,000	0.0	150.6	10.7	145.8	24.6
Paint and varnish.....	14	164	0.2	1,480,000	0.4	600,000	0.5	.....	.....	.....	.....
Brick and tile.....	82	1,038	1.2	1,442,000	0.4	1,004,000	0.8	17.5	58.9	13.0	50.0
Canning and preserving.....	32	415	0.5	1,343,000	0.3	448,000	0.4	72.6	133.6	30.0	183.5
Artificial stone.....	123	593	0.8	1,000,000	0.3	711,000	0.0	183.9	.....	187.0	.....
Boxes, fancy and paper.....	11	056	0.7	1,023,000	0.2	542,000	0.4	124.3	132.7	132.6	82.0
Woolen, worsted, and felt goods, and wool hats.....	10	277	0.3	800,000	0.2	270,000	0.2	-11.0	50.2	-17.7	45.8
Stoves and furnaces, including gas and oil stoves.....	10	185	0.2	600,000	0.1	355,000	0.3	97.4	.....	75.7	.....
Electrical machinery, apparatus, and supplies.....	13	187	0.2	520,000	0.1	300,000	0.2	24.1	80.0	20.1	123.0
Fancy articles, not elsewhere specified.....	4	231	0.3	387,000	0.1	230,000	0.2	-11.8	357.3	-12.0	421.2
Shipbuilding, including boat building.....	33	200	0.3	377,000	0.1	210,000	0.2	10.2	52.7	-8.8	72.7
Photo-engraving.....	0	168	0.2	350,000	0.1	311,000	0.2	141.4	107.1	154.9	103.3
Bicycles, motorcycles, and parts.....	0	54	0.1	320,000	0.1	111,000	0.1	858.8	-40.3	455.0	-44.4
Limo.....	8	203	0.2	311,000	0.1	165,000	0.1	7.0	.....	4.3	.....
Clothing, women's.....	11	203	0.2	305,000	0.1	195,000	0.2	-3.8	-25.8	10.8	-27.0
Musical instruments, pianos and organs and materials.....	5	143	0.2	294,000	0.1	108,000	0.1	.....	.....	.....	.....
Gas and electric fixtures and lamps and reflectors.....	14	80	0.1	284,000	0.1	140,000	0.1	184.0	10.0	145.0	.....
Jewelry.....	17	110	0.1	255,000	0.1	105,000	0.1	08.9	420.7	71.4	716.7
Paper goods, not elsewhere specified.....	8	87	0.1	252,000	0.1	100,000	0.1	.....	.....	.....	.....
Show cases.....	7	104	0.1	241,000	0.1	120,000	0.1	18.3	500.7	44.9	535.7
Surgical appliances and artificial limbs.....	11	52	0.1	201,000	(2)	105,000	0.1	39.6	34.6	40.0	41.2
All other industries.....	552	7,202	8.5	20,342,000	6.4	10,203,000	8.0	.....	.....	.....	.....

¹ Percentages of increase are based on figures in Table I; a minus sign (-) denotes decrease. Where the percentages are omitted, comparable figures can not be given.
² 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 material for another establishment.

In addition to the 38 industries presented separately in the preceding table which reported products valued at more than \$500,000, there are 12 others each of which had a value of products in excess of that amount in 1909. They are included under the head of "All other industries" in the table, because in some cases the operations of individual establishments would be disclosed if they were shown separately; in others, because the returns do not properly present the true condition of the industry, for the reason that it is more or less interwoven with one or more other industries; and in still others, because comparable statistics for the different census years can not be presented on account of changes in classification. The most important of these industries is the manufacture of bags, other than paper. The other industries not shown separately are as follows: Belting and hose, leather; cars and general shop construction and repairs by street-railroad companies; iron and steel, blast furnaces; mats and matting; millinery and lace goods; mineral and soda waters; pottery, terra-cotta, and fire-clay products; roofing materials; stationery goods not elsewhere specified; steam packing; and wood preserving. The 1909 statistics for the manufacture of millinery and lace goods are, however, given in Table II, page 698.

Although a few industries predominate 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 table, in which they are arranged in the order of the value of products, call for brief consideration.

Flour-mill and gristmill products.—This industry includes statistics for all mills grinding wheat, corn, rye, and other cereals, as well as those making hominy and grits, but it does not include statistics for factories manufacturing fancy cereals or other food preparations as chief products. The figures for mills doing custom grinding only are excluded, but they are shown separately on page 691. Measured by value of products, Minnesota is the leading state of the Union in this industry, contributing 15.7 per cent of the total reported in 1909 for the entire industry in the United States, as compared with 17.1 per cent in 1904 and 16.6 per cent in 1899. In 1909 the value of the output, \$139,136,000, represented over one-third of the total value of the products for all manufacturing industries in the state. The increase in this industry for the decade was \$56,148,000, or 67.7 per cent; this gain, however, was due more to the higher prices prevailing in 1909 than to an increase in output.

Lumber and timber products.—In addition to the logging plants, this classification includes sawmills, planing mills, and wooden packing-box factories. It does not include statistics of mills engaged exclusively in custom sawing for local consumption, the figures for which are shown separately on page 691. The first manufacturing establishment in the state was a sawmill located at Fort Snelling, which began operation in 1821. Two years later, however, it was also equipped for grinding flour.¹ Of the 525 establishments reported for this industry in 1909, 401 were logging plants and sawmills, 93 were planing mills, and 31 were wooden packing-box factories. The total value of products, \$42,353,000, shown for 1909, which represented 10.3 per cent of the total reported for all manufacturing industries in the state, was practically the same as that shown for 1904, but less than that for 1899. More wage earners were engaged in this class of manufactures than in any other three industries in the state combined. In capital invested, in amount paid in wages, and in value added by manufacture, this industry also leads all others in the state.

Slaughtering and meat packing.—This industry includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage only, but does not include the numerous retail butcher shops which slaughter a large number of animals. The value of products reported for the industry in 1909 was \$25,754,000, or more than three times the value of its output in 1899, the industry becoming of more importance in this respect than the butter and cheese industry and printing and publishing, both of which outranked it in 1899.

Butter, cheese, and condensed milk.—The establishments included in this classification for Minnesota are engaged almost wholly in the manufacture of butter, as very little cheese was manufactured in 1909 and no condensed milk. The industry has undergone a rapid development during the past 10 years, the value of its output having increased from \$8,480,000 in 1899 to \$25,287,000 in 1909, a gain of \$16,807,000, or 197.9 per cent, during the decade. Minnesota has advanced from sixth place among the states of the Union in this industry, as measured by value of products, in 1899, to fifth in 1904 and to fourth in 1909.

Printing and publishing.—This industry comprises mainly the publication of books, newspapers and periodicals, and job printing, but it also includes book-binding, steel engraving, lithographing, and the publishing of music. The value of products nearly doubled during the decade, increasing from \$8,197,000 in 1899 to \$15,982,000 in 1909.

Foundry and machine-shop products.—Not only foundries and machine shops, but also such allied industries as the manufacture of gas meters, hardware,

¹ Minnesota Bureau of Labor Statistics, 1891-1894, p. 165.

steam fittings, and structural ironwork are included in this classification. The industry in the state was really of greater importance than the statistics indicate, as some of the establishments were assigned to other classifications because they manufactured distinctive products, such as electrical machinery. The number of establishments increased from 199 in 1899 to 247 in 1909, and the value of products advanced from \$7,438,000 to \$15,609,000, or more than doubled during the 10 years. A number of the most important establishments are engaged in the manufacture of structural steel, ornamental and architectural ironwork, car wheels, and various classes of engines and castings.

Cars and general shop construction and repairs by steam-railroad companies.—The industry represents the work done in the steam-railroad repair shops, but does not include the minor repairs made in round-houses. The operations consist almost exclusively of repairs to the rolling stock and equipment. The railroad repair shops gave employment in 1909 to more wage earners, 8,232, and distributed a greater amount for wages, \$5,586,000, than any other industry in the state, with the exception of the lumber industry.

Oil, linseed.—Flax, one of the principal agricultural products of Minnesota and the Dakotas, furnishes the raw material for the manufacture of linseed oil. The recent radical changes in the methods of agriculture and the rotation of flax with other crops have made it more profitable to raise flax, thereby stimulating the manufacture of linseed oil. The growth of this industry has been remarkable, for in 1889 there were only three establishments located in the state, which reported products valued at \$1,548,000. During the decade following the value of the output increased \$1,725,000, or 111.4 per cent, while from 1899 to 1909 it advanced from \$3,273,000 to \$11,037,000, a gain of \$7,764,000, or 237.2 per cent. Part of this increase, however, is to be attributed to the marked advance in the price of the product.

The rank of some of the industries shown separately in the table changes to a marked degree when determined by value added by manufacture instead of by value of products. The lumber and the flour-mill and gristmill industries exchange places, while the printing and publishing and the foundry and machine-shop industries become third and fourth in importance, thereby displacing the slaughtering and meat-packing and the butter and cheese industries, which drop to seventh and eleventh places, respectively. The malt-liquor industry advanced from ninth to fifth place, and steam-railroad repair shops from seventh to sixth place. The most pronounced change is in the linseed-oil industry, which dropped from eighth place in value of products to twenty-first in value added by manufacture.

This table shows also the percentages of increase for these leading industries in respect to value of products

and value added by manufacture where comparable figures can be given. All but three of the 50 industries presented separately in the table show an increase from 1904 to 1909 in value of products, and all but four an increase in value added by manufacture. During the preceding five-year period all but four industries show an increase in the value of products, and all but three an increase in value added by manufacture. From 1904 to 1909 the largest increases in both items are shown for bicycles, motorcycles, and parts. As this industry is among the least important presented in the table, the percentages which are shown for the manufacture of malt, food preparations, butter and cheese, and boots and shoes, though smaller, are decidedly more significant.

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.....	104,406	90,058	14,348
Proprietors and officials.....	9,142	8,608	234
Proprietors and firm members.....	5,376	5,200	176
Salaried officers of corporations.....	1,508	1,500	88
Superintendents and managers.....	2,170	2,142	28
Clerks.....	10,407	7,801	2,606
Wage earners (average number).....	84,767	73,250	11,517
16 years of age and over.....	84,461	73,038	11,423
Under 16 years of age.....	306	221	85

The average number of persons engaged in manufactures during 1909 was 104,406, of whom 84,767 were wage earners. Of the remainder, 9,142 were proprietors and officials and 10,497 were clerks. Corresponding figures for individual industries will be found in Table II, page 698.

The next 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 17 important industries individually.

Of the total number of persons engaged in all manufacturing industries, 8.8 per cent were proprietors and officials, 10.1 per cent clerks, and 81.2 per cent wage earners. The highest percentage of proprietors and officials shown for any individual industry, 33.1, is for the establishments manufacturing butter and cheese; this is due to the fact that many of the establishments in this industry are carried on by cooperative associations, and from the information contained

in the reports it often was impossible to distinguish such associations from partnerships. It is probable, therefore, that members of some of these cooperative associations have been counted as partners. In the bakery, tobacco manufactures, and the printing and publishing industries the proportion of persons in this class is also much higher than for most other industries or for all industries combined, and may be accounted for by the fact that many of the establishments in these industries are small and the work is done to a large extent by the proprietors or their immediate representatives.

On account of the large average number of wage earners to an individual establishment in the boot and shoe factories and in the steam-railroad repair shops, these industries show the smallest proportions of proprietors and officials.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	104,406	8.8	10.1	81.2
Agricultural implements.....	1,293	3.9	17.7	78.4
Boots and shoes, including out stock and findings.....	2,049	1.8	7.9	90.3
Bread and other bakery products.....	2,435	19.5	10.8	69.6
Butter, cheese, and condensed milk.....	1,971	33.1	6.8	60.1
Cars and general shop construction and repairs by steam-railroad companies.....	8,681	2.4	2.7	94.8
Clothing, men's, including shirts.....	2,432	3.7	7.7	88.7
Flour-mill and gristmill products.....	6,800	11.9	25.1	63.1
Foundry and machine-shop products.....	7,273	7.2	10.2	82.5
Fur goods.....	1,300	0.2	12.5	81.2
Furniture and refrigerators.....	1,932	0.2	6.1	87.7
Liquors, malt.....	2,238	8.6	17.5	73.9
Lumber and timber products.....	22,304	4.0	2.6	92.8
Oil, linseed.....	493	4.2	9.5	86.4
Patent medicines and compounds and druggists' preparations.....	1,083	13.9	42.2	43.9
Printing and publishing.....	9,078	16.2	21.7	62.1
Slaughtering and meat packing.....	2,452	2.6	18.0	78.3
Tobacco manufactures.....	2,130	10.3	5.0	75.7
All other industries.....	27,532	9.9	8.9	81.1

The next table shows, in percentages, for 1909, 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.

For all industries combined, 86.2 per cent of the average number of wage earners were males 16 years of age and over, 13.5 per cent females 16 years of age and over, and less than 1 per cent children under 16 years of age. In the manufacture of men's clothing nearly nine-tenths of the wage earners were women 16 years of age and over, in the fur-goods industry the proportion was nearly three-fifths, and in the patent-medicine industry it was over two-fifths. Women were also employed to a considerable extent in the boot and

shoe, bakery, printing and publishing industries, and in tobacco manufactures.

The number of children employed in the manufacturing industries of Minnesota is very small; in only one industry shown separately in the foregoing table—tobacco manufactures—do they constitute as much as 1 per cent of the total number of wage earners in the industry. The average number of children was largest in printing and publishing, where 53 were employed, but they formed only nine-tenths of 1 per cent of all wage earners engaged in the industry.

INDUSTRY.	Average number. ¹	WAGE EARNERS.		
		Per cent of total.		
		16 years of age and over.		Under 16 years of age.
Male.	Female.			
All industries.....	84,767	86.2	13.5	0.4
Agricultural implements.....	1,014	90.8	.....	0.2
Boots and shoes, including out stock and findings.....	2,604	63.8	35.7	0.5
Bread and other bakery products.....	1,696	70.8	23.3	0.9
Butter, cheese, and condensed milk.....	1,184	99.0	0.7	0.3
Cars and general shop construction and repairs by steam-railroad companies.....	8,232	99.9	0.1	.....
Clothing, men's, including shirts.....	2,156	10.6	89.4	.....
Flour-mill and gristmill products.....	4,345	98.3	1.7	(²)
Foundry and machine-shop products.....	6,002	99.5	0.4	0.1
Fur goods.....	1,056	42.7	57.2	0.1
Furniture and refrigerators.....	1,605	98.4	0.9	0.7
Liquors, malt.....	1,653	97.1	2.8	0.1
Lumber and timber products.....	20,704	99.7	0.2	0.1
Oil, linseed.....	374	100.0	.....	.....
Patent medicines and compounds and druggists' preparations.....	475	56.0	43.4	0.6
Printing and publishing.....	5,641	73.8	25.3	0.9
Slaughtering and meat packing.....	1,021	97.5	2.2	0.3
Tobacco manufactures.....	1,613	73.5	26.5	1.0
All other industries.....	22,342	76.0	23.3	0.6

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

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

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				Per cent of increase, 1904-1909.
	1909		1904		
	Number.	Per cent distribution.	Number.	Per cent distribution.	
Total.....	104,406	100.0	83,301	100.0	25.3
Proprietors and firm members.....	5,376	5.1	4,524	5.4	18.8
Salaried employees.....	14,263	13.7	9,141	11.0	56.0
Wage earners (average number)....	84,767	81.2	69,636	83.6	21.7

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

The following table shows the average number of wage earners, distributed according to age periods, and in the case of those 16 years of age and over according to sex, for 1909, 1904, and 1899. The averages for 1909 are estimated on the basis of the actual

number reported for a single representative day. (See Introduction.)

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total	84,787	100.0	69,636	100.0	64,557	100.0
16 years of age and over.....	84,461	99.6	69,316	99.5	63,859	98.9
Male.....	73,038	86.2	60,880	87.4	57,123	88.5
Female.....	11,423	13.5	8,436	12.1	6,736	10.4
Under 16 years of age.....	306	0.4	320	0.5	698	1.1

This table shows that the number of females 16 years of age and over increased from 6,736 in 1899 to 11,423 in 1909, the proportion of such wage earners forming 13.5 per cent of the total in the latter year, as compared with 10.4 per cent in the former year. On the other hand, the actual number of children employed in 1909 was less than half as great as in 1899, and their proportion of the total decreased from 1.1 per

cent in 1899 to three-tenths of 1 per cent in 1909. On account of the increase in the number of females 16 years of age and over, the proportion of males 16 years of age and over was slightly less in 1909 than in 1899, although the actual number increased from 57,123 to 73,038.

Wage earners employed, by months.—The following table gives the number of wage earners employed on the 15th of each month during the year 1909 for all industries combined, for the brick and tile and the lumber 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 698, 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 so as to show separately the number engaged in the mills and the number in the logging operations.

MONTH.	WAGE EARNERS.											
	All Industries.		Brick and tile.		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.....	79,018	88.2	240	12.2	20,732	89.7	9,422	55.4	11,310	61.8	58,940	88.7
February.....	80,009	89.3	240	12.2	20,383	88.2	10,122	59.5	10,261	83.3	60,280	90.8
March.....	82,081	90.6	280	14.2	20,641	89.3	10,076	62.8	9,905	80.9	61,154	92.1
April.....	81,134	89.5	661	32.8	19,177	83.0	14,680	86.3	4,488	36.4	61,266	92.3
May.....	82,052	91.5	1,593	79.1	19,649	85.0	16,436	96.6	3,213	26.1	61,710	92.9
June.....	85,038	93.8	1,980	98.3	20,130	87.1	17,012	100.0	3,118	25.4	62,922	94.7
July.....	84,667	93.4	2,014	100.0	19,644	85.0	16,727	98.3	2,917	23.7	63,000	94.9
August.....	85,847	94.7	1,775	88.1	19,807	85.7	16,616	97.1	3,201	26.7	64,265	96.8
September.....	87,643	96.7	1,450	72.0	20,244	87.6	15,852	93.2	4,392	35.7	65,940	99.3
October.....	90,020	100.0	1,082	53.7	23,116	100.0	14,831	87.2	8,285	67.3	66,422	100.0
November.....	89,503	98.8	701	34.8	22,781	98.6	12,485	73.4	10,296	83.6	66,021	99.4
December.....	86,896	95.0	414	20.6	22,135	95.8	9,818	57.7	12,317	100.0	64,347	96.9

In all industries combined, the maximum number of wage earners were employed in October and the minimum in January, only 88.2 per cent as many being employed in the latter month as in the former. In the lumber industry, which employs about one-fourth of all the wage earners in the state, the maximum occurred in October, which was the month of greatest employment for all industries combined, and the minimum in April. In logging operations there was an extreme fluctuation from 12,317 in December to 2,917 in July, this latter number being 23.7 per cent of the number in December. The figures for the brick and tile industry, although comparatively small, show considerable seasonal variation, with a maximum of 2,014 in July, and a minimum of 246 in January and February.

Prevailing hours of labor.—In the next 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.

It is evident from the figures that for the great majority of wage earners employed in the manufacturing industries of Minnesota the usual hours of labor range from 54 to 60 a week, only 16.7 per cent of the total being employed in establishments where the hours are less than 54, and only 4.1 per cent in establishments where they exceed 60 a week.

The lumber and the slaughtering and meat-packing industries and the manufacture of agricultural implements are mainly on a 60-hour-a-week basis; in the flour mills and gristmills a 54-hour week is the most common, although in many establishments from 54 to 60 hours a week prevail; and in the steam-railroad repair shops nearly half of the employees work 54 hours a week. The majority of the tobacco factories operate 48 hours or less a week, while in the gas plants and paper mills long hours prevail.

STATISTICS OF MANUFACTURES.

