

SUPPLEMENT FOR IOWA



POPULATION
AGRICULTURE
MANUFACTURES
MINES AND QUARRIES

74491°—13—37

(565)

CHAPTER 1.

NUMBER OF INHABITANTS.

Introduction.—This chapter gives the population of Iowa, 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. 573) shows the population of Iowa, distributed according to counties and minor civil divisions, at the last three Federal censuses, namely, those of 1910, 1900, and 1890. The arrangement of counties and of the primary divisions in each county is alphabetical. The figures for 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 to the fact that some of the minor civil divisions had gone out of existence by 1910, their territory having been annexed to other divisions or taken to form new divisions, or they had undergone such changes in territory that it was impossible to present strictly comparable figures.

Table 2 (p. 593) shows the cities and incorporated towns in Iowa, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of Iowa, 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 appar-

ent. The census usage in regard to certain terms is, however, explained below:

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

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

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

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

HISTORICAL NOTE.—Iowa takes its name from a tribe of Indians which formerly occupied the region now constituting the state. The meaning of the word is variously given as "this is the place," "the drowsy or sleepy ones," "the tribe beyond the river," and "beautiful region."

The eastern border of Iowa was visited by the French missionaries Marquette and Joliet in 1673. White settlers, however, did not come to the region for more than a century, and a century and a half elapsed before any permanent settlements were made.

In 1788 Julien Dubuque made a settlement on the site of the present city of Dubuque. At his death in 1810 this was abandoned and no permanent settlements were made within the present limits of the state until after 1830. Dubuque was permanently settled in 1833, and about the same time settlements were made at Burlington and Fort Madison.

Iowa originally formed a part of the vast Louisiana region claimed by the French on account of the discoveries of Marquette, Joliet, La Salle, and others. It was ceded to France by Spain in 1762, retroceded to France in 1800, and purchased by

the United States in 1803. In 1804 the region was divided by the thirty-third parallel, the present northern boundary of Louisiana, into the territory of Orleans on the south and the district of Louisiana on the north, and the northern district was attached to the territory of Indiana. In the following year the district of Louisiana became the territory of Louisiana. In 1812 the state of Louisiana, formed in part from the territory of Orleans, was admitted to the Union, and the territory of Louisiana became the territory of Missouri.

In 1834 the area now comprising the state of Iowa was added to the territory of Michigan. In 1836 it became a part of the territory of Wisconsin, organized in that year, and in 1838, a part of the area organized as the territory of Iowa. In 1845 Congress passed an act to enable Iowa to become a state. The northern and western boundaries were to be established about 45 miles north and about 60 miles east, respectively, of their present location. These boundaries were rejected by popular vote later in the same year. In 1846 a state constitution, providing for boundaries as they now exist, was adopted, and in December of the same year Iowa became one of the states of the Union.

TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

Population of the state.—The population of Iowa is 2,224,771. Compared with a population of 2,231,853 in 1900, this represents a decrease during the last decade of 7,082, or three-tenths of 1 per cent. During the same period the total population of the United States increased 21 per cent. During the preceding decade, 1890-1900, the population of the state in-

creased 319,556, or 16.7 per cent, a smaller relative increase than that shown at any previous Federal census.

The following table shows the population of Iowa at each Federal census from 1840 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE ¹ OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910	2,224,771	-7,082	-0.3	21.0
1900	2,231,853	319,556	16.7	20.7
1890	² 1,912,297	287,682	17.7	25.5
1880	1,624,615	430,595	36.1	30.1
1870	1,194,020	519,107	76.9	22.6
1860	674,913	482,699	251.1	35.6
1850	192,214	149,102	345.8	35.9
1840	43,112	.....	.....	.....

¹ A minus sign (-) denotes decrease.

² Includes population (401) of Indian reservation specially enumerated.

Iowa was organized as a territory in 1838 and appears in the Federal census reports for the first time in 1840. During the 20 years from 1840 to 1860 the population of Iowa increased very rapidly, multiplying more than fifteenfold. During the 40 years between 1860 and 1900 it grew less rapidly, multiplying less than fourfold. This growth was not regular, the rates of increase rapidly diminishing from 76.9 per cent for the decade 1860-1870 to 16.7 per cent for the decade 1890-1900. The decade 1900-1910, as already noticed, showed a decrease of three-tenths of 1 per cent.

During the 30 years from 1840 to 1870 the population of the state increased much more rapidly than did that of the United States. During the decade 1870-1880 the rate of increase for the state fell off more than half, and as a result exceeded the rate of increase for the United States by only 6 per cent. In 1880 the population of the state was more than 37 times as great as it was in 1840, while that of the United States was less than three times as great. During each decade since 1880 the population of the United States has increased faster than the population of the state. The rate of increase for the country as a whole for this 30-year period was 83.4 per cent, while the rate of increase for the state was 36.9 per cent.

Principal cities.—Iowa has 108 cities, of which the largest, Des Moines, has a population of 86,368, and the next largest, Sioux City, a population of 47,828. Besides Sioux City there are six cities in the state having from 25,000 to 50,000 inhabitants. Nine cities have from 10,000 to 25,000, 9 from 5,000 to 10,000, 42 from 2,500 to 5,000, and 40 less than 2,500 inhabitants. The aggregate population of the 108 cities is 748,158, or 33.6 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 25,000 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 cities included in this table, Waterloo shows the highest percentage of increase during the last decade, namely, 112.2 per cent, and Dubuque, the lowest, 6.1 per cent. Three cities, Des Moines, Sioux City, and Waterloo, show a higher rate of increase during the last decade, 1900-1910, than during the preceding decade, 1890-1900.

Counties.—Iowa has 99 counties. The population of these counties ranges from 8,137 in Dickinson County to 110,438 in Polk County.

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

Twenty-eight counties have increased in population during the last decade, the percentages of increase ranging from two-tenths of 1 per cent in Jasper County to 41.4 per cent in Monroe County, and the absolute increases from 58 in Jasper County to 27,814 in Polk County. Seventy-one counties have decreased in population during the last decade, the percentages of decrease ranging from eight-tenths of 1 per cent in Page County to 19.1 per cent in Adams County, and the absolute decreases from 120 in Emmet County to 4,413 in Mahaska County. From 1890 to 1900 every county in the state but one increased in population, the percentages of increase ranging from 1.8 per cent in Shelby County to 132.5 per cent in Emmet County. Woodbury County, the one exception, showed a decrease of 1,022, or 1.8 per cent. During the last decade this

CITY AND CENSUS YEAR.	Population.	INCREASE ¹ OVER PRE- CEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE ¹ OVER PRE- CEDING CENSUS.	
		Number.	Per cent.			Number.	Per cent.
Cedar Rapids:				Des Moines:			
1910.....	32,811	7,155	27.9	1910.....	86,368	24,229	39.0
1900.....	25,656	7,686	42.4	1900.....	62,139	12,046	24.0
1890.....	18,020	7,916	78.3	1890.....	50,093	27,685	123.5
1880.....	10,104	4,164	70.1	1880.....	22,408	10,373	86.2
1870.....	5,940	4,110	224.6	1870.....	12,035	8,070	203.5
1860.....	1,830			1860.....	3,965		
Clinton:				Dubuque:			
1910.....	25,577	2,879	12.7	1910.....	38,494	2,197	6.1
1900.....	22,698	9,079	66.7	1900.....	36,297	5,986	19.7
1890.....	13,619	4,567	50.5	1890.....	30,311	8,057	36.2
1880.....	9,052	2,923	47.7	1880.....	22,254	3,820	20.7
1870.....	6,129			1870.....	18,434	5,434	41.8
				1860.....	13,000	9,892	318.3
				1850.....	3,108		
Council Bluffs:				Sioux City:			
1910.....	20,282	3,490	13.5	1910.....	47,828	14,717	44.4
1900.....	25,802	4,328	20.2	1900.....	33,111	-4,695	-12.4
1890.....	21,474	3,411	18.9	1890.....	37,806	30,440	413.3
1880.....	18,063	8,043	80.3	1880.....	7,366	3,965	116.6
1870.....	10,020	8,009	398.3	1870.....	3,401		
1860.....	2,011			Waterloo:			
				1910.....	26,693	14,113	112.2
Davenport:				1900.....	12,580	5,906	88.5
1910.....	43,028	7,774	22.1	1890.....	6,674	1,044	18.5
1900.....	35,254	8,382	31.2	1880.....	5,630	1,293	29.8
1890.....	26,872	5,041	23.1	1870.....	4,337		
1880.....	21,831	1,793	8.9				
1870.....	20,038	8,771	77.8				
1860.....	11,267	9,419	509.7				
1850.....	1,848						

¹ A minus sign (-) denotes decrease.

county increased in population 13,006, or 23.8 per cent. The aggregate increase of population from 1900 to 1910 in the 28 counties that show an increase is 100,549; the aggregate decrease of population in the 71 counties that show a decrease is 107,631. The difference, 7,082, is, of course, the total decrease of population in the state.

The maps on page 571 show the increase or decrease in the total and the rural population, respectively, of each county of Iowa during the last decade. In the counties shown in white the population decreased; for the other counties the different rates of increase are indicated by differences in shading.

Density of population.—The total land area of the state is 55,586 square miles. The average number of persons to the square mile is 40; in 1900 and 1890 it was 40.2 and 34.4, 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 572, both for the entire population and for that living in rural territory, excluding in the latter case the population of places of 2,500 or more, but not excluding the land area of such places.

Kossuth County, with 973 square miles, has the largest area, and Dickinson County, with 376 square miles, has the smallest area. Polk County, containing the city of Des Moines, has the highest density of any county, namely, 189.8 persons per square mile, while Dickinson County, with 21.6 persons per square mile, has the lowest density.

Minor civil divisions.—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." The counties of Iowa are divided into 1,664 primary divisions, comprising 1,663

townships and 1 city. There are also 836 secondary divisions, comprising 108 cities and 728 towns. Secondary divisions usually form parts of the townships in which they are located. Thirty-seven cities and 15 towns, however, are coextensive with the townships in which they are located, while one city, Des Moines, comprises two townships. Besides these minor civil divisions there is one Indian reservation in the state, returned under the county in which it is located.

Urban and rural population compared.—The first table on page 570 presents the population of Iowa at the censuses of 1910, 1900, and 1890, respectively, distributed among cities and towns grouped according to specified limits of population, together with the percentage of the total population contained in each group at each of the censuses named. The classification is based upon the population of each place as it existed at each census.

As shown by this table, the urban territory of the state in 1910—that is, the cities and incorporated towns of 2,500 inhabitants or more—contained 680,054 inhabitants, or 30.6 per cent of the total population, while 1,544,717 inhabitants, or 69.4 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, cities and incorporated towns then having 2,500 inhabitants or more—contained 572,386 inhabitants, or 25.6 per cent of the total population, while 1,659,467 inhabitants, or 74.4 per cent, lived in rural territory. There has thus been a considerable increase in the proportion of urban population. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

This table also shows an increase since 1890 in the proportion of the population in the combined groups com-

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.....		2,224,771		2,231,853		1,912,297	100.0	100.0	100.0
Urban territory.....	69	680,054	70*	572,386	46	405,764	30.6	25.6	21.2
Cities and towns of:									
50,000 inhabitants or more.....	1	86,308	1	62,139	1	50,093	3.9	2.8	2.6
25,000 to 50,000 inhabitants.....	7	243,723	5	150,120	3	94,989	11.0	7.0	5.0
10,000 to 25,000 inhabitants.....	9	137,107	8	129,090	7	115,234	6.2	5.8	5.0
5,000 to 10,000 inhabitants.....	9	69,402	10	70,018	8	59,582	2.7	3.2	3.0
2,500 to 5,000 inhabitants.....	43	153,454	46	154,413	27	88,866	6.9	6.0	4.6
Rural territory.....		1,544,717		1,659,467		1,506,533	69.4	74.4	78.8
Cities and towns of less than 2,500 inhabitants.....	768	438,716	614	400,762	416	296,498	19.7	18.0	15.5
Other rural territory.....		1,106,003		1,258,705		1,210,035	49.7	56.4	63.3

* Includes population (401) of Indian reservation specially enumerated.

prising cities of over 25,000 inhabitants—namely, from 7.6 per cent in 1890 to 9.8 per cent in 1900 and 14.8 per cent in 1910.

The 768 cities and towns of less than 2,500 inhabitants each have an aggregate population of 438,716, or 19.7 per cent of the total population of the state. These places comprise 114 cities and towns of 1,000 to 2,500 inhabitants each, with a combined population of 172,460; 212 cities and towns of 500 to 1,000 inhabitants each, with a combined population of 145,742; and 442 cities and towns of less than 500 inhabitants each, with a combined population of 120,513.

The above table further shows that in all incorporated places, including those of less than 2,500 inhabitants, there was in 1910 a population of 1,118,769, or 50.3 per cent of the population of the state. The population of all incorporated places, as they existed in 1900, was 973,178, or 43.6 per cent of the population of the state.

Table I of Chapter 2 shows that 53 counties had a larger proportion and 4 counties a smaller proportion of urban population in 1910 than in 1900. Three counties which were wholly rural in 1900 were partly urban in 1910 and 7 counties which were partly urban in 1900 were wholly rural in 1910, while 32 counties were wholly rural at both censuses. In 12 counties more than 50 per cent of the population was urban in 1910.

In order to compare the *rate of growth* in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and in 1900 of the same places is then compared. Thus, as shown in the table in the next column, the total population in 1910 of those cities and towns which at that time had 2,500 inhabitants or more was 680,054; in 1900 the total population of those same places (so far as separately reported) was 567,267. It may be noted that the latter figure is less than the total population in 1900 of those cities and towns which at that time had over 2,500 inhabitants each, 572,386 (see above

table), by 5,119. The difference is the net result of the passage since 1900 of certain communities from the rural to the urban class, and vice versa, and of annexations of territory during the same period.

A comparison of the total population in 1910 of cities and incorporated towns having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the table below, shows an increase of 19.9 per cent. This represents the rate of growth of urban communities as thus defined. On the other hand, in the population living in rural territory there has been a decrease during the decade of 7.2 per cent. 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 19 counties in Iowa in which urban population decreased and 90 counties in which rural population decreased.

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

CLASS OF PLACES.	POPULATION.		INCREASE: ¹ 1900-1910	
	1910	1900	Number.	Per cent
The state.....	2,224,771	2,231,853	-7,082	-0.3
Urban territory in 1910.....	680,054	567,267	112,787	19.9
Cities and towns of—				
25,000 or more in 1910.....	330,091	253,537	76,554	30.2
2,500 to 25,000 in 1910.....	349,963	313,730	36,233	11.5
Remainder of the state.....	1,544,717	1,664,586	-119,869	-7.2

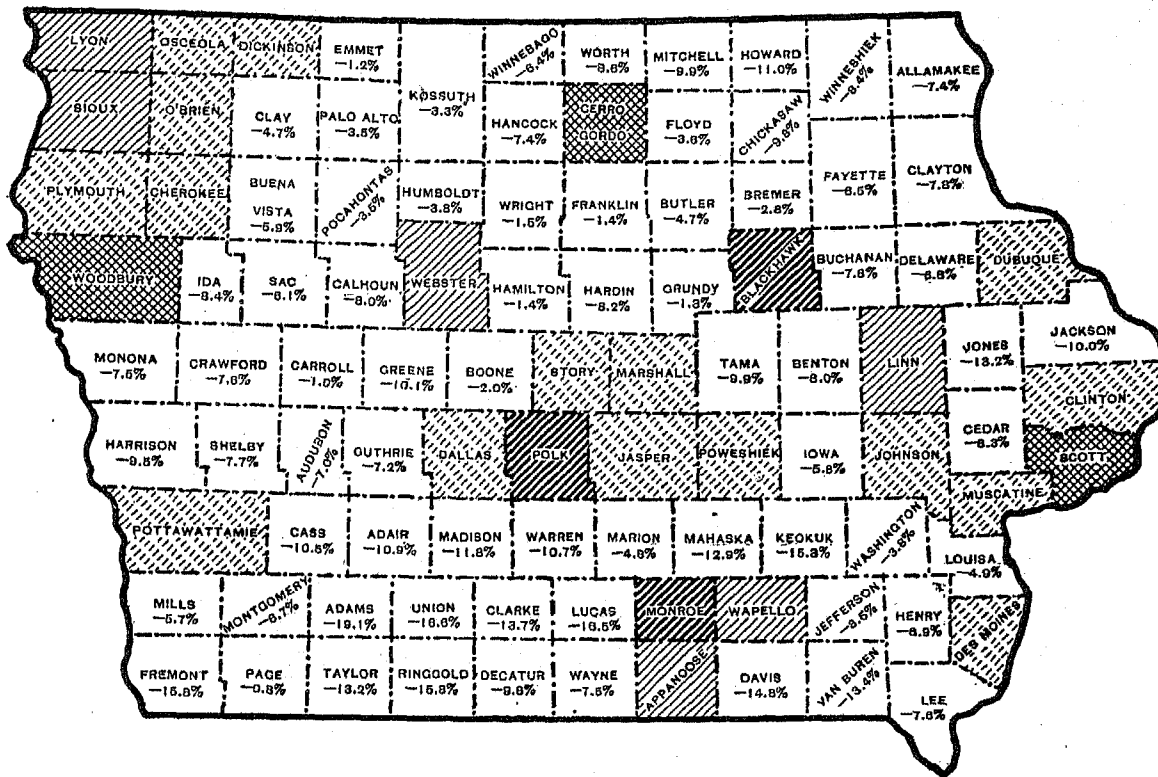
¹ A minus sign (—) denotes decrease.

This table shows that the decrease in the total population during the last decade was due to the loss of population in the territory of the state classified as rural. From 1900 to 1910 the population living in rural territory decreased 119,869, or 7.2 per cent. On the other hand, the population in the territory classified as urban increased 112,787, or 19.9 per cent, during the same period. The difference between these figures, 7,082, represents the actual decrease in the population of the state.

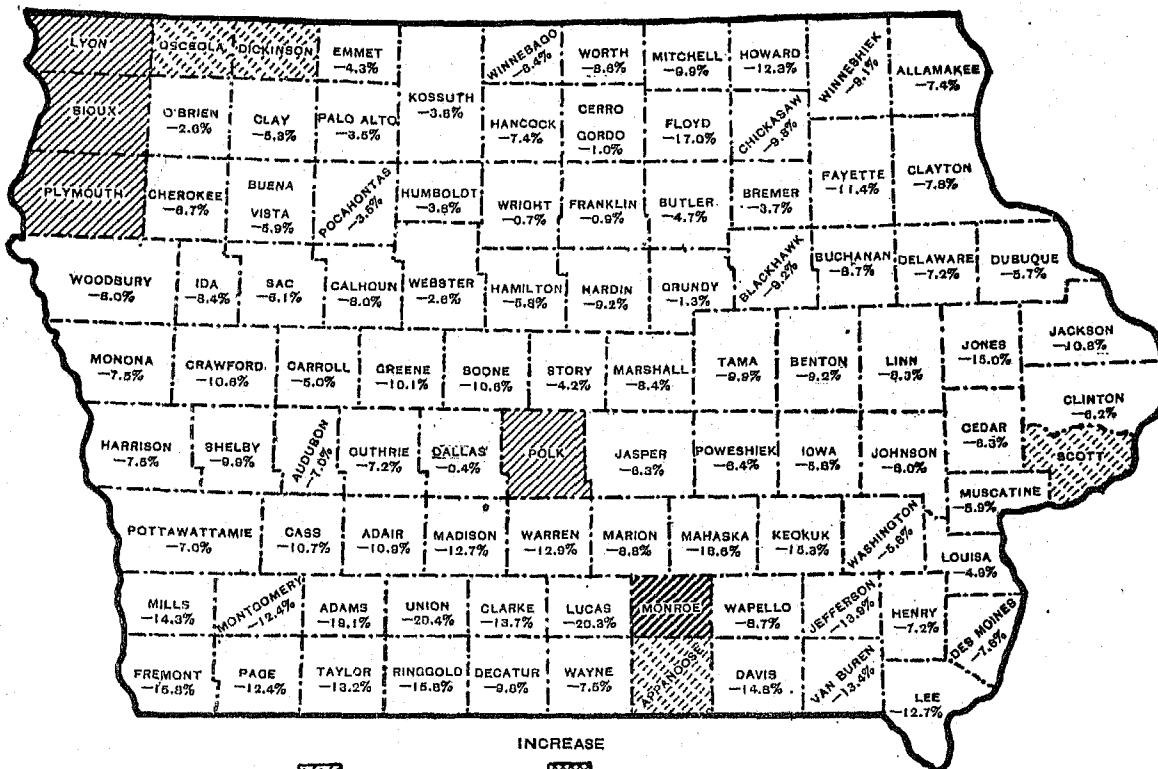
PER CENT OF INCREASE OR DECREASE OF POPULATION OF IOWA, BY COUNTIES: 1900-1910.

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

TOTAL POPULATION.



RURAL POPULATION.



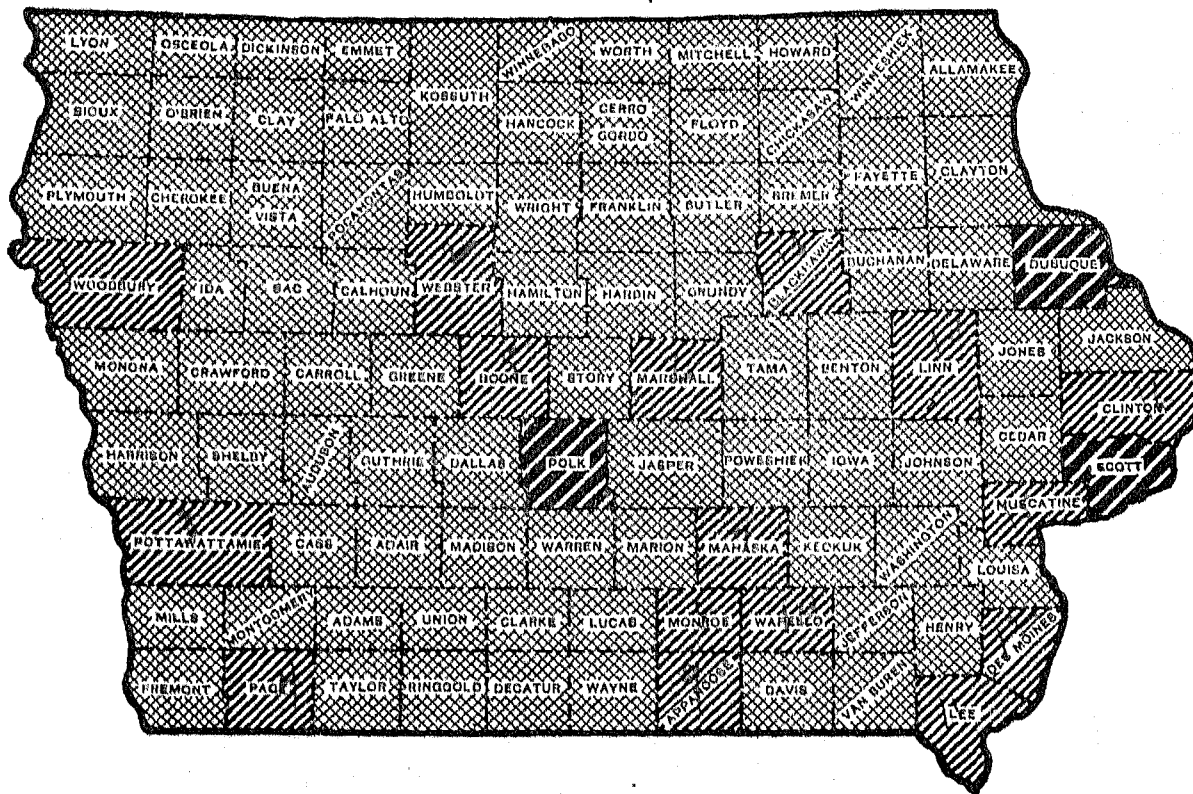
INCREASE



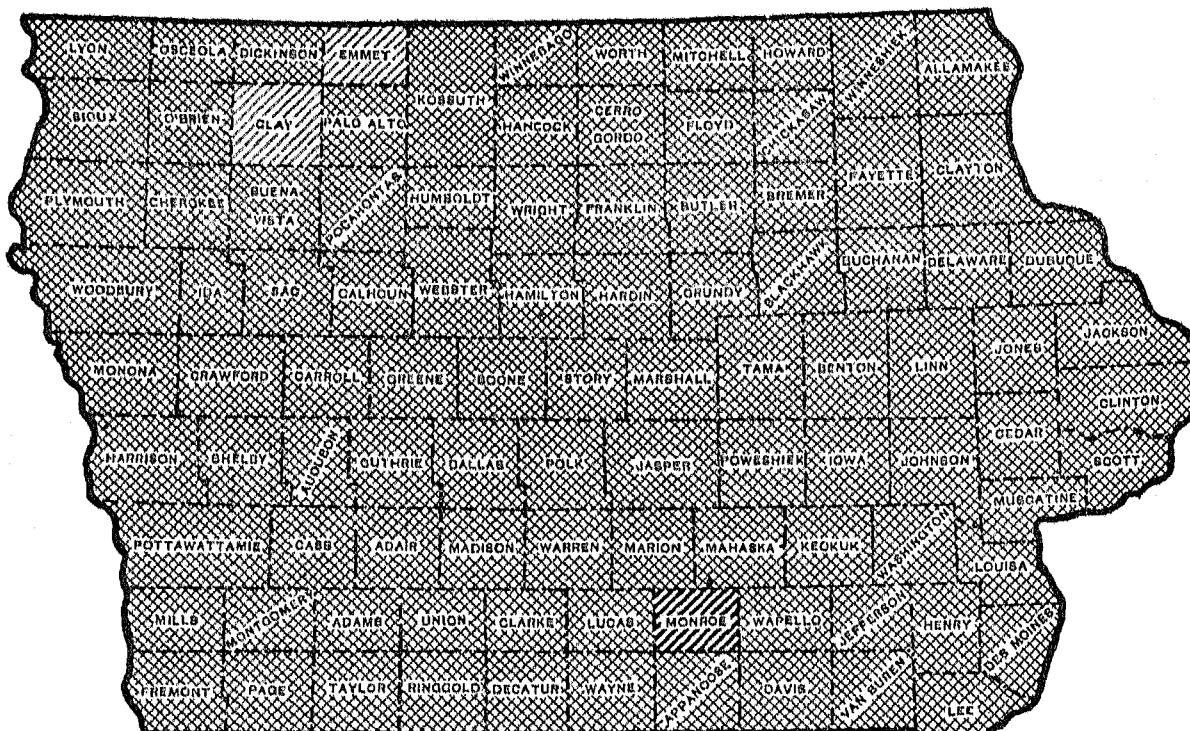
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

DENSITY OF POPULATION OF IOWA, BY COUNTIES: 1910.

TOTAL POPULATION.



RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE



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

STATISTICS OF POPULATION.

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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
Adair County	14,420	16,192	14,534	Allamakee County—Continued.			
Adair township coextensive with Adair town.....	900	879	.....	Union City township.....	613	606	634
Adair town.....	900	879	722	Union Prairie township.....	775	852	817
Bridgewater township, including Bridgewater town.....	395	380	.....	Waterloo township.....	751	748	693
Bridgewater town ¹	366	.....	.....	Appanoose County	28,701	25,927	18,961
Eureka township.....	630	711	676	Bellair township, including parts of Mystic and Numa towns.....	2,275	1,632	1,293
Grand River township.....	540	711	609	Mystic town ² (part of).....	122	.....	.....
Greenfield township, including Greenfield town.....	1,466	1,431	1,143	Total for Mystic town ² in Bellair and Walnut townships.....	2,605	1,768	875
Greenfield town.....	1,379	1,300	1,048	Numa town ³ (part of).....	520	.....	.....
Grove township.....	645	760	750	Total for Numa town ³ in Bellair and Lincoln townships.....	659	.....	.....
Harrison township.....	655	898	808	Caldwell township, including Exline town.....	1,801	1,343	1,289
Jackson township.....	617	755	872	Exline town ⁴	600	.....	.....
Jefferson township.....	741	803	758	Center township, coextensive with Centerville city.....	6,930	5,256	.....
Lee township.....	432	557	520	Centerville city.....	6,930	6,266	5,608
Lincoln township.....	713	810	772	Ward 1.....	2,416	.....	.....
Orient township, including Orient town.....	957	1,029	801	Ward 2.....	1,717	.....	.....
Orient town.....	373	569	180	Ward 3.....	2,695	.....	.....
Prussia township.....	653	840	748	Chariton township.....	455	511	594
Richland township.....	624	734	711	Douglas township.....	570	630	463
Stuart township, comprising ward 3 of Stuart city.....	553	618	633	Franklin township.....	552	671	671
Stuart city (part of).....	553	618	385	Independence township.....	640	677	696
Total for Stuart city comprising Stuart township, Adair County, and part of Stuart township, Guthrie County.....	1,883	2,079	2,052	Johns township.....	1,044	986	887
Ward 1.....	698	.....	.....	Lincoln township, including part of Numa town.....	944	834	470
Ward 2.....	575	.....	.....	Numa town (part of).....	180	.....	.....
Ward 3.....	553	.....	.....	Pleasant township, including Cincinnati town.....	2,481	2,240	1,348
Summerset township, including Pontanelle town.....	1,342	1,507	1,407	Cincinnati town.....	1,355	1,212	432
Pontanelle town.....	789	853	820	Sharon township.....	411	511	407
Summit township.....	621	681	1,327	Taylor township, including Moravia town.....	1,191	1,331	884
Union township.....	531	514	527	Moravia town.....	682	632	811
Walnut township, including part of Casey town.....	792	845	789	Udell township, including Udell town.....	978	952	813
Casey town ⁵ (part of).....	106	.....	.....	Udell town ⁶	156	.....	.....
Total for Casey town ⁵ in Walnut township, Adair County, and Thompson township, Guthrie County.....	785	868	452	Union township.....	537	553	592
Washington township.....	613	773	683	Vermilion township.....	976	1,014	4,517
Adams County	10,998	13,601	12,292	Walnut township, including Rathbun town and part of Mystic town.....	3,974	3,215	1,492
Carl township.....	690	876	837	Mystic town (part of).....	2,541	1,758	875
Colony township.....	704	800	794	Rathbun town.....	382	270	.....
Douglas township, including Carbon town.....	951	1,305	1,230	Washington township, including part of Moulton town.....	1,739	2,113	1,533
Carbon town.....	240	.....	.....	Moulton town (part of).....	1,086	1,213	648
Grant township.....	561	707	788	Total for Moulton town in Washington and Wells townships.....	1,235	1,420	769
Jasper township, including part of ward 1 of Corning city.....	955	1,177	1,001	Wells township, including part of Moulton town.....	1,167	1,358	922
Corning city (part of).....	46	80	48	Moulton town (part of).....	197	207	121
Total for Corning city ⁴ in Jasper and Quincy townships.....	1,708	2,145	1,082	Audubon County	12,671	13,626	12,412
Ward 1.....	614	.....	.....	Audubon township.....	825	953	953
Ward 2.....	562	.....	.....	Cameron township.....	550	708	756
Ward 3.....	530	.....	.....	Douglas township.....	848	848	786
Lincoln township.....	727	890	862	Extra township, including Brayton and Exira towns.....	1,766	2,026	1,739
Mercer township.....	538	668	644	Brayton town.....	137	141	124
Nodaway township, including Nodaway town.....	1,060	1,119	1,032	Exira town.....	787	851	676
Nodaway town.....	323	.....	.....	Greeley township.....	651	766	779
Prescott township, including Prescott town.....	934	1,206	1,017	Hamlin township.....	918	902	806
Prescott town.....	426	448	.....	Leroy township, including Audubon town.....	2,748	2,661	2,108
Quincy township, including Quincy town and wards 2 and 3 and part of ward 1 of Corning city.....	2,463	3,032	2,472	Audubon town.....	1,928	1,866	1,310
Corning city (part of).....	1,657	2,085	1,634	Lincoln township, including Gray town.....	861	1,087	1,011
Quincy town.....	70	106	146	Gray town.....	148	180	.....
Union township.....	529	653	601	Melville township.....	590	618	729
Washington township.....	846	1,108	1,014	Oakfield township.....	996	1,065	1,004
Allamakee County	17,328	18,711	17,907	Sharon township, including Kimballton town.....	1,281	1,233	972
Center township.....	724	816	841	Kimballton town ¹²	271	.....	.....
Fairview township.....	321	484	431	Viola township.....	637	699	709
Franklin township.....	825	1,021	850	Benton County	23,156	25,177	24,178
French Creek township.....	498	614	646	Belle Plaine township, coextensive with Belle Plaine city.....	3,121	3,283	2,623
Hanover township.....	458	475	539	Belle Plaine city:			
Iowa township, including New Albin town.....	961	925	698	Ward 1.....	1,045	.....	.....
New Albin town.....	538	543	411	Ward 2.....	1,512	.....	.....
Jefferson township.....	826	969	951	Ward 3.....	500	.....	.....
Lafayette township.....	747	869	871	Benton township.....	452	552	497
Lansing township, including Lansing city.....	2,208	2,125	2,450	Big Grove township.....	687	743	806
Lansing city.....	1,542	1,453	1,608	Bruce township.....	530	614	741
Ward 1.....	765	.....	.....	Canton township.....	570	630	672
Ward 2.....	416	.....	.....	Cedar township, including Mount Auburn town.....	942	1,048	1,059
Ward 3.....	361	.....	.....	Mount Auburn town ¹³	228	.....	.....
Linton township.....	531	620	598	Eden township.....	615	717	688
Ludlow township.....	777	807	860	Eldorado township.....	833	871	925
Makee township, including Waukon city.....	2,836	3,066	2,501	Florence township, including Norway town.....	1,161	1,342	1,233
Waukon city ⁶	2,085	2,163	1,610	Norway town.....	479	533	401
Ward 1.....	562	.....	.....	Fremont township.....	822	849	897
Ward 2.....	666	.....	.....	Harrison township.....	497	563	577
Ward 3.....	797	.....	.....	Homer township.....	618	695	786
Paint Creek township.....	881	941	1,032	Iowa township, including part of Luzerne town.....	714	843	792
Post township, including Postville town.....	1,665	1,838	1,860	Luzerne town (part of).....	46	58	.....
Postville town.....	852	934	860	Total for Luzerne town in Iowa and Leroy townships.....	160	169	.....
Taylor township, including Harpers Ferry town.....	881	935	785				
Harpers Ferry town ⁷	297	.....	.....		

¹ Incorporated in 1905.
² Returned in 1900 as in Guthrie County only.
³ Incorporated in 1903.
⁴ Incorporated as a city in 1902.

⁵ Incorporated in 1900.
⁶ Incorporated as a city in 1901.
⁷ Incorporated in 1901.

⁸ Returned in 1900 as in Walnut township only.
⁹ Incorporated in 1909.
¹⁰ Incorporated in 1902.

¹¹ Incorporated in 1904.
¹² Incorporated in 1908.
¹³ Incorporated in 1906.

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
Buena Vista County—Continued.				Calhoun County—Continued.			
Elk township.....	570	680	782	Greenfield township, including Knierim town.....	923	1,020	593
Fairfield township, including Albert City town.....	1,003	861	602	Knierim town ¹	220	.....	.....
Albert City town ¹	261	.....	.....	Jackson township.....	555	677	692
Grant township.....	700	717	572	Lake City township, coextensive with Lake City.....	2,043	2,703	.....
Hayes township.....	411	463	669	Lake City.....	2,043	2,703	1,160
Lee township.....	585	620	461	Ward 1.....	505	.....	.....
Lincoln township.....	514	541	279	Ward 2.....	579	.....	.....
Maple Valley township.....	728	770	746	Ward 3.....	384	.....	.....
Newell township, including Newell town.....	1,325	1,475	1,107	Ward 4.....	575	.....	.....
Newell town.....	728	762	540	Lake Creek township.....	555	726	488
Nokomis township, including Alta town.....	1,658	1,655	1,608	Lincoln township, including Manson town.....	1,835	2,119	1,478
Alta town.....	959	861	768	Manson town.....	1,288	1,484	822
Poland township, including Marathon town.....	1,120	1,417	683	Logan township.....	613	687	544
Marathon town.....	532	659	.....	Reading township, including Farnhamville town.....	954	1,014	807
Providence township.....	656	863	648	Farnhamville town.....	332	348	137
Scott township.....	566	577	534	Sherman township, including part of Pomeroy town.....	703	737	692
Sioux Rapids township, coextensive with Sioux Rapids town.....	888	1,005	650	Pomeroy town (part of).....	71	75	.....
Storm Lake township, including Storm Lake city.....	2,596	2,419	1,682	Twin Lakes township, including parts of Jolley and Rockwell City towns.....	1,954	1,769	836
Storm Lake city ²	2,428	2,169	1,682	Jolley town (part of).....	16	15	.....
Ward 1.....	755	.....	.....	Rockwell City town (part of).....	1,227	1,222	516
Ward 2.....	571	.....	.....	Union township, including Lohrville town.....	1,184	1,184	982
Ward 3.....	484	.....	.....	Lohrville town.....	674	597	435
Ward 4.....	638	.....	.....	Williams township.....	589	711	556
Washington township.....	541	552	577				
Butler County.....				Carroll County.....			
	17,119	17,955	15,468		20,117	20,819	18,828
Albion township, including part of Parkersburg town.....	1,433	1,689	1,440	Arcadia township, including Arcadia town.....	1,064	1,205	1,245
Parkersburg town (part of).....	741	899	780	Arcadia town.....	390	405	463
Total for Parkersburg town in Albion and Monroe townships.....	938	1,164	780	Carroll township, comprising wards 2 and 3 and parts of wards 1 and 4 of Carroll city.....	3,520	3,810	3,357
Beaver township, including New Hartford town.....	1,223	1,349	1,074	Carroll city (part of).....	3,520	2,870	2,448
New Hartford town.....	422	570	.....	Total for Carroll city in Carroll and Grant townships.....	3,510	2,882	2,448
Benezette township.....	681	689	580	Ward 1.....	833	.....	.....
Butler township, including part of Clarksville town.....	1,471	1,527	761	Ward 2.....	1,022	.....	.....
Clarksville town (part of).....	794	754	.....	Ward 3.....	905	.....	.....
Total for Clarksville town in Butler and Jackson townships.....	898	849	735	Ward 4.....	736	.....	.....
Coldwater township, including Greene town.....	1,836	1,967	1,608	Eden township, including Templeton town.....	1,034	1,079	1,067
Greene town.....	1,160	1,182	845	Templeton town.....	278	321	260
Dayton township.....	633	641	667	Gildden township, including Gildden and Ralston towns.....	1,704	1,670	1,225
Fremont township.....	757	757	778	Gildden town.....	360	733	522
Jackson township, including parts of Allison and Clarksville towns.....	781	811	704	Ralston town.....	175	.....	.....
Allison town (part of).....	14	14	.....	Grant township, including parts of wards 1 and 4 of Carroll city and part of Lidderdale town.....	605	678	613
Total for Allison town in Jackson and West Point townships.....	495	483	.....	Carroll city (part of).....	22	12	.....
Clarksville town (part of).....	101	95	.....	Lidderdale town (part of).....	29	.....	.....
Jefferson township.....	642	657	642	Total for Lidderdale town in Grant and Sheridan townships.....	114	.....	.....
Madison township.....	755	679	604	Jasper township, including Lanesboro town.....	881	714	650
Monroe township, including Aplington town and part of Parkersburg town.....	1,363	1,388	1,088	Lanesboro town.....	228	905	821
Aplington town.....	448	427	427	Knierim township.....	890	905	821
Parkersburg town (part of).....	197	255	.....	Maple River township.....	758	.....	.....
Pittsford township, including Dumont town and part of Bristow town.....	1,286	1,202	782	Newton township, including Dedham town.....	992	1,163	970
Bristow town (part of).....	54	43	.....	Dedham town.....	255	374	275
Total for Bristow town in Pittsford and West Point townships.....	291	317	257	Pleasant Valley township.....	662	678	748
Dumont town.....	550	433	.....	Richland township.....	569	646	590
Ripley township.....	602	621	493	Roselle township, including Halbur town.....	947	1,019	1,015
Shell Rock township, including Shell Rock town.....	1,461	1,547	1,482	Halbur town.....	147	.....	.....
Shell Rock town.....	741	889	735	Sheridan township, including part of Lidderdale town.....	764	779	747
Washington township.....	759	925	735	Lidderdale town (part of).....	85	.....	.....
West Point township, including parts of Allison and Bristow towns.....	1,439	1,506	1,033	Union township, including Coon Rapids town.....	1,855	1,862	1,701
Allison town (part of).....	481	449	.....	Coon Rapids town.....	1,084	1,017	873
Bristow town (part of).....	237	274	.....	Warren township, including Manning town.....	2,030	1,952	1,828
				Manning town.....	1,454	1,169	1,233
				Washington township.....	676	791	847
				Wheatland township, including Breda town.....	1,166	1,368	1,309
				Breda town.....	374	395	259
Calhoun County.....				Cass County.....			
	17,090	18,569	13,107		19,047	21,274	19,645
Butler township, including parts of Jolley and Pomeroy towns.....	1,514	1,674	1,044	Atlantic township, coextensive with Atlantic city.....	4,560	5,046	4,351
Jolley town (part of).....	234	251	.....	Atlantic city.....	.....	.....	.....
Total for Jolley town in Butler and Twin Lakes townships.....	250	266	.....	Ward 1.....	325	.....	.....
Pomeroy town (part of).....	744	835	481	Ward 2.....	1,134	.....	.....
Total for Pomeroy town in Butler and Sherman townships.....	815	910	481	Ward 3.....	1,330	.....	.....
Calhoun township.....	467	498	1,362	Ward 4.....	1,271	.....	.....
Cedar township, including Somers town.....	936	880	744	Bear Grove township.....	650	747	770
Somers town.....	169	.....	.....	Benton township.....	600	687	759
Center township, including part of Rockwell City town.....	885	755	752	Brighton township, including Marne town.....	351	1,072	1,089
Rockwell City town ¹ (part of).....	201	.....	.....	Marne town.....	266	410	.....
Total for Rockwell City town ¹ in Center and Twin Lakes townships.....	1,528	1,222	516	Cass township, including Lewis town.....	1,190	1,313	1,298
Elm Grove township, including Yetter town.....	670	713	555	Lewis town.....	603	613	679
Yetter town.....	107	.....	.....	Edna township.....	577	755	684
Garfield township.....	705	722	422	Franklin township, including Wiota town.....	913	1,020	1,013
				Wiota town.....	229	213	163
				Grant township, including Anita town.....	1,835	1,937	1,536
				Anita town.....	1,113	993	695
				Grove township.....	679	865	869
				Lincoln township.....	645	706	729

¹ Incorporated in 1900.
² Incorporated as a city in 1902.
³ County total includes population (992) of Bristow and Clarksville towns, returned independently in 1890.
⁴ Exclusive of population of Clarksville town.
⁵ Exclusive of population of Bristow town.

⁶ Incorporated in 1902.
⁷ Returned in 1900 as in Twin Lakes township only.
⁸ Incorporated in 1903.
⁹ Incorporated in 1901.
¹⁰ Maple River township organized from part of Carroll township 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
Cass County—Continued.				Cherokee County			
Massena township, including Massena town.....	1,111	1,154	949	Aiton township.....	16,741	16,570	15,659
<i>Massena town</i>	490	475	279	Amherst township, including part of Marcus town.....	659	720	825
Noble township.....	792	877	866	<i>Marcus town^a (part of)</i>	641	664	685
Pleasant township, including Griswold town.....	1,061	1,661	1,501	<i>Total for Marcus town^b in Amherst and Marcus townships</i>	49		
<i>Griswold town</i>	949	900	752	Cedar township, including Larrabee town.....	896	718	671
Pymosa township.....	653	753	855	<i>Larrabee town</i>	725	800	717
Union township, including Cumberland town.....	1,183	1,302	1,021	<i>Cherokee township, including Cherokee city</i>	168	125	
<i>Cumberland town</i>	552	591		<i>Cherokee city</i>	5,402	4,363	3,935
Victoria township.....	586	740	758	<i>Ward 1</i>	4,884	3,865	3,441
Washington township.....	501	639	597	<i>Ward 2</i>	2,571		
				<i>Ward 3</i>	969		
				<i>Ward 4</i>	1,344		
Cedar County	17,765	19,371	18,253	Diamond township.....	578	713	742
Class township.....	591	685	636	Grand Meadow township.....	541	613	589
Center township, including Tipton city.....	3,281	3,817	3,117	Liberty township.....	644	677	649
<i>Tipton city</i>	2,048	2,513	1,599	Marcus township, including part of Marcus town.....	1,419	1,351	1,337
<i>Ward 1</i>	651			<i>Marcus town (part of)</i>	537	718	671
<i>Ward 2</i>	662			Pilot township.....	1,157	647	695
<i>Ward 3</i>	806			Pitcher township, including Aurelia town.....	1,157	1,210	1,303
Dayton township, including Clarence town.....	1,338	1,353	1,292	<i>Aurelia town</i>	625	681	663
<i>Clarence town</i>	608	675	629	Rock township.....	585	618	582
Fairfield township.....	602	625	614	Sheridan township, including Cleghorn and Meriden towns.....	1,059	1,064	893
Farrington township, including Durant town.....	1,490	1,400	1,398	<i>Cleghorn town^c</i>	186		
<i>Durant town</i>	780	660	605	<i>Meriden town</i>	246	432	241
Fremont township, including Stanwood town and part of Mechanicsville town.....	1,238	1,161	997	Silver township.....	610	725	660
<i>Mechanicsville town (part of)</i>	131	83		Spring township.....	487	544	416
<i>Total for Mechanicsville town in Fremont and Pioneer townships</i>	817	705	612	Tilden township.....	503	588	616
<i>Stanwood town</i>	511	415	308	Willow township, including Quimby and Washta towns.....	1,194	1,273	1,015
Gower township.....	734	900	932	<i>Quimby town^e</i>	268		
Inland township, including Bennett town.....	975	1,065	1,054	<i>Washta town</i>	410		
<i>Bennett town</i>	245	253					
Iowa township.....	656	839	855	Chickasaw County	15,375	17,087	15,019
Linn township.....	312	398	422	Bradford township, including Nashua town.....	1,963	2,240	2,160
Massillon township.....	714	812	882	<i>Nashua town</i>	1,108	1,203	1,240
Pioneer township, including part of Mechanicsville town.....	1,230	1,249	1,260	Chickasaw township, including Bassett and Ionia towns.....	1,364	1,539	1,396
<i>Mechanicsville town (part of)</i>	685	615	612	<i>Bassett town</i>	190	149	
Rod Oak township.....	418	443	448	<i>Ionia town</i>	298	306	
Rochester township.....	497	606	689	Dayton township.....	671	780	789
Springdale township, including West Branch town.....	1,740	1,908	1,676	Deerfield township.....	974	1,063	859
<i>West Branch town</i>	645	647	474	Dresden township.....	731	932	824
Springfield township, including Lowden town.....	1,400	1,426	931	Fredericksburg township, including Fredericksburg town.....	1,210	1,287	1,127
<i>Lowden town</i>	534	544	405	<i>Fredericksburg town</i>	568	565	321
Sugar Creek township.....	549	624	639	Jacksonville township.....	1,098	1,141	1,096
				New Hampton township, including New Hampton city.....	3,023	3,267	2,248
Cerro Gordo County	25,011	20,672	14,864	<i>New Hampton city^f</i>	2,275	2,559	1,514
Bath township.....	592	572	516	<i>Ward 1</i>	646		
Clear Lake township, including part of Clear Lake town.....	1,851	1,799	1,718	<i>Ward 2</i>	747		
<i>Clear Lake town (part of)</i>	1,178	1,088	1,150	<i>Ward 3</i>	608		
<i>Total for Clear Lake town in Clear Lake and Lake townships</i>	2,014	1,706	1,150	<i>Ward 4</i>	374		
Dougherty township, including Dougherty town.....	726	717	623	Richland township.....	644	778	755
<i>Dougherty town^g</i>	171			Stapleton township, including Lawler town.....	1,281	1,422	1,234
Falls township, including Plymouth and Rock Falls towns.....	1,108	1,224	1,056	<i>Lawler town</i>	601	643	454
<i>Plymouth town^h</i>	558			Utica township.....	989	1,134	1,137
<i>Rock Falls town</i>	87	124	122	Washington township, including Alta Vista and North Washington towns.....	1,447	1,424	1,249
Geneseo township, including Rockwell town.....	1,142	1,350	1,036	<i>Alta Vista town</i>	356	170	
<i>Rockwell town</i>	700	880	581	<i>North Washington townⁱ</i>	182		
Grant township.....	619	763	543				
Grimes township, including Meservey and Thornton towns.....	998	1,021	410	Clarke County	10,738	12,440	11,332
<i>Meservey town</i>	195	193		Doyle township, including Hopeville town.....	742	948	939
<i>Thornton town</i>	271	299		<i>Hopeville town</i>	105	145	
Lake township, including part of Clear Lake town.....	1,478	1,306	580	Franklin township.....	594	643	614
<i>Clear Lake town (part of)</i>	830	623		Fremont township.....	609	762	727
Lime Creek township.....	1,024	895	609	Green Bay township.....	573	728	602
Lincoln township.....	533	584	553	Jackson township, including Woodburn town.....	952	1,135	973
Mason township.....	824	561	4,598	<i>Woodburn town</i>	480	467	356
Mason City township, coextensive with Mason City.....	11,230	6,746		Knox township.....	602	731	703
<i>Mason City</i>	11,230	6,746	4,007	Liberty township.....	731	825	816
<i>Ward 1</i>	2,308			Madison township.....	541	671	687
<i>Ward 2</i>	2,729			Osceola township.....	602	609	572
<i>Ward 3</i>	2,706			Osceola City township, coextensive with Osceola city.....	2,416	2,505	2,120
<i>Ward 4</i>	2,987			<i>Osceola city</i>			
Mount Vernon township.....	568	589	428	<i>Ward 1</i>	920		
Owen township.....	562	580	519	<i>Ward 2</i>	535		
Pleasant Valley township, including Swaledale town.....	750	842	642	<i>Ward 3</i>	968		
<i>Swaledale town</i>	256	240		Troy township, including Murray town.....	1,307	1,606	1,259
Portland township.....	554	643	626	<i>Murray town</i>	796	949	666
Union township.....	301	510	317	Ward township.....	547	553	556
				Washington township.....	520	694	769

¹ County total includes population (405) of Lowden town, returned independently in 1890.

² Exclusive of population of Lowden town.

³ Incorporated in 1901.

⁴ Incorporated in 1900.

⁵ Returned in 1900 as in Marcus township only.

⁶ Incorporated in 1906.

⁷ Incorporated as a city in 1901.

⁸ Incorporated in 1904.

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
Clay County	12,766	13,401	9,309	Clinton County—Continued.			
Clay township.....	781	686	627	Carnache township, including Carnache town.	1,029	1,183	1,240
Douglas township.....	568	618	591	<i>Carnache town</i>	689	713	753
Freeman township, including Dickens town.	728	784	548	Center township.....	874	995	1,024
<i>Dickens town</i> ¹	455			Clinton township, coextensive with Clinton city.	25,577	22,698	14,658
Garfield township, including Webb town.	623	658	227	<i>Clinton city</i>	25,577	22,698	13,619
<i>Webb town</i> ²	150			<i>Ward 1</i>	7,409		
Gillett Grove township.....	631	632	468	<i>Ward 2</i>	2,624		
Herdland township.....	527	720	494	<i>Ward 3</i>	2,835		
Lake township.....	399	412	313	<i>Ward 4</i>	5,141		
Lincoln township.....	616	671	567	<i>Ward 5</i>	1,789		
Logan township.....	385	451	202	<i>Ward 6</i>	2,760		
Lone Tree township, including Everly town.	792	844	520	<i>Ward 7</i>	2,959		
<i>Everly town</i> ³	392			Deep Creek township, including Goose Lake town.	867	979	1,012
Meadow township.....	619	570	474	<i>Goose Lake town</i> ⁴	110		
Peterson township, including Peterson town.	965	1,073	739	Dewitt township, including Dewitt city.	2,735	2,622	2,437
<i>Peterson town</i>	480	521	371	<i>Dewitt city</i>	1,634	1,383	1,359
Riverton township.....	496	543	625	Eden township, including Low Moor town.	943	1,076	867
Stouxs township.....	551	513		<i>Low Moor town</i>	255	318	
Spencer township, coextensive with Spencer city.	3,005	3,095	2,293	Elk River township, including Andover town.	1,170	1,253	1,209
<i>Spencer city</i>	3,005	3,095	1,813	<i>Andover town</i> ⁵	61		
<i>Ward 1</i>	91			Hampshire township.....	714	774	904
<i>Ward 2</i>	1,138			Liberty township, including Toronto town.	622	695	689
Summit township.....	669	668	480	<i>Toronto town</i> ⁶	106		
Waterford township.....	411	463	241	Lincoln township.....	431	550	596
				Olive township, including Calamus town.	1,183	1,236	1,247
				<i>Calamus town</i>	270	287	216
Clayton County	25,576	27,750	26,733	Orange township, including Grand Mound town.	987	1,036	806
Boardman township, including Elkader town.	1,817	2,006	1,683	<i>Grand Mound town</i>	523	555	247
<i>Elkader town</i>	1,181	1,321	1,745	Sharon township, including Lost Nation town.	1,251	1,170	1,114
Buena Vista township, including North Buena Vista town.	450	434	311	<i>Lost Nation town</i> ⁷	523		
<i>North Buena Vista town</i> ⁸	102			Spring Rock township, including Wheatland town.	1,247	1,169	1,265
Cass township, including Strawberry Point town.	1,777	1,776	1,690	<i>Wheatland town</i>	639	475	569
<i>Strawberry Point town</i>	1,052	1,012	947	Spring Valley township.....	335	334	409
Clayton township, including Clayton town.	715	763	848	Washington township.....	678	732	764
<i>Clayton town</i> ⁹	145			Waterford township, including Charlotte town.	1,067	1,224	1,152
Cox Creek township, including Littleport town.	992	1,110	1,046	<i>Charlotte town</i> ¹⁰	356		
<i>Littleport town</i> ¹¹	166			Welton township, including Welton town.	782	843	916
Elk township.....	968	1,130	1,189	<i>Welton town</i> ¹²	69		
Farmersburg township, including Farmersburg town.	884	968	977				
<i>Farmersburg town</i> ¹³	259	143		Crawford County	20,041	21,685	18,894
Garnaville township, including Garnaville town.	806	894	1,051	Boyer township.....	497	514	373
<i>Garnaville town</i> ¹⁴	342			Charter Oak township, including Charter Oak town.	1,313	1,491	1,214
Giard township.....	847	1,117	1,147	<i>Charter Oak town</i>	734	773	567
Grand Meadow township.....	697	830	826	Denison township, including Denison city.	3,715	3,646	2,503
Highland township.....	623	677	793	<i>Denison city</i>	3,133	2,771	1,782
Jefferson township, including Guttenberg city and part of Osterdock town.	2,740	2,809	2,140	<i>Ward 1</i>	673		
<i>Guttenberg city</i>	1,873	1,880	1,160	<i>Ward 2</i>	375		
<i>Osterdock town (part of)</i>	26			<i>Ward 3</i>	1,236		
Total for Osterdock town ¹⁵ in Jefferson and Mallory townships.....	87			East Boyer township.....	543	629	686
Ledomillo township, including part of Edgewood town.	1,184	1,395	1,305	Goodrich township.....	600	807	794
<i>Edgewood town (part of)</i>	297	340		Hanover township.....	706	746	821
Total for Edgewood town in Ledomillo township, Clayton County, and Honey Creek township, Delaware County.....	555	555		Hayes township.....	560	736	830
Mallory township, including part of Osterdock town.	1,017	1,156	1,269	Iowa township.....	763	952	921
<i>Osterdock town (part of)</i>	71			Jackson township.....	611	659	655
Marion township.....	934	936	993	Milford township, including Deloit town.	912	1,085	950
Mendon township, including McGregor city and North McGregor town.	2,817	3,114	2,864	<i>Deloit town</i> ¹⁶	228		
<i>McGregor city</i>	1,259	1,428	1,160	Morgan township.....	610	836	874
<i>Ward 1</i>	361			Nishnabotny township, including Manilla town.	1,678	1,655	1,222
<i>Ward 2</i>	384			<i>Manilla town</i>	375	773	586
<i>Ward 3</i>	514			Other Creek township, including Kiron and Schleswig towns.	1,390	1,137	901
<i>North McGregor town</i>	588	616	609	<i>Kiron town</i>	207	80	
Millville township.....	800	881	936	<i>Schleswig town</i>	455	233	
Monona township, including Monona town.	1,752	1,728	1,475	Paradise township.....	694	783	619
<i>Monona town</i>	792	674	460	Soldier township, including Ricketts town.	638	653	687
Read township.....	669	792	804	<i>Ricketts town</i> ¹⁷	102		
Sperry township, including Volga City town.	1,037	1,207	1,123	Stockholm township.....	754	946	800
<i>Volga City town</i>	416	444		Union township, including Arion and Dow City towns.	1,296	1,408	1,078
Volga township, including Elkport and Garber towns.	1,183	1,200	1,288	<i>Arion town</i>	192	452	451
<i>Elkport town</i>	210	226		<i>Dow City town</i>	462		
<i>Garber town</i> ¹⁸	131			Washington township, including Buck Grove town.	731	793	706
Wagner township, including St. Olaf town.	857	887	970	<i>Buck Grove town</i> ¹⁹	87		
<i>St. Olaf town</i>	170	124		Westside township, including Vail and Westside towns.	1,460	1,518	1,658
				<i>Vail town</i>	651	578	558
				<i>Westside town</i>	367	396	448
				Willow township.....	564	636	602
Clinton County	45,394	43,832	41,199				
Berlin township.....	607	732	693	Dallas County	23,628	23,058	20,479
Bloomfield township, including Delmar town.	1,325	1,460	1,413	Adams township.....	786	1,018	840
<i>Delmar town</i>	543	592	518	Adel township, including Adel and Dallas Center towns.	2,770	2,691	2,240
Brookfield township.....	820	911	925	<i>Adel town</i>	1,239	1,213	995
				<i>Dallas Center town</i>	769	625	445
				Beaver township.....	777	811	775
				Boone township.....	692	718	756
				Colfax township.....	714	812	851

¹ Incorporated in 1909.

² Incorporated in 1901.

³ Incorporated in 1902.

⁴ Incorporated in 1907.

⁵ Returned as Windsor in 1900.

⁶ Incorporated in 1904.

⁷ Incorporated in 1904. Name changed from East Elkport in 1907.

⁸ County total includes population (5,799) of Lyons township, annexed to Clinton township between 1890 and 1900.

⁹ Incorporated in 1908.

¹⁰ Incorporated in 1910.

¹¹ Incorporated in 1903.

¹² Incorporated in 1900.

¹³ Incorporated 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
Franklin County—Continued.				Guthrie County			
Washington township, coextensive with Hampton city.....	2,617	2,727	2,067	Baker township.....	562	683	542
Hampton city:				Bear Grove township.....	684	710	770
Ward 1.....	580			Beaver township, including Menlo town.....	1,374	1,477	1,351
Ward 2.....	681			Menlo town.....	382	428	389
Ward 3.....	712			Cass township, including Panora town and part of Yale town.....	2,389	2,480	2,175
Ward 4.....	685			Panora town.....	1,080	953	809
West Fork township.....	532	650	653	Yale town (part of).....	191		
Wisner township.....	525	544	310	Total for Yale town ² in Cass and Richland townships.....	273		
				Dodge township, including Bagley town.....	1,126	1,033	942
Fremont County	15,623	13,546	16,842	Bagley town.....	488	355	
Benton township.....	704	981	912	Grant township.....	735	794	838
Fisher township, including Farragut town.....	1,176	1,379	1,213	Highland township, including Bayard town.....	1,144	1,238	1,122
Farragut town.....	431	514	406	Bayard town.....	539	491	548
Franklin township, coextensive with Hamburg city.....	1,817	2,079	1,634	Jackson township.....	713	820	721
Hamburg city:				Orange township.....	430	646	527
Ward 1.....	667			Penn township.....	371	414	2,102
Ward 2.....	703			Richland township, including Jamaica town and part of Yale town.....	1,199	1,286	1,263
Ward 3.....	337			Jamaica town ³	379		
Green township.....	873	1,000	969	Yale town (part of).....	82		
Locust Grove township.....	583	743	754	Seely township.....	608	742	691
Madison township.....	715	878	1,048	Stuart township, including wards 1 and 2 of Stuart city.....	1,529	1,091	296
Monroe township, including Imogene town.....	980	1,086	1,030	Stuart city (part of).....	1,273	1,461	1,897
Imogene town.....	341	296	270	[For total, see Stuart township, Adair County.]			
Prairie township.....	471	572	591	Thompson township, including part of Casey town.....	1,306	1,284	1,047
Riverside township, including Randolph town.....	902	1,007	948	Casey town (part of).....	629	663	453
Randolph town.....	304	373	276	[For total, see Walnut township, Adair County.]			
Riverton township, including Riverton town.....	1,000	1,221	1,078	Union township.....	405	463	435
Riverton town.....	633	687	660	Valley township, including Guthrie Center town.....	2,014	1,986	1,642
Ross township, coextensive with Tabor town.....	909	934	503	Guthrie Center town.....	1,337	1,193	1,037
Scott township, including Thurman town.....	1,257	1,575	1,528	Victory township.....	785	977	917
Thurman town.....	393	400	395				
Sidney township, including Sidney town.....	2,331	3,398	3,051	Hamilton County	19,242	19,514	16,319
Sidney town.....	1,019	1,143	839	Blairsburg township, including Blairsburg town.....	757	780	530
Walnut township.....	481	529	519	Blairsburg town ²	241		
Washington township.....	864	1,194	1,064	Boone township, coextensive with Webster City.....	5,208	4,613	2,820
				Webster City:			
Greene County	16,033	17,820	15,797	Ward 1.....	861		
Bristol township.....	740	823	780	Ward 2.....	1,071		
Cedar township.....	583	629	562	Ward 3.....	1,254		
Dawson township.....	650	722	760	Ward 4.....	1,539		
Franklin township.....	814	871	826	Ward 5.....	408		
Grant township.....	595	632	573	Cass township.....	654	686	538
Greenbrier township.....	622	698	690	Clear Lake township, including Stanhope town.....	1,052	1,159	965
Hardin township.....	614	756	601	Stanhope town.....	231	297	
Highland township, including Churdan town.....	1,055	1,101	751	Ellsworth township.....	938	1,005	872
Churdan town.....	697	686	577	Breedon township.....	536	539	506
Jackson township.....	620	700	695	Fremont township.....	555	607	516
Jefferson township, coextensive with Jefferson city.....	2,477	2,601	1,875	Hamilton township.....	748	744	647
Jefferson city:				Independence township, including Kamrar town.....	820	805	564
Ward 1.....	909			Kamrar town.....	263	223	
Ward 2.....	751			Liberty township.....	757	772	638
Ward 3.....	317			Lincoln township, including part of Ellsworth town.....	1,196	1,246	997
Junction township, including Dana and Grand Junction towns.....	2,312	2,484	2,181	Ellsworth town (part of).....	358	291	
Dana town ¹	183			Total for Ellsworth town in Lincoln and Lyon townships.....	406	519	
Grand Junction town.....	1,012	1,113	932	Lyon township, including Jewell town and part of Ellsworth town.....	1,537	1,642	1,216
Kendrick township.....	659	795	770	Ellsworth town (part of).....	48	28	
Paton township, including Paton town.....	1,070	1,019	892	Jewell town.....	041	047	414
Paton town.....	358	323	245	Marion township, including Stratford town.....	1,287	1,297	1,209
Seranton township, including Seranton town.....	1,433	1,655	1,445	Stratford town.....	554	558	
Seranton town.....	345	383	715	Rose Grove township.....	620	635	550
Washington township, including Rippey town.....	1,268	1,619	1,700	Rippey town.....	926	987	1,002
Rippey town.....	407	619	716	Scott township.....	704	879	931
Willow township.....	570	710	716	Webster township.....	947	1,008	709
				Williams township, including Williams town.....	467	500	
				Williams town.....			
Grundy County	13,574	13,757	13,215				
Beaver township.....	906	833	805	Hancock County	12,731	13,752	7,621
Blackhawk township, including Reinbeck town.....	1,320	1,801	1,401	Amsterdam township, including Kanawha town.....	993	899	393
Reinbeck town.....	1,205	1,203	731	Kanawha town ⁴	398		
Clay township, including Beaman and Conrad towns.....	1,374	1,404	1,121	Avery township, including part of Goodell town.....	868	885	627
Beaman town.....	202	206		Goodell town (part of).....	239	264	
Conrad town.....	519	485	167	Total for Goodell town ⁵ in Avery and Twin Lakes townships.....	240	254	113
Colfax township, including Holland town.....	868	921	1,009	Lakes townships.....	639	696	
Holland town.....	168	176		Bingham township, including Woden town.....	162		
Fairfield township.....	750	800	836	Woden town ⁶	621	537	245
Felix township.....	589	691	886	Boone township, including part of Corwith town.....	90	116	13
German township.....	862	933	1,013	Corwith town (part of).....			
Grant township, including Dike town.....	359	680	667	Total for Corwith town in Boone and Magor townships.....	455	651	547
Dike town ³	286			Magor town.....	1,635	1,945	978
Lincoln township.....	627	676	743	Britt township, including Britt town.....	1,303	1,540	813
Melrose township.....	579	632	622	Britt town.....	1,519	1,829	1,176
Palermo township, including Grundy Center town.....	1,986	1,076	1,788	Concord township, including Garner town.....	1,028	1,222	679
Grundy Center town.....	1,264	1,322	1,161	Garner town.....	572	718	223
Pleasant Valley township.....	706	733	835	Crystal township, including Crystal Lake town.....	143	146	
Shiloh township, including Wellsburg town.....	1,023	973	864	Crystal Lake town.....	757	756	346
Wellsburg town.....	238	203		Ell township, including Klemme town.....	306	202	
Washington township, including Morrison town.....	616	644	625	Klemme town.....			
Morrison town.....	173	176	165				

¹ Incorporated in 1907.
² Incorporated in 1900.
³ Incorporated in 1901.

⁴ Incorporated in 1902.
⁵ Returned in 1900 as in Avery township only.
⁶ Incorporated in 1904.

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
Hancock County—Continued.				Henry County.			
Ellington township.....	823	941	775	Baltimore township.....	710	871	1,064
Erin township.....	523	516	347	Canaan township, including Mount Union town.	905	947	937
Garfield township.....	809	888	307	Mount Union town ¹	195		
German township.....	506	616	387	Center township, including Mount Pleasant city.....	5,933	6,173	6,007
Madison township.....	641	652	436	Mount Pleasant city.....	3,874	4,109	3,897
Magor township, including part of Corwith town.	370	955	608	Ward 1.....	1,448		
Corwith town (part of).....	365	555	334	Ward 2.....	1,270		
Orthel township.....	537	620	281	Ward 3.....	661		
Twin Lakes township, including part of Goodell town.	508	549	382	Ward 4.....	795		
Goodell town ¹ (part of).....	11			Jackson township.....	629	804	795
				Jefferson township, including Wayland town and part of Coppock town.....	1,004	1,621	1,410
				Coppock town (part of).....	78		
Hardin County.....	20,921	22,794	19,003	Total for Coppock town ² in Jefferson township, Henry County, Walnut township, Jefferson County, and Marion township, Washington County.....	105		
Alden township, including Alden town.....	1,631	1,095	1,278	Wayland town.....	550	394	
Alden town.....	899	709	512	Marion township.....	707	810	889
Buckeye township, including Buckeye town.....	701	637	543	New London township, including New London town.....	1,938	1,899	1,406
Buckeye town ²	140			New London town.....	1,144	1,005	580
Clay township, including Steamboat Rock town.	1,062	1,153	1,106	Salem township, including Salem town.....	1,523	1,653	1,470
Steamboat Rock town.....	378	410	367	Salem town.....	501	543	561
Concord township.....	857	893	811	Scott township, including Winfield town.....	1,655	1,699	1,399
Eldora township, including Eldora city.....	2,512	2,872	2,145	Winfield town.....	234	320	461
Eldora city.....	1,995	2,233	1,677	Tippecanoe township, including Rome town.....	978	1,369	1,172
Ward 1.....	384			Rome town.....	155	255	
Ward 2.....	649			Trenton township.....	981	1,124	1,135
Ward 3.....	445			Wayne township, including Olds town.....	1,077	1,142	1,221
Ward 4.....	577			Olds town ³	165		
Ellis township.....	654	677	680				
Etna township, including Ackley town.....	2,106	2,432	2,277	Howard County.....	12,920	14,512	11,188
Ackley town.....	1,244	1,445	1,286	Afton township, including part of Elma town.....	1,342	1,527	1,091
Grant township.....	670	796	682	Elma town (part of).....	462	545	
Hardin township, including Iowa Falls city.....	3,737	3,846	2,717	Total for Elma town in Afton and Howard townships.....	807	976	
Iowa Falls city.....	2,797	2,840	1,796	Albion township.....	509	622	675
Ward 1.....	641			Chester township, including Chester town.....	665	718	487
Ward 2.....	779			Chester town ⁴	208		
Ward 3.....	748			Forest City township, including Limesprings town.....	1,001	1,236	1,032
Ward 4.....	689			Limesprings town.....	498	605	660
Jackson township.....	815	928	813	Howard township, including part of Elma town.	1,390	1,494	1,021
Pleasant township.....	1,190	1,324	1,202	Elma town (part of).....	245	431	
Providence township, including New Providence town.....	911	1,087	1,079	Howard Center township.....	548	687	560
New Providence town.....	248	298		Jamestown township, including part of Riceville town.....	944	1,014	659
Sherman township, including Radcliffe town.....	1,237	1,321	897	Riceville town (part of).....	353	349	
Radcliffe town.....	660	645		Total for Riceville town in Jamestown township, Howard County, and Jenkins township, Mitchell County.....	844	804	
Tipton township, including Hubbard town.....	1,220	1,390	1,083	New Oregon township, including Protivin town.....	1,136	1,310	1,195
Hubbard town.....	568	676	452	Protivin town.....	163	158	
Union township, including Union and Whitten towns.....	1,618	1,743	1,690	Oak Dale township.....	430	567	444
Union town.....	540	589	514	Paris township.....	991	1,053	849
Whitten town.....	219	217	195	Saratoga township.....	650	721	478
				Vernon Springs township, including Cresco city.....	3,314	3,558	2,082
Harrison County.....	23,162	25,597	21,356	Cresco city.....	2,653	2,806	2,018
Allen township.....	633	669	574	Ward 1.....	705		
Boyer township, including Woodbine town.....	2,310	2,167	1,470	Ward 2.....	893		
Woodbine town.....	1,538	1,255	815	Ward 3.....	960		
Calhoun township.....	528	506	470	Humboldt County.....	12,182	12,667	9,836
Cass township.....	935	924	840	Avery township, including Bradgate town.....	724	791	528
Cincinnati township.....	517	678	664	Bradgate town.....	175	223	
Clay township.....	467	731	706	Beaver township.....	599	696	711
Douglas township.....	706	735	726	Corinth township.....	563	580	485
Harrison township, including Dunlap town.....	1,646	2,178	1,797	Dakota township, coextensive with Dakota town.....	391	362	353
Dunlap town.....	1,155	1,355	1,088	Delana township, including Bode town.....	1,030	1,068	897
Jackson township, including Pisgah town.....	769	682	525	Bode town.....	419	409	
Pisgah town ⁵	212			Grove township.....	582	648	572
Jefferson township, including Logan town.....	2,596	2,593	2,022	Humboldt township, including Livermore town.....	1,097	1,207	938
Logan town.....	1,453	1,377	827	Livermore town.....	578	618	459
Lagrange township.....	743	728	630	Lake township.....	700	765	497
Lincoln township.....	579	654	554	Norway township, including Thor town.....	954	1,057	961
Little Sioux township, including Little Sioux town.....	1,048	1,275	1,150	Thor town.....	271	274	
Little Sioux town.....	390	427	400	Rutland township, including Rutland town.....	801	834	700
Magnolia township, including Magnolia town.....	1,345	1,381	1,232	Rutland town ⁶	212		
Magnolia town.....	311			Springvale township, coextensive with Humboldt town.....	1,809	1,474	1,075
Morgan township, including Mondamin town.....	861	833	751				
Mondamin town.....	420	384	257				
Raglan township.....	567	657	565				
St. John township, including Missouri Valley city.....	4,042	5,125	3,792				
Missouri Valley city.....	3,187	4,010	2,797				
Ward 1.....	1,037						
Ward 2.....	761						
Ward 3.....	1,389						
Taylor township, including Modale town.....	830	887	719				
Modale town.....	387	333	238				
Union township.....	907	1,015	947				
Washington township, including Persia town.....	1,135	1,179	1,222				
Persia town.....	558	391					

¹ Returned in 1900 as in Avery township only.