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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.....	84,767	7,745	6,452	12,754	14,206	40,103	1,680	1,269	558
Agricultural implements.....	1,014	1	.....	6	39	968	.....	.....	.....
Artificial stone.....	658	41	.....	171	105	336	.....	.....	.....
Bicycles, motorcycles, and parts.....	54	2	.....	34	18	.....	.....	.....	.....
Boots and shoes, including out stock and findings.....	2,604	.....	4	8	1,732	920	.....	.....	.....
Boxes, fancy and paper.....	595	5	41	166	325	58	.....	.....	.....
Bread and other bakery products.....	1,098	121	4	202	26	1,255	76	10	2
Brick and tile.....	1,038	182	.....	40	17	798	1	.....	.....
Butter, cheese, and condensed milk.....	1,184	245	4	114	40	692	43	42	4
Canning and preserving.....	415	3	.....	105	97	179	.....	19	12
Carrriages and wagons and materials.....	808	3	25	36	182	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	8,232	336	1,484	4,014	.....	2,159	239	.....	.....
Clothing, men's, including shirts.....	2,156	149	272	642	1,040	53	.....	.....	.....
Clothing, women's.....	203	.....	139	51	8	5	.....	.....	.....
Coffee and spice, roasting and grinding.....	342	15	7	16	267	37	.....	.....	.....
Confectionery.....	715	4	4	47	159	501	.....	.....	.....
Cooperage and wooden goods, not elsewhere specified.....	850	157	4	82	140	467	.....	.....	.....
Copper, tin, and sheet-iron products.....	1,081	403	118	143	268	89	.....	.....	.....
Electrical machinery, apparatus, and supplies.....	137	34	3	24	101	25	.....	.....	.....
Fancy articles, not elsewhere specified.....	231	61	.....	169	.....	1	.....	.....	.....
Flour-mill and gristmill products.....	4,345	353	3	1,300	907	1,207	343	232	.....
Food preparations.....	405	18	.....	90	227	69	1	.....	.....
Foundry and machine-shop products.....	6,002	32	57	856	3,308	1,650	.....	.....	.....
Fur goods.....	1,056	146	610	254	2	44	.....	.....	.....
Furniture and refrigerators.....	1,095	10	16	356	77	1,230	.....	.....	.....
Gas and electric fixtures and lamps and reflectors.....	86	33	26	18	9	.....	.....	.....	.....
Gas, illuminating and heating.....	848	15	.....	4	.....	9	7	813	.....
Hosiery and knit goods.....	1,052	.....	.....	48	866	188	.....	.....	.....
Jewelry.....	119	8	79	32	.....	.....	.....	.....	.....
Leather goods.....	870	40	516	8	240	66	.....	.....	.....
Lime.....	203	.....	.....	.....	.....	203	.....	.....	.....
Liquors, malt.....	1,653	617	.....	438	206	302	.....	.....	.....
Lumber and timber products.....	20,704	133	.....	226	442	19,574	324	5	.....
Malt.....	138	18	.....	22	82	.....	16	.....	.....
Marble and stone work.....	1,738	714	.....	149	326	549	.....	.....	.....
Mattresses and spring beds.....	453	6	15	8	90	334	.....	.....	.....
Musical instruments, pianos and organs and materials.....	143	.....	.....	45	74	24	.....	.....	.....
Oil, linseed.....	374	.....	.....	.....	.....	144	.....	88	142
Paint and varnish.....	164	5	.....	23	89	47	.....	.....	.....
Paper and wood pulp.....	607	.....	.....	.....	.....	77	448	56	26
Paper goods, not elsewhere specified.....	87	7	34	.....	43	3	.....	.....	.....
Patent medicines and compounds and druggists' preparations.....	475	54	160	80	142	24	.....	.....	.....
Photo-engraving.....	108	108	.....	.....	.....	.....	.....	.....	.....
Printing and publishing.....	5,041	1,005	2,106	863	305	210	162	.....	.....
Shipbuilding, including boat building.....	200	2	38	24	22	123	.....	.....	.....
Show cases.....	104	.....	.....	.....	21	88	.....	.....	.....
Slaughtering and meat packing.....	1,021	1	13	22	2	1,881	2	.....	.....
Stoves and furnaces, including gas and oil stoves.....	185	25	1	30	80	31	.....	.....	.....
Surgical appliances and artificial limbs.....	52	2	25	22	.....	3	.....	.....	.....
Tobacco manufactures.....	1,013	1,173	290	30	34	77	.....	.....	.....
Woolen, worsted, and felt goods, and wool hats.....	277	2	.....	.....	180	95	.....	.....	.....
All other industries.....	7,202	436	348	1,709	1,079	2,636	18	4	372

Location of establishments.—The next table shows the extent to which the manufactures of Minnesota are centralized in cities of 10,000 population or over. (See Introduction.)

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

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.		
Population.....	1910	2,075,708	654,837	31.5	60,219	2.9	78,466	3.8	516,152	24.9	1,420,871	68.5
	1900	1,761,394	461,383	26.3	42,631	2.4	52,959	3.0	355,783	20.9	1,290,011	73.7
Number of establishments....	1909	5,561	2,305	41.4	200	5.2	194	3.5	1,821	32.7	3,256	58.6
	1899	4,006	1,003	25.1	161	3.7	126	3.1	1,326	32.4	2,493	60.9
Average number of wage earners.	1909	84,707	59,725	69.9	4,341	5.1	6,083	7.2	46,301	54.0	28,042	33.1
	1899	64,557	39,611	61.4	3,314	5.1	3,658	5.7	32,639	50.6	24,946	38.6
Value of products.....	1909	\$400,410,021	\$202,000,908	50.4	\$20,426,140	5.0	\$17,180,063	4.2	\$224,394,705	54.8	\$147,418,713	36.0
	1899	223,692,922	141,976,434	63.5	9,701,844	4.3	7,810,737	3.5	124,462,853	55.6	81,716,458	36.5
Value added by manufacture.	1909	127,797,334	89,653,400	70.2	7,215,391	5.6	8,336,133	6.5	74,101,936	58.0	38,143,874	29.8
	1899	73,303,045	47,089,324	64.2	3,295,974	4.5	4,151,749	5.7	39,641,601	54.0	26,304,321	35.8

In 1909 cities having 10,000 inhabitants or over reported 64 per cent of the total value of manufactured products and 66.9 per cent of the average number of wage earners in manufacturing industries for the state. The figures indicate that during the past 10 years the industries located in this class of cities gained somewhat in relative importance on those located outside such cities.

The increase in the population of different cities has, to some extent, affected the grouping in the table. In 1900 St. Cloud and Virginia each had less than 10,000 inhabitants and so for 1899 are not included in the group of cities whose statistics are presented separately. This accounts in part for the increases shown for the group of cities having from 10,000 to 25,000 inhabitants.

Each of the three groups of cities shows a large absolute increase in the value of its manufactured products, but the two groups comprising cities having between 10,000 and 100,000 inhabitants have slightly increased their proportions of the total value of the manufactured products of the state, whereas the proportion contributed by the cities of more than 100,000 inhabitants has decreased somewhat. In 1909 the five cities having between 10,000 and 25,000 inhabitants contributed 5 per cent of the total value of products for the state; Duluth, the only city having between 25,000 and 100,000 inhabitants, contributed 4.2 per cent; and Minneapolis and St. Paul, each of more than 100,000 inhabitants, 54.8 per cent.

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

CITY.	1910	1900
Minneapolis.....	301,408	202,718
St. Paul.....	214,744	103,005
Duluth.....	78,400	52,000
Winona.....	18,583	19,714
Mankato.....	10,355	10,500
St. Cloud.....	10,000	8,603
Virginia.....	10,473	2,002
Stillwater.....	10,108	12,318

The relative importance in manufactures of each of these eight cities is shown in the following table, in which the value of products and the 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
Minneapolis ¹	20,902	21,071	19,020	\$105,404,080	\$121,102,410	\$94,407,774
St. Paul.....	19,339	14,303	13,019	58,990,035	38,318,704	30,030,079
Duluth.....	6,083	3,987	3,058	17,180,003	10,130,000	7,810,737
Winona.....	2,032	1,953	1,905	11,100,023	7,850,230	6,013,517
Mankato.....	807	724	520	3,722,730	3,422,117	1,887,315
Stillwater.....	688	655	820	2,085,723	2,784,113	1,801,012
St. Cloud.....	626	414	507	2,200,003	1,700,705	1,500,782
Virginia.....	188	(*)	(*)	518,000	(*)	(*)

¹ 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.

* Figures not available.

Each city for which comparative statistics are available, except Stillwater, shows an increase in value of products from 1904 to 1909, and all show an increase from 1899 to 1904. The percentages of increase, however, were generally greater from 1904 to 1909; the greatest relative gain, 69.4 per cent, was made by Duluth.

Minneapolis, the largest city in the state, is also its most important industrial center. The value of its manufactures increased from \$94,407,774 in 1899 to \$165,404,680 in 1909, a gain of \$70,996,906, or 75.2 per cent. The value of products reported for this city in 1909 represented 40.4 per cent of the total for the state. Ranked by value of products, it was fourteenth among the cities of the United States in 1899 and in 1909, but fifteenth in 1904. The value of the output of the flour mills and gristmills located in Minneapolis constituted 56.5 per cent of the total for the industry in the state, and nearly half of the total value of all manufactured products reported for the city. Of the total value of the flour-mill and gristmill products of continental United States in 1909 and of the total output of wheat flour, this city contributed 8.9 per cent and 12.8 per cent, respectively. Other important industries of Minneapolis, in the order of their importance as measured by value of products, are the lumber and the linseed-oil industries, foundries and machine shops, printing and publishing, and the manufacture of bags, other than paper. More than nine-tenths of the linseed oil produced in the state, as measured by value, is manufactured in Minneapolis. The extensive milling operations of the city account for the large production of bags.

St. Paul, the second city in the state in both population and manufactures, shows an increase in value of products for the decade of \$28,933,946, or 96.3 per cent. The chief industries are printing and publishing, and foundries and machine shops, although the breweries, the manufacture of boots and shoes, steam-railroad repair shops, and the manufacture of fur goods are also important.

The leading industry of Duluth is the lumber industry, the value of its output constituting about one-third of the total value of manufactured products reported for the city. Other important industries are foundries and machine shops, breweries, and blast furnaces.

Flour milling and gristmilling and the manufacture of patent medicines and compounds and druggists' preparations constitute the most important industries of Winona, although the manufacture of malt and slaughtering and meat packing are worthy of note. In Mankato and St. Cloud the flour mills and gristmills contributed about one-half of the total value of all manufactured products, while in Stillwater nearly half of the value of its manufactures consisted of the output of the boot and shoe factories. The leading industry in Virginia was the manufacture of malt liquors.

STATISTICS OF MANUFACTURES.

Character of ownership.—The table that follows 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 the figures for several important industries from this table and the one following.

INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:									
1909.....	5,561	84,767	\$409,419,021	\$127,797,334					
1904.....	4,756	69,636	307,858,073	97,304,124					
Individual:									
1909.....	2,654	9,123	37,022,048	14,157,505					
1904.....	2,325	9,589	35,226,563	13,629,774					
Firm:									
1909.....	904	7,201	25,103,188	9,807,125					
1904.....	953	9,233	20,187,081	11,400,100					
Corporation:									
1909.....	1,320	67,475	330,024,507	102,083,135					
1904.....	922	40,889	234,013,704	70,856,447					
Other:									
1909.....	617	908	16,309,818	1,740,470					
1904.....	550	925	9,430,635	1,417,743					
Per cent of total:									
1909.....	100.0	100.0	100.0	100.0					
1904.....	100.0	100.0	100.0	100.0					
Individual:									
1909.....	47.7	10.8	0.0	11.1					
1904.....	48.9	13.8	11.4	14.0					
Firm:									
1909.....	17.3	8.5	6.1	7.7					
1904.....	20.0	13.3	9.5	11.7					
Corporation:									
1909.....	23.8	70.0	80.8	70.9					
1904.....	19.4	71.6	76.0	72.8					
Other:									
1909.....	11.1	1.1	4.0	1.4					
1904.....	11.7	1.3	3.1	1.5					
Bread and other bakery products, 1909.									
Individual.....	403	1,096	\$6,785,083	\$2,981,083					
Firm.....	331	687	2,760,373	1,205,775					
Corporation.....	53	208	828,023	393,297					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	82.1	40.5	40.8	40.4					
Firm.....	13.2	12.3	12.2	13.2					
Corporation.....	4.7	47.2	47.0	46.4					
Butter, cheese, and condensed milk, 1909.									
Individual.....	784	1,184	\$25,287,462	\$2,579,989					
Firm.....	150	102	4,692,276	527,638					
Corporation.....	33	34	940,230	99,111					
Other.....	46	105	3,057,031	446,190					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	19.1	16.2	18.2	20.5					
Firm.....	4.2	2.9	3.7	3.8					
Corporation.....	5.0	13.9	15.7	17.3					
Other.....	70.8	67.0	62.4	58.4					
Flour-mill and gristmill products, 1909.									
Individual.....	322	4,345	\$139,136,129	\$14,918,812					
Firm.....	127	302	10,384,044	1,306,468					
Corporation.....	72	240	7,458,180	803,010					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	127	302	10,384,044	1,306,468					
Firm.....	72	240	7,458,180	803,010					
Corporation.....	123	3,707	121,296,305	12,808,428					
Flour-mill and gristmill products, 1909—Continued.									
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	39.4	9.0	7.5	8.3					
Firm.....	22.4	5.7	5.4	5.4					
Corporation.....	38.2	85.3	87.2	85.9					
Foundry and machine-shop products, 1909.									
Individual.....	247	6,092	\$15,608,716	\$8,423,791					
Firm.....	72	466	1,153,588	577,814					
Corporation.....	53	770	1,904,680	1,086,899					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	29.1	7.6	7.4	6.9					
Firm.....	21.5	12.8	12.2	12.9					
Corporation.....	49.4	79.6	80.4	80.2					
Liquors, malt, 1909.									
Individual.....	65	1,653	\$10,568,452	\$8,225,745					
Firm.....	21	75	290,799	200,322					
Corporation.....	10	52	207,671	141,349					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	32.3	4.5	2.8	2.4					
Firm.....	15.4	3.1	2.0	1.7					
Corporation.....	52.3	92.3	95.3	95.8					
Lumber and timber products, 1909.									
Individual.....	525	20,704	\$42,352,507	\$21,487,278					
Firm.....	265	1,431	2,396,899	1,313,033					
Corporation.....	132	1,063	1,792,401	998,578					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	50.5	6.9	5.7	6.1					
Firm.....	25.1	5.1	4.2	4.6					
Corporation.....	24.4	88.0	90.1	89.2					
Printing and publishing, 1909.									
Individual.....	950	5,641	\$15,982,212	\$11,886,107					
Firm.....	584	1,207	2,852,132	2,114,132					
Corporation.....	159	545	1,300,754	937,307					
Other.....	175	3,742	11,646,607	8,640,015					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	61.5	23.9	17.8	17.8					
Firm.....	16.7	9.7	8.1	8.3					
Corporation.....	18.4	66.3	72.9	72.7					
Other.....	3.4	1.0	1.1	1.2					
Slaughtering and meat packing, 1909.									
Individual.....	30	1,921	\$25,753,697	\$3,597,414					
Firm.....	12	37	431,504	80,339					
Corporation.....	7	60	641,363	115,859					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	40.0	1.9	1.7	2.2					
Firm.....	23.3	3.1	2.5	3.2					
Corporation.....	36.7	95.0	95.8	94.5					

¹ Includes the group "Other," to avoid disclosure of individual operations.

The most important distinction shown is that between corporate and all other forms of ownership. Of the total number of establishments in all industries combined, 23.8 per cent were under corporate ownership in 1909, as against 19.4 per cent in 1904. Of the total value of products, however, this class of establishments reported 80.8 per cent in 1909, as compared with 76 per cent in 1904. Establishments under firm ownership show the greatest decrease in relative importance both numerically and as measured by value of products. The class of "Other" establishments is of special interest in Minnesota, because it includes the numerous creameries operated by cooperative asso-

ciations, which contributed 62.4 per cent of the total value of products of the butter and cheese factories in the state. In all other industries shown in the table, establishments under corporate ownership predominate in respect to value of products.

Size of establishment.—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it the following table groups the establishments according to the value of their products. The table also shows the average size of establishments for all industries combined and for 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 eight industries presented separately figures are given for 1909 only.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:					Flour-mill and gristmill products, 1909—Continued.				
1909.....	5,561	84,767	\$409,419,621	\$127,797,334	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	4,756	69,636	307,868,073	97,304,124	Less than \$5,000.....	1.2	0.1	(²)	(²)
Less than \$5,000:					\$5,000 and less than \$20,000.....	18.6	1.2	0.5	0.8
1909.....	1,090	2,194	4,063,743	3,080,907	\$20,000 and less than \$100,000.....	53.4	0.4	5.8	8.2
1904.....	1,715	1,068	4,180,070	2,750,313	\$100,000 and less than \$1,000,000.....	19.3	18.7	15.5	16.6
\$5,000 and less than \$20,000:					\$1,000,000 and over.....	7.5	72.6	78.1	74.4
1909.....	1,743	6,707	18,742,000	9,419,702	Average per establishment.....	13		\$432,100	\$40,332
1904.....	1,046	6,307	17,401,291	8,251,465	Foundry and machine-shop products, 1909.....	247	6,002	\$15,608,716	\$8,423,761
\$20,000 and less than \$100,000:					Less than \$5,000.....	55	60	140,567	90,110
1909.....	1,347	14,180	56,703,495	20,748,523	\$5,000 and less than \$20,000.....	87	439	921,380	590,087
1904.....	902	13,258	42,029,320	17,299,268	\$20,000 and less than \$100,000.....	74	1,206	3,304,431	1,908,377
\$100,000 and less than \$1,000,000:					\$100,000 and less than \$1,000,000 ¹	31	4,201	11,242,338	5,822,611
1909.....	437	37,720	130,802,555	51,618,500	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	364	34,455	111,696,007	46,194,100	Less than \$5,000.....	22.3	1.1	0.9	1.1
\$1,000,000 and over:					\$5,000 and less than \$20,000.....	35.2	7.3	5.9	7.1
1909.....	65	23,900	108,507,720	42,920,522	\$20,000 and less than \$100,000.....	30.0	21.6	21.2	22.7
1904.....	30	13,558	132,541,410	23,802,978	\$100,000 and less than \$1,000,000 ¹	12.6	70.0	72.0	69.1
Per cent of total:					Average per establishment.....	24		\$63,193	\$34,104
1909.....	100.0	100.0	100.0	100.0	Liquors, malt, 1909.....	85	1,653	\$10,508,452	\$8,225,745
1904.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	7	8	25,144	10,680
Less than \$5,000:					\$5,000 and less than \$20,000.....	19	60	233,670	154,011
1909.....	35.4	2.6	1.1	2.4	\$20,000 and less than \$100,000.....	23	203	1,055,214	748,209
1904.....	36.1	2.8	1.4	2.8	\$100,000 and less than \$1,000,000.....	13	440	3,284,700	2,602,325
\$5,000 and less than \$20,000:					\$1,000,000 and over.....	3	936	5,009,704	4,704,430
1909.....	31.3	8.0	4.6	7.4	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	34.6	9.2	5.7	8.5	Less than \$5,000.....	10.8	0.5	0.2	0.2
\$20,000 and less than \$100,000:					\$5,000 and less than \$20,000.....	29.2	3.0	3.2	1.9
1909.....	24.2	16.7	13.8	16.2	\$20,000 and less than \$100,000.....	35.4	12.3	10.0	9.1
1904.....	20.9	10.0	13.6	17.8	\$100,000 and less than \$1,000,000.....	20.0	27.0	31.1	31.6
\$100,000 and less than \$1,000,000:					\$1,000,000 and over.....	4.6	58.6	55.5	57.2
1909.....	7.9	44.5	31.0	40.4	Average per establishment.....	25		\$162,592	\$126,550
1904.....	7.7	49.5	36.3	46.4	Lumber and timber products, 1909.....	525	20,704	\$42,352,507	\$21,487,276
\$1,000,000 and over:					Less than \$5,000.....	284	411	540,071	379,899
1909.....	1.2	28.2	48.5	33.6	\$5,000 and less than \$20,000.....	117	693	1,178,289	702,675
1904.....	.8	10.5	43.1	24.5	\$20,000 and less than \$100,000.....	54	1,404	2,541,044	1,343,786
Average per establishment:					\$100,000 and less than \$1,000,000.....	8	11,050	22,724,540	11,787,096
1909.....	1.5	73,623	\$73,623	\$22,981	\$1,000,000 and over.....	2	7,107	15,357,757	7,274,322
1904.....	1.5	64,730	64,730	20,459	Per cent of total.....	100.0	100.0	100.0	100.0
Bread and other bakery products, 1909.....	403	1,996	\$6,785,083	\$2,981,083	Less than \$5,000.....	54.1	2.0	1.3	1.8
Less than \$5,000.....	188	122	408,617	232,135	\$5,000 and less than \$20,000.....	22.3	3.2	2.8	3.3
\$5,000 and less than \$20,000.....	106	388	1,540,907	692,205	\$20,000 and less than \$100,000.....	10.3	7.1	6.0	6.2
\$20,000 and less than \$100,000.....	39	341	1,344,047	566,481	\$100,000 and less than \$1,000,000.....	11.8	53.4	53.7	54.9
\$100,000 and less than \$1,000,000.....	10	845	3,394,552	1,490,262	\$1,000,000 and over.....	1.5	34.3	36.3	33.9
Per cent of total.....	100.0	100.0	100.0	100.0	Average per establishment.....	30		\$80,671	\$40,928
Less than \$5,000.....	46.6	7.2	7.3	7.8	Printing and publishing, 1909.....	950	5,641	\$15,982,212	\$11,886,107
\$5,000 and less than \$20,000.....	41.2	22.0	22.8	23.2	Less than \$5,000.....	570	710	1,400,270	1,119,358
\$20,000 and less than \$100,000.....	6.7	20.1	19.8	19.0	\$5,000 and less than \$20,000.....	249	1,127	2,361,008	1,850,231
\$100,000 and less than \$1,000,000.....	2.5	49.8	60.0	60.7	\$20,000 and less than \$100,000.....	66	1,400	3,033,500	2,799,021
Average per establishment.....	4		\$16,836	\$7,300	\$100,000 and less than \$1,000,000 ¹	30	2,308	8,280,825	6,117,497
Butter, cheese, and condensed milk, 1909.....	784	1,184	\$25,287,462	\$2,579,989	Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	41	20	135,307	22,668	Less than \$5,000.....	60.9	12.6	8.8	9.4
\$5,000 and less than \$20,000.....	285	255	3,754,943	455,207	\$5,000 and less than \$20,000.....	26.2	20.0	14.8	15.6
\$20,000 and less than \$100,000.....	438	782	10,301,840	1,541,188	\$20,000 and less than \$100,000.....	10.1	26.5	24.6	23.5
\$100,000 and less than \$1,000,000.....	20	157	5,095,363	560,926	\$100,000 and less than \$1,000,000 ¹	2.7	40.0	51.8	51.5
Per cent of total.....	100.0	100.0	100.0	100.0	Average per establishment.....	6		\$10,823	\$12,512
Less than \$5,000.....	5.2	1.7	0.5	0.9	Slaughtering and meat packing, 1909.....	30	1,021	\$25,753,697	\$3,597,414
\$5,000 and less than \$20,000.....	36.4	21.5	14.8	17.8	Less than \$5,000.....	9	17	88,380	30,762
\$20,000 and less than \$100,000.....	55.0	63.5	64.5	59.7	\$5,000 and less than \$20,000.....	10	47	462,864	98,940
\$100,000 and less than \$1,000,000.....	2.6	13.3	20.1	21.7	\$20,000 and less than \$100,000.....	11	1,857	25,202,453	3,467,722
Average per establishment.....	2		\$32,254	\$3,201	\$100,000 and less than \$1,000,000 ¹	11	1,857	25,202,453	3,467,722
Flour-mill and gristmill products, 1909.....	322	4,345	\$130,136,129	\$14,918,812	Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	4	3	8,486	2,991	Less than \$5,000.....	30.0	0.9	0.3	0.9
\$5,000 and less than \$20,000.....	60	53	732,336	119,407	\$5,000 and less than \$20,000.....	33.3	2.4	1.8	2.8
\$20,000 and less than \$100,000.....	173	400	8,114,747	1,230,390	\$100,000 and less than \$1,000,000.....	36.7	96.7	97.9	96.4
\$100,000 and less than \$1,000,000.....	62	727	21,611,162	2,471,175	Average per establishment.....	64		\$853,457	\$119,914
\$1,000,000 and over.....	24	3,153	108,609,408	11,094,780					

¹ Includes the group "\$1,000,000 and over."

² Less than one-tenth of 1 per cent.

³ Includes the group "Less than \$5,000."

This table shows that of the 5,561 establishments reported in 1909 only 65, or 1.2 per cent, had a value of products exceeding \$1,000,000. These establishments, however, employed an average of 23,900 wage earners, or 28.2 per cent of the total number in all establishments, and reported 48.5 per cent of the total value of products and 33.6 per cent of the total value added by manufacture.

On the other hand, the very small establishments—that is, those having a value of products of less than \$5,000—constituted a considerable proportion (35.4

per cent) of the total number of establishments, but the value of their products amounted to only 1.1 per cent of the total. The great bulk of the manufacturing was reported by establishments having products valued at not less than \$100,000. Of the 65 establishments which turned out over \$1,000,000 worth of products, 24 were flour mills and 8 were lumber mills.

It will be seen from the above table that during the five years from 1904 to 1909 there was a considerable increase, as measured by value of products, in the

relative importance of the largest establishments—those reporting products of not less than \$1,000,000 in value—and a decrease in that of all other classes except a very slight gain in the class reporting products valued at \$20,000 and less than \$100,000.

The fact that between 1904 and 1909 the average value of products per establishment increased from \$64,730 to \$73,623 and the average value added by manufacture from \$20,459 to \$22,981 can not be taken as an indication of a tendency toward concentration. The increased values shown are undoubtedly due, in part, to the increase that has taken place in the prices of commodities. The average number of wage earners per establishment, 15, has remained unchanged.

The table shows further that all of the industries shown separately in the table, except the manufacture of butter and cheese, are conducted chiefly in establishments having a value of products of \$100,000 or over.

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 17 important industries individually, and gives not only the number of establishments falling into each group but also the average number of wage earners employed.

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.....	5,561	603	3,458	894	303	145	99	32	21	6
Agricultural implements.....	17	1	3	8	2	3	2	2		
Boots and shoes, including out stock and findings.....	18	1	3	2	2	5	2	3	1	
Bread and other bakery products.....	403	74	279	41	4	2	2	1		
Butter, cheese, and condensed milk.....	784	41	728	13	2					
Cars and general shop construction and repairs by steam-railroad companies.....	28		2	1	4	5	4	7	4	1
Clothing, men's, including shirts.....	41		4	18	9	5	3	2		
Flour-mill and gristmill products.....	322	22	223	40	18	7	3	1	2	
Foundry and machine-shop products.....	247	11	114	67	29	14	8	2	2	
Fur goods.....	42		18	16	5	2	1			
Furniture and refrigerators.....	37	3	14	15	17	4	4			
Liquors, malt.....	65	1	20	24	5	3	2		1	
Lumber and timber products.....	525	8	352	64	28	29	26	7	7	4
Oil, linseed.....	9		2	1	1	1	2			
Patent medicines and compounds and druggists' preparations.....	101	33	52	12	2	1	1			
Printing and publishing.....	950	195	534	119	35	11	5		1	
Slaughtering and meat packing.....	80	2	10	4	5	1		1		1
Tobacco manufactures.....	339	86	203	34	13	1	2			
All other industries.....	1,586	126	834	408	124	53	33	5	3	
AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	64,767	6,967	9,681	9,623	10,473	15,182	11,408	13,883	7,550	
Agricultural implements.....	1,014	7	94		219		694			
Boots and shoes, including out stock and findings.....	2,804	10	15	78	402	239	1,295	625		
Bread and other bakery products.....	1,690	486	381	160	116	302	251			
Butter, cheese, and condensed milk.....	1,184	1,017	111	56						
Cars and general shop construction and repairs by steam-railroad companies.....	8,232	8	18	162	388	587	2,701	3,091	1,277	
Clothing, men's, including shirts.....	2,156	15	235	281	307	498	760			
Flour-mill and gristmill products.....	4,945	491	510	522	469	395	482	1,470		
Foundry and machine-shop products.....	0,002	285	793	324	1,037	1,284	591	1,188		
Fur goods.....	1,056	27	144	171	309	286	428			
Furniture and refrigerators.....	1,995	47	211	568	309	560				
Liquors, malt.....	1,053	83	274	126	234	400		536		
Lumber and timber products.....	20,704	675	639	939	2,137	4,134	2,429	4,775	4,976	
Oil, linseed.....	374		33	37	55	240				
Patent medicines and compounds and druggists' preparations.....	475	90	104	60	94	118				
Printing and publishing.....	5,041	1,268	1,194	1,100	775	718		520		
Slaughtering and meat packing.....	1,921	52	45	165	59		303		1,297	
Tobacco manufactures.....	1,613	424	330	384	75	400				
All other industries.....	22,342	1,973	4,650	3,924	3,737	5,012	1,474	1,672		
PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	100.0	8.2	11.4	11.4	12.4	17.3	13.5	16.4	8.9	
Agricultural implements.....	100.0	0.7	9.3		21.6		68.4			
Boots and shoes, including out stock and findings.....	100.0	0.4	0.6	2.9	15.1	9.0	48.0	23.5		
Bread and other bakery products.....	100.0	28.7	22.5	9.4	6.3	17.8	14.8			
Butter, cheese, and condensed milk.....	100.0	85.9	9.4	4.7						
Cars and general shop construction and repairs by steam-railroad companies.....	100.0	0.1	0.2	2.0	4.7	7.1	32.8	37.5	15.5	
Clothing, men's, including shirts.....	100.0	0.7	10.9	13.0	17.0	23.1	35.2			
Flour-mill and gristmill products.....	100.0	11.3	11.7	12.0	10.8	9.1	11.1	34.0		
Foundry and machine-shop products.....	100.0	4.7	13.2	13.7	17.3	21.4	9.8	19.8		
Fur goods.....	100.0	2.6	13.6	16.2		27.1	40.5			
Furniture and refrigerators.....	100.0	2.8	12.4	33.5	18.2	33.0				
Liquors, malt.....	100.0	5.0	16.6	7.6	14.2	24.2		32.4		
Lumber and timber products.....	100.0	3.3	3.1	4.5	10.3	20.0	11.7	23.1	24.0	
Oil, linseed.....	100.0		8.8	9.9	14.7	66.6				
Patent medicines and compounds and druggists' preparations.....	100.0	20.8	21.9	12.6	19.8	24.8				
Printing and publishing.....	100.0	22.5	21.2	20.7	13.7	12.7		9.2		
Slaughtering and meat packing.....	100.0	2.7	2.3	8.6	3.1		15.8		67.5	
Tobacco manufactures.....	100.0	26.3	20.5	23.8	4.6	24.8				
All other industries.....	100.0	8.8	20.4	17.6	16.7	22.4	6.6	7.5		

Of the 5,561 establishments reported for all industries, 10.8 per cent employed no wage earners; 62.3 per cent, from 1 to 5; 16 per cent, from 6 to 20; and 5.5 per cent, from 21 to 50. The most numerous single group consists of the 3,458 establishments employing from 1 to 5 wage earners each, and the next of the 894 employing from 6 to 20 wage earners. Fifty-nine establishments employed over 250 wage earners; of these, 6 employed over 1,000, of which 4 were sawmills.

Of the total number of wage earners, 38.8 per cent were in establishments employing over 250 wage earners. The single group having the largest number of wage earners was the group comprising the establishments employing from 101 to 250 wage earners. This group employed 15,182 wage earners, or 17.9 per cent of the total. The individual industries listed in this table but not in the preceding one are mainly industries in which comparatively large establishments do most of the business.

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

The following table shows, for 1909, in percentages, the distribution of expenses among the classes indicated for all industries combined and for certain important industries separately. The figures on which the percentages are based appear in Table II, page 698.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
All industries.....	4.1	12.6	74.9	8.4
Agricultural implements.....	11.2	22.8	39.3	26.7
Boots and shoes, including cut stock and findings.....	5.6	17.8	68.0	8.7
Bread and other bakery products.....	4.7	17.1	66.0	11.3
Butter, cheese, and condensed milk.....	0.6	3.4	93.6	2.6
Cars and general shop construction and repairs by steam-railroad companies.....	3.6	44.2	51.4	0.7
Clothing, men's, including shirts.....	0.3	18.0	70.0	5.8
Flour-mill and gristmill products.....	1.6	2.1	92.4	3.9
Foundry and machine-shop products.....	8.0	27.8	51.1	12.5
Fur goods.....	0.7	10.6	65.6	11.1
Furniture and refrigerators.....	0.8	27.1	55.4	10.8
Liquors, malt.....	9.3	11.8	28.9	50.0
Lumber and timber products.....	3.8	28.4	54.3	13.5
Oil, linseed.....	1.0	2.4	93.2	3.4
Patent medicines and compounds and druggists' preparations.....	10.4	0.1	54.9	28.7
Printing and publishing.....	17.5	27.2	31.7	23.7
Slaughtering and meat packing.....	2.1	4.6	91.1	2.2
Tobacco manufactures.....	7.3	29.2	44.0	10.5
All other industries.....	6.5	17.9	65.8	9.7

The proportions of the total expenses vary greatly in the different industries. In the butter and cheese, flour-mill and gristmill, linseed-oil, and slaughtering and meat-packing industries, over 90 per cent of the total expenses were incurred for materials, while wages constituted less than 5 per cent.

Engines and power.—The next 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.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 ¹	1909	1904	1899 ¹	1909	1904	1899
Primary power, total.....	8, 079	3, 265	3, 254	297, 070	220, 934	180, 124	100.0	100.0	100.0
Owned.....	3, 792	3, 205	3, 254	206, 546	211, 070	175, 382	89.5	95.5	97.4
Steam.....	2, 544	2, 378	2, 473	199, 777	167, 103	146, 578	67.1	75.6	81.4
Gas.....	877	629	521	7, 174	4, 710	3, 624	2.4	2.1	2.0
Water wheels.....	308	242	260	56, 631	38, 198	24, 932	19.0	17.3	13.8
Water motors.....	63	16	(*)	2, 939	49	(*)	1.0	(*)	(*)
Other.....				25	1, 012	248	(*)	0.6	0.1
Rented.....	4, 887	(*)	(*)	31, 124	9, 894	4, 742	10.5	4.5	2.6
Electric.....	4, 887	(*)	(*)	30, 297	8, 594	3, 769	10.2	3.9	2.1
Other.....				827	1, 270	973	0.3	0.6	0.5
Electric motors	6, 791	635	132	62, 212	14, 427	6, 300	100.0	100.0	100.0
Run by current generated by establishment.....	1, 004	635	132	21, 915	5, 833	2, 531	42.0	40.4	40.2
Run by rented power.....	4, 887	(*)	(*)	30, 297	8, 594	3, 769	58.0	59.6	59.8

¹ Includes the neighborhood industries and hand trades, omitted in 1904 and 1909.
² Not reported. ³ Less than one-tenth of 1 per cent.

The total primary horsepower increased from 180,124 in 1899 to 297,670 in 1909, a gain of 117,546, or 65.3 per cent. In spite of the large increase in the power generated by steam engines—53,199 horsepower—the proportion which such power represented of the total primary power was only 67.1 per cent in 1909 as compared with 81.4 per cent in 1899. This was due to the increase in the amount of power developed by the use of water wheels, from 24,932 horsepower in 1899 to 56,631 horsepower in 1909, and to the increase in rented electric power, from 3,769 horsepower, constituting 2.1 per cent of the total primary power, in 1899, to 30,297 horsepower, constituting 10.2 per cent, in 1909. The use of electric motors for the purpose of applying power generated within the establishments is also increasing, the horsepower of such motors having increased from 2,531 in 1899 to 5,833 in 1904 and 21,915 in 1909.

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

INDUSTRY.	Anthracite coal (tons).	Bituminous coal (tons).	Coke (tons).	Wood (cords).	Oil, including gas-oils (barrels).	Gas (1,000 feet).
All industries.....	39, 782	1, 148, 357	108, 384	152, 787	210, 247	59, 915
Agricultural implements.....	22	10, 443	1, 485	2, 170	1, 145	.....
Boots and shoes, including cut stock and findings.....	1, 075	3, 615	.....	17	.....	1, 179
Bread and other bakery products.....	3, 763	4, 708	2, 402	10, 635	62	4, 042
Brick and tile.....	65	58, 613	155	44, 839	177	.....
Butter, cheese, and condensed milk.....	412	38, 871	5	22, 520	550	100
Cars and general shop construction and repairs by steam-railroad companies.....	142	132, 504	989	274	2, 906	.....
Clothing, men's, including shirts.....	38	587	.....	48	54	279
Coke.....	.....	117, 431	643	.....	.....	160
Flour-mill and gristmill products.....	4, 672	249, 807	60	17, 338	1, 705	.....
Foundry and machine-shop products.....	7, 367	32, 842	20, 133	6, 395	4, 063	4, 057
Fur goods.....	20	527	30	13	13	323
Furniture and refrigerators.....	308	10, 065	17	2, 441	215	25
Gas, illuminating and heating.....	44	97, 988	1, 203	200	190, 502	5, 188
Liquors, malt.....	1, 731	57, 341	10	11, 571	145	412
Lumber and timber products.....	469	22, 359	.....	2, 221	694	36
Oil, linseed.....	.....	26, 724	.....	.....	.....	.....
Patent medicines and compounds and druggists' preparations.....	101	3, 072	28	63	6	215
Printing and publishing.....	1, 874	6, 870	50	1, 774	1, 147	17, 053
Slaughtering and meat packing.....	980	68, 005	.....	682	.....	.....
Tobacco manufactures.....	471	555	25	304	.....	159
All other industries.....	16, 182	206, 321	81, 300	29, 300	6, 110	20, 024

NOTE.—In addition, there were 2,159 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 six important industries in Minnesota are here presented.

Flour-mill and gristmill products.—The importance of Minnesota in this industry is due to its large production of wheat, to its advantageous geographic location, particularly with respect to the adjoining grain-growing states, and to the excellent and modern facilities afforded in the state for handling grain both by rail and by water. In both 1909 and 1904 Minnesota ranked first in the quantity and value of its wheat-flour products milled, third in respect to its barley and oat products, and fourth in respect to its rye products.

The following table gives the quantity and value of the various products of the industry for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value.....	\$139,136,129	\$122,059,123	\$82,988,054
Wheat flour:			
White—			
Barrels.....	22,712,534	23,839,717	22,641,833
Value.....	\$114,070,231	\$103,254,958	\$72,170,064
Graham—			
Barrels.....	24,870	31,510	(1)
Value.....	\$115,120	\$146,480	(1)
Corn meal and corn flour:			
Barrels.....	66,705	66,018	153,553
Value.....	\$204,863	\$154,243	\$232,422
Rye flour:			
Barrels.....	220,651	132,671	74,718
Value.....	\$936,000	\$543,505	\$193,038
Buckwheat flour:			
Pounds.....	960,387	2,247,420	1,764,929
Value.....	\$33,047	\$62,513	\$46,732
Barley meal:			
Pounds.....	432,000	160,000	3,626,150
Value.....	\$5,496	\$3,200	\$36,004
Feeds:			
Tons.....	258,078	193,217	248,536
Value.....	\$6,857,996	\$3,721,048	\$3,422,326
Offal:			
Tons.....	822,755	633,525	693,193
Value.....	\$16,764,817	\$13,967,200	\$6,753,670
All other products.....	\$658,403	\$205,067	\$133,703

(1) Not reported separately.

Minnesota produced 22,712,534 barrels of white flour in 1909, or more than one-fifth of the total output of this cereal product in the United States. The quantity produced in 1909 was somewhat greater than in 1899 but smaller than in 1904; its value, however, showed a substantial increase at each census. Although the total output of wheat flour increased but four-tenths of 1 per cent in the decade, its value increased 58.2 per cent during the same period. Of the 270 mills which produced wheat flour in 1909, 21 made less than 1,000 barrels, 97 made 1,000 barrels but less than 5,000, 87 made 5,000 barrels but less than 20,000, 33 made 20,000 barrels but less than 100,000, and 32 made 100,000 barrels or over.

The value of both feed and offal increased greatly during the decade. The quantity of feed produced was larger in 1909 than in either of the two previous

census years, but the quantity of offal was largest in 1904. Corn meal and corn flour, which are comparatively unimportant cereal products in the state, show increases in both quantity and value from 1904 to 1909, but the figures for 1909 are lower than those for 1899. Rye flour is the only product showing increases in both quantity and value for each five-year period.

Of the total value of products reported in 1909, white flour contributed \$114,070,231, or 82 per cent, and offal, the principal part of which consists of the by-products of the manufacture of wheat flour, \$16,754,817, or 12 per cent. The value of feed reported was \$6,357,996, or 4.6 per cent of the total. Thus the value of all other cereal products constituted but 1.4 per cent of the total value of products for the industry.