² Incorporated in 1901.

³ Incorporated in 1904.

⁴ Incorporated in 1909.

⁵ Incorporated in 1902.

⁶ Incorporated in 1900.

⁷ Incorporated in 1908.

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
Humboldt County—Continued.				Jackson County—Continued.			
Vernon township, including Renwick town and part of Luverne town.....	1,050	1,129	795	Maquoketa township, including wards 1 and 3 of Maquoketa city.....	2,500	2,859	4,971
<i>Luverne town (part of)</i>	117	128	.....	<i>Maquoketa city (part of)</i>	1,073	1,857	1,329
<i>Total for Luverne town in Vernon township, Humboldt County, and Luverne township, Kossuth County</i>	501	534	.....	<i>Total for Maquoketa city in Maquoketa and South Fork townships</i>	3,570	3,777	3,077
<i>Renwick town</i>	872	850	.....	<i>Ward 1</i>	1,128	.....	.....
Waconsta township, including Ottosen town.....	748	826	521	<i>Ward 2</i>	959	.....	.....
<i>Ottosen town</i> ¹	147	.....	.....	<i>Ward 3</i>	950	.....	.....
Weaver township, including Pioneer town and part of Gilmore City town.....	1,129	1,180	742	<i>Ward 4</i>	938	.....	.....
<i>Gilmore City town (part of)</i>	474	483	.....	Monmouth township, including Baldwin and Monmouth towns.....	1,211	1,520	1,587
<i>Total for Gilmore City town in Weaver township, Humboldt County, and Lake township, Pocahontas County</i>	689	687	.....	<i>Baldwin town</i>	229	254	227
<i>Pioneer town</i> ¹	92	.....	.....	<i>Monmouth town</i>	221	231	.....
Ida County.....	11,296	12,327	10,705	Otter Creek township, including part of Zwingle town.....	648	762	689
Battle township.....	608	673	659	<i>Zwingle town</i> ² (part of).....	23	.....	.....
Blaine township, including Arthur town.....	878	822	783	[For total, see Washington township, Dubuque County.]	.....	.....	.....
<i>Arthur town</i>	215	168	.....	Perry township, including Andrew town.....	994	1,179	1,258
Corwin township, including Ida Grove city.....	2,405	2,634	2,168	<i>Andrew town</i>	307	273	307
<i>Ida Grove city</i> ²	1,874	1,967	1,563	Prairie Springs township, including part of La Motte town.....	718	784	754
<i>Ward 1</i>	570	.....	.....	<i>La Motte town (part of)</i>	148	124	.....
<i>Ward 2</i>	675	.....	.....	<i>Total for La Motte town in Prairie Springs and Richland townships</i>	288	272	144
<i>Ward 3</i>	629	.....	.....	Richland township, including part of La Motte town.....	767	834	726
Douglas township.....	638	723	639	<i>La Motte town (part of)</i>	142	148	.....
Galva township, including Galva town.....	981	1,103	732	South Fork township, including wards 2 and 4 of Maquoketa city.....	2,897	3,144	4,217
<i>Galva town</i>	377	456	.....	<i>Maquoketa city (part of)</i>	1,897	1,920	1,548
Garfield township.....	624	668	608	Tete de Mort township.....	584	767	581
Grant township.....	580	650	690	Union township, including Sabula city.....	1,130	1,252	1,176
Griggs township, including Holstein town.....	1,589	1,602	1,263	<i>Sabula city</i>	918	1,029	918
<i>Holstein town</i>	936	870	539	Van Buren township, including Preston town and part of Miles city.....	1,418	1,487	1,340
Hayes township.....	700	858	827	<i>Miles city (part of)</i>	44	66	.....
Logan township.....	539	645	606	<i>Preston town</i>	642	563	439
Maple township, including Battle Creek town.....	1,193	1,287	1,095	Washington township, including Green Island town.....	807	835	901
<i>Battle Creek town</i>	527	542	387	<i>Green Island town</i> ¹	123	.....	.....
Silver Creek township.....	555	662	630	Jasper County.....	27,034	26,976	24,945
Iowa County.....	18,409	19,544	18,270	Buena Vista township.....	896	960	943
Amana township.....	1,729	1,748	1,657	Clear Creek township.....	796	891	940
Cono township.....	193	223	209	Des Moines township, including Prairie City town.....	1,993	2,125	2,090
Dayton township.....	728	755	837	<i>Prairie City town</i>	764	808	624
English township, including North English town.....	1,916	1,964	1,672	Elk Creek township.....	904	1,064	1,127
<i>North English town</i>	348	683	.....	Fairview township, including Monroe town.....	2,028	2,326	2,292
Fillmore township, including Parnell town.....	1,233	1,395	1,043	<i>Monroe town</i>	800	817	868
<i>Parnell town</i>	369	318	.....	Hickory Grove township.....	658	743	719
Greene township.....	968	1,013	1,017	Independence township, including Baxter town.....	1,381	1,422	1,277
Hartford township, including parts of Ladora and Victor towns.....	1,521	1,521	1,622	<i>Baxter town</i>	287	427	.....
<i>Ladora town (part of)</i>	225	225	209	Kellogg township, including Kellogg town.....	1,255	1,353	1,295
<i>Total for Ladora town in Hartford and Sumner townships</i>	260	259	224	<i>Kellogg town</i>	610	653	700
<i>Victor town (part of)</i>	539	493	526	Lynn Grove township, including Lynnville and Sully towns.....	1,492	1,472	1,376
<i>Total for Victor town in Hartford township, Iowa County, and Warren township, Poweshiek County</i>	640	612	616	<i>Lynnville town</i>	370	347	261
Hilton township.....	691	694	714	<i>Sully town</i> ³	282	.....	.....
Honey Creek township.....	791	904	943	Malaka township.....	601	630	689
Iowa township.....	851	934	971	Mariposa township.....	635	684	680
Lenox township.....	362	429	414	Mound Prairie township.....	1,383	885	807
Lincoln township.....	709	707	691	Newton township, including Newton city.....	5,618	4,637	3,475
Marengo township, including Marengo city.....	2,348	2,662	2,227	<i>Newton city</i>	4,618	3,682	2,664
<i>Marengo city</i>	1,780	2,007	1,710	<i>Ward 1</i>	1,658	.....	.....
<i>Ward 1</i>	642	.....	.....	<i>Ward 2</i>	1,789	.....	.....
<i>Ward 2</i>	608	.....	.....	<i>Ward 3</i>	1,295	.....	.....
<i>Ward 3</i>	536	.....	.....	Palo Alto township.....	1,035	1,209	1,088
Pilot township.....	766	775	790	Poweshiek township, including Mingo town.....	1,259	1,423	2,105
Sumner township, including part of Ladora town.....	608	655	727	<i>Mingo town</i> ⁴	755	803	776
<i>Ladora town (part of)</i>	37	14	15	Richland township.....	631	613	707
Troy township, including Williamsburg town.....	1,782	1,888	1,413	Rock Creek township.....	573	645	704
<i>Williamsburg town</i>	1,060	1,100	655	Sherman township.....	3,263	3,091	1,756
Washington township.....	466	505	528	Washington township, including Colfax city.....	2,524	2,055	887
York township.....	747	772	765	<i>Colfax city</i> ¹⁰	727	.....	.....
Jackson County.....	21,258	23,615	22,771	<i>Ward 1</i>	744	.....	.....
Bellevue township, including Bellevue city.....	2,623	2,601	2,286	<i>Ward 2</i>	714	.....	.....
<i>Bellevue city</i>	1,776	1,607	1,394	<i>Ward 3</i>	1,053	.....	.....
<i>Ward 1</i>	900	.....	.....	Jefferson County.....	15,951	17,437	15,194
<i>Ward 2</i>	880	.....	.....	Blackhawk township.....	745	722	773
Brandon township.....	862	1,133	1,039	Buchanan township.....	817	947	932
Butler township.....	699	788	706	Cedar township.....	565	673	663
Fairfield township.....	656	778	798	Center township ¹¹	866	.....	.....
Farmers Creek township.....	907	1,026	1,232	Des Moines township.....	785	962	892
Iowa township, including part of Miles city.....	1,017	1,133	1,106	Fairfield township, ¹¹ coextensive with Fairfield city.....	4,970	5,950	4,363
<i>Miles city (part of)</i>	290	319	.....	<i>Fairfield city</i>	4,970	4,689	3,391
<i>Total for Miles city in Iowa and Van Buren townships</i>	584	585	.....	<i>Ward 1</i>	774	.....	.....
Jackson township, including Springbrook town.....	820	833	869	<i>Ward 2</i>	1,653	.....	.....
<i>Springbrook town</i>	217	107	.....	<i>Ward 3</i>	1,591	.....	.....
				<i>Ward 4</i>	872	.....	.....

¹ Incorporated in 1909.² Incorporated as a city in 1906.³ County total includes population (3,231) of La Motte town and Maquoketa city, returned independently in 1890.⁴ Exclusive of population of Maquoketa city.⁵ Incorporated in 1900.⁶ Exclusive of population of La Motte town.⁷ Incorporated in 1904.⁸ Incorporated in 1901.⁹ Incorporated in 1903.¹⁰ Incorporated as a city in 1900.¹¹ Center township organized from part of Fairfield township in 1907.

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
Jefferson County—Continued.				Keokuk County.			
Liberty township.....	1,058	1,017	893	Adams township.....	875	949	893
Lockridge township.....	1,086	1,229	1,248	Benton township, including Hedrick town.....	1,768	2,108	1,576
Locust Grove township, including Batavia town.....	1,243	1,540	1,266	<i>Hedrick town</i>	678	1,035	692
<i>Batavia town</i>	580	553	307	Clear Creek township.....	689	796	958
Penn township, including Pleasant Plain town.....	1,132	1,322	1,233	East Lancaster township ¹	370	.....	.....
<i>Pleasant Plain town</i>	174	289	.....	English River township, including South English and Webster towns.....	1,177	1,240	1,227
Polk township, including Packwood town.....	1,040	1,265	1,096	<i>South English town</i>	358	319	.....
<i>Packwood town</i>	204	284	.....	<i>Webster town</i> ²	127	.....	.....
Round Prairie township.....	815	887	890	German township.....	948	1,147	1,167
Walnut township, including part of Coppock town.....	808	923	925	Jackson township, including Ollie town.....	1,124	1,275	1,244
<i>Coppock town (part of)</i>	7	.....	.....	<i>Ollie town</i>	229	233	.....
[For total, see Jefferson township, Henry County.]	25,914	24,817	23,082	Lafayette township, including Harper and Keota towns.....	1,951	2,060	1,837
Johnson County.				<i>Keota town</i>	252	269	255
Big Grove township, including Solon town.....	1,138	1,228	1,198	<i>Keota town</i>	583	896	777
<i>Solon town</i>	450	397	365	Liberty township, including Kinross town.....	949	1,000	955
Cedar township.....	705	803	741	<i>Kinross town</i>	142	132	.....
Clear Creek township, including Tiffin town.....	622	557	477	Prairie township, including Thornburg town.....	1,165	1,453	1,529
<i>Tiffin town</i> ³	170	.....	.....	<i>Thornburg town</i>	253	267	.....
East Lucas township.....	421	538	.....	Richland township, including Richland town.....	1,563	1,434	1,466
Fremont township, including Lone Tree town.....	1,637	1,550	1,186	<i>Richland town</i>	615	534	551
<i>Lone Tree town</i>	732	600	.....	Sigourney township, including Sigourney city.....	2,360	2,372	1,948
Graham township.....	639	667	633	<i>Sigourney city</i>	2,052	1,952	1,523
Hardin township.....	638	693	719	Steady Run township, including Martinsburg town.....	944	1,186	986
Jefferson township.....	675	749	796	<i>Martinsburg town</i>	225	322	.....
Liberty township, including Hills town.....	636	577	512	Van Buren township.....	757	805	830
<i>Hills town</i> ⁴	195	.....	.....	Warren township, including Delta town.....	1,445	1,526	1,218
Lincoln township.....	422	454	515	<i>Delta town</i>	723	691	409
Lucas township, coextensive with Iowa City.....	10,031	7,987	7,016	Washington township, including What Cheer city.....	2,620	4,285	4,777
<i>Iowa City:</i>	.....	.....	.....	<i>What Cheer city</i>	1,720	2,746	3,246
<i>Ward 1</i>	2,153	.....	.....	<i>Ward 1</i>	541	.....	.....
<i>Ward 2</i>	2,096	.....	.....	<i>Ward 2</i>	622	.....	.....
<i>Ward 3</i>	1,589	.....	.....	<i>Ward 3</i>	556	.....	.....
<i>Ward 4</i>	1,871	.....	.....	West Lancaster township ⁵	649	.....	.....
<i>Ward 5</i>	2,372	.....	.....	Kossuth County.			
Madison township.....	437	472	531	Algona township, coextensive with Algona city.....	2,908	2,911	2,068
Monroe township.....	672	843	822	<i>Algona city:</i>	.....	.....	.....
Newport township.....	560	589	638	<i>Ward 1</i>	556	.....	.....
Oxford township, including Oxford town.....	1,348	1,515	1,309	<i>Ward 2</i>	797	.....	.....
<i>Oxford town</i>	614	664	515	<i>Ward 3</i>	733	.....	.....
Penn township.....	662	685	638	<i>Ward 4</i>	842	.....	.....
Pleasant Valley township.....	465	514	513	Buffalo township, including Titonka town.....	791	723	261
Scott township.....	761	775	744	<i>Titonka town</i>	278	224	.....
Sharon township.....	1,027	1,041	1,076	Burt township, including Burt town.....	1,059	1,090	560
Union township.....	660	811	698	<i>Burt town</i>	495	604	.....
Washington township.....	1,043	1,066	1,030	Cresco township.....	502	567	415
West Lucas township, including Coralville town.....	556	702	775	Eagle township.....	284	249	.....
<i>Coralville town</i>	151	125	175	Fenton township, including Fenton town.....	873	763	462
Jones County.				<i>Fenton town</i> ¹⁰	511	.....	.....
Cass township.....	655	851	836	Garfield township.....	671	662	379
Castle Grove township.....	688	784	750	German township.....	628	668	353
Clay township.....	537	673	696	Grant township.....	336	383	.....
Fairview township, ⁶ including Anamosa city.....	4,006	4,366	3,535	Greenwood township, including Bancroft town.....	1,417	1,414	1,070
<i>Anamosa city</i> ⁶	2,933	2,891	2,078	<i>Bancroft town</i>	820	839	667
<i>Ward 1</i>	593	.....	.....	Harrison township, including Swea City town.....	901	822	.....
<i>Ward 2</i>	1,234	.....	.....	<i>Swea City town</i>	402	322	.....
<i>Ward 3</i>	636	.....	.....	Hebron township.....	499	454	.....
<i>Ward 4</i>	520	.....	.....	Irrington township.....	699	767	560
Greenfield township, including Martelle town.....	781	842	799	Ledyard township, including Germania and ⁷ Ledyard towns.....	1,066	1,170	.....
<i>Martelle town</i>	178	153	.....	<i>Germania town</i>	436	384	.....
Hale township.....	790	1,012	924	<i>Ledyard town</i>	222	257	.....
Jackson township.....	669	818	825	Lincoln township.....	429	518	.....
Lovell township, including Monticello city.....	2,763	3,014	2,830	Lotts Creek township.....	694	663	471
<i>Monticello city</i>	2,043	2,104	1,938	Luverne township, including part of Luverne town.....	833	890	546
<i>Ward 1</i>	641	.....	.....	<i>Luverne town (part of)</i>	324	408	.....
<i>Ward 2</i>	757	.....	.....	[For total, see Vernon township, Humboldt County.]	.....	.....	.....
<i>Ward 3</i>	645	.....	.....	Plum Creek township.....	425	474	452
Madison township, including Center Junction town and parts of Onslow and Wyoming towns.....	1,005	1,253	1,124	Portland township.....	496	531	467
<i>Center Junction town</i>	199	255	210	Prairie township.....	616	685	434
<i>Onslow town (part of)</i>	90	135	.....	Ramsay township.....	575	544	584
<i>Total for Onslow town in Madison and Wyoming townships</i>	207	265	237	Riverdale township.....	508	596	607
<i>Wyoming town (part of)</i>	12	15	.....	Seneca township.....	540	637	444
<i>Total for Wyoming town in Madison and Wyoming townships</i>	733	794	704	Sherman township.....	535	554	499
Oxford township, including Oxford Junction town.....	1,584	1,605	1,643	Springfield township.....	399	368	.....
<i>Oxford Junction town</i>	822	780	752	Swea township.....	563	565	407
Richland township, including part of Cascade town.....	759	801	745	Union township.....	557	577	464
<i>Cascade town (part of)</i>	152	148	.....	Wesley township, including Wesley town.....	1,035	1,362	693
[For total, see Cascade township, Dubuque County.]	.....	.....	.....	<i>Wesley town</i>	467	750	440
Rome township, including Olin town.....	1,237	1,734	1,335	Whittemore township, including Whittemore town.....	1,112	1,103	644
<i>Olin town</i>	659	692	519	<i>Whittemore town</i>	518	522	278
Scotch Grove township.....	653	855	705	Lee County.			
Washington township.....	544	580	556	Cedar township.....	863	827	835
Wayne township.....	900	1,046	1,094	Charleston township.....	786	935	990
Wyoming township, including parts of Onslow and Wyoming towns.....	1,478	1,720	1,865	Denmark township.....	674	717	817
<i>Onslow town (part of)</i>	117	150	.....	1 Incorporated in 1902.			
<i>Wyoming town (part of)</i>	721	778	.....	2 County total includes population (1,242) of Lucas township, taken to form East and West Lucas townships between 1890 and 1900.			
				3 Incorporated in 1900.			
				4 County total includes population (941) of Onslow and Wyoming towns, returned independently in 1890.			
				5 Part of Fairview township (Strawberry Hill town) annexed to Anamosa city in 1901.			
				6 Exclusive of population of Onslow and Wyoming towns.			
				7 County totals include population (1,252 in 1900; 1,221 in 1890) of Lancaster township, taken to form East and West Lancaster townships since 1900.			
				8 Organized from part of Lancaster township in 1904.			
				9 Incorporated in 1909.			
				10 Incorporated 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
Lee County—Continued.				Louis County			
Des Moines township.....	790	1,004	1,061	Columbus City township, including Columbus City and Columbus Junction towns.....	2,794	2,757	2,595
Franklin township, including Donnellson and Franklin towns.....	1,200	1,397	1,457	Columbus City town.....	375	388	459
Donnellson town.....	537	570	553	Columbus Junction town.....	1,185	1,099	953
Franklin town.....	138	210	727	Concord township.....	620	828	700
Green Bay township.....	744	898	727	Eliot township, including Oakville town.....	981	873	377
Harrison township.....	614	735	835	Oakville town ^a	589	.....	.....
Jackson township, including Keokuk city.....	15,440	16,243	15,511	Elm Grove township.....	496	576	606
Keokuk city.....	14,008	14,641	14,101	Grandview township, including Grandview and Letts towns.....	1,522	1,397	1,202
Ward 1.....	1,616	.....	.....	Grandview town ^b	574	.....	.....
Ward 2.....	2,733	.....	.....	Letts town.....	455	387	325
Ward 3.....	3,107	.....	.....	Jefferson township.....	475	608	626
Ward 4.....	1,746	.....	.....	Marshall township.....	544	608	656
Ward 5.....	2,168	.....	.....	Morning Sun township, including Morning Sun town.....	1,591	1,761	1,617
Ward 6.....	3,538	.....	894	Morning Sun town.....	897	948	987
Jefferson township.....	607	790	894	Oakland township.....	402	562	447
Madison township, coextensive with Fort Madison city.....	8,900	9,278	7,901	Port Louisa township.....	608	653	611
Fort Madison city.....	.....	.....	.....	Union township.....	529	546	541
Ward 1.....	1,373	.....	.....	Wapello township, including Wapello city.....	2,233	2,347	1,845
Ward 2.....	943	.....	.....	Wapello city.....	1,326	1,398	1,009
Ward 3.....	1,303	.....	.....	Lucas County			
Ward 4.....	2,126	.....	.....	13,462			
Ward 5.....	3,000	.....	.....	Benton township.....	587	631	627
Marion township, including St. Paul town.....	746	861	980	Cedar township.....	658	735	666
St. Paul town.....	68	65	.....	Chariton township, coextensive with Chariton city.....	3,794	3,989	3,122
Montrose township, including Montrose town.....	1,780	1,813	1,788	Chariton city.....	.....	.....	.....
Montrose town.....	708	748	778	Ward 1.....	1,231	.....	.....
Pleasant Ridge township.....	588	705	752	Ward 2.....	1,151	.....	.....
Van Buren township.....	613	870	878	Ward 3.....	1,412	.....	.....
Washington township.....	910	994	803	English township.....	768	854	740
West Point township, including West Point town.....	1,342	1,550	1,426	Jackson township, including Cleveland and Lucas towns.....	1,274	2,792	2,675
West Point town.....	570	664	498	Cleveland town.....	59	202	807
Linn County				Lucas town.....	666	1,132	1,330
60,780				Liberty township.....	755	903	796
Bertram township.....	618	859	861	Lincoln township.....	738	748	631
Boulder township, including Prairieburg town.....	896	987	938	Otter Creek township.....	677	756	767
Prairieburg town ¹	187	.....	.....	Pleasant township.....	799	1,002	804
Brown township, including Springville town.....	1,637	1,848	1,676	Union township, including Derby town.....	873	899	779
Springville town.....	638	599	518	Derby town.....	326	.....	.....
Buffalo township.....	426	493	504	Warren township.....	653	726	719
Cedar township, ² including Kenwood Park town.....	1,770	.....	196	Washington township, including Russell town.....	1,225	1,342	1,172
Kenwood Park town.....	376	233	196	Russell town.....	612	636	443
Clinton township ³	796	1,004	996	Whitebreast township.....	663	746	1,046
College township.....	920	917	1,070	Lyon County			
Fairfax township.....	1,002	1,037	1,110	14,624			
Fayette township, including Palo town.....	611	624	622	Allison township.....	350	340	266
Palo town ¹	208	.....	.....	Centennial township.....	456	395	296
Franklin township, including Lisbon and Mount Vernon towns.....	3,040	3,381	2,904	Cleveland township.....	621	571	576
Lisbon town.....	246	959	1,079	Dale township.....	561	555	551
Mount Vernon town.....	1,638	1,659	1,149	Doon township, including Alvord and Doon towns.....	1,472	1,370	716
Grant township, including Walker town.....	1,190	1,258	1,149	Alvord town.....	223	.....	.....
Walker town.....	617	505	.....	Doon town.....	631	645	.....
Jackson township, including Coggon town.....	1,254	1,363	1,198	Elgin township, including Little Rock town.....	827	744	297
Coggon town.....	471	498	.....	Little Rock town.....	471	599	.....
Linn township.....	807	860	905	Garfield township.....	609	488	442
Maine township, including Central City town.....	1,564	1,700	1,696	Grant township.....	653	623	420
Central City town.....	558	623	467	Larchwood township, including Larchwood and Lester towns.....	1,071	1,040	521
Marion township, including Marion city.....	6,225	6,081	5,157	Larchwood town.....	454	450	.....
Marion city.....	4,400	4,109	3,094	Lester town.....	244	225	.....
Ward 1.....	1,065	.....	.....	Liberal township, including part of George town.....	731	648	469
Ward 2.....	1,175	.....	.....	George town ⁷ (part of).....	32	.....	.....
Ward 3.....	1,100	.....	.....	Total for George town ¹ in Liberal and Wheeler townships.....	606	594	.....
Ward 4.....	1,000	.....	.....	Logan township.....	556	505	322
Monroe township.....	1,081	1,328	1,251	Lyon township.....	653	543	354
Otter Creek township.....	993	933	843	Midland township.....	402	385	258
Putnam township, including Ely town.....	821	897	943	Richland township, including Inwood town.....	1,207	1,041	647
Ely town ⁴	161	.....	.....	Inwood town.....	595	477	.....
Rapids township, ⁵ coextensive with Cedar Rapids city.....	32,811	27,081	18,939	Riverside township, including part of Rock Rapids town.....	577	455	243
Cedar Rapids city.....	28,811	26,659	18,080	Rock Rapids town (part of).....	188	129	.....
Precinct 1.....	2,430	.....	.....	Total for Rock Rapids town in Riverside and Rock townships.....	2,005	1,768	1,394
Precinct 2.....	3,568	.....	.....	Rock township, including part of Rock Rapids town.....	2,207	2,059	1,690
Precinct 3.....	1,580	.....	.....	Rock Rapids town (part of).....	1,839	1,644	1,394
Precinct 4.....	4,297	.....	.....	Stouss township.....	516	440	264
Precinct 5.....	3,143	.....	.....	Wheeler township, including part of George town.....	1,155	956	619
Precinct 6.....	2,974	.....	.....	George town (part of).....	674	594	.....
Precinct 7.....	3,708	.....	.....	1,405			
Precinct 8.....	3,017	.....	.....	1,615			
Precinct 9.....	3,498	.....	.....	1,632			
Precinct 10.....	2,531	.....	.....	1,632			
Precinct 11.....	2,938	.....	.....	1,632			
Spring Grove township.....	834	1,006	950	1,632			
Washington township, including Center Point town.....	1,405	1,615	1,632	1,632			
Center Point town.....	808	674	616	1,632			

¹ Incorporated in 1905.

² Organized from part of Rapids township in 1905 and part of Clinton township annexed in 1906.

³ Part annexed to Cedar township in 1906.

⁴ Incorporated in 1903.

⁵ Part taken to form Cedar township in 1905.

⁶ Incorporated in 1902.

⁷ Returned in 1900 as in Wheeler township only.

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
Madison County	15,621	17,710	15,977	Marion County—Continued.			
Center township, coextensive with Winterset city.....	2,818	3,039	2,281	Polk township.....	555	666	659
<i>Winterset city:</i>				Red Rock township.....	693	824	1,003
Ward 1.....	1,516			Summit township.....	952	1,218	1,137
Ward 2.....	1,302			Swan township, including Swan town.....	750	940	1,055
Crawford township, including Patterson town.....	707	830	530	<i>Swan town.</i>	292	408	419
Patterson town.....	147	163	133	Union township.....	425	553	540
Douglas township.....	736	899	891	Washington township.....	830	1,043	986
Grand River township, including Macksburg town.....	763	900	937	Marshall County	30,279	29,991	25,842
Macksburg town.....	197	235	186	Bangor township.....	537	625	619
Jackson township.....	615	766	749	Eden township, including Edenville town.....	968	1,126	1,007
Jefferson township.....	648	863	804	Edenville town (Rhodes P. O.).....	445	476	
Lee township.....	497	606	593	Greencastle township, including Ferguson and Gilman towns.....	1,362	1,421	1,437
Lincoln township.....	699	798	811	Ferguson town.....	127		
Madison township, including Earlham town.....	1,459	1,424	1,061	Gilman town.....	430	465	473
Earlham town.....	749	630	302	Iowa township, including Albion town.....	771	807	795
Monroe township.....	649	737	771	Albion town.....	457	440	384
Ohio township, including Truro town.....	940	958	866	Jefferson township, including Laurel town.....	953	985	1,007
Truro town.....	310			Laurel town.....	179		
Penn township.....	698	765	773	Le Grand township, including Le Grand town.....	1,385	1,712	1,744
Scott township.....	781	900	974	Le Grand town.....	538	408	
South township, including St. Charles town.....	1,194	1,445	1,196	Liberty township, including St. Anthony town.....	879	975	873
St. Charles town.....	399	412	387	St. Anthony town.....	199	174	
Union township.....	595	770	794	Linn township.....	976	1,087	706
Walnut township, including East Peru town.....	1,135	1,113	886	Liscomb township, including Liscomb town.....	944	1,039	980
East Peru town.....	371	252		Liscomb town.....	554	533	513
Webster township.....	687	837	760	Logan township, including Melbourne town.....	1,079	1,099	948
				Melbourne town.....	433	396	
Mahaska County	29,860	34,273	28,805	Marietta township.....	732	811	825
Adams township.....	780	674	759	Marion township.....	971	893	727
Black Oak township.....	870	993	1,013	Marshall township, coextensive with Marshalltown city.....	13,374	11,544	8,914
Cedar township, including Fremont town.....	1,318	1,449	1,104	Marshalltown city: ⁶			
Fremont town.....	501	542		Ward 1.....	2,927		
East Des Moines township.....	629	1,983	1,831	Ward 2.....	5,051		
Garfield township, including Beacon town.....	1,904	3,128	2,722	Ward 3.....	5,411		
Beacon town.....	623	955	670	Ward 4.....	2,290		
Harrison township, including part of Eddyville town.....	1,103	3,129	2,068	Ward 5.....	1,685		
Eddyville town (part of).....	807	174		Minerva township, including Clemmons town.....	927	904	744
Total for Eddyville town in Harrison township, Mahaska County, and Columbia township, Wapello County.....	1,095	1,280	815	Clemmons town.....	215		
Jefferson township.....	2,585	909	745	State Center township, including State Center town.....	1,537	1,646	1,550
Lincoln township.....	415	10,136	6,808	State Center town.....	438	1,008	864
Madison township.....	760	868	764	Taylor township.....	446	497	414
Monroe township.....	799	1,038	1,070	Timber Creek township.....	976	1,165	942
Oskaloosa township, ² coextensive with Oskaloosa city.....	9,466			Vienna township.....	675	738	757
Oskaloosa city.....	9,466			Washington township.....	787	916	853
Ward 1.....	1,051	8,212	6,558				
Ward 2.....	2,289			Mills County	15,811	16,764	14,548
Ward 3.....	2,554			Anderson township, including Henderson town.....	1,163	1,195	1,079
Ward 4.....	1,977			Henderson town.....	240	204	201
Ward 5.....	1,595			Center township, including Hillsdale town.....	743	1,006	950
Pleasant Grove township, including part of Barnes City town.....	990	1,104	909	Hillsdale town.....	80	244	193
Barnes City town (part of).....	285	255		Deer Creek township.....	626	704	765
Total for Barnes City town in Pleasant Grove township, Mahaska County, and Jackson township, Poweshiek County.....	507	274		Glenwood township, including Glenwood city.....	4,682	3,728	2,727
Prairie township, including New Sharon town.....	1,980	2,146	2,044	Glenwood city.....	4,052	3,040	1,890
New Sharon town.....	1,122	1,252	1,022	Ward 1.....	2,344		
Richland township.....	1,051	1,213	1,356	Ward 2.....	964		
Scott township.....	846	942	878	Ward 3.....	714		
Spring Creek township.....	1,474	1,430	1,706	Indian Creek township, including Emerson and Hastings towns.....	1,629	1,691	1,440
Union township.....	617	989	975	Emerson town.....	478	508	404
West Des Moines township.....	662	460	385	Hastings town.....	593	404	322
White Oak township, including Rose Hill town.....	1,311	1,624	1,449	Ingraham township, including Silver City town.....	1,037	1,171	1,081
Rose Hill town.....	269	253	200	Silver City town.....	416	433	324
				Lyons township.....	646	915	822
Marion County	22,995	24,159	23,058	Malvern township, coextensive with Malvern town.....	1,154	1,166	1,003
Clay township, including Harvey town.....	1,321	1,264	1,125	Oak township.....	1,157	1,288	986
Harvey town.....	546			Plattville township, including Pacific Junction town.....	983	1,421	1,421
Dallas township.....	980	1,140	1,066	Pacific Junction town.....	501	732	744
Franklin township.....	631	789	822	Rawles township.....	864	1,046	910
Indiana township.....	775	995	1,000	St. Mary township.....	162	276	218
Knoxville township, including Knoxville city.....	5,626	5,688	5,616	Silver Creek township.....	429	496	473
Knoxville city.....	3,190	3,131	2,632	White Cloud township.....	596	687	673
Ward 1.....	1,273						
Ward 2.....	642			Mitchell County	13,435	14,916	13,399
Ward 3.....	1,275			Burr Oak township.....	548	622	616
Lake Prairie township, including Pella city.....	4,648	4,461	4,621	Cedar township.....	845	983	986
Pella city.....	3,021	2,623	2,408	Douglas township.....	645	689	695
Ward 1.....	881			East Lincoln township.....	259		
Ward 2.....	786			Jenkins township, including parts of McIntire and Riceville towns.....	1,132	1,081	860
Ward 3.....	812			McIntire town ⁸ (part of).....	69		
Ward 4.....	642			Total for McIntire town ⁸ in Jenkins and Wayne townships.....	487	487	
Liberty township, including Bussey, Hamilton, and Marysville towns.....	2,998	2,431	1,423	Riceville town (part of).....	491	465	
Bussey town.....	669	550		[For total, see Jamestown township, Howard County.]			
Hamilton town.....	391	538		Liberty township, including part of Meyer town.....	616	617	399
Marysville town.....	319	522	548	Meyer town (part of).....	46		
Perry township.....	351	553	510	Total for Meyer town ⁹ in Liberty, Stacyville, and Wayne townships.....	387		
Pleasant Grove township, including Pleasantville town.....	1,460	1,594	1,495				
Pleasantville town.....	691	738	610				

¹ Incorporated in 1902.

² Oskaloosa township organized from part of Lincoln township in 1902.

³ Incorporated in 1903.

⁴ Incorporated in 1906.

⁵ Parts of Linn township annexed to Marshalltown city in 1901, 1902, and 1903.