The 322 mills reported for Minnesota in 1909 were equipped with 6,704 pairs of rolls and 168 runs of stone; 13 mills made their own barrels.

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

PRODUCT.	QUANTITY.		
	1909	1899	
Rough lumber.....	M feet b. m.	1,561,508	2,342,338
Lath.....	thousands..	473,008	387,084
Shingles.....	thousands..	74,818	493,800

Minnesota dropped from third to twelfth place among the states of the Union in the production of rough lumber, the output decreasing from 2,342,338 M feet board measure in 1899 to 1,561,508 M feet in 1909, or 33.3 per cent. There was an increase, however, of 23.5 per cent in the production of lath, but a decrease of 85 per cent in the output of shingles during the same period. Of the total output of lumber, about five-sixths (83.3 per cent) was white pine, Minnesota supplying slightly more than one-third of the total quantity of white-pine lumber produced in continental United States in 1909. Of the other varieties of lumber cut, the most important were spruce, tamarack, and hemlock. Minnesota was also the leading state in the production of lath, with 12.9 per cent of the total for the United States.

Slaughtering and meat packing.—The next table gives in detail the quantities and values of the products of this industry for 1909, 1904, and 1899.

Pork was the leading product in both quantity and value, and in 1909 contributed over half the total value of all products for the industry. The output of salted or cured pork in 1909 was 82,480,987 pounds, or more than double that in 1899, and its value, \$9,253,591, or over three times the corresponding figure for 1899. Fresh pork shows a large increase from 1899 to 1904,

and a much smaller increase during the subsequent five-year period. Though the quantity of fresh beef increased but slightly from 1904 to 1909, it more than doubled during the decade. The output of veal was nearly nine times as great in 1909 as in 1899, and that of mutton, in spite of a decline since 1904, shows an increase for the decade as a whole. The production of lard more than trebled from 1899 to 1904, but declined from 26,435,556 pounds in 1904 to 21,429,517 pounds in 1909.

PRODUCT.	1909	1904	1899 ¹
Total value	\$25,753,097	\$17,588,707	\$7,810,555
Beef, fresh:			
Pounds.....	59,276,009	55,358,409	20,050,000
Value.....	\$3,187,527	\$2,850,777	\$1,082,002
Beef, salted or cured:			
Pounds.....	1,078,402	820,080	807,115
Value.....	\$145,809	\$42,817	\$50,449
Veal, fresh:			
Pounds.....	5,705,530	2,120,034	640,010
Value.....	\$396,210	\$132,450	\$55,439
Mutton, fresh:			
Pounds.....	5,055,124	8,283,313	4,585,842
Value.....	\$480,143	\$520,440	\$350,455
Pork, fresh:			
Pounds.....	45,709,115	43,542,300	17,354,088
Value.....	\$4,330,448	\$3,204,733	\$1,047,107
Pork, salted or cured:			
Pounds.....	32,480,987	71,741,702	37,453,095
Value.....	\$0,253,591	\$0,159,220	\$2,601,440
Sausage, fresh or cured	\$840,780	\$758,005	\$275,740
Lard:			
Pounds.....	21,429,517	26,435,556	8,248,174
Value.....	\$2,681,501	\$1,933,587	\$607,022
Fertilizers and fertilizer materials:			
Tons.....	12,075	7,543	1,405
Value.....	\$314,000	\$154,807	\$21,305
Hides:			
Number.....	100,948	125,784	50,209
Pounds.....	7,240,972	0,587,904	3,051,526
Value.....	\$887,185	\$654,401	\$294,752
Polts:			
Number.....	132,574	188,701	(³)
Value.....	\$140,473	\$187,802	(²)
All other products	\$3,103,310	\$982,840	\$908,038

¹ Excluding statistics for one establishment, to avoid disclosure of individual operations.
² Figures not available.

Butter, cheese, and condensed milk.—The following table gives the production of butter and cheese in 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value	\$25,287,462	\$12,871,120	\$5,470,806
Butter:			
Packed solid—			
Pounds.....	81,104,848	68,542,838	39,145,380
Value.....	\$23,359,427	\$11,549,845	\$7,320,401
Prints or rolls—			
Pounds.....	7,737,908	3,570,710	2,029,080
Value.....	\$2,221,031	\$747,324	\$414,044
Cream sold:			
Pounds.....	1,338,833	1,345,709	2,007,192
Value.....	\$146,807	\$03,703	\$105,102
All other butter-factory products ¹	\$54,443	\$126,630	\$302,080
Cheese:			
Full cream—			
Pounds.....	2,005,883	2,005,984	3,033,093
Value.....	\$371,510	\$294,339	\$217,047
Part cream—			
Pounds.....	40,000	.....	.....
Value.....	\$3,200	.....	.....
Other kind ² —			
Pounds.....	.....	124,071	251,320
Value.....	.....	\$12,778	\$28,307
All other cheese-factory products ³	\$810	\$7,370	\$800
All other products	\$120,568	\$30,128	.....

¹ Includes skimmed milk sold and consumed. ² Includes skimmed cheese.
³ Includes whey. ⁴ Includes condensed milk made in butter factories.

The output of butter increased from 41,174,469 pounds, valued at \$7,735,345, in 1899, to 88,842,846 pounds, valued at \$24,581,058, in 1909, a gain of 115.5 per cent in quantity and 217.7 per cent in value. Of the total quantity of butter manufactured in 1909, 91.3 per cent was packed solid and 8.7 per cent was put up in prints or rolls.

The quantity of cheese produced in 1909 was only 2,735,883 pounds, a decrease of 16.7 per cent since 1899.

No condensed-milk factories were reported for the state in 1909, but in 1904 a small quantity of condensed milk was made in butter factories.

Printing and publishing.—The following is a statement of the number and aggregate circulation per issue of the various classes of publications in 1909, 1904, and 1899:

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
Total	758	798	631	3,176,700	3,106,399	1,949,630
Daily.....	42	51	44	470,252	400,811	300,266
Sunday.....	7	10	9	237,205	100,304	(¹)
Semiweekly.....	8	7	² 10	37,062	63,396	100,000
Weekly.....	614	634	403	1,269,856	1,151,145	908,478
Monthly.....	68	71	60	824,055	950,000	452,329
All other classes.....	10	25	15	331,370	284,047	187,897

¹ Included in circulation of dailies. ² Includes one triweekly publication.

For the five-year period from 1904 to 1909 the total number of publications decreased, but the aggregate circulation per issue increased 2.3 per cent. For the decade as a whole the percentages of increase in the total number of publications and aggregate circulation per issue were 20.1 and 62.9, respectively.

With the exception of the semiweeklies, the number of each class of publications was less in 1909 than in 1904. Although the number of dailies in 1909 was slightly less than in 1899, the circulation increased substantially, especially from 1899 to 1904. The circulation of the weeklies, 1,269,856, constituted 40 per cent of the aggregate circulation of all publications in 1909. Monthlies show an increase in number and circulation during the decade as a whole, notwithstanding a decline in both respects between 1904 and 1909.

Of the 758 publications issued in 1909, 73 were printed in foreign languages. Of these, 48 were in Scandinavian, 20 in German, 2 in Finnish, and 1 each in French, Polish, and Norwegian and English. Scandinavian publications led in foreign circulation with 311,211 in 1909, the German coming next with 196,078. The total circulation of newspapers and periodicals printed in foreign languages was 540,989 in 1909, as compared with 547,763 in 1904.

Boots and shoes.¹—The following table gives the number of pairs of the different kinds of boots and shoes manufactured in 1909, 1904, and 1899:

PRODUCT.	NUMBER OF PAIRS.		
	1909	1904	1899
Boots and shoes, total.....	3,105,530	2,373,222	2,328,411
Men's.....	2,025,723	1,102,077	1,336,793
Boys' and youths'.....	115,520	387,408	330,375
Women's.....	700,801	419,591	423,276
Misses' and children's.....	287,977	403,546	228,907
Slippers, total.....	(1)	42,000	60,003
All other, total.....	(1)	224,338	59,408

¹ Not reported.

The total number of pairs of boots and shoes increased 37.2 per cent during the decade. The production of men's shoes increased from 1,336,793 pairs in 1899 to 2,025,723 pairs in 1909, or 51.5 per cent, but that of boys' and youths' shoes decreased. The output of women's boots and shoes was about the same in 1904 as in 1899, but increased rapidly from 1904 to 1909; misses' and children's shoes show an increase for the decade as a whole, but a marked falling off from 1904 to 1909.

Laundries.—Statistics for steam laundries are not included in the general tables or in the totals for manufacturing industries. There were 158 such establishments in Minnesota, 43 of which were in Minneapolis, 22 in St. Paul, 10 in Duluth, 3 in Winona, 2 in Mankato, 2 in Stillwater, 1 in St. Cloud, and 1 in Virginia. The following statement summarizes the statistics:

Number of establishments.....	158
Persons engaged in the industry.....	3,338
Proprietors and firm members.....	187
Salaried employees.....	235
Wage earners (average number).....	2,916
Primary horsepower.....	2,919
Capital.....	\$1,821,191
Expenses.....	2,223,019
Services.....	1,343,174
Materials.....	514,354
Miscellaneous.....	365,491
Amount received for work done.....	2,855,738

The most common form of ownership was the individual, with 99 establishments. The firm, corporate, and cooperative forms of ownership were represented by 35, 23, and 1 establishments, respectively. Forty-four establishments had receipts for the year's business of less than \$5,000; 73, receipts of \$5,000 but less than \$20,000; 39, \$20,000 but less than \$100,000; and 2, receipts of \$100,000 but less than \$1,000,000.

¹ The title of this industry in the tables, being uniform for all states, is "Boots and shoes, including cut stock and findings," but in Minnesota there were no establishments whose chief products were cut stock or findings.

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

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	2,715	87.3	July.....	3,101	99.7
February.....	2,725	87.6	August.....	3,111	100.0
March.....	2,729	87.7	September.....	3,085	99.2
April.....	2,810	90.5	October.....	2,958	95.0
May.....	2,896	93.1	November.....	2,925	94.0
June.....	2,996	96.3	December.....	2,939	94.5

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

KIND.	Number of engines or motors.	Horsepower.
Primary power, total.....		2,919
Owned:		
Steam.....	115	2,530
Gas.....	13	80
Rented:		
Electric.....	76	304
Other.....		5

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

KIND.	Unit.	Quantity.
Anthracoite coal.....	Tons.....	2,287
Bituminous coal.....	Tons.....	28,131
Coke.....	Tons.....	252
Wood.....	Cords.....	4,248
Oil.....	Barrels.....	424
Gas.....	1,000 feet.....	16,832

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.....	137	278
Persons engaged in the industry.....	307	577
Proprietors and firm members.....	244	459
Salaried employees.....		0
Wage earners (average number).....	123	109
Primary horsepower.....	3,060	6,516
Capital.....	\$203,105	\$792,685
Expenses.....	58,658	3,264,130
Services.....	45,250	46,705
Materials.....	2,001	13,190,150
Miscellaneous.....	11,407	27,275
Value of products.....	132,283	13,660,055

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

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Saln-riod employ-ees.	Wage earners (average number).							
Expressed in thousands.													
STATE—All industries.....	1909	5,561	104,408	5,376	14,263	84,767	297,670	\$275,416	\$15,452	\$47,471	\$281,022	\$409,420	\$127,798
	1904	4,756	83,301	4,524	9,141	69,636	220,934	184,003	9,033	35,843	210,554	307,858	97,304
	1899	4,096	.....	.....	6,625	64,557	180,124	133,077	6,064	29,020	150,299	223,693	73,394
Agricultural implements.....	1909	17	1,293	7	272	1,014	1,468	6,074	312	632	1,090	3,014	1,024
	1904	21	1,435	10	249	1,170	2,527	7,793	319	637	1,000	2,885	1,795
	1899	18	1,120	10	182	928	1,018	3,730	100	423	710	1,704	1,045
Artificial stone.....	1909	123	807	157	57	653	500	830	37	380	370	1,090	711
	1904	32	329	42	22	265	77	200	18	151	137	384	247
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mcycles, motorcycles, and parts.....	1909	6	71	4	13	54	40	224	13	32	215	320	111
	1904	8	20	7	2	11	11	18	1	0	14	34	20
	1899	4	53	4	2	47	.....	38	2	8	31	67	26
Boots and shoes, including cut stock and findings.	1909	18	2,940	4	281	2,904	1,411	5,729	406	1,200	4,935	7,568	2,033
	1904	17	1,037	8	216	1,714	883	2,432	188	719	2,032	4,170	1,638
	1899	16	2,184	13	140	2,025	808	2,238	155	719	2,378	3,010	1,238
Boxes, fancy and paper.....	1909	11	606	5	60	595	453	928	89	236	481	1,023	542
	1904	6	345	3	22	320	87	342	32	119	223	456	233
	1899	4	255	5	16	234	.....	159	14	61	68	196	128
Bread and other bakery products.....	1909	403	2,435	446	203	1,006	955	4,976	270	972	3,804	6,785	2,081
	1904	272	1,898	309	242	1,347	762	2,509	181	670	2,658	4,620	1,662
	1899	179	1,378	199	207	972	.....	1,560	113	393	1,532	2,760	1,228
Brick and tile.....	1909	82	1,200	70	83	1,038	5,867	2,500	87	538	378	1,442	1,064
	1904	101	1,177	132	62	993	4,120	1,688	43	466	290	1,227	937
	1899	104	1,008	125	34	840	2,484	1,041	23	320	185	772	587
Butter, cheese, and condensed milk.....	1909	784	1,971	425	302	1,184	11,874	4,752	137	820	22,707	25,287	2,580
	1904	771	1,563	286	230	1,041	11,511	3,305	63	634	11,140	12,871	1,731
	1899	596	1,201	210	341	740	8,025	2,265	59	398	7,180	8,480	1,291
Canning and preserving.....	1909	32	525	18	92	415	692	993	82	135	805	1,343	448
	1904	31	352	20	69	293	540	641	65	80	435	778	343
	1899	9	.....	.....	33	122	.....	226	31	33	212	333	121
Carriages and wagons and materials.....	1909	134	1,108	154	86	868	1,657	2,331	102	520	983	2,175	1,492
	1904	141	1,180	175	82	923	1,825	2,224	83	454	807	1,868	1,001
	1899	181	.....	.....	54	1,107	.....	1,024	59	487	964	2,108	1,144
Cars and general shop construction and repairs by steam-railroad companies.	1909	28	8,081	.....	440	8,232	10,680	13,183	457	5,586	6,494	12,631	6,137
	1904	24	6,130	.....	372	5,767	4,597	6,901	340	3,300	3,710	7,380	3,604
	1899	30	4,964	.....	264	4,700	3,700	4,934	243	2,599	3,380	6,320	2,940
Clothing, men's, including shirts.....	1909	41	2,432	43	233	2,160	421	2,303	253	722	2,814	4,459	1,645
	1904	30	1,002	51	115	1,496	315	1,906	117	409	1,590	2,655	1,056
	1899	36	.....	.....	141	1,882	.....	1,253	150	571	1,471	2,412	941
Clothing, women's.....	1909	11	233	19	11	203	20	108	11	110	110	305	105
	1904	10	300	14	33	343	83	131	21	95	141	317	176
	1899	8	550	17	17	510	.....	80	13	129	180	427	241
Coffee and spice, roasting and grinding.....	1909	12	434	0	83	342	550	1,057	113	123	2,363	2,007	644
	1904	13	291	17	59	188	557	784	52	66	1,373	1,810	443
	1899	10	800	10	95	695	.....	491	91	53	898	1,250	382
Confectionery.....	1909	39	973	37	221	715	505	1,177	245	241	1,370	2,346	976
	1904	27	825	28	151	646	417	825	180	202	919	1,074	755
	1899	10	.....	.....	123	393	.....	297	88	98	670	1,001	431
Cooperage and wooden goods, not elsewhere specified.	1909	32	934	29	64	850	1,755	1,418	69	444	1,423	2,187	704
	1904	32	810	26	45	730	932	910	53	374	1,204	1,914	710
	1899	36	.....	.....	39	721	.....	641	30	347	1,084	1,718	694
Copper, tin, and sheet-iron products.....	1909	114	1,368	116	171	1,081	507	2,925	169	649	1,347	2,765	1,418
	1904	72	1,001	84	97	880	473	2,033	108	440	849	1,851	1,002
	1899	43	.....	.....	50	762	.....	628	61	301	708	1,610	848
Electrical machinery, apparatus, and supplies.	1909	13	232	3	42	187	265	427	54	101	220	520	306
	1904	15	213	11	32	170	140	389	36	103	187	424	237
	1899	12	110	11	13	86	.....	80	8	45	122	228	100
Fancy articles, not elsewhere specified.....	1909	4	282	.....	51	231	50	234	60	72	151	387	256
	1904	4	291	.....	44	241	45	216	66	74	108	430	271
	1899	4	160	.....	12	82	.....	55	15	22	44	90	52
Flour-mill and gristmill products.....	1909	322	6,890	400	2,070	4,345	93,849	38,505	2,135	2,782	124,217	139,130	14,910
	1904	303	5,733	410	836	4,481	86,093	34,857	906	2,651	109,001	122,059	12,998
	1899	336	.....	.....	605	4,036	64,804	23,710	731	3,360	73,822	82,098	9,160
Food preparations.....	1909	30	558	27	126	405	1,272	1,580	230	205	2,824	4,207	1,383
	1904	16	322	10	41	271	337	556	123	109	925	1,591	666
	1899	19	247	17	32	198	.....	222	30	44	488	701	213
Foundry and machine-shop products.....	1909	247	7,273	193	1,078	6,002	9,066	16,873	1,208	3,904	7,185	15,000	8,424
	1904	188	4,709	181	590	4,022	5,735	8,578	607	2,410	4,415	9,599	5,094
	1899	198	4,357	228	381	3,748	.....	5,340	357	1,833	3,400	7,438	4,032
Fur goods.....	1909	42	1,300	44	200	1,056	288	2,251	220	560	2,213	3,776	1,563
	1904	35	1,425	47	142	1,230	165	2,543	167	497	2,012	3,379	1,367
	1899	10	.....	.....	144	756	.....	1,134	119	280	1,425	1,978	856

¹ Not reported separately.

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

STATISTICS OF MANUFACTURES.