⁶ County totals include population (864 in 1900; 751 in 1890) of Lincoln township, taken to form East and West Lincoln townships since 1900.

⁷ Organized from part of Lincoln township in 1904.

⁸ Returned in 1900 as in Wayne township only.

⁹ Incorporated in 1901.

STATISTICS OF POPULATION.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Osceola County	8,956	8,725	5,574	Palo Alto County—Continued.			
Allison township	470	344	.....	Silver Lake township, including Ayrshire town ..	973	981	684
Baker township, including Melvin town	792	615	380	Ayrshire town	337	329	.....
Melvin town ¹	195	.....	.....	Vernon township	454	454	197
Fairview township, including Harris town	566	536	193	Walnut township, including Graettinger town ..	1,201	1,015	474
Harris town	239	217	.....	Graettinger town	559	333	.....
Jilman township, including Ashton town	1,184	1,203	903	West Bend township, including West Bend	1,199	1,216	781
Ashton town	518	513	309	town	679	338	.....
Goewey township	607	647	550	West Bend town .....	.....	.....	.....
Harrison township	534	662	393	Plymouth County	23,129	22,209	10,568
Holman township, including Sibley town	2,515	2,378	1,807	America township, including Le Mars city	4,797	4,806	4,754
Sibley town	1,330	1,239	1,090	Le Mars city	4,157	4,143	4,036
Horton township	399	374	198	Ward 1	1,636	.....	.....
Ocheyedan township, including Ocheyedan	1,098	1,098	563	Ward 2	1,115	.....	.....
town	596	599	.....	Ward 3	1,478	.....	.....
Ocheyedan town	441	470	409	Elgin township, including Struble town	1,047	922	752
Viola township	370	393	268	Struble town	827	172	.....
Wilson township .....	.....	.....	.....	Elkhorn township	591	591	486
Page County	24,002	24,187	21,341	Fredonia township	565	681	680
Amity township, ² including College Springs	1,311	1,397	1,225	Garfield township, including Kingsley town ..	1,557	1,305	1,224
town and part of Braddyville town	63	.....	.....	Kingsley town	977	720	619
Braddyville town (part of) .....	.....	.....	.....	Grant township	730	690	663
Total for Braddyville town ² in Amity and	233	236	175	Hancock township	242	219	150
Buchanan townships	693	693	491	Henry township	524	571	450
College Springs town .....	.....	.....	.....	Hungerford township, including Hinton town ..	871	839	537
Buchanan township, including part of Braddy-	532	1,065	982	Hinton town ³	329	.....	.....
ville town	220	236	175	Johnson township	626	618	656
Braddyville town (part of)	1,029	1,191	1,170	Liberty township	562	622	529
Colfax township, including Blanchard town ..	408	580	438	Lincoln township	639	673	684
Blanchard town	625	700	754	Marion township, including Oyens town	725	754	733
Douglas township	752	960	931	Oyens town	91	.....	.....
East River township	805	954	1,040	Meadow township	651	662	659
Fremont township	5,668	4,336	3,130	Perry township	532	471	358
Grant township, including Shenandoah city ..	4,973	3,573	2,440	Plymouth township, including Merrill town ..	1,067	922	586
Shenandoah city	1,239	.....	.....	Merrill town	520	389	.....
Ward 1	1,808	.....	.....	Portland township, including Akron town	1,674	1,584	936
Ward 2	1,879	.....	.....	Akron town	1,130	1,029	494
Ward 3 .....	.....	.....	.....	Preston township	594	599	565
Harlan township, including Shambaugh town ..	925	1,113	1,047	Remsen township, including Remsen town	1,765	1,560	1,271
Shambaugh town ⁴	245	.....	.....	Remsen town	1,076	835	580
Lincoln township, including Coin town	1,174	1,220	1,042	Sioux township	577	558	354
Coin town	691	674	704	Stanton township	625	725	775
Morton township	536	624	629	Union township	599	649	586
Nebraska township	453	701	.....	Washington township	658	611	720
Nodaway township, including Clarinda city and	6,297	5,840	4,732	Westfield township, including Westfield town ..	863	777	455
part of Yorktown town	3,832	3,273	3,262	Westfield town ⁵	143	.....	.....
Clarinda city	1,163	.....	.....	Pocahontas County	14,808	15,339	9,553
Ward 1	913	.....	.....	Bellyville township, including Palmer town	916	801	576
Ward 2	1,039	.....	.....	Palmer town ⁶	177	.....	.....
Ward 3	717	.....	.....	Cedar township, including Fonda town	1,559	1,770	1,069
Ward 4	194	.....	.....	Fonda town	978	1,180	625
Yorktown town (part of) .....	.....	.....	.....	Center township, ¹⁰ including Pocahontas town ..	1,073	1,171	506
Total for Yorktown town in Nodaway and	228	170	.....	Pocahontas town	937	625	.....
Tarkio townships	1,377	1,339	1,276	Clinton township, ¹¹ coextensive with Rolfe town ..	954	1,731	1,077
Pierce township, including Essex town	773	710	564	Rolfe town	964	924	529
Essex town	751	938	938	Colfax township	807	765	621
Tarkio township, including part of Yorktown	34	10	.....	Cummins township ¹²	589	.....	.....
town	772	1,003	945	Des Moines township	629	658	474
Yorktown town (part of)	110	118	75	Dover township, including Varina town	794	304	552
Valley township, including Hepburn town	797	806	796	Varina town ⁸	188	.....	.....
Hepburn town	187	.....	.....	Garfield township ¹¹	573	.....	.....
Washington township, including Northboro	.....	.....	.....	Grant township	651	695	455
town .....	.....	.....	.....	Lake township, including part of Gilmore City	734	776	490
Northboro town ⁷ .....	.....	.....	.....	town	215	204	.....
Palo Alto County	13,845	14,354	9,818	Gilmore City town (part of) .....	.....	.....	.....
Booth township	493	488	240	[For total, see Weaver township, Humboldt	.....	.....	.....
Ellington township	507	505	338	County.]	.....	.....	.....
Emmetsburg township, including wards 2 and	1,730	1,736	545	Lincoln township	609	650	396
3 of Emmetsburg city	1,879	1,254	.....	Lizard township	563	682	624
Emmetsburg city (part of) .....	.....	.....	.....	Marshall township	602	604	420
Total for Emmetsburg city in Emmetsburg	2,325	2,361	1,534	Powhatan township	382	920	643
and Freedom townships	559	.....	.....	Roosevelt township ¹⁰	477	.....	.....
Ward 1	654	.....	.....	Sherman township	624	629	341
Ward 2	625	.....	.....	Swan Lake township, including Laurens town ..	1,419	1,661	839
Ward 3	487	.....	.....	Laurens town	817	853	313
Ward 4	769	843	607	Washington township, ¹³ including Havelock	293	1,012	405
Fairfield township, including Cylinder town ..	129	118	.....	town	241	397	.....
Cylinder town	562	659	413	Havelock town .....	.....	.....	.....
Fern Valley township, including Rodman town ..	131	147	.....	Polk County	110,438	82,624	65,410
Rodman town	1,534	1,567	537	Allen township	543	641	498
Freedom township, including wards 1 and 4 of	1,046	1,107	.....	Beaver township, including Mitchellville town ..	1,363	1,352	1,236
Emmetsburg city	580	565	436	Mitchellville town	839	763	701
Emmetsburg city (part of)	1,228	1,453	1,121	Bloomfield township	2,441	907	701
Great Oak township	655	737	680	Camp township, including Runnells town	1,465	1,570	1,536
Highland township, including Ruthven town ..	592	652	395	Runnells town ⁹	423	.....	.....
Ruthven town	634	663	379	Clay township, including Altoona town	1,126	1,014	925
Independence township	343	347	295	Altoona town	423	328	326
Lost Island township	1,040	1,069	680	Crocker township, including Ankeny town	2,055	1,010	850
Nevada township .....	.....	.....	.....	Ankeny town ⁸	446	.....	.....
Rush Lake township, including Curlew and	.....	.....	.....	Polk County	110,438	82,624	65,410
Mallard towns .....	.....	.....	.....	Allen township	543	641	498
Curlew town ³ .....	.....	.....	.....	Beaver township, including Mitchellville town ..	1,363	1,352	1,236
Mallard town	351	292	.....	Mitchellville town	839	763	701

¹ Incorporated in 1900.

² Part of Amity township annexed to Braddyville town in 1903.

³ Incorporated in 1902.

⁴ County total includes population (1,584) of Emmetsburg city, returned independently in 1890.

⁵ Exclusive of population of Emmetsburg city.

⁶ Incorporated in 1908.

⁷ Incorporated in 1909.

⁸ Incorporated in 1903.

⁹ Incorporated in 1901.

¹⁰ Roosevelt township organized from part of Center township in 1905.

¹¹ Garfield township organized from part of Clinton township in 1905.

¹² Cummins township organized from part of Washington township in 1909.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Polk County—Continued.				Pottawattamie County—Continued.			
Delaware township.....	1,254	701	495	Valley township, including Hancock town.....	903	1,059	959
Des Moines township, comprising wards 1 to 4 of Des Moines city.....	54,433	38,398	20,334	Hancock town.....	250	276	167
Total for Des Moines city, coextensive with Des Moines and Lee townships.....	86,308	62,159	50,093	Washington township.....	708	781	595
Ward 1.....	17,185			Waveland township.....	691	781	742
Ward 2.....	12,009			Wright township.....	600	709	700
Ward 3.....	13,303			York township.....	568	623	690
Ward 4.....	12,026						
Ward 5.....	9,677			Poweshiek County.....			
Ward 6.....	13,128				19,589	19,414	18,394
Ward 7.....	8,530			Bear Creek township, including Brooklyn town.....	1,862	1,842	1,824
Douglas township, including part of Bondurant town.....	1,666	775	733	Brooklyn town.....	1,233	1,188	1,201
Bondurant town (part of).....	29	16		Chester township.....	553	602	679
Total for Bondurant town in Douglas and Franklin townships.....	287	297		Deep River township, including Deep River town.....	1,190	1,194	1,247
Elkhart township, including Elkhart town.....	923	938	795	Deep River town.....	467	403	281
Elkhart town.....	152			Grinnell township, including Grinnell city.....	5,550	4,691	4,066
Four Mile township.....	954	1,534	697	Grinnell city.....	6,056	5,800	5,358
Franklin township, including part of Bondurant town.....	894	957	749	Ward 1.....	1,373		
Bondurant town (part of).....	261	281		Ward 2.....	1,359		
Jefferson township, including part of Grimes town.....	843	904	732	Ward 3.....	1,094		
Grimes town (part of).....	487			Ward 4.....	1,210		
Total for Grimes town in Jefferson and Webster townships.....	783	186		Jackson township, including Montezuma town and part of Barnes City town.....	2,067	2,165	2,087
Lee township, comprising wards 5 to 7 of Des Moines city.....	31,935	23,741	20,759	Barnes City town (part of).....	22	19	
Lincoln township, including part of Sheldahl town.....	752	827	904	[For total, see Pleasant Grove township, Mahaska County.]			
Sheldahl town (part of).....	70	93		Montezuma town.....	1,172	1,210	1,062
[For total, see Garden township, Boone County.]				Jefferson township.....	809	962	916
Madison township, including Polk City town and part of Sheldahl town.....	1,220	1,554	1,501	Lincoln township, including Guernsey town.....	866	884	881
Polk City town.....	810	498	448	Guernsey town.....	745		
Sheldahl town (part of).....	23			Madison township.....	603	646	736
Saylor township.....	1,100	1,303	518	Malcom township, including Malcom town.....	908	1,020	1,010
Valley township, coextensive with Valley Junction city.....	2,573			Malcom town.....	377	404	372
Valley Junction city.....	2,573	1,700		Pleasant township.....	635	676	674
Ward 1.....	653			Scott township.....	573	653	697
Ward 2.....	913			Sheridan township.....	613	635	707
Ward 3.....	1,007			Sugar Creek township, including Searsboro town.....	987	1,107	982
Walnut township.....	1,019	2,500	701	Searsboro town.....	226	203	163
Washington township.....	750	829	818	Union township.....	600	700	571
Webster township, including part of Grimes town.....	1,074	1,019	868	Warren township, including part of Victor town.....	844	910	780
Grimes town (part of).....	246	189		Victor town (part of).....	101	119	90
				[For total, see Hartford township, Iowa County.]			
Pottawattamie County.....				Washington township.....	629	747	637
	55,832	54,336	47,430		12,904	15,325	13,556
Bellmap township, including Oakland town.....	1,539	1,541	1,104	Athens township, including Kellerton town.....	1,114	1,254	1,041
Oakland town.....	1,105	919	630	Kellerton town.....	608	458	277
Boomer township.....	610	1,022	914	Benton township, including Maloy town and part of Benton town.....	737	877	749
Carson township, including Carson town.....	1,036	1,219	924	Benton town (part of).....	160		
Carson town.....	640	632	391	Total for Benton town in Benton and Rice townships.....	191	192	
Center township.....	630	702	752	Maloy town.....	127		
Creseent township.....	781	963	500	Clinton township, including Redding town.....	769	892	795
Garner township.....	1,590	1,555	1,228	Redding town.....	269	311	214
Grove township.....	695	845	920	Grant township, including part of Clearfield town.....	574	749	780
Hardin township, including McClelland town.....	875	792	722	Clearfield town (part of).....	0		
McClelland town.....	154			Total for Clearfield town in Grant township, Ringgold County, and Grant township, Taylor County.....	625	698	452
Hazel Dell township.....	689	1,101	1,092	Jefferson township, including Knowlton town and parts of Diagonal and Shannon City towns.....	795	1,023	936
James township.....	652	734	788	Diagonal town (part of).....	14		
Kane township, including Council Bluffs city.....	29,500	25,932	21,474	Total for Diagonal town in Jefferson and Washington townships.....	509	583	
Council Bluffs city.....	29,293	26,308	21,474	Knowlton town.....	193	297	
Ward 1.....	6,308			Shannon City town (part of).....	29	56	
Ward 2.....	4,025			Total for Shannon City town in Jefferson township, Ringgold County, and Grant township, Union County.....	262	380	
Ward 3.....	4,193			Liberty township.....	585	744	658
Ward 4.....	3,519			Lincoln township.....	561	715	730
Ward 5.....	6,269			Lotts Creek township.....	591	675	657
Ward 6.....	5,078			Middle Fork township.....	470	603	716
Keg Creek township.....	712	757	712	Monroe township, including Beaconsfield town.....	736	933	772
Knox township, including Avoca town.....	2,142	2,265	2,231	Beaconsfield town.....	148	177	
Avoca town.....	1,520	1,687		Mount Ayr township, coextensive with Mount Ayr town.....	1,046	1,729	1,265
Layton township, including Walnut town.....	1,428	1,491	1,499	Ayr town.....	488	600	542
Walnut town.....	850	878	871	Poe township.....	676	871	740
Lewis township.....	1,201	1,408	834	Rice township, including part of Benton town.....	376	511	475
Lincoln township.....	586	661	688	Benton town (part of).....	955	1,101	901
Macedonia township, including Macedonia town.....	813	784	802	Tingley township, including Tingley town.....	360	438	295
Macedonia town.....	367	295		Tingley town.....	702	941	890
Minden township, including Minden town.....	1,176	1,115	1,043	Union township, including Ellston town.....	206	242	
Minden town.....	423	323	287	Ellston town.....			
Neola township, including Neola town.....	1,710	1,719	1,667	Washington township, including part of Diagonal town.....	1,089	1,125	909
Neola town.....	920	921	917	Diagonal town (part of).....	495	583	
Norwalk township, including Underwood town.....	1,009	1,151	1,011				
Underwood town.....	271						
Pleasant township.....	592	729	781				
Rockford township.....	944	1,055	974				
Silver Creek township, including Treynor town.....	717	752	713				
Treynor town.....	122						

1 Incorporated in 1904.
 2 Returned in 1900 as in Webster township only.
 3 Valley township organized from part of Walnut township in 1906.
 4 Incorporated as a city in 1906.
 5 Incorporated in 1902.
 6 Incorporated in 1906.

7 County total includes population (192) of Benton town, returned independently in 1900.
 8 Exclusive of population of Benton town.
 9 Incorporated in 1901.
 10 Returned in 1900 as in Grant township, Taylor County, only.
 11 Returned in 1900 as in Washington township only.

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
Sac County	16,555	17,639	14,522	Shelby County—Continued.			
Boyer Valley township, including Early town.....	1,173	1,338	974	Harlan township, coextensive with Harlan city.....	2,570	2,422	2,536
<i>Early town</i>	600	579	277	<i>Harlan city</i>	2,570	2,422	1,768
Cedar township.....	817	608	601	<i>Ward 1</i>	629		
Clinton township.....	591	721	695	<i>Ward 2</i>	810		
Cook township.....	635	703	619	<i>Ward 3</i>	597		
Coon Valley township.....	723	789	748	<i>Ward 4</i>	600		
Delaware township.....	652	715	533	Jackson township.....	830	906	1,009
Douglas township.....	558	556	462	Jefferson township, including part of Irwin town.....	617	1,042	903
Eden township.....	518	586	619	<i>Irwin town (part of)</i>	551	551	
Eureka township, including Schaller town.....	1,166	1,312	936	Lincoln township.....	614	725	935
<i>Schaller town</i>	646	661	535	Monroe township.....	776	894	932
Jackson township, including Sac City.....	2,785	2,658	1,703	Polk township.....	802	835	809
<i>Sac City</i> ¹	2,201	2,079	1,249	Shelby township, including Shelby town.....	1,539	1,443	1,457
<i>Ward 1</i>	382			<i>Shelby town</i>	653	632	632
<i>Ward 2</i>	780			Union township, including Defiance town.....	1,110	1,200	1,212
<i>Ward 3</i>	402			<i>Defiance town</i>	411	537	525
<i>Ward 4</i>	608			Washington township, including Panama town.....	843	931	952
Levey township, including part of Wall Lake town.....	1,004	1,202	1,163	<i>Panama town</i>	552	621	579
<i>Wall Lake town (part of)</i>	436	518	406	Westphalia township, including Earling town.....	1,103	1,357	1,245
<i>Total for Wall Lake town in Levey and Viola townships</i>	561	659	439	<i>Earling town</i>	533	340	
Richland township, including Odebolt town.....	1,879	2,074	1,742	Sioux County	25,248	23,837	18,370
<i>Odebolt town</i>	1,233	1,432	1,122	Buncombe township, including wards 1 and 2 of Hawarden town.....	1,365	1,063	849
Sac township, including Auburn and Grant City towns.....	1,225	1,221	920	<i>Hawarden town (part of)</i>	1,210	951	128
<i>Auburn town</i>	599	523	174	<i>Total for Hawarden town in Buncombe and Logan townships</i>	2,107	1,810	744
<i>Grant City town</i>	162	249		<i>Ward 1</i>	436		
Viola township, including part of Wall Lake town.....	929	994	850	<i>Ward 2</i>	764		
<i>Wall Lake town (part of)</i>	126	141	34	<i>Ward 3</i>	897		
Wall Lake township, including Lake View town.....	1,209	1,355	1,098	Capel township.....	888	749	596
<i>Lake View town</i>	514	591	368	Center township.....	607	570	500
Wheeler township.....	631	767	749	Eagle township.....	500	535	354
Scott County	60,000	51,558	43,164	East Orange township, including Granville town.....	1,011	1,005	805
Allen Grove township, including Donahue town and part of Dixon city.....	777	797	881	<i>Granville town</i>	450	351	
<i>Dixon city (part of)</i>	113			Floyd township, including Hoppers town.....	1,450	1,201	992
<i>Total for Dixon city² in Allen Grove and Liberty townships</i>	198			<i>Hoppers town</i>	681	416	
<i>Donahue town³</i>	64			Garfield township.....	587	425	265
Blue Grass township, including Walcott town and part of Blue Grass town.....	1,396	1,307	1,336	Grant township, including Matlock town.....	731	720	517
<i>Blue Grass town (part of)</i>	100			<i>Matlock town</i>	116	84	
<i>Total for Blue Grass town³ in Blue Grass and Buffalo townships</i>	223			Holland township, including Orange City town.....	2,394	2,423	2,208
<i>Walcott town</i>	416	302		<i>Orange City town</i>	1,374	1,457	1,246
Buffalo township, including Buffalo town and part of Blue Grass town.....	1,272	1,328	1,439	Lincoln township, including Hull town.....	1,023	1,453	1,266
<i>Blue Grass town (part of)</i>	123			<i>Hull town</i>	658	620	668
<i>Buffalo town</i>	456	572	879	Logan township, including Chatsworth town and ward 3 of Hawarden town.....	1,299	1,253	789
Butler township, including McCausland town.....	858	912	854	<i>Chatsworth town⁵</i>	131		
<i>McCausland town²</i>	109			<i>Hawarden town (part of)</i>	897	859	616
Cleona township.....	728	775	766	Lynn township.....	677	703	520
Davenport township, including Bettendorf town.....	3,637	2,620	2,303	Nassau township, including Alton town.....	1,967	1,908	1,562
<i>Bettendorf town⁵</i>	809			<i>Alton town</i>	1,040	1,009	708
Davenport City township, coextensive with Davenport city.....	43,028	35,254	26,872	Plato township.....	785	689	459
<i>Davenport city:</i> ⁴				Reading township, including Ireton town.....	1,231	1,162	1,133
<i>Ward 1</i>	6,233			<i>Ireton town</i>	631	545	412
<i>Ward 2</i>	7,739			Rock township, including Rock Valley town.....	1,786	1,645	1,015
<i>Ward 3</i>	7,041			<i>Rock Valley town</i>	1,198	1,054	542
<i>Ward 4</i>	6,662			Settlers township.....	216	244	571
<i>Ward 5</i>	7,111			Sheridan township, including Boyden town.....	1,159	1,030	922
<i>Ward 6</i>	7,445			<i>Boyden town</i>	364	336	277
Hickory Grove township, including Maysville town.....	810	927	1,142	Sherman township, including Maurice town.....	956	940	941
<i>Maysville town⁵</i>	55			<i>Maurice town</i>	290	280	
Le Claire township, including Le Claire town.....	1,340	1,703	1,604	Sioux township.....	615	621	
<i>Le Claire town</i>	690	937	906	Washington township.....	602	593	542
Liberty township, including New Liberty town and part of Dixon city.....	926	979	1,047	Welcome township, including part of Sioux Center town.....	878	763	582
<i>Dixon city (part of)</i>	35			<i>Sioux Center town (part of)</i>	56	56	
<i>New Liberty town²</i>	83			<i>Total for Sioux Center town in Welcome and West Branch townships</i>	1,064	810	
Lincoln township.....	657	753	812	West Branch township, including part of Sioux Center town.....	1,791	1,571	952
Pleasant Valley township.....	874	808	767	<i>Sioux Center town (part of)</i>	1,008	774	
Princeton township, including Princeton town.....	917	972	1,032	Story County	24,083	23,159	18,127
<i>Princeton town</i>	379	456	398	Collins township, including Collins town.....	1,128	1,253	1,044
Rockingham township.....	833	403	261	<i>Collins town</i>	631	540	
Sheridan township, including Eldridge town.....	1,109	1,140	1,145	Franklin township, including Gilbert town.....	1,119	1,075	972
<i>Eldridge town</i>	217	207	145	<i>Gilbert town⁵</i>	235		
Winfield township.....	838	880	903	Grant township.....	725	726	634
Shelby County	16,552	17,932	17,611	Howard township, including Roland town.....	1,395	1,421	1,127
Cass township, including Portsmouth town.....	987	1,073	1,025	<i>Roland town</i>	641	657	
<i>Portsmouth town</i>	347	310	260	Indian Creek township, including Maxwell town.....	1,550	1,666	1,326
Center township.....	620	740	740	<i>Maxwell town</i>	754	810	455
Clay township.....	1,202	1,147	1,080	Lafayette township, including Story City town.....	1,993	1,955	1,334
Douglas township, including Kirkman town.....	802	857	925	<i>Story City town</i>	1,387	1,197	536
<i>Kirkman town</i>	180	205		Lincoln township, including Zearing town.....	1,039	1,070	827
Fairview township.....	633	772	873	<i>Zearing town</i>	461	383	242
Greeley township, including part of Irwin town.....	653	81	887	Milford township.....	745	823	732
<i>Irwin town (part of)</i>	27			Nevada township, including Nevada city.....	2,680	3,074	2,237
<i>Total for Irwin town in Greeley and Jefferson townships</i>	278	295		<i>Nevada city</i>	2,133	2,472	1,693
Grove township.....	744	798	721	<i>Ward 1</i>	604		
				<i>Ward 2</i>	479		
				<i>Ward 3</i>	490		
				<i>Ward 4</i>	565		
				New Albany township, including Colo town.....	1,108	1,123	965
				<i>Colo town</i>	483	391	261

¹ Incorporated as a city in 1901.
² Incorporated in 1909.
³ Incorporated in 1903.

⁴ Part of Davenport township annexed to Davenport city in 1903.
⁵ Incorporated in 1900.
⁶ Incorporated in 1904.

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
Story County—Continued.				Taylor County—Continued.			
Palestine township, including Huxley and Slater towns and parts of Kelley and Sheldahl towns.....	1,819	1,062	1,436	Jefferson township, including Athelstan and Blockton towns.....	1,292	1,642	735
Huxley town.....	336			Athelstan town.....	148	255	
Kelley town (part of).....	84	57		Blockton town.....	648	704	
Total for Kelley town in Palestine and Washington townships.....	231	187		Marshall township, including Conway and Sharpsburg towns.....	1,105	1,169	1,200
Sheldahl town (part of).....	74	81		Conway town.....	283	343	379
[For total, see Garden township, Boone County.]				Sharpsburg town ⁵	181		
Slater town.....	478	426		Mason township.....	638	807	806
Richland township.....	609	656	588	Nodaway township.....	786	1,129	935
Sherman township.....	563	623	561	Platte township, including Lenox town.....	1,952	1,913	1,495
Union township, including Cambridge town.....	1,328	1,521	1,219	Lenox town.....	1,274	1,014	1,496
Cambridge town.....	606	687	452	Polk township.....	694	825	780
Warren township, including McCallsburg town.....	1,023	1,030	666	Ross township.....	658	679	706
McCallsburg town ²	309			Washington township, including Gravity town.....	1,238	1,512	1,135
Washington township, including Ames city and part of Kelley town.....	5,169	3,471	2,409	Gravity town.....	475	549	210
Ames city.....	4,225	2,422	1,276				
Ward 1.....	820			Union County.....	16,616	19,928	16,900
Ward 2.....	4,305			Creston township, coextensive with Creston city.....	6,924	7,752	7,200
Ward 3.....	999			Creston city:			
Ward 4.....	934			Ward 1.....	1,527		
Kelley town (part of).....	137	130		Ward 2.....	1,637		
				Ward 3.....	1,205		
				Ward 4.....	1,045		
				Ward 5.....	1,512		
Tama County.....	22,156	24,585	21,651	Dodge township.....	603	792	599
Buckingham township.....	537	547	580	Douglas township, including Cromwell town.....	743	754	804
Carlton township, including Garwin town.....	1,133	1,320	1,044	Cromwell town.....	208	208	
Garwin town.....	425	470		Grant township, including part of Shannon City town.....	870	1,062	768
Carroll township.....	628	794	808	Shannon City town (part of).....	263	324	
Clark township, including Dysart town.....	1,392	1,462	1,338	[For total, see Jefferson township, Ringgold County.]			
Dysart town.....	906	902	775	Highland township.....	527	803	597
Columbia township.....	611	711	725	Jones township, including Thayer town.....	880	1,399	785
Crystal township.....	611	695	650	Thayer town.....	198	394	
Geneseo township.....	547	521	568	Lincoln township.....	626	771	779
Grant township.....	628	673	610	New Hope township, including Lorimor town.....	1,214	1,284	836
Highland township.....	621	620	622	Lorimor town.....	645	637	
Howard township.....	666	703	706	Platte township, including Kent town.....	733	895	800
Indian Village township, including Montour town and part of Sac and Fox Indian Reservation.....	1,197	1,239	1,128	Kent town ¹	163		
Montour town.....	383	502	409	Pleasant township.....	552	738	639
Sac and Fox Indian Reservation (part of).....	107			Sand Creek township, including Arispe town.....	710	757	621
Total for Sac and Fox Indian Reservation in Indian Village, Tama, and Toledo townships.....	289	385		Arispe town ⁶	165		
Lincoln township.....	790	794	744	Spaulding township.....	589	757	671
Onelda township, including Clutier town.....	760	726	773	Union township, including Afton town.....	1,639	2,134	1,741
Clutier town ³	186			Afton town.....	1,014	1,178	1,045
Otter Creek township.....	736	817	903				
Perry township, including Traer town.....	1,888	2,074	1,652	Van Buren County.....	15,020	17,354	16,253
Traer town.....	1,283	1,453	1,014	Bonaparte township, including Bonaparte town.....	991	1,380	1,233
Richland township.....	607	742	707	Bonaparte town.....	597	898	762
Salt Creek township, including Chelsea town.....	1,255	1,277	1,065	Cedar township, including part of Stockport town.....	918	938	875
Chelsea town.....	507	419	313	Stockport town (part of).....	112		
Spring Creek township, including Gladbrook town.....	1,543	1,603	1,376	Total for Stockport town ¹ in Cedar and Union townships.....	265		
Gladbrook town.....	369	348	556	Chequest township.....	752	797	815
Tama township, including Tama city and part of Sac and Fox Indian Reservation.....	2,543	4,272	1,926	Des Moines township.....	769	895	888
Sac and Fox Indian Reservation (part of).....	165			Farmington township, including Farmington town.....	1,684	1,981	1,641
Tama city.....	2,200	2,649	1,741	Farmington town.....	1,155	1,532	1,609
Ward 1.....	682			Harrisburg township.....	697	837	920
Ward 2.....	331			Henry township.....	398	503	494
Ward 3.....	787			Jackson township, including Cantril and Milton towns.....	2,128	2,142	1,923
Toledo township, including Toledo city and part of Sac and Fox Indian Reservation.....	2,281	4,572	2,303	Cantril town.....	445	556	559
Sac and Fox Indian Reservation (part of).....	17			Milton town.....	913	849	643
Toledo city.....	1,626	1,941	1,336	Lick Creek township, including part of Birmingham town.....	980	1,063	961
Ward 1.....	653			Birmingham town ¹ (part of).....	64		
Ward 2.....	382			Total for Birmingham town ¹ in Lick Creek and Union townships.....	572	622	545
Ward 3.....	591			Union township, including parts of Birmingham and Stockport towns.....	1,305	1,498	1,317
York township, including Elberon town.....	1,177	1,439	1,207	Birmingham town (part of).....	503	622	545
Elberon town.....	336	544		Stockport town (part of).....	153		
				Van Buren township, including Keosauqua town.....	1,985	2,241	2,041
Taylor County.....	16,312	18,784	16,384	Keosauqua town.....	1,009	1,117	831
Bedford township, including Bedford city.....	2,029	2,255	1,895	Vernon township, including Mount Sterling town.....	755	861	854
Bedford city.....	1,383	1,977	1,643	Mount Sterling town ²	232		
Ward 1.....	585			Village township.....	1,204	1,525	1,404
Ward 2.....	350			Washington township, including Bentonsport town.....	504	693	692
Ward 3.....	523			Bentonsport town.....	141	254	283
Benton township.....	431	453	468				
Clayton township.....	504	645	632	Wapello County.....	37,743	35,426	30,426
Dallas township, including New Market town.....	1,558	1,724	1,291	Adams township, including Blakesburg town.....	1,114	1,155	1,183
New Market town.....	673	600	320	Blakesburg town ³	344		
Gay township.....	527	605	1,022	Agency township, including Agency town.....	380	1,085	972
Grant township, including part of Clearfield town.....	1,148	1,304	1,169	Agency town.....	322	408	442
Clearfield town (part of).....	619	698	452				
[For total, see Grant township, Ringgold County.]							
Grove township.....	604	776	791				
Holt township.....	675	784	811				
Jackson township.....	473	562	542				

¹ Incorporated in 1903.

² Incorporated in 1901.

³ County total includes population (335) of Sac and Fox Indian Reservation, not returned by townships in 1900.

⁴ Exclusive of population of Sac and Fox Indian Reservation.

⁵ Incorporated in 1905.

⁶ Incorporated in 1904.

⁷ Returned in 1900 as in Union township only.

⁸ Incorporated in 1907.