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

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaries employees.	Wage earners (average number).							
Expressed in thousands.													
STATE—Continued.													
Furniture and refrigerators.....	1909	57	1,932	43	194	1,695	2,782	\$4,022	\$232	\$980	\$1,900	\$3,759	\$1,859
	1904	51	1,087	45	167	1,475	2,316	2,251	163	691	1,024	2,562	1,538
	1899	36	1,309	35	126	1,238	.....	1,867	127	483	1,000	2,063	1,063
Gas and electric fixtures and lamps and reflectors.....	1909	14	124	14	24	86	62	202	19	52	144	284	140
	1904	27	64	8	8	48	25	61	8	29	43	100	57
	1899	7	.....	.....	11	38	.....	36	7	21	27	84	57
Gas, illuminating and heating.....	1909	42	1,018	1	169	348	3,538	13,821	171	292	820	2,874	2,064
	1904	16	666	5	86	575	1,238	11,890	79	268	624	2,093	1,409
	1899	11	433	.....	58	375	.....	8,900	48	109	304	1,076	772
Hosiery and knit goods.....	1909	10	1,200	7	141	1,052	853	1,979	187	348	1,086	2,243	1,157
	1904	10	671	5	51	615	316	968	72	190	626	1,203	577
	1899	8	315	1	21	293	304	484	27	78	197	410	213
Jewelry.....	1909	17	105	23	23	119	46	69	19	82	87	255	168
	1904	9	95	10	10	75	21	64	7	47	53	151	98
	1899	3	.....	.....	4	21	.....	12	1	6	17	29	12
Leather goods.....	1909	42	1,080	32	178	870	418	1,828	184	448	1,686	2,821	1,185
	1904	35	833	30	131	672	327	1,914	146	344	1,115	1,951	836
	1899	23	.....	.....	71	517	.....	786	70	220	902	1,416	514
Lime.....	1909	8	234	10	21	203	319	427	16	101	143	311	168
	1904	8	147	14	5	128	120	211	3	70	128	289	161
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Liquors, malt.....	1909	65	2,238	42	543	1,653	6,912	20,733	759	954	2,343	10,508	8,225
	1904	70	1,308	75	258	1,035	6,079	13,552	371	670	1,739	6,178	4,439
	1899	78	1,095	85	154	859	2,889	8,540	214	418	868	4,457	3,589
Lumber and timber products.....	1909	525	22,304	645	955	20,704	67,839	49,123	1,460	10,918	20,805	42,353	21,433
	1904	332	21,878	365	1,042	20,471	57,575	34,884	1,249	10,309	17,798	42,033	24,235
	1899	361	.....	.....	846	22,395	59,184	35,662	960	10,232	23,823	47,080	23,257
Malt.....	1909	0	175	.....	37	138	3,567	3,120	65	110	3,531	4,315	784
	1904	7	95	.....	29	69	1,160	1,310	47	51	897	1,198	301
	1899	5	39	2	0	28	.....	314	11	14	167	242	75
Marble and stone work.....	1909	112	2,067	105	164	1,788	5,422	2,783	109	1,029	1,045	2,905	1,920
	1904	53	960	78	55	827	1,743	904	47	509	341	1,245	904
	1899	40	.....	.....	54	1,231	.....	792	57	584	258	1,102	844
Mattresses and spring beds.....	1909	15	541	18	75	453	1,192	1,266	98	248	810	1,508	698
	1904	8	245	9	44	192	192	490	41	93	297	581	284
	1899	11	.....	.....	23	210	.....	333	18	83	270	498	228
Musical instruments, pianos and organs and materials.....	1909	5	172	3	26	143	153	619	20	100	126	294	168
	1904	3	27	3	1	23	26	23	1	16	28	55	27
	1899	3	42	3	4	35	.....	68	3	12	26	53	27
Oil, linseed.....	1909	0	433	.....	59	374	3,821	4,764	107	250	9,685	11,087	1,352
	1904	5	387	.....	34	353	2,075	3,201	66	204	6,089	7,018	929
	1899	5	200	.....	45	155	.....	1,963	71	82	2,951	3,273	322
Paint and varnish.....	1909	14	294	8	122	164	420	1,387	148	101	889	1,489	600
	1904	5	125	2	45	78	222	672	56	37	454	709	255
	1899	6	86	5	29	52	.....	325	28	20	209	358	149
Paper and wood pulp.....	1909	0	640	.....	33	607	23,440	3,235	64	361	1,438	2,385	947
	1904	4	418	.....	22	396	7,153	1,491	31	234	677	1,146	469
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paper goods, not elsewhere specified.....	1909	8	126	11	28	87	47	150	21	27	143	252	109
	1904	4	19	3	4	12	4	6	(*)	5	3	13	10
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Patent medicines and compounds and druggists' preparations.....	1909	101	1,083	82	526	475	741	4,154	320	188	1,690	4,412	2,722
	1904	77	795	67	384	344	545	1,837	234	136	1,340	3,136	1,796
	1899	43	.....	.....	178	188	.....	1,039	115	63	325	932	607
Photo-engraving.....	1909	0	236	11	57	188	45	148	60	157	39	350	311
	1904	7	129	8	19	102	25	57	14	66	23	145	122
	1899	10	68	12	3	53	.....	29	1	29	16	70	60
Printing and publishing.....	1909	950	9,078	1,036	2,401	5,041	5,765	13,905	2,257	3,507	4,096	15,982	11,886
	1904	919	7,410	984	1,813	4,613	3,958	8,807	1,442	2,633	2,787	11,564	8,777
	1899	731	6,170	815	1,232	4,123	.....	7,784	966	1,967	1,873	8,197	6,319
Shipbuilding, including boat building.....	1909	33	257	36	12	209	419	380	8	139	158	377	219
	1904	23	270	30	16	224	302	319	15	133	102	342	240
	1899	25	172	28	7	137	176	162	8	74	85	224	139
Show cases.....	1909	7	120	5	11	104	215	166	12	77	112	241	129
	1904	6	124	6	6	112	128	72	4	71	120	209	89
	1899	3	17	3	.....	14	.....	14	.....	7	16	30	14

* Excluding statistics for three establishments, to avoid disclosure of individual operations.
 † Excluding statistics for one establishment, to avoid disclosure of individual operations.
 ‡ Not reported separately.
 § Excluding statistics for two establishments, to avoid disclosure of individual operations.
 ¶ Figures can not be shown without disclosing individual operations.
 * Less than \$500.

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 employees.	Wage earners (average number).							
STATE—Continued.													
Slaughtering and meat packing.....	1909	30	2,452	28	503	1,021	4,579	\$7,881	\$510	\$1,120	\$22,150	\$25,754	\$3,698
	1904	29	1,691	34	281	1,376	1,669	3,437	254	788	15,104	17,889	2,483
	1899	120	820	27	125	608	960	1,355	103	304	6,823	7,811	988
Stoves and furnaces, including gas and oil stoves.	1909	10	213	8	20	185	113	413	20	121	245	600	355
	1904	10	157	7	41	109	98	298	41	59	102	304	202
	1899												
Surgical appliances and artificial limbs.....	1909	11	98	12	34	52	32	145	34	40	33	201	168
	1904	11	79	8	32	39	20	72	31	24	24	144	120
	1899	12	58	12	15	31		28	14	17	22	107	85
Tobacco manufactures.....	1909	339	2,130	369	148	1,013	37	1,718	208	832	1,256	3,365	2,109
	1904	352	2,238	393	115	1,780	20	1,469	120	837	1,098	3,205	2,107
	1899	308	1,999	345	92	1,562	23	1,225	84	662	954	2,472	1,518
Woolen, worsted, and felt goods, and wool hats.	1909	16	306	13	16	277	642	957	26	123	429	699	270
	1904	16	386	15	28	343	941	634	34	120	403	791	323
	1899	19	326	6	20	300	941	763	23	91	272	497	225
All other industries.....	1909	552	9,015	483	1,330	7,202	10,158	24,392	1,484	3,735	16,079	29,342	10,263
	1904	439	6,120	437	666	5,017	10,386	12,573	718	2,447	11,400	17,603	6,263
	1899	435			507	4,388		8,029	523	1,851	8,283	12,943	4,690

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

DULUTH—All industries.....	1909	194	6,916	155	678	6,083	17,561	\$17,709	\$910	\$3,593	\$5,844	\$17,120	\$6,338
	1904	163	4,645	155	503	3,987		9,538	594	2,186	4,834	10,139	5,505
	1899	126			220	3,658		5,967	212	1,779	3,659	7,811	4,182
Bread and other bakery products.....	1909	13	105	14	32	50	21	124	17	34	180	312	123
	1904	12	77	14	7	50		79	3	35	105	184	70
	1899	5			9	41		17	5	22	73	121	48
Clothing, men's, including shirts.....	1909	4	193	2	25	166	43	254	26	50	208	450	182
	1904	4	84	5	5	74		60	4	18	90	136	37
	1899	3				38		11		8	32	52	20
Copper, tin, and sheet-iron products.....	1909	6	60	7	8	54	5	94	9	42	58	144	86
	1904	4	77	6	10	61		80	8	30	60	129	70
	1899												
Foundry and machine-shop products.....	1909	13	580	6	95	479	1,339	1,802	125	338	609	1,375	766
	1904	8	357	4	51	302		586	55	180	340	703	354
	1899	8			37	303		273	30	105	164	476	282
Leather goods.....	1909	6	180	6	34	140	70	344	33	82	449	640	191
	1904	4	116	2	13	101		189	13	61	124	221	97
	1899	4			3	36		10	2	18	45	85	40
Lumber and timber products.....	1909	14	3,166	3	80	3,074	7,350	5,014	171	1,092	2,636	5,562	2,926
	1904	17	2,172	18	101	2,053		2,795	139	1,051	1,369	3,809	2,417
	1899	15			63	2,268		3,684	68	1,039	1,370	3,965	2,580
Printing and publishing.....	1909	35	510	28	114	377	439	811	120	281	256	693	727
	1904	30	380	32	149	208		427	103	120	130	593	454
	1899	20			17	197		101	24	110	63	317	254
Tobacco manufactures.....	1909	15	108	18	6	84		93	5	51	68	180	112
	1904	15	106	10	23	127		101	10	98	68	319	221
	1899	13			4	64		31	4	37	50	133	73
All other industries.....	1909	88	1,906	71	275	1,650	8,234	8,093	404	1,014	4,311	7,534	3,223
	1904	69	1,210	58	147	1,005		5,155	190	581	2,271	4,038	1,797
	1899	58			87	713		1,741	83	341	1,823	2,672	840
MINNEAPOLIS—All industries.....	1909	1,102	33,923	1,012	5,949	26,962	89,247	\$90,382	\$6,277	\$15,638	\$119,993	\$165,405	\$45,412
	1904	876	26,045	847	3,527	21,671		66,135	3,536	11,418	88,822	121,182	32,280
	1899	789			2,158	19,620		50,177	2,113	9,383	68,910	94,408	25,498
Artificial stone.....	1909	28	220	33	17	176	141	210	12	103	83	261	178
	1904	9	135	13	17	105		95	15	53	46	119	73
	1899												
Bread and other bakery products.....	1909	100	1,156	108	151	897	500	3,644	182	481	2,035	3,695	1,569
	1904	70	945	81	132	732		1,370	114	340	1,406	2,513	1,047
	1899	62			94	481		802	63	190	732	1,287	555
Brick and tile.....	1909	9	148	8	7	133	993	400	0	58	36	157	121
	1904	8	121	8	7	106		238	7	59	36	147	111
	1899	8			4	88		173	2	36	22	70	57
Butter, cheese, and condensed milk.....	1909	7	40	5	17	27	324	210	15	17	612	675	63
	1904	12	43	10	5	22		230	0	15	110	150	40
	1899	15			7	26		42	3	13	166	212	46

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

STATISTICS OF MANUFACTURES.

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

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).							
Expressed in thousands.													
MINNEAPOLIS—Continued.													
Carriages and wagons and materials.....	1909	23	264	21	32	211	257	\$437	\$30	\$142	\$236	\$566	\$330
	1904	23	211	29	11	171		239	13	94	143	322	179
	1899	23	211	29	10	192		173	11	73	161	332	171
Cars and general shop construction and repairs by steam-railroad companies.	1909	3	2,083		107	2,676	1,074	2,360	108	1,863	2,338	4,209	1,071
	1904	4	1,725		91	1,634		1,400	78	953	982	2,027	1,045
	1899	4			71	1,268		1,334	65	657	776	1,551	775
Clothing, men's, including shirts.....	1909	17	924	20	98	806	127	851	91	257	985	1,611	626
	1904	10	459	14	48	377		547	30	125	618	890	274
	1899	19			44	577		298	30	190	226	619	393
Confectionery.....	1909	12	452	15	109	328	162	520	125	112	651	1,072	421
	1904	8	342	6	70	260		376	77	82	396	737	341
	1899	4			46	122		94	22	35	212	335	123
Cooperage and wooden goods, not elsewhere specified.	1909	16	584	12	30	536	796	766	40	295	1,030	1,532	502
	1904	15	501	9	32	350		608	38	296	873	1,415	542
	1899	14			29	555		436	23	279	932	1,464	522
Copper, tin, and sheet-iron products.....	1909	47	472	45	62	365	162	548	56	248	401	939	538
	1904	31	309	34	42	323		350	37	193	283	703	420
	1899	22			10	158		108	6	83	156	342	186
Electrical machinery, apparatus, and supplies.	1909	8	149	2	29	118	144	333	40	64	166	391	225
	1904	7	131	6	13	107		222	22	60	122	250	128
	1899	7			11	70		69	7	38	110	190	80
Flour-mill and gristmill products.....	1909	13	3,594	6	1,309	2,279	50,598	19,869	1,295	1,530	70,953	78,670	7,717
	1904	12	2,520	2	297	2,227		19,489	401	1,404	56,358	62,754	6,396
	1899	11			239	2,066		14,306	327	1,322	46,215	49,670	4,455
Foundry and machine-shop products.....	1909	95	3,254	59	599	2,596	3,405	7,394	669	1,754	3,389	7,241	3,852
	1904	70	2,328	55	304	1,969		4,423	313	1,210	2,470	5,034	2,564
	1899	75			212	1,743		2,462	180	799	1,691	3,778	2,087
Fur goods.....	1909	17	195	16	51	128	30	484	23	73	283	511	228
	1904	13	222	14	34	174		228	36	75	230	462	232
	1899	9			4	122		120	8	43	158	238	80
Furniture and refrigerators.....	1909	23	908	16	83	809	1,073	1,278	88	447	818	1,651	833
	1904	19	808	17	81	710		1,042	78	326	491	1,233	747
	1899	12			53	536		750	54	218	385	827	442
Gas and electric fixtures and lamps and reflectors.	1909	7	39	10	2	27	22	87	3	16	30	75	45
	1904	4	24	4	3	17		21	3	6	17	34	17
	1899	4			8	31		26	7	17	21	68	47
Hats and caps, other than felt, straw, and wool.	1909	4	47	5	12	30	3	41	5	15	23	55	32
	1904	3	26	5	1	20		16	1	9	11	27	16
	1899												
Jewelry.....	1909	8	104	13	15	76	31	40	14	48	55	156	101
	1904	5	64	5	10	49		50	7	29	35	97	62
	1899												
Leather goods.....	1909	14	331	10	61	260	98	637	76	147	503	923	420
	1904	12	225	11	45	169		571	41	92	296	493	202
	1899	17			20	146		234	19	72	248	395	147
Liquors, malt.....	1909	4	428	1	105	322	1,426	2,655	86	128	514	2,171	1,057
	1904	5	310	1	58	251		3,716	100	163	427	1,186	769
	1899	4			44	194		4,195	67	125	252	1,508	1,256
Lumber and timber products.....	1909	34	5,262	19	248	4,995	11,824	11,599	424	2,838	5,927	11,508	5,581
	1904	30	4,881	30	244	4,607		9,839	344	2,327	5,360	10,388	5,028
	1899	29			106	5,331		10,743	278	2,076	7,759	14,047	6,888
Marble and stone work.....	1909	10	318	10	29	279	352	461	31	209	273	555	282
	1904	15	71	8		63		44		52	66	130	64
	1899	13			6	107		105	4	80	74	208	134
Models and patterns, not including paper patterns.	1909	5	35	6	1	28	30	13	2	19	8	42	34
	1904	7	37	9		28		13		16	8	40	32
	1899	6				9		7		5	2	21	19
Paper goods, not elsewhere specified.....	1909	5	105	6	28	71	30	107	21	19	119	204	85
	1904	3	22	2		20		15		6	13	29	16
	1899												
Patent medicines and compounds and druggists' preparations.	1909	52	583	39	349	195	259	1,780	167	77	403	1,391	988
	1904	28	463	20	305	138		645	147	61	783	1,724	941
	1899	15			90	48		359	53	20	100	344	244
Photo-engraving.....	1909	5	139		35	104	22	87	37	93	25	204	179
	1904	4	92	5	16	71		38	13	52	11	105	94
	1899	6			3	41		19	1	23	8	51	43
Printing and publishing.....	1909	216	3,160	273	1,132	1,755	2,180	4,416	1,061	1,162	1,693	6,478	4,785
	1904	185	2,597	175	921	1,501		3,203	723	902	1,117	4,760	3,643
	1899	165			448	1,338		2,364	308	696	615	2,818	2,203

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

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

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaries employees.	Wage earners (average number).							
Expressed in thousands.													
MINNEAPOLIS—Continued.													
Shipbuilding, including boat building.....	1909	3	7	3	.....	4	10	\$8	.....	\$2	\$2	\$6	\$4
	1904	3	4	2	.....	2	.....	6	.....	1	2	7	6
	1899	3	.....	.....	.....	1	.....	1	.....	1	1	2	1
Slaughtering and meat packing.....	1909	4	18	4	2	12	22	23	\$2	10	113	138	25
	1904	3	12	4	1	7	.....	17	1	4	33	44	11
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stereotyping and electrotyping.....	1909	3	40	.....	10	30	56	72	5	21	13	52	30
	1904	3	64	1	14	40	.....	160	15	20	20	130	110
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Surgical appliances and artificial limbs.....	1909	6	70	8	30	38	30	108	32	31	21	162	141
	1904	23	54	.....	30	24	.....	51	20	15	16	107	91
	1899	24	.....	.....	13	15	.....	18	13	0	13	66	64
Tobacco manufactures.....	1909	45	414	40	51	314	16	371	73	168	254	666	412
	1904	248	400	55	34	377	.....	263	38	184	224	646	422
	1899	242	.....	.....	28	335	.....	206	22	152	173	532	359
All other industries.....	1909	250	7,750	100	1,132	6,437	12,300	28,555	1,440	3,101	20,000	37,428	11,428
	1904	208	5,007	200	650	4,811	.....	16,508	702	2,176	15,821	22,440	6,628
	1899	200	.....	.....	408	4,020	.....	10,728	470	1,531	8,703	12,834	4,131
ST. PAUL—All industries													
	1909	719	23,530	640	3,542	19,339	26,204	\$60,467	\$4,048	\$10,952	\$30,300	\$58,090	\$28,690
	1904	614	17,037	566	2,108	14,363	.....	36,401	2,802	7,211	19,488	38,319	18,831
	1899	537	.....	.....	2,079	13,019	.....	25,659	1,875	5,324	15,913	30,056	14,143
Artificial stone.....	1909	20	238	23	16	104	64	156	11	121	86	288	202
	1904	6	115	6	3	106	.....	68	2	67	52	166	114
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boots and shoes, including out stock and findings.	1909	5	1,777	1	150	1,617	697	3,004	224	830	2,676	4,205	1,550
	1904	4	1,086	.....	45	1,041	.....	1,392	54	450	1,277	2,187	910
	1899	4	1,104	5	80	1,010	.....	1,204	91	377	1,003	1,640	643
Boxes, cigar.....	1909	8	38	5	1	32	15	38	1	11	24	52	28
	1904	3	49	3	.....	37	.....	19	.....	12	24	50	25
	1899	8	38	3	2	33	.....	18	2	11	30	52	22
Bread and other bakery products.....	1909	60	507	77	63	367	240	495	48	253	743	1,308	625
	1904	41	399	47	58	294	.....	620	42	157	610	1,010	409
	1899	40	384	43	78	263	.....	474	31	123	480	870	396
Butter, cheese, and condensed milk.....	1909	6	102	5	47	50	535	170	27	30	1,018	2,120	202
	1904	24	61	3	0	49	.....	107	8	81	471	502	91
	1899	5	60	0	14	46	.....	175	12	20	433	518	85
Carpets, rag.....	1909	4	10	5	2	0	26	8	2	5	1	18	17
	1904	4	22	5	2	15	.....	5	1	11	8	32	24
	1899	4	18	0	.....	12	.....	3	.....	4	2	11	9
Carriages and wagons and materials.....	1909	11	165	12	10	134	170	272	18	80	96	250	154
	1904	19	197	23	13	161	.....	327	12	80	132	304	172
	1899	13	.....	.....	11	172	.....	270	11	80	110	318	208
Cars and general shop construction and repairs by steam-railroad companies.	1909	7	2,568	.....	162	2,406	3,521	5,023	167	1,877	1,846	3,640	1,794
	1904	3	1,940	.....	124	1,825	.....	3,270	108	1,004	1,231	2,345	1,114
	1899	7	1,460	.....	68	1,401	.....	1,596	64	817	1,192	2,087	895
Clothing, men's, including shirts.....	1909	13	982	17	81	884	204	633	104	311	1,270	1,917	647
	1904	28	962	19	40	894	.....	1,183	64	278	703	1,366	603
	1899	12	1,360	23	64	1,243	.....	611	111	306	1,187	1,684	497
Confectionery.....	1909	9	210	5	44	170	157	280	50	50	334	537	203
	1904	10	256	0	45	205	.....	180	46	65	221	446	225
	1899	8	.....	.....	53	195	.....	131	43	45	231	463	232
Cooperage and wooden goods, not elsewhere specified.	1909	3	72	2	5	65	185	142	0	32	08	168	70
	1904	5	58	4	3	51	.....	100	4	22	78	126	48
	1899	7	.....	.....	6	76	.....	121	5	37	72	128	56
Copper, tin, and sheet-iron products.....	1909	31	649	26	74	540	262	2,022	83	298	674	1,282	608
	1904	24	309	30	35	244	.....	324	35	124	298	573	305
	1899	18	.....	.....	40	582	.....	512	55	208	595	1,242	647
Electrical machinery, apparatus, and supplies.	1909	5	83	1	13	60	61	94	14	37	54	135	81
	1904	8	82	5	14	63	.....	167	14	43	94	173	109
	1899	4	17	5	.....	12	.....	10	.....	6	11	32	21
Foundry and machine-shop products.....	1909	45	2,425	34	273	2,118	3,474	5,681	316	1,284	2,352	5,033	2,681
	1904	30	1,421	25	182	1,214	.....	2,442	192	720	1,171	2,720	1,558
	1899	32	.....	.....	98	1,143	.....	1,745	114	590	1,105	2,257	1,152
Fur goods.....	1909	14	1,024	18	130	807	242	1,638	100	400	1,840	3,110	1,270
	1904	13	1,132	28	106	1,003	.....	2,210	120	401	1,711	2,701	1,080
	1899	9	.....	.....	139	608	.....	970	116	240	648	1,702	754

¹ Figures can not be shown without disclosing individual operations.