⁹ Incorporated 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
Winneshiek County	11,914	12,725	7,325	Woodbury County—Continued.			
Buffalo township, including Buffalo Center town.....	1,251	1,353	152	Oto township, including Oto town.....	966	1,099	904
<i>Buffalo Center town</i>	763	875		<i>Oto town</i>	268	396	247
Center township, including Lake Mills town.....	1,843	2,299	1,493	Rock township, including Cushing town and part of Correctionville town.....	1,144	1,296	1,010
<i>Lake Mills town</i>	1,214	1,293	604	<i>Correctionville town (part of)</i>	301	349	322
Eden township.....	572	551	246	<i>Cushing town</i>	254	237	
Forest township, including Forest City and Leland towns.....	2,521	2,586	1,090	Rutland township, including Pierson town.....	941	1,048	850
<i>Forest City town</i>	1,691	1,758	895	<i>Pierson town</i>	410	353	
<i>Leland town</i>	188	216		Sloux City.....	47,828	33,111	37,806
Grant township.....	586	614	218	<i>Ward 1</i>	6,319		
King township, including Thompson town.....	1,053	935	210	<i>Ward 2</i>	4,403		
<i>Thompson town</i>	500	450		<i>Ward 3</i>	12,666		
Lincoln township, including Itake town.....	630	628	253	<i>Ward 4</i>	5,709		
<i>Itake town</i> ¹	103			<i>Ward 5</i>	5,353		
Linden township.....	561	624	408	<i>Ward 6</i>	6,540		
Logan township, including part of Scarville town.....	553	569	424	<i>Ward 7</i>	4,969		
<i>Scarville town (part of)</i>	30			<i>Ward 8</i>	1,409		
<i>Total for Scarville town² in Logan and Norway townships</i>	129			Sloan township, including Sloan town.....	973	1,232	540
Mount Valley township.....	952	1,049	944	<i>Sloan town</i>	547	643	449
Newton township.....	701	701	508	Union township, including part of Correctionville town.....	1,046	1,064	1,066
Norway township, including part of Scarville town.....	685	810	740	<i>Correctionville town (part of)</i>	473	445	381
<i>Scarville town (part of)</i>	39			West Fork township.....	762	825	622
				Willow township, including Hornick town.....	875	984	717
				<i>Hornick town</i>	245	284	
				Wolf Creek township.....	605	661	682
				Woodbury township, including Sargent Bluff town.....	1,220	1,160	887
				<i>Sargent Bluff town</i>	525	(7)	425
Winneshiek County	21,729	23,731	22,628	Worth County	9,950	10,887	9,247
Bloomfield township, including Castalia town.....	939	1,038	1,005	Barton township.....	607	699	598
<i>Castalia town</i> ³	230			Bristol township.....	828	876	792
Bluffton township.....	632	686	728	Brookfield township.....	698	757	703
Burr Oak township.....	601	825	731	Danville township, including part of Hanlontown town.....	703	731	678
Calmar township, including Calmar and Spillville towns.....	1,918	2,207	2,074	<i>Hanlontown town (part of)</i>	70		
<i>Calmar town</i>	849	1,003	813	<i>Total for Hanlontown town⁴ in Danville and Fertile townships</i>	120		
<i>Spillville town</i>	820	556		Deer Creek township.....	510	660	417
Canoe township.....	826	961	861	Fertile township, including Fertile town and part of Hanlontown town.....	895	982	901
Decorah township, including Decorah city.....	4,341	4,708	4,119	<i>Fertile town</i> ¹	207		
<i>Decorah city</i> ⁴	3,502	3,246	2,301	<i>Hanlontown town (part of)</i>	69		
<i>Ward 1</i>	778			Grove township, ⁵ including Northwood town.....	1,070	1,747	1,385
<i>Ward 2</i>	495			<i>Northwood town</i>	1,264	1,271	859
<i>Ward 3</i>	535			Hartland township.....	594	659	606
<i>Ward 4</i>	1,197			Kensett township, including Kensett town.....	855	1,009	689
<i>Ward 5</i>	539			<i>Kensett town</i>	300	469	
Frankville township.....	874	901	913	Lincoln township, including Manly town.....	997	1,032	862
Fremont township.....	619	671	641	<i>Manly town</i>	346	359	
Glenwood township.....	871	1,023	1,035	Silver Lake township.....	653	662	638
Hesper township.....	823	882	840	Union township, including Grafton town.....	940	1,023	978
Highland township.....	785	829	803	<i>Grafton town</i>	183	156	
Jackson township, including Jackson Junction town.....	638	737	704	Wright County	17,961	18,227	12,037
<i>Jackson Junction town</i>	160	171		Belmond township, including part of Belmond city.....	775	785	625
Lincoln township, including Ridgeway town.....	989	1,053	965	<i>Belmond city (part of)</i>	100	153	81
<i>Ridgeway town</i>	354	371		<i>Total for Belmond city in Belmond and Pleasant townships</i>	1,224	1,234	803
Madison township.....	754	802	675	Blaine township, including part of Dows town.....	1,440	1,413	865
Military township, including Ossian town.....	1,583	1,656	1,611	<i>Dows town (part of)</i>	635	626	
<i>Ossian town</i>	749	670	609	[For total, see Morgan township, Franklin County.]			
Orleans township.....	550	594	553	Boone township.....	504	554	348
Pleasant township.....	886	961	863	Clarion township, coextensive with Clarion city.....	2,065	1,475	1,071
Springfield township.....	935	1,057	1,087	<i>Clarion city</i>	2,065	1,475	744
Sumner township.....	748	790	800	Dayton township.....	525	653	520
Washington township, including Fort Atkinson town.....	1,357	1,350	1,435	Eaglegrove township, including Eaglegrove city and part of Goldfield city.....	3,928	4,120	2,355
<i>Fort Atkinson town</i>	239	264	480	<i>Eaglegrove city</i>	3,387	3,567	1,321
				<i>Ward 1</i>	714		
				<i>Ward 2</i>	570		
				<i>Ward 3</i>	932		
				<i>Ward 4</i>	1,112		
				<i>Goldfield city (part of)</i>	0	8	
				<i>Total for Goldfield city in Eaglegrove and Liberty townships</i>	618	622	343
Woodbury County	67,616	54,610	55,632	Grant township.....	484	474	
Arlington township, including Moville town.....	1,161	1,109	833	Iowa township, including Rowan town.....	878	737	537
<i>Moville town</i>	558	507	295	<i>Rowan town</i> ⁶	230		
Banner township, including Lawton town.....	772	644	459	Lake township.....	586	646	376
<i>Lawton town</i> ⁷	133			Liberty township, including part of Goldfield city.....	1,230	1,335	828
Concord township.....	651	615	478	<i>Goldfield city (part of)</i>	612	630	545
Floyd township.....	776	650	475	Lincoln township.....	590	679	520
Grange township.....	367	483	343	Norway township.....	744	760	452
Grant township.....	697	784	684	Pleasant township, including part of Belmond city.....	1,716	1,807	1,240
Kedron township, including parts of Anthon and Correctionville towns.....	1,200	1,215	927	<i>Belmond city (part of)</i>	1,064	1,076	722
<i>Anthon town (part of)</i>	552	437		Troy township.....	554	657	541
<i>Total for Anthon town⁸ in Kedron and Miller townships</i>	635	437		Vernon township.....	550	612	418
<i>Correctionville town (part of)</i>	120	141	160	Wall Lake township.....	517	512	758
<i>Total for Correctionville town in Kedron, Rock, and Union townships</i>	893	955	369	Woolstock township, including Woolstock city.....	864	923	
Lakeport township.....	351	680	749	<i>Woolstock city</i>	264	274	
Liberty township, including Salix town.....	1,201	1,414	1,168				
<i>Salix town</i>	330	337					
Liston township, including Danbury town.....	1,255	1,394	1,090				
<i>Danbury town</i>	558	420	423				
Little Sioux township, including Smithland town.....	969	1,206	968				
<i>Smithland town</i>	354	455	560				
Miller township, including part of Anthon town.....	660	661	476				
<i>Anthon town (part of)</i>	83						
Morgan township.....	604	693	661				
Moville township.....	592	572	495				

¹ Incorporated in 1908.

² Incorporated in 1904.

³ Incorporated in 1901.

⁴ Part of Decorah township (West Decorah town) annexed to Decorah city in 1902.

⁵ County total includes population (413) of that part of Sloux City township annexed to Sloux City between 1890 and 1900.

⁶ Returned in 1900 as in Kedron township only.

⁷ Not returned separately in 1900.

⁸ Incorporated in 1902.

⁹ Name changed from Northwood in 1902.

STATISTICS OF POPULATION.

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

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Ackley town.....	Hardin.....	1,244	1,445	1,286	Brayton town.....	Audubon.....	137	141	124
Ackworth town.....	Warren.....	119	134	.....	Breda town.....	Carroll.....	374	395	266
Adair town.....	Adair.....	900	879	722	Bridgewater town.....	Adair.....	365	.....	.....
Adel town.....	Dallas.....	1,289	1,213	995	Brighton city.....	Washington.....	776	807	861
Afton town.....	Union.....	1,014	1,173	1,045	Bristow town.....	Butler.....	291	317	257
Agency town.....	Wapello.....	322	408	442	Britt town.....	Hancock.....	1,303	1,540	818
Ainsworth town.....	Washington.....	408	404	.....	Brooklyn town.....	Poweshiek.....	1,233	1,188	1,202
Akron town.....	Plymouth.....	1,130	1,029	494	Buck Grove town.....	Crawford.....	87	.....	.....
Albert City town.....	Buena Vista.....	261	.....	.....	Buckeye town.....	Hardin.....	140	.....	.....
Albia city.....	Monroe.....	4,969	2,889	2,359	Buffalo town.....	Scott.....	456	372	379
Albion town.....	Marshall.....	457	440	384	Buffalo Center town.....	Winnebago.....	753	875	.....
Alden town.....	Hardin.....	699	709	512	Burlington city.....	Des Moines.....	24,324	23,201	22,565
Alexander town.....	Franklin.....	262	.....	.....	Burt town.....	Kossuth.....	495	504	.....
Algona city.....	Kossuth.....	2,908	2,911	2,068	Bussey town.....	Marion.....	669	550	.....
Allerton town.....	Wayne.....	862	950	807	Calamus town.....	Clinton.....	270	257	216
Allison town.....	Butler.....	495	463	.....	Callender town.....	Webster.....	321	399	.....
Alta town.....	Buena Vista.....	959	861	768	Calmar town.....	Winneshiek.....	849	1,003	813
Alta Vista town.....	Chickasaw.....	356	179	.....	Calumet town.....	O'Brien.....	242	113	.....
Alton town.....	Sioux.....	1,046	1,009	708	Camanche town.....	Clinton.....	629	713	753
Altoona town.....	Polk.....	438	328	326	Cambridge town.....	Story.....	696	667	432
Alvord town.....	Lyon.....	283	249	.....	Cantril town.....	Van Buren.....	445	356	356
Ames city.....	Story.....	4,223	2,422	1,276	Carbon town.....	Adams.....	246	.....	.....
Anamosa city.....	Jones.....	2,983	2,891	2,078	Carlisle town.....	Warren.....	692	553	.....
Anover town.....	Clinton.....	51	.....	.....	Carlsie city.....	Mitchell.....	121	.....	.....
Andrew town.....	Jackson.....	307	273	307	Carpenter town.....	Carroll.....	3,546	2,882	2,448
Angus town.....	Boona.....	248	333	704	Carroll city.....	Carroll.....	.....	.....	.....
Anita town.....	Cass.....	1,118	968	695	Carson town.....	Pottawattamie.....	640	632	391
Ankeny town.....	Polk.....	445	.....	.....	Cascade town.....	Dubuque.....	1,268	1,266	955
Anthon town.....	Woodbury.....	635	437	.....	Casey town.....	Jones.....	.....	.....	.....
Applington town.....	Butler.....	448	427	427	Casey town.....	Adair.....	735	568	452
Arcadia town.....	Carroll.....	390	405	463	Casey town.....	Guthrie.....	.....	.....	.....
Archer town.....	O'Brien.....	351	.....	.....	Castalia town.....	Winneshiek.....	230	.....	.....
Arlon town.....	Crawford.....	168	192	.....	Castana town.....	Monona.....	364	355	.....
Arispe town.....	Union.....	155	.....	.....	Cedar Falls city.....	Blackhawk.....	5,012	5,319	3,459
Arlington town.....	Fayette.....	678	863	593	Cedar Rapids city.....	Linn.....	32,811	25,656	18,020
Armstrong town.....	Emmet.....	586	907	.....	Center Junction town.....	Jones.....	199	255	210
Arnolds Park town.....	Dickinson.....	273	251	.....	Center Point town.....	Linn.....	802	674	615
Arthur town.....	Ida.....	215	102	.....	Centerville city.....	Appanoose.....	6,936	5,256	3,668
Ashton town.....	Osceola.....	518	513	309	Central City town.....	Linn.....	558	623	467
Atalissa town.....	Muscatine.....	220	.....	.....	Central City town.....	Lucas.....	3,794	3,989	3,122
Athelstan town.....	Taylor.....	148	255	.....	Chariton city.....	Floyd.....	5,892	4,227	2,802
Atlantic city.....	Cass.....	4,500	5,046	4,351	Charles City.....	Clinton.....	356	.....	.....
Auburn town.....	Sac.....	399	293	174	Charlotte town.....	Crawford.....	734	772	567
Audubon town.....	Audubon.....	1,928	1,866	1,310	Charter Oak town.....	Sioux.....	131	.....	.....
Aurelia town.....	Cherokee.....	625	621	663	Chatsworth town.....	Tama.....	507	419	318
Aurora town.....	Buchanan.....	287	331	.....	Chelsea town.....	Cherokee.....	4,834	3,865	3,441
Avoca town.....	Pottawattamie.....	1,520	1,627	.....	Cherokee city.....	Howard.....	266	.....	.....
Ayrshire town.....	Palo Alto.....	337	329	.....	Chester town.....	Wapello.....	181	216	214
Badger town.....	Webster.....	212	240	.....	Chillicothe town.....	Greene.....	667	626	377
Badley town.....	Guthrie.....	488	355	.....	Churdan town.....	Appanoose.....	1,355	1,212	432
Balley town.....	Mitchell.....	226	.....	.....	Cincinnati town.....	Appanoose.....	.....	.....	.....
Baldwin town.....	Jackson.....	229	254	227	Clare town.....	Webster.....	290	374	.....
Bancroft town.....	Kossuth.....	830	839	657	Clarence town.....	Cedar.....	662	675	629
Barnes City town.....	Mahaska.....	307	274	.....	Clarence town.....	Page.....	3,832	3,276	3,262
Barnum town.....	Poweshiek.....	154	175	.....	Clarin city.....	Wright.....	2,065	1,475	744
Bassett town.....	Webster.....	130	149	.....	Clarion city.....	Butler.....	895	849	735
Batavia town.....	Chickasaw.....	.....	.....	.....	Clarks ville town.....	Clarks ville town.....	.....	.....	.....
Battle Creek town.....	Jefferson.....	560	533	307	Clayton town.....	Clayton.....	145	.....	.....
Baxter town.....	Ida.....	527	542	387	Clear Lake town.....	Cerro Gordo.....	2,014	1,706	1,130
Bayard town.....	Jasper.....	527	427	.....	Clearfield town.....	Ringgold.....	625	698	452
Beacon town.....	Guthrie.....	539	494	348	Cleghorn town.....	Taylor.....	186	.....	.....
Beaconsfield town.....	Mahaska.....	623	953	570	Clemons town.....	Cherokee.....	213	.....	.....
Beaman town.....	Ringgold.....	148	177	.....	Clermont town.....	Marshall.....	.....	.....	.....
Bedford city.....	Grundy.....	220	266	262	Cleveland town.....	Fayette.....	510	513	488
Belle Plaine city.....	Taylor.....	1,883	1,977	1,643	Clinton city.....	Lucas.....	59	202	807
Belleveue city.....	Benton.....	3,121	3,283	2,623	Clio town.....	Clinton.....	25,577	22,698	13,619
Belmont city.....	Jackson.....	1,776	1,607	1,394	Clitler town.....	Wayne.....	178	218	.....
Bennett town.....	Wright.....	1,224	1,234	803	Coburg town.....	Tama.....	186	.....	.....
Benton town.....	Cedar.....	191	238	.....	Coggon town.....	Montgomery.....	177	164	60
Bentonport town.....	Ringgold.....	141	192	.....	Colin town.....	Linn.....	471	498	.....
Bernard town.....	Van Buren.....	95	254	283	Colesburg town.....	Page.....	591	574	.....
Bettendorf town.....	Dubuque.....	.....	113	.....	Colfax city.....	Delaware.....	271	274	.....
Birmingham town.....	Scott.....	909	.....	.....	College Springs town.....	Jasper.....	2,524	2,053	957
Bialsburg town.....	Van Buren.....	572	622	545	Collins town.....	Page.....	626	693	491
Bialstow town.....	Hamilton.....	241	.....	.....	Colo town.....	Story.....	521	540	.....
Blakesburg town.....	Benton.....	532	592	533	Columbus City town.....	Story.....	463	391	261
Blanchard town.....	Wapello.....	344	.....	.....	Columbus Junction town.....	Louisa.....	375	383	459
Blencoe town.....	Page.....	408	520	432	Conesville town.....	Louisa.....	1,185	1,099	953
Blockton town.....	Monona.....	283	279	.....	Conrad town.....	Muscatine.....	347	.....	.....
Bloomfield city.....	Taylor.....	648	704	.....	Conway town.....	Grundy.....	549	483	157
Blue Grass town.....	Davis.....	2,028	2,105	1,913	Coon Rapids town.....	Taylor.....	283	348	379
Bode town.....	Scott.....	223	.....	.....	Coppock town.....	Carroll.....	1,084	1,017	873
Bonaparte town.....	Humboldt.....	419	409	762	Coralville town.....	Henry.....	105	.....	.....
Bondurant town.....	Van Buren.....	597	898	.....	Corning city.....	Jefferson.....	.....	.....	.....
Boone city.....	Polk.....	287	297	.....	Correctionville town.....	Washington.....	.....	.....	.....
Boydton town.....	Boone.....	10,347	8,890	6,520	Corwith town.....	Johnson.....	151	125	173
Braddyville town.....	Sioux.....	364	336	277	Corydon town.....	Adams.....	1,702	2,145	1,682
Bradgate town.....	Page.....	233	236	175	Couler town.....	Woodbury.....	893	935	869
Brandon town.....	Humboldt.....	175	223	.....	Council Bluffs city.....	Hancock.....	455	651	347
	Buchanan.....	200	.....	.....	Crawfordsville town.....	Wayne.....	1,669	1,477	962
					Cresco city.....	Franklin.....	198	.....	.....
					Creston city.....	Pottawattamie.....	29,292	25,802	21,474
						Washington.....	322	283	.....
						Howard.....	2,658	2,806	2,013
						Union.....	6,924	7,752	7,200

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

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Cromwell town	Union	208	208		Farnhamville town	Calhoun	332	348	137
Cystal Lake town	Hancock	143	246		Farragut town	Fremont	431	514	406
Cumberland town	Cass	552	591		Fayette town	Payette	1,112	1,315	1,082
Curlew town	Palo Alto	161			Fenton town	Kossuth	211		
Cushing town	Woodbury	254	237		Ferguson town	Marshall	127		
					Fertile town	Worth	207		
Cylinder town	Palo Alto	129	118		Floyd town	Floyd	332	353	
Dakota town	Humboldt	301	302	353	Fonda town	Pocahontas	978	1,189	625
Dallas Center town	Dallas	769	625	445	Fontanelle town	Adair	789	853	830
Dana town	Greene	183			Forest City town	Winneshiek	1,691	1,758	895
Danbury town	Woodbury	538	480	423	Fort Atkinson town	Winneshiek	289	264	480
Danville town	Des Moines	263			Fort Dodge city	Webster	15,543	12,162	4,871
Davenport city	Scott	43,028	35,254	20,872	Fort Madison city	Lee	8,900	9,278	7,901
Davis City town	Decatur	489	617	594	Foster town	Monroe	276	205	
Dawson town	Dallas	275			Franklin town	Lee	138	210	333
Dayton town	Webster	717	753	669	Frazer town	Boone	537		
De Soto town	Dallas	356	345	328	Fredericksburg town	Chickasaw	558	565	321
Decatur City town	Decatur	311	367	215	Frederika town	Bremers	149	170	
Decorah city	Winneshiek	3,502	3,246	2,801	Fremont town	Mahaska	501	542	
Deedham town	Carroll	355	374	273	Galva town	Ida	357	456	
Deep River town	Poweshiek	467	403	291	Garber town	Clayton	131		
Defiance town	Shelby	411	387	323	Garden Grove town	Decatur	611	651	554
Delhi town	Delaware	375			Garnaville town	Clayton	342		
Delmar town	Clinton	548	592	518	Garner town	Hancock	1,028	1,288	679
Deloit town	Crawford	208			Garison town	Benton	438	482	367
Delta town	Keokuk	728	691	409	Garwin town	Tama	425	470	
Denison city	Crawford	3,133	2,771	1,782	Geneva town	Franklin	199		
Denver town	Bremer	224	102		George town	Lyon	606	394	
Derby town	Lucas	320			Germania town	Kossuth	430	384	
Des Moines city	Polk	86,368	62,139	50,093	Gilbert town	Story	235		
Dewitt city	Clinton	1,634	1,383	1,359	Gilman town	Marshall	430	466	473
Dexter town	Dallas	707	705	607	Gilmore City town	Humboldt	689	687	
Diagonal town	Ringgold	509	383		Gladbrook town	Pocahontas	869	842	556
Dickens town	Clay	255			Glanwood city	Mills	4,052	3,040	1,590
Dike town	Grundy	280			Gladwin town	Carroll	850	733	532
Dixon city	Scott	198			Goldfield city	Wright	618	628	843
Dolliver town	Barnett	107			Goodell town	Hancock	240	254	
Donahue town	Scott	64			Goose Lake town	Clinton	110		
Donnellson town	Lee	337	270		Gowrie town	Webster	829	681	526
Doon town	Lyon	581	545		Graettinger town	Palo Alto	556	388	
Dougherty town	Carro Gordo	171			Grafton town	Worth	183	156	
Dow City town	Crawford	402	402	451	Grand Junction town	Greene	1,012	1,113	632
Dows town	Franklin	892	813		Grand Mound town	Clinton	428	355	247
Drakesville town	Wright	249	238	303	Grand River town	Decatur	333	326	
Drakeville town	Davis	249	238	303	Grandview town	Louisia	374		
Dubuque city	Dubuque	38,494	30,297	30,311	Granger town	Dallas	225		
Dumont town	Butler	550	433		Grant City town	Sac	102	249	
Duncombe town	Webster	418	350		Granville town	Sioux	400	351	
Dunkerton town	Blackhawk	276	217		Gravily town	Taylor	475	549	210
Dunlap town	Harrison	1,155	1,355	1,038	Gray town	Audubon	148	180	
Durant town	Cedar	720	560	505	Greoley town	Dolaware	353	488	
Dyersville town	Dubuque	1,511	1,323	1,272	Green Island town	Jackson	128		
Dysart town	Tama	906	902	775	Greene town	Butler	1,150	1,192	845
Flaggrove city	Wright	3,387	3,557	1,881	Greenfield town	Adair	1,379	1,300	1,048
Earlham town	Madison	749	630	302	Grimes town	Polk	733	186	
Earling town	Shelby	323	340		Grinnell city	Poweshiek	5,036	3,860	3,332
Earville town	Delaware	552	618	569	Griswold town	Cass	949	900	752
Early town	Sac	500	579	277	Grundy Center town	Grundy	1,354	1,322	1,161
East Peru town	Madison	371	252		Guernsey town	Poweshiek	143		
Eddyville town	Mahaska	1,085	1,230	815	Guthrie Center town	Guthrie	1,337	1,193	1,037
Edenville town (Rhodes P. O.)	Marshall	448	476		Guttenberg city	Clayton	1,873	1,620	1,160
Edgewood town	Clayton	555	565		Halbur town	Carroll	147		
Elberon town	Tama	336	344		Hamburg city	Fremont	1,817	2,079	1,634
Eldon city	Wapello	2,024	1,850	1,725	Hamilton town	Fremont	391	538	
Eldora city	Linn	1,995	2,233	1,577	Hampton city	Franklin	2,617	2,727	2,067
Eldridge town	Scott	217	207		Hancock town	Pottawattamie	250	276	167
Egin town	Fayette	564	635	369	Hanlontown town	Worth	129		
Elkader town	Clayton	1,181	1,321	745	Harcourt town	Webster	247	192	
Elkhart town	Polk	132			Harlan city	Shelby	2,570	2,422	1,765
Elkport town	Clayton	210	326		Harper town	Keokuk	232	269	253
Elliot town	Montgomery	528	518	317	Harpers Ferry town	Allamakee	297		
Ellston town	Ringgold	205	242		Harris town	Osceola	239	217	
Ellsworth town	Hamilton	406	319		Hartley town	O'Brien	1,106	1,006	519
Elma town	Howard	807	976		Harvey town	Marion	346		
Ely town	Linn	161			Hastings town	Mills	393	404	322
Emerson town	Mills	478	562	404	Havelock town	Pocahontas	241	397	
Emmetsburg city	Palo Alto	2,325	2,361	1,584	Hawarden town	Sioux	2,107	1,810	744
Epworth town	Dubuque	520	549	348	Hawkeye town	Fayette	510	518	
Essex town	Page	776	710	564	Hazelton town	Buchanan	444	500	
Estherville city	Barnett	3,404	3,237	1,475	Hedrick town	Keokuk	978	1,035	592
Everly town	Clay	362			Henderson town	Mills	240	244	201
Extra town	Audubon	757	851	575	Hepburn town	Page	110	118	75
Exline town	Appanoose	660			Hills town	Johnson	195		
Fairbank town	Buchanan	618	644	448	Hillsdale town	Mills	80	244	193
Fairfield city	Jefferson	4,970	4,689	3,391	Hinton town	Plymouth	329	329	
Farley town	Dubuque	676	513	582	Holland town	Grundy	168	176	
Farnsburg town	Clayton	289	143						
Farmington town	Van Buren	1,165	1,332	1,002					

STATISTICS OF POPULATION.

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

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Holstein town.....	Idea.....	936	870	539	Lineville town.....	Wayne.....	600	690	606
Holy Cross town.....	Dubuque.....	143	115	.....	Lisbon town.....	Linn.....	846	956	1,079
Hopeville town.....	Clarke.....	103	145	.....	Liscomb town.....	Marshall.....	354	338	313
Hopkinton town.....	Delaware.....	797	767	668	Little Rock town.....	Lyon.....	471	399	.....
Hornick town.....	Woodbury.....	245	284	.....	Little Sioux town.....	Harrison.....	390	427	400
Hospers town.....	Sioux.....	581	415	.....	Littleport town.....	Clayton.....	166	.....	.....
Hubbard town.....	Hardin.....	508	676	452	Livermore town.....	Humboldt.....	578	618	459
Hudson town.....	Blackhawk.....	372	359	.....	Logan town.....	Harrison.....	1,453	1,377	827
Hull town.....	Sioux.....	658	626	566	Lohrville town.....	Calhoun.....	674	597	435
Humboldt town.....	Humboldt.....	1,809	1,474	1,075	Lone Tree town.....	Johnson.....	782	600	.....
Huneston town.....	Wayne.....	1,006	945	642	Lorimer town.....	Union.....	645	587	.....
Huxley town.....	Story.....	336	.....	.....	Lost Nation town.....	Clinton.....	523	.....	.....
Ida Grove city.....	Ida.....	1,874	1,967	1,563	Lovilia town.....	Monroe.....	552	.....	.....
Imogene town.....	Fremont.....	341	296	279	Low Moor town.....	Clinton.....	253	318	.....
Independence city.....	Buchanan.....	3,517	3,656	3,163	Lowden town.....	Cedar.....	584	544	405
Indianola city.....	Warren.....	3,283	3,261	2,254	Lucas town.....	Lucas.....	666	1,132	1,320
Inwood town.....	Lyon.....	595	477	.....	Luther town.....	Boone.....	130	.....	.....
Ionia town.....	Chickasaw.....	298	306	.....	Luverne town.....	Humboldt.....	501	534	.....
Iowa City.....	Johnson.....	10,091	7,987	7,016	Luzerne town.....	Kossuth.....	160	169	.....
Iowa Falls city.....	Hardin.....	2,797	2,840	1,796	Lynnville town.....	Benton.....	370	347	261
Ireton town.....	Sioux.....	631	545	412	McCalsburg town.....	Story.....	309	.....	.....
Irwin town.....	Shelby.....	278	295	.....	McCausland town.....	Scott.....	106	.....	.....
Jackson Junction town.....	Winnehiok.....	160	171	.....	McClelland town.....	Pottawattamie.....	134	.....	.....
Jamaica town.....	Guthrie.....	379	.....	.....	McGregor city.....	Clayton.....	1,259	1,498	1,160
Janesville town.....	Bremer.....	269	311	.....	McIntire town.....	Mitchell.....	487	427	.....
Jefferson city.....	Greene.....	2,477	2,601	1,875	Macedonia town.....	Pottawattamie.....	357	295	.....
Jesup town.....	Buchanan.....	697	690	573	Macksburg town.....	Madison.....	197	235	186
Jewell town.....	Hamilton.....	941	947	414	Madrid town.....	Boone.....	1,191	1,021	555
Jolley town.....	Calhoun.....	250	266	.....	Magnolia town.....	Harrison.....	311	.....	.....
Kalona town.....	Washington.....	466	530	211	Malcom town.....	Poweshiek.....	377	404	372
Kamrar town.....	Hamilton.....	262	223	.....	Mallard town.....	Falo Alto.....	351	292	.....
Kanawha town.....	Hancock.....	368	.....	.....	Maloy town.....	Ringgold.....	127	.....	.....
Kellerton town.....	Ringgold.....	508	458	277	Malvern town.....	Mills.....	1,154	1,166	1,003
Kellogg town.....	Jasper.....	610	653	700	Manchester city.....	Delaware.....	2,768	2,887	2,344
Kelley town.....	Story.....	231	187	.....	Manilla town.....	Crawford.....	875	773	528
Kensett town.....	Worth.....	360	459	.....	Manly town.....	Worth.....	346	359	.....
Kent town.....	Union.....	158	.....	.....	Manning town.....	Carroll.....	1,434	1,169	1,233
Kenwood Park town.....	Linn.....	376	283	136	Manson town.....	Calhoun.....	1,236	1,424	822
Keokuk city.....	Lee.....	14,068	14,641	14,101	Mapleton town.....	Monona.....	1,100	1,099	782
Keosauqua town.....	Van Buren.....	1,009	1,117	831	Maquoketa city.....	Jackson.....	3,570	3,777	3,077
Keota town.....	Keokuk.....	988	996	777	Marathon town.....	Buena Vista.....	532	659	.....
Keystone town.....	Benton.....	412	405	.....	Marble Rock town.....	Floyd.....	490	573	433
Kimballton town.....	Audubon.....	271	.....	.....	Marcus town.....	Cherokee.....	886	718	671
Kingsley town.....	Plymouth.....	977	726	649	Marengo city.....	Iowa.....	1,786	2,007	1,710
Kinross town.....	Keokuk.....	142	132	.....	Marion city.....	Linn.....	4,400	4,102	3,094
Kirkman town.....	Shelby.....	180	203	.....	Marne town.....	Cass.....	266	410	.....
Kirkville town.....	Wapello.....	299	402	714	Marshalltown city.....	Marshall.....	13,374	11,544	8,914
Kiron town.....	Crawford.....	207	89	.....	Martelle town.....	Jones.....	178	158	.....
Klemme town.....	Hancock.....	306	262	.....	Martinsburg town.....	Keokuk.....	285	332	322
Klerim town.....	Calhoun.....	220	.....	.....	Marysville town.....	Marion.....	319	322	348
Knowlton town.....	Ringgold.....	193	267	.....	Mason City.....	Cerro Gordo.....	11,230	6,746	4,007
Knoxville city.....	Marion.....	3,190	3,131	2,632	Masonville town.....	Delaware.....	282	.....	.....
La Motte town.....	Jackson.....	288	272	154	Massena town.....	Cass.....	490	475	279
La Porte City town.....	Blackhawk.....	1,233	1,419	1,052	Matlock town.....	Sioux.....	118	94	.....
Laons town.....	Warren.....	517	496	301	Maurice town.....	Sioux.....	290	280	.....
Ladora town.....	Iowa.....	260	239	224	Maxwell town.....	Story.....	754	810	453
Lake City.....	Calhoun.....	2,043	2,703	1,160	Maynard town.....	Fayette.....	382	495	371
Lake Mills town.....	Winnebago.....	1,214	1,293	604	Maysville town.....	Scott.....	55	.....	.....
Lake Park town.....	Dickinson.....	552	541	.....	Mechanicsville town.....	Cedar.....	817	703	612
Lake View town.....	Sac.....	514	591	366	Medapolis town.....	Des Moines.....	858	725	489
Lamoni town.....	Decatur.....	1,541	1,540	.....	Melbourne town.....	Marshall.....	423	366	.....
Lamont town.....	Buchanan.....	571	636	.....	Melrose town.....	Monroe.....	459	400	.....
Lanesboro town.....	Carroll.....	268	.....	.....	Melvin town.....	Osceola.....	195	.....	.....
Lansing city.....	Allamakee.....	1,542	1,438	1,668	Menlo town.....	Guthrie.....	382	428	389
Larchwood town.....	Lyon.....	434	450	.....	Meriden town.....	Cherokee.....	246	432	241
Larrabee town.....	Cherokee.....	158	125	.....	Merrill town.....	Plymouth.....	520	389	.....
Lalimer town.....	Franklin.....	378	.....	.....	Meservey town.....	Cerro Gordo.....	193	.....	.....
Laurel town.....	Marshall.....	179	.....	.....	Meyer town.....	Mitchell.....	387	.....	.....
Laurens town.....	Pocahontas.....	817	853	318	Miles city.....	Jackson.....	334	385	.....
Lawler town.....	Chickasaw.....	601	646	464	Millford town.....	Dickinson.....	575	485	.....
Lawton town.....	Woodbury.....	138	.....	.....	Milo town.....	Warren.....	519	585	318
Le Claire town.....	Scott.....	690	997	906	Milton town.....	Van Buren.....	913	849	643
Le Grand town.....	Marshall.....	338	408	.....	Minburn town.....	Dallas.....	388	317	.....
Le Mars city.....	Plymouth.....	4,157	4,146	4,036	Minden town.....	Pottawattamie.....	423	328	287
Le Roy town.....	Decatur.....	185	.....	.....	Mingo town.....	Jasper.....	246	.....	.....
Ledyard town.....	Kossuth.....	222	257	.....	Missouri Valley city.....	Harrison.....	3,187	4,010	2,797
Lehigh town.....	Webster.....	928	806	870	Mitchell town.....	Mitchell.....	245	245	309
Leland town.....	Winnebago.....	188	215	.....	Mitchellville town.....	Polk.....	869	768	704
Lenox town.....	Taylor.....	1,274	1,014	706	Modale town.....	Harrison.....	387	383	288
Leon town.....	Decatur.....	1,991	1,905	1,422	Mondamin town.....	Harrison.....	420	384	267
Lester town.....	Lyon.....	244	225	.....	Moneta town.....	O'Brien.....	44	.....	.....
Letts town.....	Louisa.....	433	387	325	Monmouth town.....	Jackson.....	221	281	.....
Lewis town.....	Cass.....	603	613	579	Monona town.....	Clayton.....	792	674	460
Lidderdale town.....	Carroll.....	114	.....	.....	Monroe town.....	Jasper.....	800	917	952
Limesprings town.....	Howard.....	493	605	550	Montezuma town.....	Poweshiek.....	1,172	1,210	1,062
Linden town.....	Dallas.....	315	314	.....	Monticello city.....	Jones.....	2,043	2,104	1,938
					Montour town.....	Tama.....	383	502	409