² Excluding statistics for two establishments, to avoid disclosure of individual operations.

³ Excluding statistics for one establishment, to avoid disclosure of individual operations.

⁴ Not reported separately.

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 employees.	Wage earners (average number).	Expressed in thousands.							
ST. PAUL—Continued.														
Furniture and refrigerators.....	1909	10	543	19	69	455	804	\$1,588	\$83	\$288	\$695	\$1,289	\$594	
	1904	17	413	15	44	354	.....	545	43	213	316	727	411
	1899	11	303	12	35	256	.....	302	35	105	277	556	279
Leather goods.....	1909	9	330	5	53	272	214	460	49	141	502	797	295	
	1904	9	354	8	44	302	.....	970	62	160	616	1,052	436
	1899	7	.....	.....	48	316	.....	474	48	120	578	876	298
Liquors, malt.....	1909	3	1,017	.....	269	748	1,964	10,720	345	500	940	4,910	3,970
	1904	4	429	1	74	354	.....	5,529	123	242	664	2,596	1,932
	1899	7	325	5	44	276	.....	2,355	71	116	235	1,335	1,100
Lumber and timber products.....	1909	17	728	11	63	654	2,804	1,637	82	352	1,034	1,679	645	
	1904	13	788	9	62	717	.....	924	64	332	945	1,582	637
	1899	10	428	6	38	384	.....	697	28	145	657	930	273
Marble and stone work.....	1909	10	250	7	27	216	519	459	30	178	287	619	332	
	1904	8	106	6	7	93	.....	145	4	72	106	226	120
	1899	6	137	6	9	122	.....	145	11	58	109	196	87
Mattresses and spring beds.....	1909	7	122	5	22	95	113	265	23	59	251	417	166	
	1904	3	75	.....	25	50	.....	90	19	27	51	158	107
	1899	3	63	3	14	46	.....	76	10	16	77	116	89
Paint and varnish.....	1909	6	99	2	49	48	243	498	66	24	371	607	236	
	1904	3	71	.....	25	46	.....	385	29	23	204	347	143
	1899	3	.....	.....	19	44	.....	298	28	19	175	299	124
Patent medicines and compounds and druggists' preparations.	1909	25	216	23	94	99	158	359	69	45	212	728	516	
	1904	24	144	23	36	85	.....	217	36	32	122	508	386
	1899	18	.....	.....	33	44	.....	47	27	14	40	205	165
Printing and publishing.....	1909	113	3,098	101	912	2,085	1,783	5,518	873	1,347	1,522	5,821	4,299	
	1904	114	2,216	83	610	1,523	.....	2,683	498	983	1,044	3,868	2,824
	1899	98	2,206	39	707	1,410	.....	3,446	536	715	843	3,440	2,597
Tobacco manufactures.....	1909	64	728	65	73	590	11	687	116	312	408	1,336	868	
	1904	63	749	66	51	632	.....	507	57	275	375	1,168	783
	1899	60	681	67	52	562	.....	513	52	240	335	866	531
All other industries.....	1909	201	5,534	175	813	4,546	7,738	17,414	1,032	2,300	10,006	16,604	6,595	
	1904	177	3,603	156	442	3,005	.....	11,966	556	1,370	6,964	11,228	4,264
	1899	152	.....	.....	367	2,754	.....	9,067	379	862	5,188	8,221	3,033

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

Mankato.....	1909	63	1,033	69	157	807	3,654	\$2,217	\$162	\$346	\$2,728	\$3,723	\$985
	1904	54	906	67	115	724	.....	2,223	102	303	2,529	3,422	893
	1899	47	.....	.....	81	520	.....	1,077	71	176	1,355	1,887	532
St. Cloud.....	1909	60	812	102	84	626	3,362	1,607	98	365	1,342	2,299	957
	1904	39	495	55	26	414	.....	865	30	240	1,217	1,800	583
	1899	30	.....	.....	50	507	.....	609	38	266	1,077	1,561	484
Stillwater.....	1909	38	940	83	169	688	1,952	3,277	222	359	1,648	2,686	1,038
	1904	36	1,190	33	203	955	.....	2,828	176	454	1,485	2,784	1,299
	1899	32	.....	.....	76	829	.....	2,172	85	358	1,050	1,801	751
Winona.....	1909	99	2,489	85	372	2,632	3,628	7,878	413	1,024	7,330	11,200	3,870
	1904	86	2,281	77	251	1,953	.....	6,087	282	894	5,274	7,850	2,576
	1899	72	.....	.....	186	1,965	.....	5,313	183	828	4,001	6,014	2,013
Virginia.....	1909	21	229	19	22	188	365	765	45	131	162	519	357
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Excluding statistics for one establishment, to avoid disclosure of individual operations.
² Excluding statistics for two establishments, to avoid disclosure of individual operations.
³ 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.
⁴ Figures not available.

TABLE II.—DETAIL STATEMENT FOR

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Average number.	Wage earners.		Total.	16 and over.		Under 16.				
					Male.	Female.		Maximum month.	Minimum month.		Male.	Female.	Male.	Female.			
															Number.		
1 All industries	5,561	104,406	5,376	3,768	7,891	2,006	84,787	Oct 90,020	Jan 79,918	(1)	(1)	(1)	(1)	(1)	297,670		
2 Agricultural implements	17	1,293	7	43	213	16	1,014	Dec 1,169	Sept 910	1,184	1,183	.....	2	.....	1,468
3 Artificial stone	123	807	157	39	12	6	653	July 867	Jan 344	833	833	.....	.....	.....	596
4 Automobiles, including bodies and parts	11	175	7	13	21	4	130	July 161	Jan 94	143	136	.....	7	.....	331
5 Baskets, and rattan and willow ware	4	11	7	.....	.....	.....	4	May 6	Jan 3	6	4	.....	.....	2	11
6 Bicycles, motorcycles, and parts	6	71	4	7	1	5	54	July 97	Jan 38	50	50	.....	.....	.....	40
7 Boots and shoes, including cut stock and findings	18	2,940	4	48	188	45	2,604	Dec 2,854	May 2,437	2,892	1,826	1,021	0	9	1,411		
8 Boxes, cigar	6	63	8	1	1	.....	53	May 53	Jan 52	52	20	32	.....	.....	27
9 Boxes, fancy and paper	11	646	5	28	23	15	595	Dec 639	Jan 568	654	290	358	4	2	453		
10 Brass and bronze products	7	46	6	3	2	2	33	Dec 41	May 28	42	31	.....	.....	.....	37
11 Bread and other bakery products	403	2,435	446	20	100	104	1,696	Nov 1,753	Jan 1,600	1,765	1,240	400	12	5	955		
12 Brick and tile	82	1,200	79	53	20	10	1,038	July 2,014	Jan 246	1,632	1,613	1	18	.....	5,867	
13 Brooms	10	118	21	4	2	.....	91	Feb 99	July 85	92	91	.....	1	.....	43
14 Butter, cheese, and condensed milk	784	1,971	425	227	89	46	1,184	July 1,372	Jan 1,025	1,101	1,170	8	4	.....	11,874	
15 Buttons	4	27	6	.....	.....	.....	1,21	Apr 38	Sept 9	12	4	8	.....	.....	16
16 Canning and preserving	32	525	18	37	45	10	415	Sept 1,438	Feb 198	1,157	594	450	61	46	692		
17 Carpets, rug	15	103	17	3	3	.....	70	May 94	Feb 48	88	67	20	.....	1	141
18 Carriages and wagons and materials	134	1,108	154	42	20	15	868	May 918	Jan 818	893	888	5	.....	.....	1,057
19 Cars and general shop construction and repairs by steam-railroad companies	28	8,081	.....	211	213	25	8,232	Oct 8,460	July 7,997	8,214	8,207	7	.....	.....	10,680
20 Clothing, men's, including shirts	41	2,432	48	46	101	26	2,156	Nov 2,297	Jan 2,050	2,411	255	2,156	.....	.....	421
21 Clothing, women's	11	233	19	5	2	4	203	Sept 241	Jan 165	183	56	127	.....	.....	26
22 Coffee and spice, roasting and grinding	12	434	9	20	43	20	342	Oct 374	Jan 316	329	135	191	.....	3	560	
23 Confectionery	39	973	37	33	151	37	715	Nov 898	July 634	830	301	533	.....	5	505	
24 Cooperage and wooden goods, not elsewhere specified	32	934	20	42	15	7	850	Nov 931	Jan 800	980	963	14	3	.....	1,754	
25 Copper, tin, and sheet-iron products	114	1,368	116	65	77	20	1,081	Oct 1,200	Jan 840	1,084	1,023	61	.....	.....	507
26 Cutlery and tools, not elsewhere specified	6	56	7	3	1	1	44	July 62	Jan 32	37	35	1	1	.....	47	
27 Dairy men's, poulterers', and apiarists' supplies	3	58	1	5	3	3	46	Mar 58	Dec 34	54	54	.....	.....	.....	80
28 Dentists' materials	4	10	2	.....	1	1	6	Jan 6	July 6	6	5	.....	.....	1	8
29 Electrical machinery, apparatus, and supplies	13	232	3	20	14	8	187	Oct 198	Feb 175	201	194	4	3	.....	205	
30 Electroplating	9	80	9	3	.....	1	67	Nov 75	Jan 56	71	71	.....	.....	.....	126
31 Fancy articles, not elsewhere specified	4	282	.....	14	20	17	231	My 253	Nov 196	207	45	162	.....	.....	56
32 Flour-mill and gristmill products	322	6,890	466	352	1,400	327	4,345	Feb 4,585	Aug 3,900	4,490	4,415	74	1	.....	93,849	
33 Food preparations	30	558	27	34	62	30	405	Oct 482	Jan 305	453	227	225	1	.....	1,272	
34 Foundry and machine-shop products	247	7,273	103	334	661	143	6,002	Oct 6,700	Feb 5,197	6,784	6,751	27	6	.....	9,066	
35 Fur goods	42	1,300	44	37	138	25	1,056	Nov 1,222	Jan 915	1,193	510	682	1	.....	288	
36 Furnishing goods, men's	10	224	12	9	13	8	182	Mar 196	Jan 165	180	8	180	1	.....	54	
37 Furniture and refrigerators	57	1,932	43	77	84	33	1,695	Nov 1,851	July 1,575	1,700	1,701	10	13	.....	2,782	
38 Gas and electric fixtures and lamps and reflectors	14	124	14	7	13	4	86	Sept 97	Jan 72	91	83	.....	.....	.....	62
39 Gas, illuminating and heating	42	1,018	1	32	114	23	848	July 963	Mar 756	895	895	.....	.....	.....	3,538
40 Gloves and mittens, leather	6	53	8	4	4	.....	37	Mar 48	July 30	39	10	20	.....	.....	5
41 Glucose and starch	13	33	.....	11	1	.....	37	Oct 111	Feb 4	131	131	.....	.....	.....	825
42 Hand stamps and stones and brands	6	64	5	4	0	6	41	July 45	Feb 42	44	43	.....	1	.....	25
43 Hats and caps, other than felt, straw, and wool	7	81	9	1	9	4	58	Sept 62	Jan 53	61	37	23	.....	1	8	
44 Hosiery and knit goods	10	1,200	7	28	66	47	1,052	Oct 1,173	Jan 835	949	148	776	2	23	853		
45 Jewelry	17	105	23	9	3	11	119	Dec 129	Mar 110	129	127	2	.....	.....	46
46 Leather goods	42	1,080	32	53	98	27	870	Dec 981	Jan 822	953	790	163	.....	.....	418
47 Lime	8	234	10	8	8	5	203	Apr 274	Jan 104	172	172	.....	.....	.....	319
48 Liquors, malt	65	2,238	42	151	358	34	1,653	July 1,902	Feb 1,471	1,695	1,558	46	1	.....	6,912	
49 Lumber and timber products	525	22,304	645	383	500	72	20,704	Oct 23,116	Apr 19,177	26,453	26,367	47	39	.....	67,839	
50 Malt	9	175	21	14	2	.....	138	Oct 160	July 121	156	155	1	.....	.....	3,567
51 Marble and stone work	112	2,067	105	56	93	15	1,738	July 2,024	Jan 1,242	1,749	1,747	2	.....	.....	5,422
52 Mattresses and spring beds	15	541	13	28	31	10	453	Oct 518	Jan 352	445	382	63	.....	.....	1,192
53 Millinery and lace goods	8	555	2	9	40	6	498	Mar 865	Dec 102	470	11	450	.....	.....	12
54 Models and patterns, not including paper patterns	11	53	14	1	.....	.....	38	Dec 42	July 35	42	41	.....	1	.....	48
55 Musical instruments and materials, not specified	3	5	3	.....	.....	.....	2	Jan 2	July 2	2	2	.....	.....	.....	10
56 Musical instruments, pianos and organs and materials	5	172	3	0	0	8	143	Dec 167	July 131	167	166	1	.....	.....	153
57 Oil, insect	6	433	.....	18	20	12	374	Oct 510	July 256	450	450	.....	.....	.....	3,821
58 Optical goods	6	45	3	7	4	6	25	Jan 25	July 25	25	23	1	1	.....	8	
59 Paint and varnish	14	294	8	26	67	20	164	July 185	Oct 147	162	143	10	.....	.....	420
60 Paper and wood pulp	9	640	.....	20	11	2	607	July 638	Jan 541	618	608	10	.....	.....	23,440
61 Paper goods, not elsewhere specified	8	126	11	7	13	8	87	Dec 90	Jan 80	90	38	61	.....	.....	47
62 Patent medicines and compounds and druggists' preparations	101	1,033	82	69	162	205	475	Oct 518	Jan 406	529	296	230	3	.....	741	
63 Photo-engraving	9	230	11	13	29	15	168	Mar 175	Oct 101	166	157	9	.....	.....	45

1 No figures given for reasons explained in the Introduction.

2 Same number reported for one or more other months.

STATISTICS OF MANUFACTURES.

THE STATE, BY INDUSTRIES: 1909.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.
	Total.	Services.			Materials.		Miscellaneous.					
		Ofcials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.		
1 \$275,416,029	\$376,061,941	\$6,079,729	\$8,471,771	\$47,470,803	\$6,190,588	\$275,431,699	\$1,419,140	\$3,560,403	\$2,483,017	\$24,054,791	\$409,419,621	\$127,797,334
68 147,900	321,819	28,422	31,700	167,493	4,907	33,066	10,556	392		54,614	349,566	310,933

* Same number reported throughout the year. * None 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, superintendents, 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 Printing and publishing.....	950	0,078	1,030	434	1,280	678	5,041	De 5,905	Jy 5,513	6,270	4,020	1,585	57	2	5,765	
2 Shipbuilding, including boat building..	33	287	36	5	4	3	209	Ap 250	Oc 158	101	101				419	
3 Show cases.....	7	120	5	7	4		104	Fe 100	Se 95	105	105				215	
4 Signs and advertising novelties.....	22	163	18	15	10	4	116	Au 131	Ja 98	122	110	0			25	
5 Slaughtering and meat packing.....	30	2,452	28	40	427	36	1,921	Ja 2,313	Aug 1,023	1,852	1,806	40	6		4,570	
6 Stereotyping and electrotyping.....	7	81	4	6	0	2	60	My 63	Jy 58	62	61	1			111	
7 Stoves and furnaces, including gas and oil stoves.	10	213	8	9	4	7	185	Ne 204	Ja 170	106	180	10			118	
8 Surgical appliances and artificial limbs.	11	98	12	6	17	11	52	Jy 54	Ja 40	52	45	7			32	
9 Tobacco manufactures.....	330	2,130	369	42	04	12	1,013	De 1,070	My 1,530	1,700	1,237	452	15	2	37	
10 Type foundry and printing materials..	7	48	2	6	1	3	36	De 41	Jy 31	40	37	2	1		140	
11 Woolen, worsted, and felt goods, and wool hats.	16	300	13	8	7	1	277	Oc 306	Ja 224	294	160	135	2		642	
12 All other industries ²	358	6,863	312	320	535	170	5,511								17,011	

¹ Same number reported for one or more other months.

² All other industries embrace--

Awnings, tents, and sails.....	16	Cement.....	1	Flavoring extracts.....	6
Babbitt metal and solder.....	1	Chemicals.....	4	Flax and hemp, dressed.....	1
Bags, other than paper.....	2	Clocks and watches, including cases and materials.	1	Furs, dressed.....	8
Baking powders and yeast.....	4	Coilins, burial cases, and undertakers' goods.....	6	Glass, cutting, staining, and ornamenting.....	10
Beet sugar.....	1	Coke.....	1	Gold and silver, reducing and refining, not from the ore.....	1
Bolting and hose, leather.....	3	Cordage and twine and jute and linen goods.....	1	Grease and tallow.....	8
Blacking and cleansing and polishing preparations.	2	Cordials and syrups.....	1	Hats, fur-felt.....	3
Bluing.....	2	Corsets.....	2	Hats, straw.....	1
Brushes.....	2	Drug grinding.....	2	Horseshoes, not made in steel works or rolling mills.	3
Butter, reworking.....	2	Enamelling and japanning.....	2	House-furnishing goods, not elsewhere specified...	3
Carriages and sleds, children's.....	4	Engraving, wood.....	1	Ink, printing.....	2
Cars and general shop construction and repairs by street-railroad companies.....	4	Fertilizers.....	1	Ink, writing.....	1
Cars, steam-railroad, not including operations of railroad companies.....	1	Fire extinguishers, chemical.....	1	Instruments, professional and scientific.....	2
		Flags, banners, regalia, society badges, and emblems.....	2	Iron and steel, blast furnaces.....	1

STATISTICS OF MANUFACTURES.

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STATE, BY INDUSTRIES: 1909—Continued.

	Capital.	EXPENSES.									Value of products.	Value added by manufacture.	
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.			Other.
1	\$13,005,155	\$12,018,098	\$859,228	\$1,398,108	\$3,507,200	\$184,588	\$3,911,517	\$279,965	\$71,099	\$538,219	\$2,108,084	\$15,082,212	\$11,886,107
2	380,011	322,923	4,450	3,432	139,049	5,146	152,449	1,221	1,624	15,552	377,423	219,828	
3	165,820	213,490	8,733	3,440	76,787	5,677	106,070	6,200	931	130	4,931	240,085	128,638
4	135,905	246,328	21,070	8,390	86,277	1,423	94,575	10,087	295	70	23,532	312,698	216,700
5	7,881,017	24,328,914	92,804	417,464	1,128,800	100,034	21,906,249	7,157	44,569	450	481,318	25,753,697	3,597,414
6	123,192	113,410	6,480	4,197	45,562	4,792	38,912	4,824	315	8,328	135,075	91,371	
7	412,605	441,447	14,100	5,452	121,206	8,538	236,734	4,727	1,381	250	48,999	600,053	354,781
8	144,736	153,594	21,036	12,952	39,566	1,437	32,061	5,335	637	40,570	201,442	167,944	
9	1,718,309	2,851,870	82,587	125,056	332,277	10,836	1,245,114	38,820	261,863	6	254,711	3,364,792	2,108,842
10	98,457	136,753	4,660	2,068	26,070	3,794	57,784	3,323	376	8,678	149,475	57,897	
11	956,714	621,754	18,900	6,760	123,368	13,424	415,304	1,500	5,532	1,200	35,706	698,576	269,848
12	22,270,783	20,031,068	562,536	653,146	2,917,098	1,029,045	13,042,194	112,930	94,874	2,222	1,617,323	22,432,534	8,361,295

* All other industries embrace—Continued.