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

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Montrose town.	Lee	708	748	778	Pleasanton town.	Decatur	200	164	.....
Moorhead town.	Monona	356	200	.....	Pleasantville town.	Marion	691	738	510
Moorland town.	Webster	137	.....	.....	Plymouth town.	Cerro Gordo	358	.....	.....
Moravia town.	Appanoose	632	632	811	Pocahontas town.	Pocahontas	987	625	.....
Morning Sun town.	Louisa	897	948	881	Polk City town.	Polk	310	438	446
Morrison town.	Grundey	173	170	165	Pomeroy town.	Calhoun	315	910	431
Moulton town.	Appanoose	1,233	1,420	760	Popejoy town.	Franklin	200	.....	.....
Mount Auburn town.	Benton	228	.....	.....	Portsmouth town.	Shelby	347	316	250
Mount Ayr town.	Ringgold	1,040	1,729	1,265	Postville town.	Allamakee	952	984	884
Mount Pleasant city.	Henry	3,874	4,109	3,907	Prairie City town.	Jasper	764	808	684
Mount Sterling town.	Van Buren	232	.....	.....	Prairieburg town.	Linn	187	.....	.....
Mount Union town.	Henry	195	.....	.....	Prescott town.	Adams	426	446	.....
Mount Vernon town.	Linn	1,532	1,629	1,259	Preston town.	Jackson	642	593	489
Moville town.	Woodbury	552	507	295	Pringhar town.	O'Brien	733	814	519
Murray town.	Clarke	796	949	666	Princeton town.	Scott	379	456	398
Muscataine city.	Muscataine	16,178	14,073	11,454	Promise City town.	Wayne	274	.....	.....
Mystic town.	Appanoose	2,663	1,758	875	Protivin town.	Howard	163	136	.....
Nashua town.	Chokkasaw	1,102	1,268	1,240	Pulaski town.	Davis	382	302	.....
Neola town.	Pottawattamie	926	921	917	Quasqueton town.	Buchanan	394	.....	.....
Nevada city.	Story	2,138	2,472	1,662	Quimby town.	Cherokee	268	.....	.....
New Albin town.	Allamakee	588	543	411	Quincy town.	Adams	70	106	146
New Hampton city.	Chokkasaw	2,275	2,339	1,314	Radcliffe town.	Hardin	660	645	.....
New Hartford town.	Butler	482	570	.....	Rake town.	Winnebago	163	.....	.....
New Liberty town.	Scott	93	.....	.....	Ralston town.	Carroll	175	.....	.....
New London town.	Henry	1,144	1,003	580	Randallia town.	Fayette	123	117	.....
New Market town.	Taylor	673	600	320	Randolph town.	Fremont	304	373	276
New Providence town.	Hardin	240	268	.....	Rathbun town.	Appanoose	382	270	.....
New Sharon town.	Mahaska	1,122	1,252	1,026	Readlyn town.	Bremser	128	.....	.....
New Vienna town.	Dubuque	188	245	.....	Red Oak city.	Montgomery	4,830	4,355	3,321
New Virginia town.	Warren	396	.....	.....	Redding town.	Ringgold	269	311	214
Newell town.	Buena Vista	728	702	540	Redfield town.	Dallas	659	509	397
Newton city.	Jasper	4,616	3,682	2,564	Reinbeck town.	Grundey	1,205	1,203	731
Nichols town.	Muscataine	390	398	237	Rembrandt town.	Buena Vista	128	.....	.....
Nodaway town.	Adams	323	.....	.....	Remsen town.	Plymouth	1,076	835	580
Nora Springs town.	Floyd	985	1,200	846	Renwick town.	Humboldt	372	350	.....
North Buena Vista town.	Clayton	102	.....	.....	Riceville town.	Howard	844	804	.....
North English town.	Iowa	848	683	.....	Richland town.	Mitchell	.....	.....	.....
North McGregor town.	Clayton	588	616	509	Ricketts town.	Keokuk	613	534	531
North Washington town.	Chokkasaw	132	.....	.....	Ridgeway town.	Crawford	102	.....	.....
Northboro town.	Page	197	.....	.....	Ringsted town.	Winneshiek	354	371	.....
Northwood town.	Worth	1,264	1,271	859	Rippey town.	Emmett	313	.....	.....
Norwalk town.	Warren	315	287	.....	Riverside town.	Greene	407	395	.....
Norway town.	Benton	479	533	401	Riverton town.	Washington	652	698	608
Numa town.	Appanoose	659	.....	.....	Rock Falls town.	Fremont	583	687	550
Oakland town.	Pottawattamie	1,105	913	686	Rock Rapids town.	Cerro Gordo	87	124	122
Oakville town.	Louisa	389	.....	.....	Rock Valley town.	Lyon	2,006	1,766	1,394
Oakeydan town.	Osceola	595	590	.....	Rockford town.	Sioux	1,198	1,054	842
Odebolt town.	Sac	1,283	1,432	1,122	Rockwell town.	Floyd	916	1,080	1,010
Oelwein city.	Fayette	6,028	5,142	830	Rockwell City town.	Cerro Gordo	700	830	381
Ogden town.	Boone	1,298	993	689	Rodman town.	Calhoun	1,528	1,222	516
Olds town.	Henry	165	.....	.....	Rodney town.	Palo Alto	131	147	.....
Olin town.	Jones	659	692	510	Roland town.	Monona	163	173	.....
Ollie town.	Keokuk	289	238	.....	Rolfe town.	Story	641	557	.....
Onawa town.	Monona	2,026	1,633	1,358	Rome town.	Pocahontas	954	994	629
Onslow town.	Jones	207	263	237	Rose Hill town.	Henry	155	255	.....
Orange City town.	Sloux	1,374	1,457	1,246	Rowan town.	Mahaska	209	253	200
Orient town.	Adair	373	359	130	Rudd town.	Wright	250	.....	.....
Orleans town.	Dickinson	105	92	.....	Runnels town.	Floyd	296	381	.....
Osage city.	Mitchell	2,445	2,734	1,913	Russell town.	Polk	428	.....	.....
Osceola city.	Clarke	2,416	2,505	2,120	Ruthven town.	Lucas	612	636	443
Oskaloosa city.	Mahaska	9,466	9,212	6,558	Rutland town.	Palo Alto	658	787	580
Ossian town.	Winneshiek	749	670	609	Ryan town.	Humboldt	212	.....	.....
Osterdock town.	Clayton	97	.....	.....	Sabula city.	Delaware	511	.....	.....
O to town.	Woodbury	268	396	247	Sac City	Jackson	918	1,029	618
Otosen town.	Humboldt	147	.....	.....	St. Ansgar town.	Sac	2,201	2,079	1,249
Ottumwa city.	Wapello	22,012	18,197	14,001	St. Anthony town.	Mitchell	747	688	609
Oxford town.	Johnson	614	664	515	St. Charles town.	Marshall	199	174	.....
Oxford Junction town.	Jones	822	780	752	St. Lucas town.	Madison	399	412	387
Oyens town.	Plymouth	94	.....	.....	St. Olaf town.	Fayette	138	.....	.....
Pacific Junction town.	Mills	501	732	744	St. Paul town.	Clayton	170	124	.....
Packwood town.	Jefferson	264	284	.....	Salem town.	Lee	62	65	.....
Palmer town.	Pocahontas	177	.....	.....	Salix town.	Henry	501	548	551
Palo town.	Linn	208	.....	.....	Sandborn town.	Woodbury	390	387	.....
Panama town.	Shelby	232	221	379	Sandyville town.	O'Brien	1,174	1,247	1,075
Panora town.	Guthrie	1,080	958	809	Sargent Bluff town.	Warren	120	.....	.....
Parkersburg town.	Butler	938	1,164	760	Scarville town.	Woodbury	525	.....	.....
Parnell town.	Iowa	369	318	.....	Schaller town.	Winnebago	129	.....	.....
Paton town.	Greene	358	328	245	Schleswig town.	Sac	646	661	333
Patterson town.	Madison	147	163	133	Scranton town.	Crawford	455	233	715
Paulina town.	O'Brien	796	617	510	Searsboro town.	Greene	845	983	153
Pella city.	Marion	3,021	2,623	2,408	Seymour town.	Poweshiek	226	263	1,058
Perry city.	Dallas	4,630	3,986	2,880	Shambaugh town.	Wayne	2,290	1,703	.....
Persia town.	Harrison	358	361	.....	Shannon City town.	Page	245	.....	.....
Petersen town.	Clay	480	521	371	Sharpsburg town.	Ringgold	292	380	.....
Pierson town.	Woodbury	416	358	.....	Sheffield town.	Union	181	.....	.....
Plot Mound town.	Boone	347	315	.....	Shelby town.	Taylor	824	688	510
Pioneer town.	Humboldt	92	.....	.....	Shelby town.	Franklin	586	692	582
Pisgah town.	Harrison	212	.....	.....			
Plainfield town.	Bramet	288	320	.....				
Pleasant Plain town.	Jefferson	174	280	.....				

STATISTICS OF POPULATION.

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

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Sheldahl town.....	Boone	202	179		Urbana town.....	Benton	306	323	
Sheldon city.....	Polk				Ute town.....	Monona	490	407	
Shell Rock town.....	Story				Vail town.....	Crawford	631	578	538
Shellsburg town.....	O'Brien	2,941	2,282	1,478	Valley Junction city.....	Polk	2,573	1,700	
Shenandoah city.....	Butler	741	839	783	Van Meter town.....	Dallas	386	407	467
	Benton	527	511	468	Van Wert town.....	Decatur	461	306	
	Page	4,976	3,573	2,440	Vanhorn town.....	Benton	444	484	501
Sibley town.....	Osceola	1,330	1,289	1,090	Varina town.....	Pocahontas	183		
Sidney town.....	Fremont	1,019	1,143	839	Victor town.....	Iowa	640	612	616
Slagter town.....	Keokuk	2,032	1,952	1,523	Villisca city.....	Poweshiek			
Sliver City town.....	Mills	416	438	324	Vinton city.....	Montgomery	2,039	2,211	1,744
Sioux Center town.....	Sioux	1,064	810		Vincent town.....	Webster	215	163	
Sioux City.....	Woodbury	47,828	33,111	37,806	Volga City town.....	Benton	3,336	3,499	2,885
Sioux Rapids town.....	Buena Vista	868	1,005	650	Wadena town.....	Clayton	416	444	
Slater town.....	Story	473	426		Walcott town.....	Fayette	253	170	
Sloan town.....	Woodbury	547	643	449	Walker town.....	Scott	416	362	
Smithland town.....	Woodbury	334	435	369	Wall Lake town.....	Linn	517	505	
Soldier town.....	Monona	167			Walnut town.....	Sac	561	659	439
Solon town.....	Johnson	450	397	353	Wapello city.....	Pottawattamie	950	878	811
Somers town.....	Calhoun	169			Washington city.....	Louisia	1,326	1,398	1,009
South English town.....	Keokuk	338	319		Washta town.....	Washington	4,380	4,255	3,235
Spencer city.....	Clay	3,005	3,095	1,813	Waterloo city.....	Cherokee	410	431	
Spillville town.....	Winneshiak	320	356		Waucoma town.....	Blackhawk	26,693	12,550	6,674
Spirit Lake town.....	Dickinson	1,162	1,219	782	Waukegan town.....	Fayette	433	540	406
Spring Hill town.....	Warren	94			Waukesha town.....	Dallas	340	292	240
Springbrook town.....	Jackson	217	107		Waukon city.....	Allamakee	2,025	2,153	1,610
Springville town.....	Linn	588	599	518	Waverly city.....	Bremer	3,205	3,177	2,346
Stacyville town.....	Mitchell	407	490		Wayland town.....	Henry	550	394	
Stanhope town.....	Hamilton	281	297		Webb town.....	Clay	150		
Stanton town.....	Montgomery	653	404	399	Webster City.....	Hamilton	5,208	4,613	2,829
Stanwood town.....	Cedar	511	415	302	Webster town.....	Keokuk	127		
State Center town.....	Marshall	898	1,008	854	Weldon town.....	Decatur	308		
Steamboat Rock town.....	Hardin	378	410	367	Wellman town.....	Washington	724	654	
Stockport town.....	Van Buren	265			Wellsburg town.....	Grundy	288	203	
Stockton town.....	Muscatine	138			Welton town.....	Cilnton	69		
Storm Lake city.....	Buena Vista	2,428	2,169	1,682	Wesley town.....	Kossuth	457	730	440
Story City town.....	Story	1,387	1,197	536	West Bend town.....	Palo Alto	679	538	325
Stratford town.....	Hamilton	554	458		West Branch town.....	Cedar	643	647	474
Strawberry Point town.....	Clayton	1,052	1,012	947	West Burlington town.....	Des Moines	1,206	1,044	836
Struble town.....	Plymouth	327	172		West Liberty town.....	Muscatine	1,666	1,690	1,268
Stuart city.....	Adair	1,826	2,079	2,052	West Mitchell town.....	Mitchell	126	207	232
Sully town.....	Guthrie				West Point town.....	Lee	570	654	498
	Jasper	282			West Union city.....	Fayette	1,652	1,935	1,676
Summer town.....	Bremer	1,404	1,437	861	Westchester town.....	Washington	222	209	
Superior town.....	Dickinson	154	187		Westfield town.....	Plymouth	143		
Sutherland town.....	O'Brien	664	722	490	Westgate town.....	Fayette	232	260	
Swaledale town.....	Cerro Gordo	235	240		Westside town.....	Crawford	367	396	448
Swan town.....	Marion	292	406	419	What Cheer city.....	Keokuk	1,720	2,740	3,246
Swea City town.....	Kossuth	402	322		Wheatland town.....	Clinton	539	475	569
Tabor town.....	Fremont	909	934	503	Whiting town.....	Monona	576	572	437
Tama city.....	Tama	2,390	2,649	1,741	Whittemore town.....	Kossuth	518	522	578
Templeton town.....	Carroll	278	321	269	Whitten town.....	Hardin	219	217	195
Terril town.....	Dickinson	253	217		Williams town.....	Hamilton	457	500	
Thayer town.....	Union	198	394		Williamsburg town.....	Iowa	1,060	1,100	635
Thompson town.....	Winnebago	500	450		Wilton town.....	Muscatine	1,157	1,233	1,212
Thor town.....	Humboldt	271	274		Winfield town.....	Henry	934	820	461
Thornburg town.....	Keokuk	233	267		Winterset city.....	Madison	2,818	3,039	2,281
Thornton town.....	Cerro Gordo	271	290		Winthrop city.....	Buchanan	529	618	370
Thurman town.....	Fremont	336	400	395	Wjota town.....	Cass	239	218	168
Tiffin town.....	Johnson	178			Woden town.....	Hancock	162		
Tingley town.....	Ringgold	380	488	295	Woodbine town.....	Harrison	1,538	1,255	815
Tipton city.....	Cedar	2,048	2,513	1,599	Woodburn town.....	Clarke	420	467	336
Tioka town.....	Kossuth	278	224		Woodward town.....	Dallas	712	550	325
Toledo city.....	Tama	1,626	1,941	1,336	Woolstock city.....	Wright	264	274	
Toronto town.....	Clinton	106			Worthington town.....	Dubuque	314	288	
Traer town.....	Tama	1,283	1,458	1,014	Wyoming town.....	Jones	733	794	704
Treynor town.....	Pottawattamie	122			Yale town.....	Guthrie	273		
Tripoli town.....	Bremer	755	655		Yetter town.....	Calhoun	107		
Truro town.....	Madison	310			Yorktown town.....	Page	228	170	
Turlin town.....	Monona	154			Zearing town.....	Story	461	388	242
Udell town.....	Appanoose	189			Zwingle town.....	Dubuque	69		
Underwood town.....	Pottawattamie	271				Jackson			
Union town.....	Hardin	540	589	514					

CHAPTER 2.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

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

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

A series of summary tables (numbered 1 to 14) 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 Iowa, 1,303,526, or 58.6 per cent, are native whites of native parentage; 632,181, or 28.4 per cent, are native whites of foreign or mixed parentage; 273,484, or 12.3 per cent, are foreign-born whites; and 14,973, or 0.7 per cent, are negroes. The corresponding percentages in 1900 were 56.5, 29.2, 13.7, and 0.6, respectively, the comparison indicating a slight increase in the proportion of native whites of native parentage. In 26 of the 99 counties the foreign-born whites constitute more than 15 per cent of the population; the highest percentage for this class (26.9) is in Sioux County. In 64 counties more than one-fourth of the population are native whites of foreign or mixed parentage, the proportion being highest (49.9 per cent) in Winnebago County. (See maps on page 630.)

Native whites of native parentage constitute nearly three-fifths both of the urban and of the rural population (58.2 per cent and 58.8 per cent, respectively); the corresponding proportions for native whites of foreign or mixed parentage are 27.1 per cent and 29.1 per cent. The percentage of foreign-born whites is 13.3 in the urban population and 11.9 in the rural; the percentage of negroes is 1.4 in the urban and 0.3 in the rural.

Sex (Table 2).—In the total population of the state there are 1,148,171 males and 1,076,600 females, or 106.6 males to 100 females. In 1900 the ratio was 107.6 to 100. Among native whites the ratio is 103 to 100, as compared with 135.7 to 100 for the foreign-born whites. In the urban population there are 100.4 males to 100 females, and in the rural, 109.5.

State of birth (Tables 3 and 4).—Of the total native population—that is, population born in the United States—72.6 per cent were born in Iowa and 27.4 per cent outside the state; of the native white population, 27.1 per cent were born outside the state, and of the native negro, 64.8 per cent. Persons born outside the state constitute a larger proportion of the native population in urban than in rural communities.

Foreign nationalities (Table 5).—Of the foreign-born white population of Iowa, persons born in Germany represent 36.1 per cent; Sweden, 9.8; Norway, 8; Denmark, 6.6; Ireland, 6.5; England, 6.1; Austria, 5.8; Canada, 4.2; Holland, 4.1; Russia, 2.3; Italy, 2.1; all other countries, 8.1. 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 39.8 per cent; Ireland, 10.2; Norway, 7.4; Sweden, 7.3; England, 7; Denmark, 4.6; Canada, 4.5; Austria, 4.4; Holland, 3.2; Scotland, 2.1; Switzerland, 1.2; Russia, 1.1.

Voting and militia ages (Table 6).—The total number of males 21 years of age and over is 663,672, representing 29.8 per cent of the population. Of such males, 50.3 per cent are native whites of native parentage, 26.7 per cent native whites of foreign or mixed parentage, 22.1 per cent foreign-born whites, and 0.8 per cent negroes. Of the 146,880 foreign-born white males of voting age, 90,573, or 61.7 per cent, are naturalized. Males of militia age—18 to 44—number 475,829.

Age (Tables 7, 8, and 12).—Of the total population, 10.6 per cent are under 5 years of age, 20.3 per cent from 5 to 14 years, inclusive, 19.6 per cent from 15 to 24, 27.8 per cent from 25 to 44, and 21.4 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 2.8 per cent of this class being under 15 years of age, while 88.1 per cent are 25 years of age and over. Of the native whites of foreign or mixed parentage, 46.8 per cent are 25 and over and of the native whites of native parentage, 42.4 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, 31.4 per cent are from 25 to 44 years of age, inclusive, and of the rural population, 26.3 per cent.

School attendance (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 675,222, of whom 469,778, or 69.6 per cent, attended school. In addition to these, 19,300 persons under 6 and 10,194 of 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 69.1; for girls, 70. For children from 6 to 14 years, inclusive, the percentage attending school was 90.7. The percentage for children of this age among native whites of native parentage and among native whites of foreign or mixed parentage was 90.8; among foreign-born whites, 82; among negroes, 89.3. (See Table I.) There is little difference between urban and rural communities as regards the percentage attending school for the ages from 6 to 14, but of persons from 15 to 20 years, inclusive, 39.6 per cent were reported as attending school in the rural population and 34.1 per cent in the urban.

Illiteracy (Table 10).—There are 29,889 illiterates in the state, representing 1.7 per cent of the total population 10 years of age and over, as compared with 2.3

per cent in 1900. The percentage of illiteracy is 0.8 among native whites, 6.3 among foreign-born whites, and 10.3 among negroes.

For all classes combined, and for each class separately, the proportion of illiterates is about the same in urban population as in rural, the percentages being 1.8 and 1.6, respectively.

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 0.4. (See Table I.)

Marital condition (Tables 11 and 13).—In the population 15 years of age and over, 38.6 per cent of the males are single and 29.8 per cent of the females. The percentage married is 55.9 for males and 60 for females, and the percentage widowed 4.4 and 9.1, respectively. The percentages of those reported as divorced, 0.6 and 0.7, 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 to the fact that women marry younger. Thus 7.8 per cent of the females from 15 to 19 years of age are married, as compared with 0.6 per cent of the males, and 45.2 per cent of the females from 20 to 24 years are married, as compared with 20 per cent of the males. In the next age group, 25 to 34 years, the percentage is 75.5 for females and 61.6 for males, while in the age group 45 years and over the percentage married is higher among 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, 66.2 for males and 70.5 for females; native whites of native parentage, 55.5 and 59.2, respectively; native whites of foreign or mixed parentage, 49.6 and 56.3; negroes, 51.8 and 60.9.

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

Dwellings and families.—The total number of dwellings in Iowa is 498,943, and the total number of families 512,515, indicating that in comparatively few cases does more than one family occupy a dwelling. (See Table I.)

The average number of persons per dwelling is 4.5, and the average number per family, 4.3.

TABLE 1.—COLOR, NATIVITY, AND PARENTAGE.

CLASS OF POPULATION.	NUMBER.			PER CENT OF TOTAL.		
	1910	1900	1890	1910	1900	1890
THE STATE.						
Total population.....	2,224,771	2,231,853	1,912,297	100.0	100.0	100.0
White.....	2,209,191	2,218,667	1,901,090	99.3	99.4	99.4
Negro.....	14,973	12,693	10,685	0.7	0.6	0.6
Indian.....	471	382	467	(1)	(1)	(1)
Chinese.....	97	104	64	(1)	(1)	(1)
Japanese.....	36	7	1	(1)	(1)	(1)
All other (Hindu).....	3			(1)		
Total native.....	1,951,006	1,925,933	1,588,228	87.7	86.3	83.1
Total foreign born.....	273,765	305,920	324,069	12.3	13.7	16.9
Native white, total.....	1,935,707	1,912,885	1,577,158	87.0	85.7	82.5
Native parentage.....	1,303,526	1,261,068	1,063,971	58.6	56.5	55.6
Foreign parentage.....	395,541	419,123	347,780	17.8	18.8	18.2
Mixed parentage.....	236,640	232,694	165,407	10.6	10.4	8.6
Foreign-born white.....	273,484	305,782	323,932	12.3	13.7	16.9
URBAN POPULATION.						
Total.....	680,054	572,386	405,764	100.0	100.0	100.0
White.....	670,035	564,236	399,065	98.5	98.6	98.3
Negro.....	9,788	8,097	6,635	1.4	1.4	1.6
Indian, Chinese, Japanese, and all other.....	233	53	64	(1)	(1)	(1)
Native white, total.....	579,682	481,344	319,021	85.2	84.1	78.6
Native parentage.....	395,577	315,311	206,049	58.2	55.1	50.8
Foreign parentage.....	116,631	166,033	112,972	17.2	29.0	27.8
Mixed parentage.....	67,474			9.9		
Foreign-born white.....	90,353	82,892	80,044	13.3	14.5	19.7
RURAL POPULATION.						
Total.....	1,544,717	1,659,467	1,506,533	100.0	100.0	100.0
White.....	1,539,156	1,654,431	1,502,025	99.6	99.7	99.7
Negro.....	5,187	4,596	4,050	0.3	0.3	0.3
Ind., Chi., and Jap.....	374	440	458	(1)	(1)	(1)
Native white, total.....	1,356,025	1,431,541	1,258,137	87.8	86.3	83.5
Native parentage.....	907,949	945,757	857,922	58.8	57.0	56.9
Foreign parentage.....	278,910	485,784	400,215	18.1	29.3	26.6
Mixed parentage.....	169,166			11.0		
Foreign-born white.....	183,131	222,890	243,888	11.9	13.4	16.2

¹ Less than one-tenth of 1 per cent.

TABLE 2.—SEX, FOR THE STATE AND PRINCIPAL CITIES.
[See also Tables 7, 8, and 12.]

CLASS OF POPULATION.	1910			1900		
	Male.	Female.	Males to 100 females.	Male.	Female.	Males to 100 females.
THE STATE.						
Total population.....	1,148,171	1,076,600	106.6	1,156,949	1,075,004	107.6
White.....	1,139,621	1,069,570	106.5	1,149,667	1,069,000	107.5
Negro.....	8,120	6,853	118.5	6,875	5,818	118.2
Ind., Chi., Jap., and all other.....	430	177	242.9	307	186	165.1
Native white, total.....	982,192	953,515	103.0	978,784	934,101	104.8
Native parentage.....	663,909	639,817	103.8	647,767	613,311	105.0
Foreign parentage.....	200,440	195,101	102.7	213,437	205,686	103.8
Mixed parentage.....	117,843	118,797	99.2	117,590	115,104	102.2
Foreign-born white.....	157,429	116,055	135.7	170,888	134,899	126.7
Urban population.....	340,640	339,414	100.4	283,722	288,664	98.3
Rural population.....	807,531	737,186	109.5	873,127	786,340	111.0
CITIES OF OVER 25,000.						
Cedar Rapids.....	16,300	16,511	98.7	12,579	13,077	96.2
Clinton.....	13,067	12,510	104.5	11,266	11,432	98.5
Council Bluffs.....	15,154	14,138	107.2	13,180	12,622	104.4
Davenport.....	21,530	21,498	100.1	17,489	17,765	98.4
Des Moines.....	43,135	43,233	99.8	30,953	31,188	99.3
Dubuque.....	18,977	19,517	97.2	18,171	18,126	100.2
Sioux City.....	25,718	22,110	116.3	16,951	16,180	104.9
Waterloo.....	13,775	12,918	106.6	6,252	6,328	98.8

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

CLASS OF POPULATION.	1910	1900	1890	Urban: 1910		Rural: 1910	
				Number	Per cent.	Number	Per cent.
Total native population.....	1,951,006	1,925,933	1,587,827	589,462	1,361,544		
Born in state.....	1,416,584	1,318,377	999,453	387,651	1,028,933		
Born outside state ¹	534,422	607,556	588,374	201,811	332,611		
Per cent outside state.....	27.4	31.5	37.1	34.2	24.4		
Native white population.....	1,935,707	1,912,885	1,577,154	579,682	1,356,025		
Born in state.....	1,411,007	1,313,417	996,624	384,241	1,026,766		
Born outside state ²	524,700	599,468	581,530	195,441	329,259		
Per cent outside state.....	27.1	31.3	36.9	33.7	24.3		
Native negro population.....	14,918	12,654	10,673	9,743	5,175		
Born in state.....	5,253	4,611	3,829	3,397	1,856		
Born outside state ²	9,665	8,043	6,844	6,346	3,319		
Per cent outside state.....	64.8	63.6	64.1	65.1	64.1		

¹ Exclusive of 4 whites and 397 Indians, not distributed by state of birth.
² Includes persons born in United States, state not specified; persons born in outlying possessions, or at sea under United States flag; and American citizens born abroad.
³ Includes native Indians and Chinese, but the numbers are small.

TABLE 4.—STATE OR DIVISION OF BIRTH.

PLACE OF BIRTH.	NUMBER.		PER CENT OF TOTAL.	
	1910	1900	1910	1900
Total native.....				
Iowa.....	1,951,006	1,925,933	100.0	100.0
Other states.....	1,416,584	1,318,377	72.6	68.5
Illinois.....	534,422	607,556	27.4	31.5
Ohio.....	138,310	142,234	7.1	7.4
Pennsylvania.....	61,851	88,146	3.2	4.6
Missouri.....	40,165	53,651	2.1	2.8
Wisconsin.....	39,664	34,012	2.0	1.8
Indiana.....	38,523	45,515	2.0	2.4
New York.....	37,852	48,079	1.9	2.5
Nebraska.....	36,143	53,878	1.9	2.8
Minnesota.....	21,724	19,593	1.1	1.0
Kansas.....	16,669	13,193	0.9	0.7
Michigan.....	13,406	13,317	0.7	0.7
South Dakota.....	9,511	10,583	0.5	0.5
Kentucky.....	8,454	7,190	0.4	0.4
Virginia.....	7,534	9,060	0.4	0.5
All other ¹	7,056	9,295	0.4	0.5
DIVISIONS.				
New England.....	14,523	21,798	0.7	1.1
Middle Atlantic.....	79,491	111,829	4.1	5.8
East North Central.....	286,047	334,557	14.7	17.4
West North Central.....	1,517,862	1,406,649	77.8	73.0
South Atlantic.....	17,754	21,315	0.9	1.1
East South Central.....	13,655	14,410	0.7	0.7
West South Central.....	4,626	2,774	0.2	0.1
Mountain.....	4,721	3,129	0.2	0.2
Pacific.....	2,679	2,269	0.1	0.1
Other ¹	9,648	7,203	0.5	0.4

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

TABLE 5.—FOREIGN WHITE STOCK, BY NATIONALITY.

FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN.	WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910						Foreign-born white population: 1900
	Total.		Foreign born.		Native.		
	Number.	Per cent.	Number.	Per cent.	Both parents foreign born.	One parent foreign born.	
All countries.....	905,665	100.0	273,484	100.0	395,541	236,640	305,782
Austria.....	39,886	4.4	15,967	5.8	17,003	6,916	13,156
Belgium.....	1,788	0.2	929	0.3	599	267	491
Canada—French.....	4,136	0.5	944	0.3	928	2,264	1,515
Canada—Other.....	36,312	4.0	10,652	3.9	4,692	20,968	14,156
Denmark.....	41,741	4.6	17,961	6.6	17,814	5,966	17,102
England.....	63,423	7.0	16,784	6.1	17,977	28,662	21,027
France.....	6,118	0.7	1,618	0.6	1,771	2,729	1,904
Germany.....	360,005	39.8	98,758	36.1	169,966	91,281	123,276
Greece.....	3,510	0.4	3,356	1.2	73	81	18
Holland.....	28,748	3.2	11,337	4.1	11,498	5,913	9,388
Hungary.....	2,027	0.2	1,178	0.4	686	163	453
Ireland.....	92,015	10.2	17,756	6.5	45,116	29,143	28,321
Italy.....	7,560	0.8	5,846	2.1	1,482	232	1,198
Luxemburg.....	1,972	0.2	682	0.2	800	490	705
Mexico.....	553	0.1	509	0.2	15	29	25
Norway.....	66,902	7.4	21,924	8.0	30,892	14,586	25,633
Russia.....	9,822	1.1	6,310	2.3	3,894	428	2,455
Scotland.....	18,864	2.1	5,162	1.9	5,583	8,119	6,425
Sweden.....	66,195	7.3	26,763	9.8	28,599	10,573	29,875
Switzerland.....	11,134	1.2	3,675	1.3	3,671	3,788	4,342
Turkey in Asia.....	744	0.1	600	0.2	125	19	93
Turkey in Europe.....	514	0.1	479	0.2	27	8	
Wales.....	8,576	0.9	2,434	0.9	2,903	3,230	3,091
All other.....	133,122	3.7	1,860	0.7	130,486	776	1,133

¹ Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

TABLE 6.—MALES OF VOTING AND MILITIA AGES.

CLASS OF POPULATION.	MALES OF VOTING AGE—21 AND OVER.				MALES OF MILITIA AGE—18 TO 44.	
	Number.		Per cent.		1910	1900
	1910	1900	1910	1900		
Total.....	663,672	635,298	100.0	100.0	475,829	475,760
White.....	657,914	630,665	99.1	99.3	471,541	472,240
Negro.....	5,443	4,441	0.8	0.7	4,011	3,373
Indian, Chinese, Japanese, and all other.....	315	192	(1)	(1)	277	147
Native white.....	511,034	472,759	77.0	74.4	402,381	392,770
Native parentage.....	333,621	321,513	50.3	50.6	249,216	243,701
Foreign or mixed parentage.....	177,413	151,246	26.7	23.8	153,165	149,069
* Foreign-born white.....	146,880	157,906	22.1	24.9	69,160	79,470

¹ Less than one-tenth of 1 per cent.

TABLE 7.—AGE, FOR THE STATE.

AGE PERIOD.	TOTAL POPULATION.				NATIVE WHITE.				FOREIGN-BORN WHITE.		NEGRO.		IND., CHI., JAP., AND ALL OTHER.			
	1910	1900	Male.	Female.	Native parentage.		Foreign or mixed parentage.		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
					Male.	Female.	Male.	Female.								
All ages, number.....	2,224,771	2,231,853	1,148,171	1,076,600	663,909	639,617	318,283	313,898	157,429	116,055	8,120	6,853	430	177		
Under 5 years.....	236,063	263,422	119,501	116,472	90,509	88,335	27,505	26,899	630	577	621	624	26	37		
Under 1 year.....	48,190	54,768	24,444	23,746	18,889	18,400	5,373	5,168	54	31	123	128	5	10		
5 to 9 years.....	228,422	250,642	115,852	112,570	82,300	79,947	31,275	30,480	1,569	1,462	680	692	22	19		
10 to 14 years.....	222,677	230,549	112,269	110,308	74,467	73,113	35,308	34,984	1,797	1,571	591	624	16	16		
15 to 19 years.....	225,010	227,787	114,048	110,962	69,914	69,198	38,785	38,426	4,061	2,648	646	670	12	20		
20 to 24 years.....	211,404	211,610	108,172	103,232	60,702	60,302	36,370	36,467	11,239	5,728	792	714	68	21		
25 to 29 years.....	183,993	185,775	94,593	89,400	50,346	49,306	29,874	31,257	13,490	8,125	799	702	78	10		
30 to 34 years.....	159,711	162,536	82,199	77,512	41,428	40,137	20,864	27,453	13,132	9,336	733	680	42	6		
35 to 39 years.....	147,935	142,548	77,393	70,542	37,383	34,985	25,471	25,230	13,719	9,095	785	616	35	10		
40 to 44 years.....	128,620	123,124	66,980	61,640	31,625	30,194	20,114	19,848	14,601	11,161	607	426	33	11		
45 to 49 years.....	115,588	101,010	62,544	53,044	28,492	25,507	17,609	15,693	15,941	11,482	576	360	26	8		
50 to 54 years.....	100,563	82,855	54,184	46,379	20,102	23,115	13,567	12,323	14,102	10,665	398	268	15	2		
55 to 59 years.....	74,640	68,792	40,347	34,293	20,192	17,800	7,143	6,654	12,718	9,623	283	158	11	8		
60 to 64 years.....	61,094	55,154	31,905	28,190	16,170	15,325	3,810	3,482	11,710	10,215	204	163	2	4		
65 to 74 years.....	84,072	74,496	44,382	40,290	22,142	21,268	3,700	3,378	18,295	15,461	287	177	8	6		
75 to 84 years.....	34,868	27,743	18,300	16,568	9,128	8,680	1,110	984	7,067	6,893	82	58	4	3		
85 to 94 years.....	5,669	3,539	2,789	2,880	1,302	1,487	172	151	1,299	1,229	16	13				
95 years and over.....	191	138	93	98	29	53	0	8	54	30	1	7				
Age unknown.....	3,751	5,221	2,530	1,221	1,678	855	280	175	499	154	63	35	1	2		
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.6	11.8	10.4	10.8	13.6	13.8	8.7	8.6	0.4	0.5	7.6	9.1	6.0	20.9		
5 to 9 years.....	10.3	11.5	10.1	10.5	12.4	12.5	9.8	9.7	1.0	1.3	8.4	9.7	5.1	10.7		
10 to 14 years.....	10.0	10.7	9.8	10.2	11.2	11.4	11.1	11.1	1.1	1.4	7.3	9.1	3.7	9.0		
15 to 19 years.....	10.1	10.2	9.9	10.3	10.5	10.8	12.2	12.2	3.0	2.3	8.0	9.8	9.8	11.3		
20 to 24 years.....	9.5	9.5	9.4	9.6	9.1	9.4	11.1	11.6	7.1	4.9	9.8	10.4	16.0	11.9		
25 to 34 years.....	15.4	15.0	15.4	15.5	13.8	14.0	17.8	18.7	16.9	15.0	18.9	18.7	27.9	9.0		
35 to 44 years.....	12.4	11.9	12.6	12.3	10.4	10.2	14.3	14.4	18.0	18.0	17.1	15.2	15.8	11.9		
45 to 64 years.....	15.8	13.8	16.5	15.1	13.7	13.8	13.2	12.2	34.6	36.2	18.0	13.8	12.6	9.0		
65 years and over.....	5.0	4.7	5.7	5.0	4.9	4.9	1.6	1.4	17.5	20.3	4.1	3.7	2.8	5.1		

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

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.				NEGRO.			
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages, number.....	340,640	807,531	339,414	737,186	284,523	697,669	295,159	658,356	50,689	106,740	39,664	76,391	5,215	2,905	4,571	2,282
Under 5 years.....	29,631	80,960	29,137	87,335	29,041	89,273	28,529	86,705	247	383	230	347	341	280	372	252
Under 1 year.....	6,072	18,372	5,976	17,770	5,978	18,284	5,882	17,695	24	30	8	23	69	54	86	42
5 to 9 years.....	28,648	87,204	28,527	84,043	27,002	85,973	27,502	82,805	623	946	570	892	421	265	394	268
10 to 14 years.....	27,953	84,316	29,117	81,191	26,982	82,883	28,180	79,017	618	1,170	563	1,008	353	233	374	250
15 to 19 years.....	30,338	83,210	34,152	76,810	29,113	79,586	32,709	74,015	1,355	3,306	1,007	1,641	362	284	435	235
20 to 24 years.....	34,949	73,223	36,291	66,941	30,295	65,777	33,426	63,343	4,082	7,157	2,372	3,356	533	259	487	227
25 to 34 years.....	60,083	116,109	59,329	107,583	49,461	99,051	51,823	96,330	10,055	16,573	6,004	10,857	1,077	455	599	383
35 to 44 years.....	47,516	96,857	46,159	86,023	37,294	77,290	38,321	71,942	9,240	19,080	7,111	13,745	941	451	727	315
45 to 64 years.....	59,736	129,244	56,185	106,720	42,472	90,522	41,946	78,013	16,313	38,158	13,570	28,415	921	540	666	279
65 years and over.....	19,522	46,042	19,010	39,926	11,335	26,266	12,146	23,813	7,064	16,651	7,574	16,039	223	113	190	65
Age unknown.....	1,164	1,366	607	614	928	1,030	517	513	192	307	63	91	43	20	27	8
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.7	11.1	8.6	11.8	10.2	12.8	9.7	13.2	0.5	0.4	0.6	0.5	6.5	9.6	8.1	11.0
5 to 9 years.....	8.4	10.8	8.4	11.4	9.7	12.3	9.3	12.0	1.2	0.9	1.4	1.2	8.1	9.1	8.6	11.7
10 to 14 years.....	8.2	10.4	8.6	11.0	9.5	11.9	9.5	12.1	1.2	1.1	1.4	1.3	6.8	8.2	8.2	11.0
15 to 19 years.....	9.1	10.3	10.1	10.4	10.2	11.4	11.1	11.4	2.7	3.1	2.5	2.1	6.9	9.8	9.5	10.3
20 to 24 years.....	10.3	9.1	10.7	9.1	10.0	9.4	11.3	9.6	8.1	6.7	6.0	4.4	10.2	8.9	10.7	9.9
25 to 34 years.....	17.8	14.4	17.5	14.6	17.4	14.2	17.6	14.6	19.8	15.5	16.6	14.2	20.7	15.7	19.7	16.8
35 to 44 years.....	13.9	12.0	13.6	11.7	13.1	11.1	13.0	10.9	18.2	17.9	17.9	18.0	18.0	15.5	15.9	13.8
45 to 64 years.....	17.6	16.0	16.6	14.6	14.9	13.0	14.2	11.8	32.2	35.7	34.2	37.2	17.7	18.6	14.6	12.2
65 years and over.....	5.7	5.7	5.9	5.4	4.0	3.8	4.1	3.6	15.7	18.4	19.1	21.0	4.3	3.9	4.2	2.8

TABLE 9.—SCHOOL ATTENDANCE.