Iron and steel, steel works and rolling mills.....	1	Pens, fountain, stylographic, and gold.....	1	Sugar and molasses.....	2
Iron and steel, doors and shutters.....	2	Photographic apparatus and materials.....	2	Toys and games.....	2
Iron and steel forgings.....	1	Pottery, terra-cotta, and fire-clay products.....	4	Upholstering materials.....	8
Labels and tags.....	1	Fulp goods.....	1	Vinegar and cider.....	3
Lead, bar, pipe, and sheet.....	1	Roofing materials.....	2	Wall plaster.....	2
Leather, tanned, curried, and finished.....	5	Rubber goods, not elsewhere specified.....	2	Washing machines and clothes wringers... ..	2
Looking-glass and picture frames.....	17	Safes and vaults.....	1	Wheelbarrows.....	1
Matches.....	1	Sand and emery paper and cloth.....	1	Windmills.....	1
Mats and matting.....	1	Smelting and refining, not from the ore.....	1	Window shades and fixtures.....	2
Mineral and soda waters.....	114	Soap.....	6	Wirework, including wire rope and cable.....	12
Mirrors.....	1	Soda-water apparatus.....	2	Wood carpet.....	1
Mucilage and paste.....	4	Sporting and athletic goods.....	3	Wood preserving.....	3
Needles, pins, and hooks and eyes.....	2	Stationery goods, not elsewhere specified.....	2	Wood, turned and carved.....	3
Oil, not elsewhere specified.....	3	Statuary and art goods.....	5	Wool pulling.....	1
Oilcloth and linoleum.....	1	Steam packing.....	4		

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

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			Total.	16 and over.		Under 10.			
					Male.	Female.	Total.	16 and over.	Under 10.		Male.	Female.	Male.	Female.		
															Male.		Female.
1 All industries.....	194	6,916	155	196	390	92	6,083	5,615	444	24	7,080	6,537	518	12	13	17,561
2 Bread and other bakery products.....	13	105	14	1	10	12	50	51	7	1	60	57	7	1		21
3 Clothing, men's, including shirts.....	4	193	2	8	13	4	160	23	143		194	27	107			43
4 Copper, tin, and sheet-iron products.....	6	69	7	2	4	2	54	54			56	56				5
5 Foundry and machine-shop products.....	13	580	6	32	57	6	479	479			543	543				1,399
6 Leather goods.....	6	180	6	10	21	3	140	137	3		155	152	3			70
7 Lumber and timber products.....	14	3,166	3	38	48	3	3,074	3,074			3,840	3,840				7,350
8 Printing and publishing.....	35	519	28	32	62	20	377	330	41	6	424	371	46	6	1	439
9 Tobacco manufactures.....	15	108	18	1	4	1	84	65	10		83	64	10			
10 All other industries ¹	88	1,090	71	72	162	41	1,050	1,370	264	10	1,725	1,432	276	5	12	8,234

¹ All other industries embrace: Artificial stone, 3; awnings, tents, and sails, 2; baking powders and yeast, 1; bluing, 1; boots and shoes, including cut stock and findings, 1; boxes, cigar, 1; boxes, fancy and paper, 1; brass and bronze products, 1; brooms, 1; butter, cheese, and condensed milk, 1; butter, reworking, 1; buttons, 1; carpets, rag, 1; carriages and wagons and materials, 4; cars and general shop construction and repairs by steam-railroad companies, 1; cars and general shop construction and repairs by street-railroad companies, 1; chemicals, 1; coffee and spice, roasting and grinding, 1; coke, 1; confectionery, 8; cooperage and wooden goods, not elsewhere specified, 1; flavoring extracts, 1; flour-mill and gristmill products, 1; food preparations, 3; fur goods, 4; furniture and refrigerators, 2; gas and electric fixtures and lamps and reflectors, 2; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hats, fur-felt, 1; horseshoes, not made in steel works or rolling mills, 1; hosiery

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1 All industries.....	1,102	33,923	1,012	1,259	3,388	1,302	26,962	22,322	4,074	60	28,528	24,080	4,405	43	24	89,247
2 Artificial stone.....	28	226	33	12	4	1	176	176			183	183				141
3 Bread and other bakery products.....	100	1,156	108	10	103	20	807	597	322	8	942	595	338	5	4	560
4 Brick and tile.....	9	148	8	6		1	133	133			216	216				963
5 Butter, cheese, and condensed milk.....	7	49	6	6	8	4	27	26	1		28	27	1			324
6 Carriages and wagons and materials.....	23	204	21	18	8	6	211	208	3		209	206	3			257
7 Cars and general shop construction and repairs by steam-railroad companies.....	3	2,683		53	44	10	2,576	2,568	8		2,324	2,317	7			1,674
8 Clothing, men's, including shirts.....	17	924	20	16	77	5	806	80	717		807	80	718			127
9 Confectionery.....	12	452	15	9	70	21	328	130	198		413	163	250			102
10 Cooperage and wooden goods, not elsewhere specified.....	16	584	12	24	8	4	530	523	13		594	580	14			796
11 Copper, tin, and sheet-iron products.....	47	472	46	31	10	12	365	365			384	384				162
12 Electrical machinery, apparatus, and supplies.....	8	140	2	11	11	7	118	111	4	3	128	121	4	3		144
13 Flour-mill and gristmill products.....	13	3,504	6	134	967	210	2,279	2,208	71		2,231	2,161	70			50,598
14 Foundry and machine-shop products.....	65	3,254	50	167	350	92	2,596	2,575	19	2	2,924	2,901	21	2		3,405
15 Fur goods.....	17	195	10	0	35	7	128	40	82		197	71	126			30
16 Furniture and refrigerators.....	23	908	10	38	28	17	809	799	10		822	812	10			1,073
17 Gas and electric fixtures and lamps and reflectors.....	7	39	10	1		1	27	27			28	28				22
18 Hats and caps, other than felt, straw, and wool.....	4	47	6	1	9	2	30	14	15	1	31	14	10		1	3
19 Jewelry.....	8	164	13	6	3	6	76	74	2		84	82	2			31
20 Leather goods.....	14	331	10	17	35	9	260	227	33		326	280	46			98
21 Liquors, malt.....	4	428	1	19	77	0	322	311	11		336	324	12			1,426
22 Lumber and timber products.....	34	5,202	10	90	140	18	4,995	4,954	38	3	5,369	5,325	41	3		11,824
23 Marble and stone work.....	10	318	10	11	16	2	279	277	2		282	280	2			352
24 Models and patterns, not including paper patterns.....	5	35	6	1			28	27		1	31	30		1		30
25 Paper goods, not elsewhere specified.....	5	105	6	7	13	8	71	25	46		83	29	54			30
26 Patent medicines and compounds and druggists' preparations.....	52	583	30	29	85	235	195	121	72	2	239	149	88	2		259
27 Photo-engraving.....	5	139		10	14	11	104	100	4		109	96	4			22
28 Printing and publishing.....	210	3,160	273	179	636	317	1,755	1,378	367	10	1,809	1,401	307	11		2,180
29 Shipbuilding, including boat building.....	3	7	3				4	4			16	16				16
30 Slaughtering and meat packing.....	4	18	4		2		12	12			13	13				22
31 Stereotyping and electrotyping.....	3	40		5	4	1	30	30			31	31				56
32 Surgical appliances and artificial limbs.....	6	70	8	5	17	8	38	34	4		39	35	4			36
33 Tobacco manufactures.....	45	414	49	19	30	2	314	208	105	1	367	243	123	1		10
34 All other industries ¹	259	7,750	100	317	508	247	6,437	4,474	1,631	32	6,858	4,764	2,060	15	10	12,990

¹ All other industries embrace: Agricultural implements, 7; automobiles, including bodies and parts, 8; awnings, tents, and sails, 5; babbit metal and solder, 1; bags, other than paper, 2; baking powders and yeast, 2; baskets, and rattan and willow ware, 2; belting and hose, leather, 3; bicycles, motorcycles, and parts, 2; blacking and cleansing and polishing preparations, 2; bluing, 1; boots and shoes, including cut stock and findings, 4; boxes, cigar, 2; boxes, fancy and paper, 4; brass and bronze products, 4; brooms, 6; brushes, 1; buttons, 2; canning and preserving, 8; carpets, rag, 6; carriages and sleds, children's, 2; cars, steam-railroad, not including operations of railroad companies, 1; chemicals, 2; clothing, women's, 1; coffee and spice, roasting and grinding, 4; Collins, burial cases, and undertakers' goods, 2; cordials and syrups, 1; cutlery and tools, not elsewhere specified, 4; dairymen's, poultrymen's, and apiculturists' supplies, 1; dentists' materials, 1; drug grinding, 1; electroplating, 4; enameling and japanning, 1; fancy articles, not elsewhere specified, 2; fire extinguishers, chemical, 1; flags, banners, regalia, society badges, and emblems, 1; flavoring extracts, 4; food preparations, 16; furnishing goods, men's, 2; furs, dressed, 3; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 6; gloves and mittens, leather, 1;

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AND TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909.

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

DULUTH.

	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	\$17,709,319	\$15,564,634	\$495,591	\$413,995	\$3,592,852	\$811,878	\$8,032,052	\$107,441	\$343,402	\$31,965	\$1,675,458	\$17,180,063	\$8,336,133
2	123,065	209,760	900	16,483	33,598	4,905	184,118	7,230	837	.....	21,698	312,384	123,361
3	253,940	384,851	10,500	15,054	58,642	1,800	266,329	6,300	1,500	.....	24,066	449,930	181,801
4	94,291	120,950	4,500	4,502	42,308	847	57,081	2,640	439	.....	8,579	143,801	85,373
5	1,802,420	1,271,448	62,036	62,093	337,980	32,436	576,183	3,235	7,557	.....	189,328	1,375,359	766,740
6	343,703	608,578	12,070	19,722	81,608	2,430	446,506	9,546	692	.....	35,098	639,681	190,745
7	5,613,558	5,234,872	123,540	47,708	1,692,029	19,228	2,616,448	6,620	98,947	70,322	560,030	5,561,953	2,926,277
8	810,504	812,368	52,256	67,878	281,434	7,137	248,633	20,193	3,580	21,218	110,034	933,451	727,681
9	62,623	149,032	1,080	4,256	50,505	278	67,548	2,711	10,624	.....	11,970	179,845	112,019
10	8,604,249	6,712,790	227,203	175,639	1,014,888	742,817	3,539,206	48,901	219,226	425	714,655	7,533,059	3,221,636

and knit goods, 2; iron and steel, blast furnaces, 1; jewelry, 3; lime, 1; liquors, malt, 3; looking-glass and picture frames, 1; marble and stone work, 1; matches, 1; mattresses and spring beds, 1; millinery and lace goods, 1; mineral and soda waters, 3; models and patterns, not including paper patterns, 1; optical goods, 1; paint and varnish, 2; patent medicines and compounds and druggists' preparations, 2; roofing materials, 1; sand and emery paper and cloth, 1; shipbuilding, including boat building, 3; show cases, 1; signs and advertising novelties, 2; slaughtering and meat packing, 2; smelting and refining, not from the ore, 1; stereotyping and electrotyping, 1; surgical appliances and artificial limbs, 1.

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1	\$90,362,225	\$153,760,750	\$2,729,613	\$3,547,608	\$15,638,114	\$1,752,543	\$118,240,592	\$646,394	\$1,058,432	\$941,993	\$9,205,461	\$165,404,680	\$45,411,545
2	210,117	220,001	10,743	1,400	103,085	2,482	80,254	517	1,208	2,353	17,899	260,867	178,131
3	3,043,501	3,120,835	47,270	134,473	481,135	54,143	1,982,226	29,191	12,846	.....	385,552	3,605,089	1,568,720
4	400,025	118,429	5,116	520	57,580	23,969	6,862	.....	2,422	9,291	7,669	156,940	121,109
5	209,731	654,435	7,810	6,775	16,987	5,862	606,334	2,156	503	.....	7,958	674,578	62,332
6	430,805	458,211	28,817	10,033	142,451	8,107	227,407	11,788	3,264	.....	26,344	565,932	330,418
7	2,358,740	4,308,772	66,305	41,494	1,863,408	74,351	2,268,214	.....	.....	.....	.....	4,308,772	1,971,207
8	851,286	1,440,143	26,063	63,995	257,091	8,057	977,098	22,386	5,435	2,525	76,893	1,611,154	625,999
9	320,350	1,016,120	24,800	100,410	111,810	11,240	639,694	17,132	3,279	.....	107,845	1,072,214	421,370
10	765,749	1,432,896	30,440	9,548	295,329	11,346	1,018,977	3,479	5,118	.....	58,650	1,532,135	501,812
11	548,186	777,864	41,844	13,728	247,578	0,366	394,457	15,402	3,511	400	54,578	939,217	538,394
12	333,405	324,174	24,450	15,031	64,180	5,661	160,164	3,240	1,162	.....	49,689	391,255	225,430
13	10,869,105	77,227,404	396,061	809,290	1,530,425	522,262	70,430,434	125,627	136,967	350,242	2,836,096	78,669,808	7,717,112
14	7,393,687	6,638,721	308,932	300,165	1,753,911	90,957	3,289,327	41,307	38,110	124,455	622,497	7,240,652	3,851,368
15	484,400	430,049	11,613	11,167	72,516	2,043	281,080	13,888	1,614	.....	46,028	510,610	227,487
16	1,277,613	1,490,102	50,151	37,837	440,703	10,146	798,705	12,363	8,340	300	125,497	1,650,961	833,110
17	87,360	53,745	1,000	900	16,391	846	29,070	3,108	194	.....	1,336	74,522	44,606
18	40,650	45,842	936	4,403	15,040	405	22,498	1,090	150	.....	1,230	55,125	32,132
19	39,700	120,108	6,470	7,272	47,020	1,447	53,481	5,013	219	.....	4,346	155,796	100,863
20	637,093	805,330	34,713	41,020	147,410	3,986	499,221	13,384	2,149	.....	63,447	923,376	420,169
21	2,654,545	1,610,201	52,210	33,966	127,778	47,858	466,543	324	404,025	.....	326,548	2,171,417	1,667,016
22	11,598,544	10,061,867	250,532	164,861	2,838,042	20,440	5,906,854	23,790	109,861	114,988	623,469	11,598,057	5,580,763
23	400,732	530,400	16,711	14,065	208,857	6,715	266,580	645	2,694	.....	14,223	554,575	281,271
24	13,074	33,112	1,800	.....	19,184	870	7,610	2,496	116	.....	1,036	42,437	33,957
25	166,670	171,692	5,880	15,265	19,307	1,134	117,734	2,269	429	5,000	4,074	204,305	85,437
26	1,770,745	1,160,331	48,023	110,231	76,815	12,253	391,081	11,428	16,607	1,880	492,005	1,391,382	988,048
27	80,788	180,223	20,512	16,012	63,498	3,025	21,714	6,820	240	.....	27,402	203,992	179,253
28	4,416,353	5,100,102	402,413	658,045	1,162,478	65,978	1,627,081	107,851	27,150	264,294	883,212	6,478,202	4,785,143
29	8,200	4,590	.....	.....	2,315	125	2,000	35	30	.....	85	5,800	3,675
30	22,827	127,084	.....	1,050	9,559	1,083	111,750	1,260	47	450	2,185	137,590	24,757
31	72,105	42,324	4,400	614	20,910	2,115	10,421	936	106	.....	2,522	51,838	39,302
32	107,036	120,817	20,100	12,070	30,542	1,207	19,254	4,239	570	.....	38,745	181,520	140,969
33	370,673	569,001	41,675	31,120	167,969	1,846	252,614	7,232	46,324	.....	50,512	666,301	411,841
34	28,667,570	33,271,810	731,284	710,740	3,100,150	721,038	25,278,894	155,940	163,682	65,815	2,245,283	37,428,261	11,428,330

hand stamps and stencils and brands, 2; hats, straw, 1; hosiery and knit goods, 4; house-furnishing goods, not elsewhere specified, 2; ink, writing, 1; instruments, professional and scientific, 2; iron and steel, steel works and rolling mills, 1; iron and steel, doors and shutters, 2; iron and steel forgings, 1; looking-glass and picture frames, 10; malt, 2; mattresses and spring beds, 6; mineral and soda waters, 11; mirrors, 1; moulage and paste, 3; musical instruments and materials, not specified, 3; musical instruments, pianos and organs and materials, 1; needles, pins, and hooks and eyes, 2; oil, linseed, 4; oil, not elsewhere specified, 2; optical goods, 4; paint and varnish, 6; paper and wood pulp, 1; photographic apparatus and materials, 1; pulp goods, 1; roofing materials, 1; rubber goods, not elsewhere specified, 1; sales and vaults, 1; show cases, 5; signs and advertising novelties, 12; soap, 2; soda-water apparatus, 2; sporting and athletic goods, 3; statuary and art goods, 2; steam packing, 1; stoves and furnaces, including gas and oil stoves, 3; type founding and printing materials, 4; wall plaster, 1; wheelbarrows, 1; window shades and fixtures, 2; wirework, including wire rope and cable, 6; wood carpet, 1; wood preserving, 2; wool pulling, 1; wooten, worsted, and felt goods, and wool hats, 1.

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

ST. PAUL.

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.....	710	23,530	640	851	1,066	725	19,330	14,553	4,742	44	20,536	15,309	5,091	31	15	26,204	
2 Artificial stone.....	20	238	28	10	3	3	104	104	.....	.....	237	237	.....	.....	.....	64
3 Boots and shoes, including cut stock and findings.....	5	1,777	1	20	111	28	1,017	1,035	500	13	1,710	1,100	606	5	8	697	
4 Boxes, cigar.....	3	38	5	.....	1	.....	32	11	21	.....	32	11	21	.....	.....	15
5 Bread and other bakery products.....	69	507	77	4	27	32	307	297	68	2	397	297	68	2	2	240	
6 Butter, cheese, and condensed milk.....	6	102	5	6	15	26	50	48	2	.....	50	48	2	.....	.....	535
7 Carpets, rag.....	4	10	5	2	.....	.....	9	7	2	.....	8	6	2	.....	.....	26
8 Carriages and wagons and materials.....	11	165	12	12	2	5	134	134	.....	.....	144	144	.....	.....	.....	170
9 Cars, and general shop construction and repairs, by steam-railroad companies.....	7	2,598	.....	70	78	5	2,400	2,400	.....	.....	2,525	2,525	.....	.....	.....	3,521
10 Clothing, men's, including shirts.....	13	982	17	16	54	11	884	91	703	.....	1,050	108	642	.....	.....	204
11 Confectionery.....	0	210	5	10	31	3	170	58	112	.....	180	62	118	.....	.....	157
12 Cooperage and wooden goods, not elsewhere specified.....	3	72	2	3	.....	2	65	65	.....	.....	72	72	.....	.....	.....	185
13 Copper, tin, and sheet-iron products.....	31	640	20	22	30	13	540	484	65	.....	514	453	61	.....	.....	202
14 Electrical machinery, apparatus, and supplies.....	5	83	1	9	3	1	69	69	.....	.....	73	73	.....	.....	.....	61
15 Foundry and machine-shop products.....	45	2,425	34	84	155	34	2,118	2,112	2	4	2,380	2,374	2	4	.....	3,474
16 Fur goods.....	14	1,024	18	26	98	15	807	400	406	1	913	422	490	1	.....	242
17 Furniture and refrigerators.....	19	543	19	20	38	11	455	451	4	.....	514	500	5	.....	.....	804
18 Leather goods.....	9	330	5	19	30	4	272	248	24	.....	288	263	25	.....	.....	214
19 Liquors, malt.....	3	1,017	.....	60	189	20	748	711	37	.....	832	648	34	.....	.....	1,064
20 Lumber and timber products.....	17	728	11	32	26	5	654	652	.....	2	670	668	.....	2	.....	2,804
21 Marble and stone work.....	10	250	7	8	15	4	216	216	.....	.....	217	217	.....	.....	.....	519
22 Mattresses and spring beds.....	7	122	5	8	10	4	95	80	15	.....	106	80	17	.....	.....	113
23 Paint and varnish.....	6	99	2	12	30	7	48	38	10	.....	44	35	9	.....	.....	243
24 Patent medicines and compounds and druggists' preparations.....	25	216	23	19	44	31	99	40	50	.....	105	52	53	.....	.....	158
25 Printing and publishing.....	113	3,068	101	113	514	285	2,085	1,435	640	10	2,465	1,696	757	12	.....	1,783
26 Tobacco manufactures.....	64	728	65	15	51	7	590	389	198	3	596	393	200	1	2	11	
27 All other industries ¹	261	5,534	175	242	462	160	4,540	2,873	1,664	9	4,585	2,897	1,679	4	5	7,738	

¹ All other industries embrace: Agricultural implements, 3; awnings, tents, and sails, 7; baking powders and yeast, 1; baskets, and rattan and willow ware, 1; bicycles, motorcycles, and parts, 2; boxes, fancy and paper, 3; brass and bronze products, 2; brick and tile, 2; brooms, 2; brushes, 1; carriages and sleds, children's, 1; canning and preserving, 4; cars and general shop construction and repairs by street-railroad companies, 1; chemicals, 1; clothing, women's, 0; coffee and spices, roasting and grinding, 7; cordage and twine and jute and linen goods, 1; cutlery and tools, not elsewhere specified, 2; dentists' materials, 3; electroplating, 4; enameling and japanning, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 2; flags, banners, regalia, society badges, and emblems, 1; flavoring extracts, 1; flax and hemp, dressed, 1; flour-mill and wood, 1; fur articles, not elsewhere specified, 2; flags, banners, regalia, society badges, and emblems, 1; flavoring extracts, 1; flax and hemp, dressed, 1; flour-mill and wood, 1; fur articles, not elsewhere specified, 2; gas and electric fixtures and lamps and reflectors, 5; gas, illuminating and heating, 2; gristmill products, 2; food preparations, 0; furnishing goods, men's, 3; furs, dressed, 3; gas and electric fixtures and lamps and reflectors, 5; gas, illuminating and heating, 2; glass, cutting, staining, and ornamenting, 3; gloves and mittens, leather, 2; gold and silver, reducing and refining, not from the ore, 1; hand stamps and stencils and brands, 3; hats and caps, other than felt, straw, and wool, 3; hats, fur-felt, 1; hosiery and knit goods, 1; ink, printing, 2; jewelry, 5; labels and tags, 1; lead, bar, pipe and sheet, 1;

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

1	MANKATO.....	63	1,033	60	60	71	26	807	662	135	10	911	747	162	5	7	3,664
2	ST. CLOUD.....	69	812	102	39	38	7	626	595	30	1	647	615	31	1	.....	3,362
3	STIGLWATER.....	38	640	83	38	123	8	688	582	153	3	684	520	162	2	1	1,952
4	WINONA.....	69	2,489	85	118	182	72	2,032	1,630	396	6	2,090	1,652	402	1	5	8,628
5	VIRGINIA.....	21	229	10	0	11	2	188	187	1	205	204	1	365

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TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909—Continued.