AGE PERIOD.	TOTAL.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.			
	Number.	Attending school.		Native parentage.		Foreign or mixed parentage.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.	
		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
THE STATE.																
6 to 20 years, inclusive.....	675,222	469,778	69.6	442,128	321,966	72.8	212,946	139,325	65.4	16,142	5,928	36.7	3,866	2,495	64.5	
Male.....	341,499	236,090	69.1	222,771	161,249	72.4	107,058	70,410	65.8	9,683	3,198	33.0	1,904	1,187	62.3	
Female.....	333,723	233,688	70.0	219,357	160,717	73.3	105,888	68,915	65.1	6,459	2,730	42.3	1,962	1,308	66.7	
6 to 9 years.....	182,252	157,887	86.6	128,703	111,545	86.7	49,004	43,378	88.9	2,562	2,026	79.1	1,053	921	87.5	
10 to 14 years.....	222,677	209,118	94.0	147,580	130,280	94.4	70,382	65,872	93.6	3,368	2,838	84.3	1,215	1,105	90.9	
15 to 17 years.....	139,436	78,195	58.6	83,560	53,925	64.2	46,106	23,407	50.9	2,928	704	24.1	1,215	355	48.8	
18 to 20 years.....	136,957	24,578	17.9	82,285	17,510	21.3	46,464	6,578	14.2	7,292	360	4.9	870	114	13.1	
Under 6 years.....	19,300	.....	.....	14,087	.....	.....	4,937	.....	.....	156	.....	.....	.....	117	.....
21 years and over.....	10,194	6,466	2,974	671	76	
Total attending school.....	499,272	342,519	147,2									

STATISTICS OF POPULATION.

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

CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.		CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.	
	Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.		Num-ber.	Per-cent.	Num-ber.	Per-cent.	Num-ber.	Per-cent.
THE STATE.							URBAN POPULATION.						
Total illiterate, 1910.....	29,889	1.7	15,633	1.7	14,256	1.7	Total illiterate, 1910.....	10,303	1.8	5,381	1.9	4,922	1.7
Native white.....	11,541	0.8	6,480	0.9	5,061	0.7	Native white.....	3,330	0.7	1,727	0.8	1,603	0.7
Native parentage.....	8,391	0.9	4,771	1.0	3,620	0.8	Native parentage.....	2,414	0.8	1,293	0.8	1,121	0.7
Foreign or mixed parentage.....	3,150	0.6	1,709	0.7	1,441	0.6	Foreign or mixed parentage.....	916	0.6	434	0.6	482	0.6
Foreign-born white.....	16,894	6.3	8,355	5.4	8,539	7.5	Foreign-born white.....	5,979	6.7	3,120	6.2	2,859	7.4
Negro.....	1,272	10.3	682	9.7	610	11.0	Negro.....	876	10.6	419	9.4	457	12.0
Total illiterate, 1900.....							RURAL POPULATION.						
Total illiterate, 1900.....	40,172	2.3	18,675	2.1	21,497	2.6	Total illiterate, 1910.....	19,586	1.6	10,252	1.8	9,334	1.6
Native white.....	16,522	1.2	8,954	1.2	7,568	1.1	Native white.....	8,211	0.8	4,753	0.9	3,458	0.7
Native parentage.....	12,494	1.4	6,769	1.4	5,725	1.3	Native parentage.....	5,977	0.9	3,478	1.0	2,499	0.8
Foreign or mixed parentage.....	4,028	0.8	2,185	0.9	1,843	0.8	Foreign or mixed parentage.....	2,234	0.6	1,275	0.7	959	0.6
Foreign-born white.....	21,431	7.1	8,521	5.0	12,910	9.7	Foreign-born white.....	10,915	6.0	5,235	5.0	5,680	7.6
Negro.....	1,062	18.5	1,058	18.1	904	19.0	Negro.....	396	9.6	243	10.3	153	8.7

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

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.								
	Total 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.			
THE STATE.															
Total, 1910.....	800,459	308,673	38.6	447,132	55.9	35,574	4.8	811	737,250	219,845	29.8	442,599	60.0	67,423	5.285
Total, 1900.....	772,250	303,753	40.1	423,681	54.9	32,932	4.1	811	689,990	214,807	30.7	419,512	59.0	60,450	3,926
15 to 19 years.....	114,048	112,293	98.5	691	0.6	14	6	6	110,962	101,394	91.4	8,625	7.8	75	56
20 to 24 years.....	108,172	85,430	79.0	21,624	20.0	208	182	182	103,232	55,362	53.6	46,618	45.2	424	424
25 to 34 years.....	176,792	64,641	36.6	108,903	61.6	1,724	908	908	166,912	36,461	21.8	126,056	75.5	2,720	1,440
35 to 44 years.....	144,373	24,530	17.0	114,599	79.4	3,691	1,235	1,235	132,182	14,281	10.8	110,180	83.4	6,209	1,402
45 years and over.....	254,544	21,053	8.3	200,731	78.9	29,804	2,556	2,556	222,741	12,053	5.4	150,687	67.7	57,818	1,949
Age unknown.....	2,630	726	28.7	534	23.1	133	24	24	1,221	324	26.5	483	35.5	177	14
Native white:															
Native parentage ²	416,633	162,344	39.0	231,338	55.5	17,588	3,010	3,010	398,222	123,227	30.9	235,560	59.2	34,790	3,396
15 to 24 years.....	130,616	114,231	87.5	15,123	11.6	158	115	115	129,500	92,909	71.7	35,209	27.2	317	342
25 to 44 years.....	160,782	38,703	24.1	117,355	73.0	2,923	1,393	1,393	154,622	24,195	15.6	123,768	80.0	4,619	1,868
45 years and over.....	123,557	8,937	7.2	98,508	79.7	14,428	1,486	1,486	113,245	5,883	5.2	76,298	67.4	29,752	1,174
Foreign or mixed parentage ²	223,805	105,833	47.3	110,941	49.6	5,176	952	952	221,535	84,468	38.1	124,705	56.3	10,547	1,157
15 to 24 years.....	74,155	67,990	91.7	5,472	7.4	37	40	40	74,893	58,129	77.6	16,058	21.4	129	102
25 to 44 years.....	102,323	32,324	31.6	67,799	66.3	1,511	488	488	103,794	22,409	21.6	77,737	74.9	2,824	698
45 years and over.....	47,033	5,398	11.5	37,557	79.8	3,614	421	421	42,673	3,868	9.1	30,835	72.3	7,573	356
Foreign-born white ²	153,433	37,907	24.7	101,522	66.2	12,337	786	786	112,445	11,017	9.8	79,257	70.5	21,366	603
15 to 24 years.....	15,900	14,204	89.3	1,494	9.4	18	4	4	15,376	4,842	31.5	3,453	22.5	23	16
25 to 44 years.....	54,948	17,102	31.1	36,514	66.5	842	183	183	53,317	3,898	7.3	32,913	61.7	1,271	203
45 years and over.....	82,086	6,479	7.9	63,414	77.3	11,448	596	596	65,598	2,252	3.4	42,833	65.3	20,059	353
Negro¹:															
15 to 24 years.....	6,222	2,350	37.8	3,221	51.8	462	143	143	4,943	1,112	22.5	3,008	60.9	677	128
25 to 44 years.....	1,438	1,203	83.7	212	14.7	9	9	9	1,384	830	60.0	501	36.2	28	20
45 years and over.....	2,024	920	31.5	1,771	80.6	138	79	79	2,324	237	10.2	1,788	76.9	212	79
Age unknown.....	1,797	217	12.1	1,219	67.8	304	53	53	1,200	39	3.3	704	58.7	427	29
URBAN POPULATION.															
Total.....	254,408	96,791	38.0	141,792	55.7	11,974	2,216	2,216	252,633	81,382	32.2	140,168	55.5	27,474	2,828
15 to 24 years.....	65,787	57,708	87.7	7,404	11.3	92	83	83	70,443	52,612	74.7	16,886	24.0	239	277
25 to 44 years.....	108,199	32,424	30.0	72,025	66.6	2,190	1,128	1,128	105,488	23,396	22.2	75,830	71.9	4,488	1,638
45 years and over.....	79,258	6,385	8.1	62,104	78.4	9,651	997	997	76,095	5,208	6.8	47,245	62.1	22,659	907
Age unknown.....	1,164	274	23.5	259	22.3	41	8	8	607	166	27.3	207	34.1	88	6
Native white—Native parentage.....	135,952	52,330	38.5	75,360	55.4	5,916	1,347	1,347	136,184	45,135	33.1	74,640	54.8	14,119	1,794
Native white—Foreign or mixed par- Foreign-born white.....	64,946	29,505	45.4	32,896	50.7	1,898	462	462	74,704	30,807	40.6	38,669	51.8	4,888	626
Negro.....	49,201	13,234	26.9	31,401	63.8	3,870	313	313	38,301	5,154	13.5	24,852	64.9	7,920	313
Age unknown.....	4,100	1,554	37.9	2,101	51.2	318	94	94	3,481	784	22.9	1,996	58.2	547	95
RURAL POPULATION.															
Total.....	546,051	211,882	38.8	305,340	55.9	23,600	2,675	2,675	484,617	138,463	28.6	302,431	62.4	39,949	2,457
15 to 24 years.....	156,433	140,015	89.5	14,911	9.5	130	85	85	143,751	104,114	72.4	38,357	26.7	260	203
25 to 44 years.....	212,966	56,747	26.6	151,477	71.1	3,225	1,015	1,015	193,606	27,346	14.1	160,406	82.9	4,441	1,211
45 years and over.....	175,286	14,668	8.4	138,627	79.1	20,153	1,559	1,559	146,646	6,845	4.7	103,442	70.5	35,159	1,035
Age unknown.....	1,360	452	33.1	325	23.8	92	16	16	614	158	25.7	226	36.8	89	8
Native white—Native parentage.....	280,681	110,014	39.2	155,978	55.6	11,672	1,663	1,663	262,038	78,092	29.8	160,920	61.4	20,671	1,602
Native white—Foreign or mixed par- Foreign-born white.....	158,859	76,328	48.0	78,045	49.1	3,308	490	490	146,831	54,161	36.9	86,036	58.6	5,659	531
Negro.....	104,232	24,673	23.7	70,121	67.3	8,467	473	473	74,144	5,863	7.9	54,405	73.4	13,476	290
Age unknown.....	2,122	796	37.5	1,120	52.8	144	49	49	1,512	828	54.8	1,012	66.9	130	33

¹ Total includes persons whose marital condition is unknown.

² Totals include persons of unknown age.

TABLE 12.—AGE, FOR CITIES OF 25,000 OR MORE.

AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		AGE PERIOD.	TOTAL.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Cedar Rapids	16,300	16,511	13,289	13,986	2,889	2,432	120	83	Des Moines	43,135	43,233	35,873	37,146	5,750	4,645	1,490	1,440
Under 5 years.....	1,431	1,463	1,404	1,427	19	30	8	6	Under 5 years.....	4,000	3,850	3,852	3,700	39	30	3	3
Under 1 year.....	270	274	265	273	2	2	3	1	Under 1 year.....	850	807	818	777	2	3	109	120
5 to 9 years.....	1,302	1,343	1,232	1,282	62	54	8	7	5 to 9 years.....	3,714	3,670	3,502	3,448	103	98	30	27
10 to 14 years.....	1,309	1,324	1,240	1,273	61	44	8	7	10 to 14 years.....	3,353	3,498	3,139	3,301	119	92	108	124
15 to 19 years.....	1,535	1,601	1,442	1,599	90	83	3	9	15 to 19 years.....	3,851	4,005	3,560	3,714	182	162	95	105
20 to 24 years.....	1,648	1,869	1,419	1,697	214	164	14	8	20 to 24 years.....	4,658	4,894	3,897	4,298	507	409	109	129
25 to 34 years.....	3,208	3,211	2,547	2,702	628	489	33	20	25 to 34 years.....	8,201	8,645	6,008	7,241	1,320	1,074	154	186
35 to 44 years.....	2,367	2,255	1,748	1,769	600	468	19	13	35 to 44 years.....	6,440	6,131	4,894	4,957	1,246	940	326	330
45 to 64 years.....	2,781	2,626	1,840	1,796	920	817	20	18	45 to 64 years.....	7,021	6,563	5,101	5,052	1,670	1,343	281	234
65 years and over.....	701	713	465	429	289	279	7	5	65 years and over.....	1,808	1,873	1,216	1,349	554	490	245	167
Age unknown.....	18	16	12	12	6	4			Age unknown.....	129	104	104	86	10	7	38	34
Clinton	13,067	12,510	10,089	10,175	2,725	2,155	253	179	Dubuque	18,977	19,517	15,569	16,733	3,341	2,748	60	33
Under 5 years.....	1,223	1,017	1,086	983	6	6	31	28	Under 5 years.....	1,031	1,560	1,619	1,549	9	8	3	3
Under 1 year.....	211	171	205	169	1	1	5	2	Under 1 year.....	351	342	350	340	1	1	1	1
5 to 9 years.....	1,108	1,113	1,045	1,075	16	14	47	24	5 to 9 years.....	1,607	1,611	1,585	1,592	19	15	3	4
10 to 14 years.....	1,009	1,095	978	1,065	18	17	13	13	10 to 14 years.....	1,028	1,707	1,611	1,674	13	29	4	4
15 to 19 years.....	1,226	1,335	1,154	1,278	53	44	19	13	15 to 19 years.....	1,758	2,029	1,907	1,988	57	40	4	1
20 to 24 years.....	1,465	1,310	1,178	1,219	262	87	25	13	20 to 24 years.....	1,919	2,106	1,791	1,990	213	143	3	3
25 to 34 years.....	2,406	2,082	1,884	1,725	564	318	48	38	25 to 34 years.....	3,392	3,300	2,798	2,940	578	345	3	6
35 to 44 years.....	1,632	1,585	1,152	1,196	443	366	37	23	35 to 44 years.....	2,748	2,786	2,184	2,345	548	433	16	8
45 to 64 years.....	2,290	2,139	1,320	1,273	944	840	26	17	45 to 64 years.....	3,291	3,282	2,105	2,288	1,174	989	11	5
65 years and over.....	713	817	288	354	418	453	7	10	65 years and over.....	999	1,125	265	353	730	770	4	2
Age unknown.....	5	8	4	7	1	1			Age unknown.....	4	11	4	5	5	6		
Council Bluffs	15,154	14,138	12,351	12,235	2,485	1,783	201	119	Sioux City	25,718	23,110	19,087	17,977	6,461	3,931	166	139
Under 5 years.....	1,368	1,370	1,352	1,359	9	8	5	3	Under 5 years.....	2,017	2,002	1,977	1,954	32	34	8	13
Under 1 year.....	286	260	284	260			2	2	Under 1 year.....	412	434	407	427	4	3	1	4
5 to 9 years.....	1,356	1,312	1,315	1,278	30	23	11	11	5 to 9 years.....	1,920	1,923	1,802	1,813	116	95	11	15
10 to 14 years.....	1,286	1,282	1,248	1,239	39	34	8	9	10 to 14 years.....	1,935	1,970	1,821	1,895	104	96	10	9
15 to 19 years.....	1,401	1,493	1,315	1,461	69	35	15	7	15 to 19 years.....	2,373	2,434	2,059	2,236	301	187	13	11
20 to 24 years.....	1,622	1,481	1,295	1,361	271	106	27	14	20 to 24 years.....	3,180	2,721	2,294	2,301	865	401	21	19
25 to 34 years.....	2,660	2,462	2,150	2,081	592	358	60	23	25 to 34 years.....	5,431	4,276	3,702	3,300	1,739	891	40	23
35 to 44 years.....	2,024	1,951	1,533	1,556	490	367	42	28	35 to 44 years.....	3,003	3,048	2,618	2,166	1,354	860	30	32
45 to 64 years.....	2,539	2,162	1,747	1,547	782	592	31	22	45 to 64 years.....	4,049	2,070	2,470	1,884	1,545	1,071	31	14
65 years and over.....	666	611	384	351	280	258	2	2	65 years and over.....	801	737	406	386	393	348	2	3
Age unknown.....	34	14	12	12	22	2			Age unknown.....	50	30	38	22	12	8		
Davenport	21,530	21,498	16,884	17,467	4,387	3,774	315	254	Waterloo	13,775	12,918	12,122	11,840	1,637	1,069	15	9
Under 5 years.....	1,326	1,808	1,801	1,775	8	15	17	16	Under 5 years.....	1,279	1,208	1,263	1,263	16	5		
Under 1 year.....	368	375	366	374			2	1	Under 1 year.....	251	279	248	279	3	2		
5 to 9 years.....	1,793	1,696	1,723	1,653	46	23	24	10	5 to 9 years.....	1,069	1,120	1,045	1,100	24	20		
10 to 14 years.....	1,907	1,767	1,839	1,714	37	32	31	21	10 to 14 years.....	936	1,071	923	1,056	13	15		
15 to 19 years.....	1,899	2,078	1,804	1,994	79	66	16	11	15 to 19 years.....	1,180	1,268	1,128	1,222	52	44		2
20 to 24 years.....	2,042	2,201	1,798	2,081	214	175	30	35	20 to 24 years.....	1,750	1,608	1,616	1,520	229	86	5	2
25 to 34 years.....	3,057	3,856	3,124	3,291	758	518	74	47	25 to 34 years.....	2,899	2,480	2,461	2,258	434	220	4	2
35 to 44 years.....	3,262	3,125	2,420	2,403	772	673	61	40	35 to 44 years.....	1,942	1,705	1,649	1,567	288	196	4	2
45 to 64 years.....	3,725	3,593	2,052	2,151	1,019	1,400	51	42	45 to 64 years.....	2,093	1,747	1,698	1,449	394	297	1	1
65 years and over.....	1,100	1,275	392	398	788	871	10	6	65 years and over.....	563	566	380	384	182	182	1	
Age unknown.....	10	0	12	7	6	1	1	1	Age unknown.....	64	25	59	21	4	4		

TABLE 13.—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.		
Cedar Rapids														
Total.....	12,258	4,491	36.6	7,194	58.7	463	93	12,381	3,963	32.0	7,085	57.2	1,191	125
15 to 24 years.....	3,183	2,810	88.3	365	11.2	5	6	3,560	2,701	75.9	823	23.1	13	67
25 to 44 years.....	5,675	1,456	26.1	3,975	71.3	89	51	5,466	1,075	19.7	4,109	75.2	212	157
45 years and over.....	3,482	215	6.2	2,857	82.1	369	36	3,339	1,075	5.4	2,148	64.3	965	43
Age unknown.....	18	10		7				16	6		5		1	
Native white—Native parentage.....	6,170	2,329	37.7	3,554	57.6	232	45	6,157	2,072	33.7	3,395	55.1	606	73
Native white—Foreign or mixed parentage.....	3,243	1,489	45.9	1,666	51.1	69	24	3,847	1,589	41.3	2,039	53.0	188	28
Foreign-born white.....	2,747	630	22.9	1,937	70.5	154	24	2,304	239	12.5	1,604	69.6	388	21
Negro.....	96	41		47		8		73	18		47		9	
Clinton														
Total.....	9,827	4,178	42.5	5,111	52.0	425	79	9,285	3,139	33.8	4,986	53.7	1,038	113
15 to 24 years.....	2,691	2,383	88.6	284	10.6	5	4	2,654	2,082	78.4	552	20.8	6	6
25 to 44 years.....	4,128	1,525	36.9	2,461	59.6	86	41	3,687	858	23.4	2,606	71.1	139	63
45 years and over.....	3,003	269	9.0	2,363	78.7	334	34	2,956	107	3.7	1,826	61.8	891	41
Age unknown.....	5	1		3				8	2		2		2	
Native white—Native parentage.....	3,825	1,672	43.7	1,954	51.1	146	46	3,652	1,383	37.9	1,837	50.3	365	63
Native white—Foreign or mixed parentage.....	3,155	1,674	53.1	1,392	44.1	71	17	3,400	1,504	44.2	1,670	49.1	194	28
Foreign-born white.....	2,685	784	28.5	1,687	62.8	197	11	2,118	232	11.0	1,410	66.6	461	14
Negro.....	162	68	42.0	78	48.1	11	5	114	30	17.5	68	59.6	18	8
Council Bluffs														

STATISTICS OF POPULATION.

TABLE 13.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE—Continued.

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.		
Davenport														
Total.....	16,004	6,358	39.7	8,718	54.5	758	109	16,227	5,430	33.5	8,743	53.9	1,863	147
15 to 24 years.....	3,941	3,435	88.4	426	10.8	2	2	4,369	3,303	75.6	1,010	23.1	18	12
25 to 44 years.....	7,219	2,333	32.3	4,683	64.9	134	56	6,981	1,648	23.6	4,327	70.6	313	79
45 years and over.....	4,825	537	11.1	3,607	74.8	622	51	4,868	477	9.8	2,804	57.6	1,530	55
Age unknown.....	19	3		2				9	2		2		2	
Native white—Native parentage.....	5,449	2,380	43.7	2,784	51.1	214	46	5,553	2,200	39.6	2,777	50.0	501	60
Native white—Foreign or mixed parentage.....	6,072	2,880	47.4	3,010	49.6	130	33	6,772	2,763	40.8	3,506	51.8	432	47
Foreign-born white.....	4,236	986	23.3	2,812	66.4	398	25	3,704	419	11.3	2,345	63.4	893	39
Negro.....	243	111	45.7	110	45.3	15	5	193	43	24.2	112	56.6	37	1
Des Moines														
Total.....	32,068	11,364	35.4	18,869	58.8	1,238	384	32,215	9,668	30.0	18,697	58.0	3,189	556
15 to 24 years.....	8,400	7,163	85.2	1,145	13.6	11	21	8,839	6,153	69.1	2,584	29.0	46	85
25 to 44 years.....	14,701	3,620	24.6	10,514	71.5	231	219	14,776	3,015	20.4	10,722	72.6	650	364
45 years and over.....	8,829	548	6.2	7,175	81.3	944	141	8,436	476	5.6	5,361	63.5	2,409	125
Age unknown.....	129	33	25.6	35	27.1	2	3	104	24	23.1	30	28.8	15	1
Native white—Native parentage.....	10,000	6,585	34.7	11,315	59.6	700	235	10,339	5,658	29.3	11,286	58.4	1,923	393
Native white—Foreign or mixed parentage.....	6,380	2,939	46.1	3,136	50.1	153	76	7,358	3,013	41.0	3,757	51.1	431	85
Foreign-born white.....	5,489	1,438	26.2	3,677	67.0	316	44	4,425	752	17.0	2,995	67.7	630	44
Negro.....	1,178	383	32.5	679	57.6	69	29	1,091	240	22.0	657	60.2	155	34
Dubuque														
Total.....	14,111	6,316	44.8	7,007	49.7	715	65	14,639	5,995	41.0	6,992	47.8	1,566	81
15 to 24 years.....	3,677	3,380	92.2	282	7.7	2	3	4,135	3,431	83.0	638	16.6	9	9
25 to 44 years.....	6,140	2,317	37.7	3,650	59.6	124	36	6,086	1,921	31.6	3,894	64.0	231	39
45 years and over.....	4,200	609	14.2	3,064	71.4	589	26	4,407	639	14.5	2,410	54.7	1,322	32
Age unknown.....	4	1		2				11	4		2		4	1
Native white—Native parentage.....	4,423	2,457	55.6	1,821	41.2	113	27	4,435	2,324	52.4	1,806	40.7	270	26
Native white—Foreign or mixed parentage.....	6,331	2,954	46.7	3,131	49.5	216	28	7,483	3,217	43.0	3,684	49.2	533	41
Foreign-born white.....	3,300	873	26.5	2,034	61.6	332	10	2,696	451	16.7	1,484	55.0	745	14
Negro.....	50	26		20		4		25	3		18		4	
Sioux City														
Total.....	19,837	9,117	46.0	9,683	48.8	745	141	16,215	5,477	33.8	9,037	55.7	1,458	144
15 to 24 years.....	5,553	4,943	89.0	536	9.7	6	1	5,155	3,793	73.6	1,273	24.7	18	14
25 to 44 years.....	9,384	3,590	38.3	5,504	58.7	167	76	7,323	1,505	20.6	5,322	72.7	369	93
45 years and over.....	4,850	575	11.9	3,626	74.8	572	63	3,707	174	4.7	2,429	65.5	1,065	32
Age unknown.....	50	9		17		1		30	5		13		6	
Native white—Native parentage.....	8,565	3,873	45.2	4,233	49.4	311	78	7,260	2,472	34.0	4,043	55.7	603	82
Native white—Foreign or mixed parentage.....	4,922	2,623	53.3	2,115	43.0	121	32	5,085	2,273	44.7	2,464	48.5	279	38
Foreign-born white.....	6,209	2,558	41.2	3,269	52.6	302	31	3,766	706	18.7	2,466	65.5	566	21
Negro.....	137	62	45.3	64	46.7	10		102	26	25.5	62	60.8	10	3
Waterloo														
Total.....	10,491	4,131	39.4	5,808	55.4	407	89	9,459	2,838	30.0	5,656	59.8	819	113
15 to 24 years.....	2,930	2,528	86.3	377	12.9	1	4	2,876	2,002	69.6	840	29.2	8	13
25 to 44 years.....	4,841	1,383	28.6	3,317	68.5	78	52	4,245	727	17.1	3,311	78.0	136	60
45 years and over.....	2,656	197	7.4	2,095	78.9	327	32	2,313	104	4.5	1,491	64.5	674	39
Age unknown.....	64	23		19		1		25	5		14		1	1
Native white—Native parentage.....	6,458	2,623	40.6	3,486	54.0	235	65	5,759	1,885	32.7	3,291	57.1	487	77
Native white—Foreign or mixed parentage.....	2,433	937	38.5	1,403	57.7	71	16	2,662	790	29.7	1,683	63.2	144	33
Foreign-born white.....	1,584	565	35.7	911	57.5	99	8	1,029	160	15.5	676	65.7	188	3
Negro.....	15	6		7		2		9	3		6		3	

¹ Total includes persons whose marital condition is unknown.

TABLE 14.—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.....	471	382	1457	97	104	64	36	7	1	Tama.....	295	376	.....	3	1	2	.....	.....	.....
Madison.....	14	.....	.....	.....	.....	.....	.....	.....	.....	Woodbury.....	8	.....	.....	2	5	14	.....	.....	.....
Polk.....	4	.....	3	16	1	2	5	3	.....	Remainder of state.....	35	6	55	75	94	43	29	4	1
Pottawattamie.....	115	.....	2	1	3	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Includes 397 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.	Adair.	Adams.	Alla- makee.	Appa- noose.	Aud- bon.	Benton.	Black- hawk.	Boone.	Bremer.	Bu- chanan.
POPULATION											
Total population, 1910.....	2,224,771	14,420	10,998	17,328	28,701	12,671	23,156	44,865	27,626	15,843	19,748
1900.....	2,231,853	16,192	13,601	18,711	25,927	13,026	25,177	32,399	28,200	16,306	21,427
1890.....	1,912,297	14,534	12,292	17,907	18,961	12,412	24,178	24,219	23,772	14,630	18,997
1880.....	1,624,615	11,067	11,888	19,791	16,036	7,448	24,888	23,913	20,838	14,081	18,546
1870.....	1,194,020	3,982	4,614	17,868	16,456	1,212	22,464	21,700	14,584	12,528	17,034
Increase, 1900-1910.....	-7,082	-1,772	-2,603	-1,383	2,774	-955	-2,021	12,466	-574	-462	-1,679
Per cent of increase.....	-0.3	-10.9	-19.1	-7.4	10.7	-7.0	-8.0	38.5	-2.0	-2.8	-7.8
Increase, 1890-1900.....	319,556	1,658	1,309	804	6,966	1,214	999	8,180	4,428	1,675	2,480
Per cent of increase.....	16.7	11.4	10.6	4.5	36.7	9.8	4.1	33.8	18.0	11.4	12.8
Land area (square miles).....	55,586	573	427	639	513	443	712	565	569	434	567
Population per square mile, 1910.....	40.0	25.2	25.8	27.1	55.9	28.0	32.5	79.4	48.6	36.5	34.8
Rural population per square mile, 1910.....	27.8	25.2	25.8	27.1	37.2	28.6	23.5	23.3	30.4	29.1	28.6
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	680,054				9,599		6,457	31,705	10,347	3,205	3,517
Same places in 1900.....	567,267				7,014		6,782	17,899	8,580	3,177	3,656
Per cent of increase, 1900-1910.....	19.9				36.9		-4.8	77.1	16.5	0.9	-3.8
Rural, 1910—Remainder of county in 1910.....	1,544,717	14,420	10,998	17,328	19,102	12,671	16,699	13,160	17,279	12,638	16,231
Same territory in 1900.....	1,664,580	16,192	13,601	18,711	18,913	13,026	18,395	14,600	19,320	13,128	17,771
Per cent of increase, 1900-1910.....	-7.2	-10.9	-19.1	-7.4	1.0	-7.0	-9.2	-9.2	-10.0	-3.7	-8.7
Urban, 1900—Places of 2,500 or more in 1900.....	572,380				5,256		6,782	17,899	8,580	3,177	3,656
Rural, 1900—Remainder of county in 1900.....	1,659,467	16,192	13,601	18,711	20,671	13,026	18,395	14,600	19,320	13,128	17,771
Per cent in places of 2,500 or more, 1910.....	30.6				33.4		27.9	70.7	37.5	20.2	17.8
Per cent in places of 2,500 or more, 1900.....	25.6				20.3		26.9	55.2	31.5	19.5	17.1
COLOR AND NATIVITY											
White.....	2,209,191	14,308	10,985	17,308	28,215	12,665	23,147	44,820	27,518	15,837	19,730
Number in 1900.....	2,218,667	16,179	13,673	18,698	25,559	13,023	25,155	32,375	27,964	16,209	21,401
Number in 1890.....	1,901,090	14,512	12,247	17,895	18,816	12,412	24,155	24,200	23,678	14,635	18,978
Negro.....	14,973	21	13	19	486	5	9	29	105	6	18
Number in 1900.....	12,638	13	8	10	368	3	22	22	23	6	20
Number in 1890.....	10,685	22	45	12	145		23	12	53	7	20
Black.....	11,420	16	13	3	406	3	9	23	62	6	13
Mulatto.....	3,444	5		10	80	2		6	43		5
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	607	1		1		1		16	3		
Native white—Native parentage.....	1,303,520	10,249	8,238	7,559	21,029	5,309	14,285	27,980	15,865	7,613	12,534
Number in 1900.....	1,291,069	11,391	10,080	6,651	20,862	6,408	14,489	18,091	16,091	7,214	12,899
Native white—Foreign or mixed parentage.....	632,181	3,101	2,140	7,318	3,705	4,729	6,316	11,905	7,954	6,029	5,200
Number in 1900.....	667,817	5,495	2,621	8,531	3,099	4,683	7,565	9,032	8,430	6,402	6,088
Native white—Foreign parentage.....	395,541	1,745	1,013	4,779	2,250	3,486	3,800	7,134	5,207	3,817	3,229
Native white—Mixed parentage.....	236,040	1,356	1,127	2,539	1,455	1,243	2,420	4,771	2,747	2,212	1,971
Foreign-born white.....	273,484	1,048	807	2,431	2,881	2,627	2,540	4,985	3,099	2,190	1,966
Number in 1900.....	306,782	1,293	892	5,510	1,801	2,692	3,361	4,178	4,443	2,693	2,476
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	58.6	71.1	74.9	43.6	75.4	41.9	61.7	62.3	57.4	48.1	63.5
Per cent in 1900.....	56.5	70.3	73.7	55.5	79.7	47.0	57.3	57.3	53.5	44.8	60.2
Native white—Foreign or mixed parentage.....	28.4	21.5	19.5	42.2	12.9	37.2	27.3	26.5	28.8	35.1	26.3
Per cent in 1900.....	29.2	21.6	19.5	45.6	17.9	35.6	29.7	29.7	29.9	39.3	28.1
Foreign-born white.....	12.3	7.3	5.5	14.0	10.0	20.7	11.0	11.1	13.4	13.8	10.1
Per cent in 1900.....	13.7	8.0	6.6	18.8	6.9	19.5	13.5	12.9	15.3	16.5	11.6
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	15,907	20	86	31	580	49	204	115	127	12	87
Belgium.....	929				110		26	5	13		22
Canada—French.....	944				3		8	19	7		10
Canada—Other.....	10,652	57	41	82	43	20	66	355	85	48	144
Denmark.....	17,961	88	34	12	21	1,650	37	954	73	41	168
England.....	10,784	70	84	71	460	53	108	404	216	103	206
France.....	1,618	10	17	9	83	4	13	17	3	2	16
Germany.....	98,758	487	98	1,008	79	690	1,449	1,828	652	1,728	773
Greece.....	3,356	12	5		12		239	2	36	23	11
Holland.....	11,337	2					6	4	20	3	12
Hungary.....	1,178				72		15	7			1
Ireland.....	17,750	167	72	302	51	53	149	357	139	66	315
Italy.....	5,840		9		610		21	90	44	37	40
Norway.....	21,924	6	56	711	1	17	190	74	99	7	83
Russia.....	6,310	8		8	81	3	4	140	61	39	17
Scotland.....	5,162	32	42	26	234	15	45	66	244	7	34
Sweden.....	26,763	44	23	97	327	35	76	118	1,832	22	49
Switzerland.....	3,075	12	29	00	9	8	20	54	26	33	24
Turkey.....	1,079	2			7		1	14	2		19
Wales.....	2,434	9	8	5	55	6	7	8	24	2	8
Other foreign countries.....	3,051	4	1	5	43	8	28	93	13	16	7
NATIVE WHITE: Both parents born in—											
Austria.....	17,003	37	159	25	345	19	259	55	52	9	81
Canada—French.....	928	1		16		1	4	17	14	1	8
Canada—Other.....	4,692	32	20	53	15	30	39	158	17	20	59
Denmark.....	17,814	90	22	9	26	1,833	42	878	58	30	165
England.....	17,977	104	118	80	408	86	114	476	212	103	225
France.....	1,771	18	23	16	22	1	3	22	4	2	14
Germany.....	169,966	800	169	1,980	171	1,093	2,368	3,507	1,223	3,176	1,340
Holland.....	11,498	6			4	8	5	11	4		12
Hungary.....	686				20			1			338
Ireland.....	45,116	350	185	1,051	117	110	352	893	435	175	7
Italy.....	1,482			3	252		1	34	18		36
Norway.....	30,392	3	84	1,060	1	14	268	97	107	5	
Russia.....	3,084	5		7	52		15	64	40	26	4
Scotland.....	5,583	50	20	35	198	25	61	90	314	27	70
Sweden.....	28,859	29	15	83	303	22	48	72	2,223	19	43
Switzerland.....	3,671	7	48	54	1	1	26	41	20	24	21
Wales.....	2,903	22	12	1	77	7	3	15	20	5	11
All others of foreign parentage.....	32,116	120	101	288	238	296	283	703	428	181	285