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

ST. PAUL.

	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	\$60,466,777	\$52,772,885	\$1,604,510	\$2,383,665	\$10,951,605	\$1,033,656	\$29,265,978	\$465,665	\$1,014,088	\$360,097	\$5,633,621	\$53,990,025	\$28,690,391
2	156,207	233,714	6,675	3,940	121,426	2,531	83,390	617	1,365	.....	13,770	287,700	201,785
3	3,004,269	4,138,143	55,986	107,604	830,119	22,224	2,653,428	39,827	16,486	.....	352,469	4,264,620	1,588,968
4	37,700	38,132	.....	780	11,420	622	23,678	480	437	.....	715	51,797	27,497
5	496,374	1,148,030	13,665	34,035	252,906	27,803	715,310	26,435	4,237	.....	73,509	1,368,388	625,275
6	169,976	2,072,830	11,000	15,429	39,085	6,098	1,910,969	4,552	1,438	.....	83,068	2,120,023	202,356
7	8,000	10,110	2,400	.....	4,571	245	1,054	639	26	.....	1,181	18,175	16,876
8	271,838	215,624	13,640	4,640	70,963	3,744	92,022	4,048	1,736	.....	16,131	250,275	154,509
9	5,022,894	3,640,244	105,355	61,237	1,570,797	108,958	1,736,589	.....	.....	.....	51,308	3,640,244	1,794,697
10	632,501	1,791,067	39,352	64,555	310,891	6,479	1,263,687	12,734	4,638	.....	53,731	1,917,127	646,961
11	285,937	500,236	15,834	34,049	58,663	6,862	327,532	12,247	1,234	.....	43,765	537,142	202,608
12	142,296	140,736	7,100	2,220	31,716	1,756	96,716	384	718	.....	9,126	167,657	69,185
13	2,022,111	1,177,335	40,796	41,904	297,833	10,762	663,131	6,823	4,759	.....	111,827	1,281,712	607,819
14	93,803	111,023	12,200	1,800	36,571	1,471	52,887	1,188	715	.....	4,731	134,846	80,488
15	5,681,070	4,475,005	166,732	149,257	1,284,467	168,207	2,193,832	21,255	27,328	4,850	469,077	5,033,077	2,631,038
16	1,638,433	2,810,909	65,542	130,310	468,576	5,413	1,834,712	38,062	10,764	95,025	162,505	3,109,872	1,269,747
17	1,537,905	1,187,017	55,120	38,083	287,530	19,162	675,509	9,012	5,451	500	95,644	1,280,499	594,828
18	460,366	744,199	22,406	26,297	141,247	5,396	496,651	12,714	1,882	.....	37,516	796,650	294,903
19	10,719,719	3,812,290	136,740	208,511	499,931	78,772	861,313	.....	644,314	.....	1,382,709	4,909,860	3,969,775
20	1,636,508	1,557,838	59,320	23,170	351,891	8,070	1,026,241	1,920	10,700	.....	76,520	1,678,835	644,524
21	458,571	534,614	14,700	14,904	178,160	16,035	271,010	4,390	1,983	6,265	27,177	619,499	332,454
22	264,937	392,612	11,896	10,722	58,905	3,050	247,983	2,750	1,146	.....	56,160	416,804	165,771
23	498,009	569,374	24,407	41,811	23,896	4,210	367,056	6,631	2,401	200	98,672	607,154	235,888
24	350,221	560,893	42,120	27,093	45,267	3,206	208,327	9,960	7,424	2,405	215,082	727,744	516,211
25	5,517,883	5,110,032	273,267	600,037	1,347,403	56,803	1,465,326	91,186	21,897	240,242	1,013,871	5,820,679	4,298,550
26	887,087	1,142,271	32,544	83,412	312,255	2,298	466,116	13,740	110,343	.....	121,563	1,335,788	867,374
27	17,414,006	14,078,992	434,804	507,799	2,300,420	472,879	9,531,459	144,571	130,666	10,610	1,055,694	16,604,552	6,600,214

looking-glass and picture frames, 4; malt, 1; mats and matting, 1; millinery and lace goods, 7; mineral and soda waters, 4; models and patterns, not including paper patterns, 5; mucklage and paste, 1; musical instruments, pianos and organs and materials, 1; oil, linseed, 1; oil, not elsewhere specified, 1; oilcloth and linoleum, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 2; photo-engraving, 4; roofing materials, 1; rubber goods, not elsewhere specified, 1; shipbuilding, including boat building, 2; show cases, 1; signs and advertising novelties, 5; slaughtering and meat packing, 9; soap, 3; stationery goods, not elsewhere specified, 1; statuary and art goods, 3; steam packing, 1; stereotyping and electrotyping, 3; stoves and furnaces, including gas and oil stoves, 4; surgical appliances and artificial limbs, 4; toys and games, 1; type founding and printing materials, 3; vinegar and cider, 3; washing machines and clothes wringers, 2; windmills, 1; wirework, including wire rope and cable, 6; wood, turned and carved, 2.

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

1	\$2,216,561	\$3,372,193	\$83,256	\$79,084	\$346,343	\$108,078	\$2,610,264	\$5,793	\$24,484	\$1,151	\$104,110	\$3,722,736	\$994,794
2	1,600,733	1,614,571	57,949	39,994	354,585	53,889	1,288,578	3,926	25,068	1,691	87,991	2,299,063	956,596
3	3,277,051	2,022,983	81,200	141,045	358,080	31,079	1,616,975	5,559	24,611	173,774	189,700	2,685,723	1,037,669
4	7,878,366	9,422,200	225,475	187,849	1,024,225	216,599	7,114,299	20,873	84,499	1,422	543,014	11,109,622	3,899,724
5	765,247	410,640	31,405	13,636	131,306	16,069	146,319	1,398	28,124	.....	42,393	518,990	366,608

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 Minnesota 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 MINNESOTA.

Summary.—Statistics for all mining enterprises in the state of Minnesota 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.

With a total value of products amounting to \$58,664,852, Minnesota ranked sixth among the states in importance in mining in 1909. The mining of iron ore was the principal industry, with a value of products amounting to \$57,076,135. This figure represents 97.3 per cent of the total value of products reported for the mines and quarries of the state and 53.4 per cent of the total value of products for the industry in the United States (\$106,947,082). The two industries next in importance were granite and limestone quarrying, for which products valued at \$672,904 and \$641,344, respectively, were reported. The only other producing mining industries in the state were sandstone and traprock quarrying. In the combined statistics for these industries, which can not be shown separately without revealing individual operations of the one traprock producer, the expenses of operation and development exceeded the value of the products. This was due in part to unprofitable mining ventures and in part to expenditures for development work resulting in permanent improvements to the mining properties.

Character of organization.—Table 1 classifies the producing mining operations of the state under form of organization, distinguishing corporations from individual owners and firms, while Table 2 gives further details for incorporated enterprises distinguished from those which are unincorporated. Out of a total of 153 operators in all industries combined, 39 were corporations. These corporations reported 98.7 per cent of the total value of products and employed 95.3 per cent of all wage earners. In the production of iron ore all enterprises reported were conducted by corporations.

Table 1

INDUSTRY AND CHARACTER OF ORGANIZATION.	PRODUCING ENTERPRISES: 1909					
	Number of operators.	Number of wage earners.	Value of products.		Per cent distribution.	
			Total.	Per operator.	Operators.	Wage earners.	Value of products.
All industries..	153	18,114	\$58,664,852	\$383,430	100.0	100.0
Individual ¹	77	303	249,153	3,230	50.3	0.4
Firm.....	37	481	516,660	13,037	24.2	0.0
Corporation.....	39	17,270	57,000,033	1,484,610	25.5	98.7

¹ Includes 1 estate.

Table 2

	Incorporated.	Unincorporated.
Number of operators.....	39	114
Number of mines and quarries.....	122	128
Proprietors and firm members, total.....		169
Number performing manual labor.....		99
Salaried employees:		
Officers of corporations.....	62	
Superintendents and managers.....	308	8
Clerks and other salaried employees.....	928	7
Wage earners, Dec. 15, 1909, or nearest representative day.....	17,270	844
Capital.....	\$176,404,123	\$546,246
Expenses of operation and development.....	38,057,140	517,031
Salaries—		
Officers of corporations.....	200,740	
Superintendents and managers.....	484,407	9,040
Clerks and other salaried employees.....	809,003	5,400
Wages.....	11,617,404	390,585
Royalties and rent of mines.....	10,717,887	14,072
Taxes.....	2,829,003	3,108
Supplies and miscellaneous expenses.....	11,446,535	95,736
Value of products.....	57,000,033	704,819

Size of enterprises.—Table 3 classifies the producing enterprises according to the number of wage earners employed per enterprise or operating unit. For all industries, exclusive of those operated by contract work, the average number of wage earners per enterprise was 102, while for the enterprises engaged in the production of iron ore the average number employed was 360.

Table 3

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	PRODUCING ENTERPRISES: 1909			
	Enterprises.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
All industries.....	176	100.0	18,114	100.0
No wage earners.....	12	6.7		
Contract work.....	1	0.6		
1 to 5.....	58	32.4	133	0.7
6 to 20.....	41	23.0	408	2.3
21 to 50.....	18	10.1	613	3.4
51 to 100.....	17	9.5	1,173	6.5
Over 100.....	32	17.9	15,787	87.2
Iron.....	40	100.0	16,218	100.0
Contract work.....	1	2.2		
6 to 50.....	4	8.7	80	0.5
51 to 100.....	11	27.0	779	4.8
Over 100.....	30	65.2	15,359	94.7

Prevailing hours of labor.—In Table 4 all producing mines and quarries, except those employing no wage earners or operated exclusively by contract work, 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

STATISTICS OF MINES AND QUARRIES.

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specified number of hours per day, since, in some cases, a part of the employees worked a greater or less number of hours than those generally prevailing in the enterprise. For all industries combined, 94.5 per cent of the enterprises weighted according to the number of wage earners were operated on a 10-hour per day basis.

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.	
All industries.....	187	100.0	100.0
8 hours and under.....	38	22.8	4.6
9 hours.....	13	7.8	0.9
10 hours.....	116	69.5	94.5
Iron.....	46	100.0	100.0
8 hours.....	2	4.3	1.9
10 hours.....	44	95.7	98.1

Engines and power.—As shown by Table 5, the aggregate horsepower employed by the producing enterprises was 151,834.

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909				
	Total.	Iron.	Granite.	Limestone.	All other.
Primary power:					
Aggregate horsepower....	151,834	145,068	1,937	1,990	2,839
Owned.....	150,296	145,068	1,719	1,700	1,809
Steam engines—					
Number.....	1,535	1,412	51	48	24
Horsepower.....	180,128	145,010	1,621	1,693	1,804
Gas or gasoline engines—					
Number.....	15	5	7	2	1
Horsepower.....	168	58	98	7	5
Electric motors operated by purchased current—					
Number.....	19		7	8	4
Horsepower.....	1,538		218	290	1,030
Electric motors run by current generated by enterprise using:					
Number.....	132	121	3		8
Horsepower.....	4,733	4,838	90		305

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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.

In 1902, as in 1909, iron mining was the leading mining industry of the state and the percentages of increase shown in the table represent approximately the growth of this industry. The increase in the value of products of this industry during the period covered by the table amounted to \$33,086,908, or 137.9 per cent.

	PRODUCING ENTERPRISES.		
	1909	1902	Per cent of increase.
Wages and salaries.....	\$13,592,568	\$6,887,017	97.4
Supplies and materials.....	\$8,904,544	\$2,839,332	213.6
Royalties and rent of mines.....	\$10,732,309	\$3,678,964	191.7
Contract work.....	\$2,157,108	\$330,244	535.9
Value of products.....	\$58,975,781	\$25,620,677	130.2
Primary horsepower.....	152,153	28,492	434.0

Duplication between manufactures and mining.—In the operation of granite, limestone, and sandstone quarries, 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 Minnesota involves a duplication of \$852,077. Of this amount, \$494,622 represented the value of the granite, \$184,399 the value of the limestone, and \$173,056 the value of the sandstone.

DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 7	Aggregate.	PRODUCING MINES AND QUARRIES.					Nonproducing mines and quarries. ¹
		Total.	Iron.	Granite.	Limestone.	All other. ¹	
Number of operators.....	163	153	20	35	90	8	9
Number of mines and quarries.....	280	250	101	46	95	8	10
Capital.....	\$170,252,951	\$170,050,809	\$174,803,024	\$673,050	\$683,306	\$730,389	\$2,302,582
Expenses of operation and development.....	\$39,209,773	\$38,574,180	\$37,295,373	\$467,853	\$524,855	\$286,099	\$635,593
Services—							
Salaried officers of corporations, superintendents, and managers.....	\$705,515	\$694,277	\$490,187	\$10,275	\$30,000	\$31,015	\$11,293
Clerks and other salaried employees.....	\$897,185	\$874,463	\$602,087	\$2,950	\$12,620	\$6,500	\$12,722
Wage earners.....	\$12,100,593	\$11,907,049	\$11,008,052	\$327,024	\$330,563	\$171,810	\$253,514
Miscellaneous—							
Supplies.....	\$993,500	\$973,806	\$997,440	\$66,155	\$57,266	\$15,945	\$156,694
Fuel and rent of power.....	\$2,091,700	\$2,024,000	\$1,951,421	\$30,343	\$17,325	\$25,517	\$67,100
Royalties and rent of mines.....	\$10,765,709	\$10,731,050	\$10,086,407	\$2,854	\$30,320	\$6,378	\$33,750
Taxes.....	\$2,851,143	\$2,824,161	\$2,053,794	\$2,000	\$6,022	\$4,907	\$26,982
Contract work.....	\$2,102,008	\$2,157,108	\$2,157,075	\$33	.....	.....	\$34,900
Rent of offices and other sundry expenses.....	\$602,444	\$623,751	\$1,088,310	\$20,213	\$17,030	\$23,097	\$38,693
Value of products.....	\$58,664,852	\$58,664,852	\$57,076,135	\$672,904	\$641,344	\$274,469	.....
Persons engaged in industry.....	20,102	19,596	17,238	627	1,019	512	568
Proprietors and officials.....	562	547	317	75	120	22	15
Proprietors and firm members.....	171	169	.....	61	102	0	2
Number performing manual labor.....	99	99	.....	32	67	.....	.....
Salaried officers of corporations.....	65	62	31	6	6	6	3
Superintendents and managers.....	328	310	286	8	12	10	10
Clerks and other salaried employees.....	965	935	703	7	14	24	20
Wage earners, Dec. 15, 1909, or nearest representative day.....	18,645	18,114	16,218	545	885	460	581
Above ground.....	11,550	11,176	9,280	545	885	460	581
Below ground.....	7,095	6,938	6,938	.....	.....	.....	333
Men 16 years of age and over.....	18,641	18,110	16,214	545	885	460	581
Engineers, firemen, mechanics, etc.....	2,030	2,797	2,000	40	43	45	142
Below ground.....	2,884	2,747	2,010	49	43	45	137
Miners, miners' helpers, quarrymen, and stone-cutters.....	7,308	7,120	5,925	415	666	414	188
Above ground.....	1,846	1,784	289	415	666	414	62
Below ground.....	5,462	5,336	5,336	.....	.....	.....	126
All other employees.....	8,394	8,193	7,929	81	176	7	201
Above ground.....	6,825	6,641	6,377	81	176	7	184
Below ground.....	1,569	1,552	1,552	.....	.....	.....	17
Boys under 16 years of age (all above ground).....	4	4	4	.....	.....	.....	.....
Number of wage earners employed on the 15th day of each month:							
January.....	13,730	13,550	12,070	484	237	150	188
February.....	14,102	13,987	13,040	490	288	157	205
March.....	14,500	14,280	13,065	571	400	238	230
April.....	14,058	14,733	13,109	925	604	335	225
May.....	17,241	17,020	15,190	953	698	470	221
June.....	17,778	17,532	15,529	981	820	502	246
July.....	18,210	17,956	15,947	901	840	490	263
August.....	18,334	18,034	16,084	920	834	437	300
September.....	18,507	18,221	16,324	570	867	460	346
October.....	18,062	18,695	16,740	571	833	451	357
November.....	18,001	18,211	16,405	550	808	388	390
December.....	17,444	16,905	15,550	452	505	338	539
Land controlled, acres.....	339,541	337,792	332,233	3,344	1,687	528	1,749
Owned.....	206,647	206,287	201,380	8,021	1,408	472	360
Held under lease.....	132,894	131,605	130,847	323	270	50	1,389
Mineral land.....	20,092	18,433	14,336	2,477	1,133	487	1,629
Owned.....	6,314	6,054	2,510	2,154	858	432	960
Held under lease.....	13,778	12,479	11,826	323	275	55	1,269
Timber land.....	86,011	86,011	86,302	300	0	.....	.....
Other land.....	232,808	232,748	231,595	507	546	41	120
Primary horsepower.....	153,593	151,834	145,068	1,937	1,990	2,839	1,759

¹ Includes operators as follows: Sandstone, 7; traprock, 1.

² Includes operators as follows: Copper, 1; Iron, 8.

³ 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.

⁴ In some cases the same operator conducted two or more enterprises producing different kinds of products, all enterprises being managed through one central administrative office. The total office expenses were accordingly apportioned among the several industries in proportion to the total expenses of each and the estimated amounts of such administrative expenses were added to "Sundry expenses" for each industry. In the totals for all enterprises, however, the expenses appear under the proper headings. The amounts included in "Rent of offices and other sundry expenses" for individual industries, and properly distributed in the total for all industries, are as follows: Salaried officers of corporations, superintendents, and managers, \$110,000; clerks and other salaried employees, \$250,306; and taxes, \$156,472.

⁵ The following numbers of persons, which could not be distributed among the several industries, are included under the proper headings in the totals for all enterprises: Aggregate, 200; salaried officers of corporations, 13; and clerks and other salaried employees, 187.