¹ State total includes population (401) of Indian reservations, specially enumerated in 1890, not distributed by counties.
² Includes 4 whites specially enumerated in 1890, not distributed by counties.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Adair.	Adams.	Alla- makee.	Appa- noose.	Audu- bon.	Benton.	Black- hawk.	Boone.	Bremer.	Bu- chanan.
SEX											
Total... Male.....	1,148,171	7,459	5,624	8,964	14,861	6,717	11,968	23,040	14,287	8,090	10,097
Female.....	1,076,600	6,961	5,374	8,364	13,840	5,954	11,188	21,825	13,359	7,753	9,661
White... Male.....	1,139,621	7,449	5,619	8,951	14,605	6,715	11,965	23,011	14,202	8,087	10,088
Female.....	1,069,570	6,949	5,366	8,357	13,610	5,950	11,182	21,609	13,316	7,750	9,642
Negro... Male.....	8,120	9	5	12	256	1	3	18	62	3	9
Female.....	6,853	12	8	7	230	4	6	11	43	3	9
MALES OF VOTING AGE											
Total number.....	663,672	4,099	3,169	5,050	8,088	3,561	6,909	14,219	8,142	4,556	6,199
Number in 1900.....	635,298	4,367	3,662	4,303	7,155	3,531	7,260	9,513	7,902	4,666	6,519
Native white—Native parentage.....	333,621	2,595	2,098	1,267	5,593	1,320	3,018	7,878	4,010	1,535	3,240
Number in 1900.....	321,573	2,818	2,473	1,297	5,326	1,533	3,767	4,669	3,837	1,652	3,453
Native white—Foreign or mixed parentage.....	177,413	935	732	2,493	796	826	1,919	3,645	2,099	1,849	1,899
Number in 1900.....	161,240	855	692	2,270	698	631	1,750	2,421	1,718	1,612	1,764
Native white—Foreign parentage.....	127,213	627	442	1,948	460	661	1,408	1,475	1,604	1,417	1,337
Native white—Mixed parentage.....	50,200	308	290	545	336	165	511	1,170	495	432	532
Foreign-born white.....	146,880	563	336	1,284	1,546	1,414	1,370	2,673	1,995	1,169	1,053
Number in 1900.....	157,906	690	491	1,823	997	1,363	1,743	2,112	2,283	1,398	1,325
Negro.....	5,443	5	3	5	163	1	2	17	36	3	7
Number in 1900.....	4,441	4	6	2	112	2	14	7	63	4	7
Indian, Chinese, Japanese, and all other.....	315	1		1				6	2		
PER CENT OF TOTAL.											
Native white—Native parentage.....	50.3	63.3	66.2	25.1	69.2	37.1	52.4	55.4	49.3	33.7	52.3
Native white—Foreign or mixed parentage.....	26.7	22.8	23.1	49.4	9.8	23.2	27.8	25.6	25.8	40.6	20.2
Foreign-born white.....	22.1	13.7	10.6	25.4	19.1	39.7	19.8	18.8	24.5	25.7	17.5
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	90,573	372	216	868	603	932	896	1,406	1,335	820	647
Having first papers.....	6,654	12	7	24	94	144	42	100	72	38	20
Alien.....	20,275	38	17	57	495	199	166	504	220	117	244
Unknown.....	29,378	141	90	335	354	139	266	663	368	194	172
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	14,204	59	45	114	382	43	156	218	207	47	91
Per cent illiterate.....	2.1	1.4	1.4	2.3	4.7	1.2	2.3	1.5	2.5	1.0	1.5
Per cent in 1900.....	2.7	1.8	1.6	6.1	5.2	1.7	2.7	1.4	3.1	3.5	2.3
Native white, number illiterate.....	5,675	36	21	55	196	10	66	46	62	13	40
Per cent illiterate.....	1.1	1.0	0.7	1.5	3.1	0.5	1.2	0.4	1.0	0.4	0.8
Foreign-born white, number illiterate.....	7,779	22	24	58	145	33	89	170	141	34	50
Per cent illiterate.....	5.3	3.9	7.1	4.5	9.4	2.3	6.5	4.2	7.1	2.9	4.6
Negro, number illiterate.....	626	1		1	41		1	2	4		1
Per cent illiterate.....	11.5				26.8						
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	1,760,286	11,119	8,539	13,700	21,610	9,566	18,356	36,490	21,438	12,410	15,954
Number illiterate.....	29,389	108	101	261	760	85	304	420	478	120	216
Per cent illiterate.....	1.7	1.0	1.2	1.9	3.5	0.9	1.7	1.2	2.2	1.0	1.4
Native white, number.....	1,478,157	10,057	7,924	11,279	18,522	6,986	15,825	31,556	17,705	10,231	13,944
Number illiterate.....	11,541	61	47	101	404	18	111	99	131	32	77
Per cent illiterate.....	0.8	0.6	0.6	0.9	2.2	0.3	0.7	0.3	0.7	0.3	0.6
Foreign-born white, number.....	269,246	1,045	603	2,409	2,718	2,576	2,526	4,894	3,643	2,173	1,993
Number illiterate.....	16,894	46	51	159	281	67	192	317	340	88	137
Per cent illiterate.....	6.3	4.4	8.5	6.6	10.3	2.6	7.6	6.5	9.3	4.0	6.9
Negro, number.....	12,380	16	12	11	370	3	5	29	87	6	17
Number illiterate.....	1,272	1	3	1	75		1	3	7		2
Per cent illiterate.....	10.3				20.3						
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	492,970	3,237	2,411	4,015	6,374	3,066	5,100	9,202	5,960	3,595	4,005
Number illiterate.....	2,189	8	2	14	40	12	12	45	20	6	17
Per cent illiterate.....	0.4	0.2	0.1	0.3	0.6	0.4	0.2	0.5	0.3	0.2	0.4
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	675,222	4,506	3,387	5,547	9,027	4,208	7,056	12,383	8,406	4,970	5,580
Number attending school.....	469,778	3,241	2,396	4,075	6,143	2,841	4,905	8,485	6,151	3,435	4,152
Per cent attending school.....	69.6	71.9	70.7	73.5	68.1	67.5	69.5	68.5	73.2	69.1	74.4
Number 6 to 9 years.....	182,252	1,269	976	1,532	2,653	1,142	1,956	3,181	2,446	1,375	1,575
Number attending school.....	157,867	1,132	792	1,372	2,110	1,007	1,692	2,791	2,210	1,171	1,395
Number 10 to 14 years.....	222,577	1,114	1,957	3,690	1,374	1,374	2,267	3,637	2,796	1,647	1,825
Number attending school.....	209,118	1,372	1,059	1,838	2,821	1,300	2,077	3,621	2,677	1,575	1,765
Number 15 to 17 years.....	133,436	879	640	1,065	1,672	846	1,430	2,466	1,557	1,019	1,134
Number attending school.....	78,195	578	427	704	941	420	587	1,489	938	557	766
Number 18 to 20 years.....	136,957	896	657	1,013	1,672	846	1,403	2,899	1,607	929	1,046
Number attending school.....	24,578	159	118	161	271	114	249	584	326	132	226
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	404,829	2,731	2,090	3,469	5,653	2,516	4,223	7,018	5,242	3,022	3,400
Number attending school.....	367,005	2,504	1,851	3,210	4,931	2,307	3,769	6,412	4,867	2,746	3,160
Per cent attending school.....	90.7	91.7	88.6	92.5	86.8	91.7	89.2	91.4	93.2	90.9	92.9
Native white—Native parentage, number.....	276,283	2,161	1,763	2,308	4,509	1,112	3,125	5,169	3,480	1,981	2,669
Number attending school.....	260,825	1,983	1,549	2,146	3,957	1,013	2,804	4,744	3,258	1,807	2,466
Per cent attending school.....	90.8	91.8	87.9	93.0	87.3	91.1	89.7	91.8	93.6	91.2	92.4
Native white—Foreign or mixed parentage, number.....	120,286	557	322	1,122	884	1,334	1,066	1,747	1,683	1,006	714
Number attending school.....	109,250	509	297	1,034	752	1,234	942	1,591	1,557	910	679
Per cent attending school.....	90.8	91.4	92.2	92.2	85.1	92.5	88.4	91.1	92.5	90.5	95.1
Foreign-born white, number.....	5,930	7	5	34	190	70	30	161	57	35	13
Number attending school.....	4,864	6	5	25	132	60	21	77	51	29	11
Per cent attending school.....	82.0				69.5			76.2			
Negro, number.....	2,268	6		5	100		2	22	21		4
Number attending school.....	2,026	6		5	90.0						4
Per cent attending school.....	89.3										
DWELLINGS AND FAMILIES											
Dwellings, number.....	498,943	3,411	2,628	3,727	6,594	2,669	5,527	9,948	6,274	3,697	4,481
Families, number.....	512,515	3,429	2,655	3,860	6,714	2,694	5,587	10,358	6,364	3,730	4,537

* 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.	Buena Vista.	Butler.	Calhoun.	Carroll.	Cass.	Cedar.	Cerro Gordo.	Cherokee.	Chickasaw.	Clarke.	Clay.
POPULATION											
Total population, 1910.....	15,981	17,119	17,090	20,117	19,047	17,765	25,011	16,741	15,375	10,738	12,704
1900.....	10,975	17,955	18,569	20,319	21,274	19,371	20,072	16,570	17,037	12,440	13,401
1890.....	13,548	15,483	13,107	18,828	19,045	18,253	14,864	15,659	15,019	11,332	9,309
1880.....	7,537	14,293	5,595	12,351	10,943	13,936	11,461	8,240	14,534	11,513	4,248
1870.....	1,585	9,951	1,602	2,451	5,464	19,731	4,722	1,967	10,180	8,735	1,523
Increase, 1900-1910.....	-994	-836	-1,479	-202	-2,227	-1,606	4,339	171	-1,662	-1,704	-535
Per cent of increase.....	-9.0	-4.7	-8.0	-1.0	-10.5	-8.3	21.0	1.0	-9.8	-13.7	-4.7
Increase, 1890-1900.....	3,427	2,492	5,462	1,491	1,629	1,118	5,808	911	2,018	1,108	4,092
Per cent of increase.....	25.3	16.1	41.7	7.9	8.3	6.1	39.1	5.8	13.4	9.8	44.0
Land area (square miles).....	571	577	568	571	564	570	507	573	497	428	563
Population per square mile, 1910.....	28.0	29.7	30.1	35.2	33.8	31.2	44.1	29.2	30.9	25.1	22.7
Rural population per square mile, 1910.....	28.0	29.7	30.1	29.0	25.7	31.2	24.3	20.7	30.0	25.1	17.3
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....				3,546	4,560		11,230	4,884			3,065
Same places in 1900.....				2,882	5,046		6,746	3,855			5,096
Per cent of increase, 1900-1910.....				23.0	-9.6		66.5	26.4			-2.9
Rural, 1910—Remainder of county in 1910.....	15,981	17,119	17,090	16,571	14,487	17,765	13,781	11,857	15,375	10,738	9,701
Same territory in 1900.....	10,975	17,955	18,569	17,437	16,228	19,371	13,926	12,705	17,037	12,440	10,506
Per cent of increase, 1900-1910.....	-6.9	-1.7	-8.0	-5.0	-10.7	-8.3	-1.0	-6.7	-9.8	-13.7	-5.3
Urban, 1900—Places of 2,500 or more in 1900.....			2,703	2,882	5,040	2,513	6,746	3,855		2,505	3,065
Rural, 1900—Remainder of county in 1900.....	10,975	17,955	16,866	17,437	16,228	16,858	13,926	12,705	17,037	9,935	10,506
Per cent in places of 2,500 or more, 1910.....			17.6	17.6	23.9	13.0	44.9	29.2		23.5	23.5
Per cent in places of 2,500 or more, 1900.....			14.6	14.2	23.7	13.0	32.3	23.3		20.1	23.1
COLOR AND NATIVITY											
White.....	15,979	17,117	17,078	20,086	19,025	17,744	24,863	16,736	15,375	10,693	12,766
Number in 1900.....	10,970	17,951	18,565	20,285	21,262	19,323	20,613	16,653	17,032	12,371	13,398
Number in 1890.....	15,532	16,468	13,107	18,709	19,631	18,215	14,855	16,654	15,013	11,271	9,309
Negro.....	1	1	11	31	22	21	148	5		43	
Number in 1900.....	3	1	3	32	22	17	58	17		69	
Number in 1890.....	16	1		29	12	9	0	5		61	
Black.....			11	28	5	10	123	3		33	
Mulatto.....		1		3	17	2	25	2		10	
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	2	1	1								
Native white—Native parentage.....	6,463	8,288	10,155	9,004	12,345	10,217	13,670	9,117	7,695	9,521	7,009
Number in 1900.....	6,854	8,637	10,009	8,171	13,030	11,342	10,366	8,027	7,625	10,950	7,150
Native white—Foreign or mixed parentage.....	6,330	6,116	4,967	8,064	4,811	5,175	7,499	5,830	6,846	881	4,655
Number in 1900.....	6,497	6,039	5,359	8,338	5,271	5,325	6,093	5,237	6,703	1,090	4,264
Native white—Foreign parentage.....	4,247	3,325	3,002	4,002	2,821	3,314	4,555	3,132	3,791	360	2,615
Native white—Mixed parentage.....	2,083	2,201	1,955	3,102	1,990	1,861	2,944	1,895	2,955	521	1,417
Foreign-born white.....	3,186	2,713	1,950	2,058	1,809	1,869	2,352	3,685	2,592	1,834	291
Number in 1900.....	3,049	3,375	2,297	3,376	2,355	2,656	3,064	2,436	2,699	331	2,004
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	40.4	48.4	59.4	45.1	64.8	57.5	54.7	54.5	50.0	88.7	54.9
Per cent in 1900.....	40.4	48.1	53.7	40.2	64.1	53.6	52.6	53.3	44.8	88.0	53.2
Native white—Foreign or mixed parentage.....	30.0	35.7	29.1	40.1	25.3	29.1	30.0	30.0	33.0	8.2	31.6
Per cent in 1900.....	38.1	33.6	23.9	43.0	24.8	27.5	32.4	31.6	39.4	8.8	31.8
Foreign-born white.....	19.0	15.8	11.4	14.7	9.8	13.2	14.7	15.5	11.9	2.7	13.5
Per cent in 1900.....	21.5	13.8	12.4	17.6	11.1	13.7	14.8	16.0	15.3	2.7	15.0
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	2	8	38	30	6	96	250	15	100	4	12
Belgium.....	1	2	5			15	5	6	4		16
Canada—French.....	5	13	25	4	2	7	12	18	5	1	85
Canada—Other.....	106	107	118	56	70	61	216	168	96	17	300
Denmark.....	597	126	60	43	304	179	385	132	25	8	86
England.....	135	96	133	118	162	88	306	202	106	46	
France.....	6	3	4	8	7	2	8	4	5	4	5
Germany.....	715	1,825	881	2,329	915	1,630	994	777	1,064	63	542
Greece.....	8	9	48	64	1	3	107	21	51	5	21
Holland.....	9	343	2	33	2	2	16	26	8	5	
Hungary.....		1	1				8	1	1	1	
Ireland.....	72	88	123	127	116	122	279	199	166	34	50
Italy.....			8	8	3	12	110	8	1	5	153
Norway.....	391	9	12	12	44	15	384	132	174	5	19
Russia.....	2	24	5	0	7	5	147	4	14	4	22
Scotland.....	42	18	43	25	46	59	46	82	12	4	
Sweden.....	1,040	23	345	31	97	14	197	739	5	24	295
Switzerland.....	13	12	22	19	10	26	17	36	30	3	17
Turkey.....	1			1	4		4				
Wales.....	35		7	15	11	4	12	8	4	3	43
Other foreign countries.....	6	6	7	20	62	12	182	14	14	4	3
NATIVE WHITE: Both parents born in—											
Austria.....	2		37	11	0	94	152	7	185	2	16
Canada—French.....	13	9	5	2	0	10	7	8	6	1	23
Canada—Other.....	37	59	63	22	27	35	105	60	52	6	47
Denmark.....	601	147	33	69	302	167	274	71	20	2	404
England.....	182	107	185	150	139	76	336	199	113	39	111
France.....	12	2	7	18	3	13	10	3	4	4	7
Germany.....	1,214	2,705	1,516	4,035	1,560	2,453	1,601	1,212	2,129	142	981
Holland.....	5	185	6	25	3	3	12	9	5	16	26
Hungary.....							1				111
Ireland.....	227	203	338	230	306	258	767	362	638	66	
Italy.....	1	1	1	1	1	5	16			1	185
Norway.....	485	18	80	8	50	7	493	125	341	6	
Russia.....	4			1	4	2	40		18	2	8
Scotland.....	34	25	60	31	45	62	80	70	17	5	34
Sweden.....	1,040	21	422	33	123	8	120	608	6	23	316
Switzerland.....	21	6	8	25	9	28	18	31	48	5	100
Wales.....	60	7	8	24	11	1	13	15	5	5	222
All others of foreign parentage.....	301	321	223	243	208	112	517	338	200	40	

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.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Buena Vista.	Butler.	Calhoun.	Carroll.	Cass.	Cedar.	Cerro Gordo.	Cherokee.	Chickasaw.	Clarke.	Clay.
SEX											
Total.. Male.....	8,391	8,790	8,983	10,224	9,750	9,200	13,315	8,872	7,755	5,487	6,875
Female.....	7,590	8,329	8,107	9,893	9,297	8,565	11,696	7,869	7,620	5,249	6,091
White.. Male.....	8,389	8,788	8,978	10,207	9,738	9,188	13,228	8,869	7,755	5,466	6,675
Female.....	7,590	8,329	8,100	9,879	9,287	8,556	11,635	7,867	7,620	5,227	6,091
Negro.. Male.....		1	4	17	12			3		21	
Female.....			7	14	10			2		22	
MALES OF VOTING AGE											
Total number.....	4,810	4,795	5,012	5,517	5,580	5,360	8,023	5,193	4,185	3,086	3,688
Number in 1900.....	4,823	5,151	5,310	5,155	5,974	5,647	6,177	4,625	4,778	5,521	5,859
Native white—Native parentage.....	1,587	2,049	2,577	1,530	3,171	2,682	3,697	2,350	1,423	2,591	1,723
Number in 1900.....	1,746	2,334	2,863	1,744	3,540	3,103	2,842	2,130	1,644	2,838	1,831
Native white—Foreign or mixed parentage.....	1,469	1,417	1,365	2,028	1,426	1,432	2,226	1,424	1,793	319	1,029
Number in 1900.....	1,132	1,216	1,178	1,626	1,181	1,158	1,700	1,162	1,743	376	819
Native white—Foreign parentage.....	1,129	1,000	972	1,460	956	1,029	1,531	1,004	1,389	148	742
Native white—Mixed parentage.....	340	417	393	568	470	403	695	420	404	171	287
Foreign-born white.....	1,752	1,328	1,065	1,648	972	1,237	2,044	1,416	969	160	936
Number in 1900.....	1,941	1,697	1,266	1,870	1,246	1,359	1,606	1,338	1,386	182	1,088
Negro.....			4	11	11			56		16	
Number in 1900.....	2	1	2	7	4	26	28	3	3	25	1
Indian, Chinese, Japanese, and all other.....	2	1	1								
PER CENT OF TOTAL.											
Native white—Native parentage.....	33.0	42.7	51.4	33.2	56.8	50.0	46.1	45.3	34.0	84.0	46.7
Native white—Foreign or mixed parentage.....	30.5	29.6	27.2	36.8	25.6	26.7	27.7	27.4	42.8	10.3	27.9
Foreign-born white.....	36.4	27.7	21.2	29.9	17.4	23.1	25.5	27.3	23.2	5.2	25.4
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	1,214	838	750	1,169	644	788	906	790	726	92	630
Having first papers.....	111	54	37	29	34	30	79	83	54	3	80
Alien.....	170	167	142	148	82	83	604	212	30	42	65
Unknown.....	257	269	136	302	212	336	455	331	159	23	161
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	78	51	59	35	85	72	281	113	51	79	41
Per cent illiterate.....	1.6	1.1	1.2	0.6	1.5	1.3	3.5	2.2	1.2	2.6	1.1
Per cent in 1900.....	2.0	1.5	1.5	1.2	1.4	2.6	1.7	2.5	2.6	1.7	1.6
Native white, number illiterate.....	14	20	18	13	39	20	25	37	22	46	13
Per cent illiterate.....	0.5	0.6	0.5	0.3	0.8	0.5	0.4	1.0	0.7	1.6	0.5
Foreign-born white, number illiterate.....	64	30	41	21	46	48	251	76	29	27	28
Per cent illiterate.....	3.7	2.3	3.8	1.3	4.7	3.9	12.3	5.4	3.0	16.9	3.0
Negro, number illiterate.....				1			4	5		6	
Per cent illiterate.....											
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	12,553	13,196	13,291	15,354	15,007	14,207	20,080	13,232	11,930	8,441	9,977
Number illiterate.....	210	112	123	82	161	171	486	205	130	136	112
Per cent illiterate.....	1.7	0.8	0.9	0.6	1.1	1.2	2.4	1.5	1.1	1.6	1.1
Native white, number.....	9,403	10,553	11,359	12,389	13,144	11,870	16,374	10,673	10,102	8,112	8,273
Number illiterate.....	31	41	37	38	75	57	57	74	44	91	30
Per cent illiterate.....	0.3	0.4	0.3	0.3	0.6	0.5	0.3	0.7	0.4	1.1	0.4
Foreign-born white, number.....	3,148	2,641	1,922	2,937	1,843	2,319	3,583	2,554	1,828	290	1,704
Number illiterate.....	179	70	86	51	86	107	420	131	86	36	82
Per cent illiterate.....	5.7	2.7	4.5	1.7	4.7	4.6	11.7	5.1	4.7	12.4	4.8
Negro, number.....		1	9	28	20	18	123	5		39	
Number illiterate.....				3		7	9			9	
Per cent illiterate.....							7.3				
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	3,584	3,908	4,003	4,767	4,189	3,939	5,368	3,612	3,660	2,405	3,059
Number illiterate.....	8	5	5	17	9	11	70	9	4	10	10
Per cent illiterate.....	0.2	0.1	0.1	0.4	0.2	0.3	1.3	0.2	0.1	0.4	0.3
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	4,949	5,438	5,492	6,605	5,686	5,343	7,312	4,981	5,066	3,273	4,177
Number attending school.....	3,595	3,805	3,930	4,428	3,798	3,590	5,054	3,402	3,713	2,489	3,072
Per cent attending school.....	72.6	70.0	71.6	67.0	66.8	67.2	69.1	68.3	73.3	76.0	73.5
Number 6 to 9 years.....	1,365	1,530	1,489	1,838	1,497	1,404	1,944	1,369	1,406	868	1,118
Number attending school.....	1,262	1,275	1,176	1,676	1,202	1,169	1,740	1,154	1,262	810	1,014
Number 10 to 14 years.....	1,585	1,864	1,848	2,186	1,836	1,794	2,303	1,570	1,735	1,114	1,444
Number attending school.....	1,533	1,735	1,765	1,998	1,659	1,645	2,172	1,471	1,659	1,080	1,356
Number 15 to 17 years.....	942	1,063	1,089	1,311	1,190	1,037	1,409	990	990	669	806
Number attending school.....	594	643	750	593	736	594	866	608	618	478	498
Number 18 to 20 years.....	1,057	981	1,066	1,270	1,163	1,108	1,656	1,052	935	622	809
Number attending school.....	216	152	239	161	201	182	276	169	174	121	204
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	2,950	3,394	3,337	4,024	3,333	3,198	4,247	2,939	3,141	1,982	2,562
Number attending school.....	2,785	3,010	2,941	3,674	2,861	2,814	3,912	2,625	2,921	1,890	2,370
Per cent attending school.....	94.4	88.7	88.1	91.3	85.8	88.0	92.1	89.3	93.0	95.4	92.5
Native white—Native parentage, number.....	1,418	1,831	2,231	2,230	2,423	2,135	2,850	1,901	2,109	1,852	1,608
Number attending school.....	1,344	1,621	1,968	2,068	2,060	1,887	2,644	1,715	1,974	1,768	1,482
Per cent attending school.....	94.8	88.5	88.2	92.7	85.0	88.4	92.8	90.2	93.6	95.5	92.2
Native white—Foreign or mixed parentage, number.....	1,487	1,442	1,066	1,759	877	1,011	1,254	976	1,014	124	921
Number attending school.....	1,401	1,284	945	1,579	779	885	1,162	860	930	116	856
Per cent attending school.....	94.2	89.0	88.6	89.8	88.8	87.5	92.7	88.1	91.7	93.5	92.9
Foreign-born white, number.....	45	120	38	27	32	51	120	62	18	3	33
Number attending school.....	40	104	26	21	21	41	84	50	17	3	32
Per cent attending school.....	86.7						70.0				
Negro, number.....		1	2	8	1	1	23			3	
Number attending school.....		1	2	6	1	1	22			3	
Per cent attending school.....											
DWELLINGS AND FAMILIES											
Dwellings, number.....	3,553	3,983	3,799	4,230	4,545	4,234	5,351	3,477	3,450	2,652	2,802
Families, number.....	3,622	4,007	3,830	4,323	4,593	4,277	5,585	3,534	3,475	2,676	2,848

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Clayton.	Clinton.	Crawford.	Dallas.	Davis.	Decatur.	Delaware.	Des Moines.	Dickinson.	Dubuque.	Emmet.
POPULATION											
Total population, 1910.....	25,576	45,394	20,041	23,628	13,315	16,347	17,888	36,145	8,137	57,450	9,818
1900.....	27,780	43,882	21,685	23,058	15,020	18,116	19,185	35,989	7,995	56,403	9,936
1890.....	26,793	41,199	18,894	20,479	15,268	16,643	17,340	35,324	4,328	49,848	4,274
1880.....	28,829	36,763	12,413	18,746	16,408	15,336	17,950	33,099	1,901	42,996	1,550
1870.....	27,771	35,857	2,530	12,019	15,565	12,018	17,432	27,256	1,389	38,969	1,392
Increase, 1900-1910.....	-2,174	1,562	-1,644	570	-2,305	-1,768	-1,297	156	142	1,047	-120
Per cent of increase.....	-7.8	3.6	-7.6	2.5	-14.8	-9.8	-6.8	0.4	1.8	1.9	-1.2
Increase, 1890-1900.....	1,017	2,633	2,791	2,579	362	2,472	1,836	665	6.8	6,555	5,663
Per cent of increase.....	3.8	6.4	14.3	12.6	2.4	15.8	10.6	1.9	84.7	13.1	132.5
Land area (square miles).....	762	691	715	589	501	533	571	409	376	601	393
Population per square mile, 1910.....	33.6	65.7	28.0	40.1	26.6	30.7	31.3	88.4	21.6	95.6	25.0
Rural population per square mile, 1910.....	33.6	28.7	23.6	32.3	26.6	30.7	26.5	28.9	21.6	31.5	16.3
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....		25,577	3,133	4,630			2,758	24,324		38,494	3,404
Same places in 1900.....		22,698	2,771	3,986			2,887	23,201		36,297	3,237
Per cent of increase, 1900-1910.....		12.7	13.1	16.2			-4.5	4.8		6.1	5.2
Rural, 1910—Remainder of county in 1910.....	25,576	19,817	16,908	18,998	13,315	16,347	16,130	11,821	8,137	18,956	6,412
Same territory in 1900.....	27,750	21,134	18,914	19,072	15,620	18,116	16,208	12,788	7,995	20,106	6,699
Per cent of increase, 1900-1910.....	-7.8	-6.2	-10.6	-0.4	-14.8	-9.8	-7.2	-7.6	1.8	-6.7	-4.3
Urban, 1900—Places of 2,500 or more in 1900.....		22,698	2,771	3,986			2,887	23,201		36,297	3,237
Rural, 1900—Remainder of county in 1900.....	27,750	21,134	18,914	19,072	15,620	18,116	16,208	12,788	7,995	20,106	6,699
Per cent in places of 2,500 or more, 1910.....		56.3	15.6	19.6			15.4	67.3		67.0	34.7
Per cent in places of 2,500 or more, 1900.....		61.8	12.8	17.3			15.0	64.5		64.4	32.6
COLOR AND NATIVITY											
White.....	25,540	44,957	20,016	23,497	13,271	16,312	17,886	35,706	8,132	57,347	9,797
Number in 1900.....	27,747	43,649	21,670	23,035	15,561	18,057	19,184	35,557	7,991	56,233	9,922
Number in 1890.....	26,782	40,981	18,879	20,441	15,108	15,587	17,346	34,940	4,327	49,712	4,870
Negro.....	20	436	25	131	43	34	2	429	5	96	19
Number in 1900.....	3	182	15	27	59	63	1	428	4	118	7
Number in 1890.....	11	209	15	37	60	66	2	531	1	133	4
Black.....	20	308	23	93	9	34	2	306	2	68	17
Mulatto.....	6	128	2	38	34			123	3	28	2
Indian, Chinese, Japanese, and all other (see Tables 1 and 4).....	1	1			1	1		10		7	
Native white—Native parentage.....	12,975	19,116	6,990	18,805	11,996	14,479	10,618	17,769	4,880	24,024	4,507
Number in 1900.....	11,060	16,697	7,059	18,576	13,858	16,031	10,266	15,635	4,691	19,006	4,452
Native white—Foreign or mixed parentage.....	9,485	17,440	9,052	3,420	987	1,355	5,409	12,543	2,380	24,938	3,646
Number in 1900.....	11,226	17,979	9,485	3,527	1,304	1,563	6,818	13,304	2,300	26,888	5,667
Native white—Foreign parentage.....	5,972	11,910	6,073	1,793	424	586	3,219	8,434	1,318	16,113	2,421
Native white—Mixed parentage.....	3,513	5,536	2,979	1,627	563	769	2,190	4,109	1,062	8,825	1,225
Foreign-born white.....	3,089	3,395	3,974	1,272	288	478	1,859	5,394	872	8,385	1,644
Number in 1900.....	4,561	10,073	5,186	1,188	405	463	2,610	6,568	1,000	10,449	1,804
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	50.7	42.1	34.9	79.6	90.1	88.6	59.4	49.2	60.0	41.8	45.9
Number in 1900.....	43.1	35.6	32.6	79.7	88.7	83.5	53.6	43.6	58.7	35.7	44.9
Native white—Foreign or mixed parentage.....	37.1	38.4	45.2	14.5	7.4	8.3	30.2	34.7	29.2	43.4	37.1
Number in 1900.....	40.5	41.0	43.7	16.3	8.3	8.6	32.9	37.0	28.8	47.6	39.0
Foreign-born white.....	12.1	18.5	19.8	5.4	2.2	2.9	10.4	14.9	10.7	14.6	16.7
Number in 1900.....	16.4	23.0	25.6	4.9	2.6	2.6	13.6	18.3	12.5	18.5	18.2
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	137	339	87	235	4	2	68	136	9	309	8
Belgium.....		35	3	5			2		2	39	1
Canada—French.....	2	16	9	5	4	9	6	14	2	42	1
Canada—Other.....	83	322	119	94	19	40	120	70	79	195	78
Denmark.....	9	716	91	21	6	15	2	153	74	27	438
England.....	87	508	150	126	14	146	218	194	80	491	57
France.....	8	24	2	9	12	3	9	46	3	93	1
Germany.....	1,970	4,470	2,606	320	114	29	877	2,519	356	4,530	315
Greece.....	1	38	19	2				89		30	4
Holland.....	3	27	6	7			7	5	8	63	7
Hungary.....	3	51	1	4			7	2	11	7	2
Ireland.....	183	788	301	141	12	34	237	248	29	1,219	56
Italy.....	2	101	10	61		31	22	61		285	30
Norway.....	336	182	42	20	3	10	5	25	137	23	497
Russia.....	13	100	9	7	2	1	7	176	1	206	6
Scotland.....	21	67	34	52	2	41	41	32	15	78	31
Sweden.....	82	375	366	118	16	17	123	1,363	54	121	86
Switzerland.....	130	29	90	16	73	4	93	116	6	405	4
Turkey.....	1	28	41					42		17	
Wales.....	5	12	13			17	8	8	4	23	8
Other foreign countries.....	11	174	6	16	7	4	9	82	2	182	14
NATIVE WHITE: Both parents born in—											
Austria.....	148	149	71	69	7	4	61	62	20	210	8
Canada—French.....	9	23	12	3		3	8	13	1	36	1
Canada—Other.....	37	200	28	50	7	3	49	15	36	66	18
Denmark.....	2	602	90	11		11	2	161	88	10	477
England.....	132	593	177	103	34	176	296	174	80	689	66
France.....	9	20	2	12	27	2	11	27	4	115	2
Germany.....	3,864	6,403	4,099	503	150	86	1,717	4,874	602	9,293	574
Holland.....	9	26	3	22		17	3	9	11	74	5
Hungary.....	3	3				1	4		4		
Ireland.....	566	2,090	699	407	38	86	579	640	71	3,599	136
Italy.....	3	9		5		1	33		7	11	
Norway.....	541	228	26	30	1	40	9	37	173	37	775
Russia.....	7	33	3	4	1		5	61	1	108	34
Scotland.....	40	72	34	65	2	24	80	54	27	102	76
Sweden.....	69	392	435	139	14	8	108	1,577	69	372	8
Switzerland.....	127	20	33	6	67	10	109	66	3	372	7
Wales.....	8	8	13	24	3	24	16	16	8	7	8
All others of foreign parentage.....	389	1,069	339	220	67	71	213	645	120	1,398	240

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.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Clayton.	Clinton.	Crawford.	Dallas.	Davis.	Decatur.	Dela-ware.	Des Moines.	Dickin-son.	Du-buque.	Emmet.
SEX											
Total.. Male.....	13,117	23,439	10,542	12,275	6,744	8,268	9,186	18,150	4,312	28,901	5,184
Female.....	12,459	21,955	9,499	11,353	6,571	8,079	8,702	17,995	3,825	28,549	4,632
White.. Male.....	13,109	23,184	10,525	12,192	6,719	8,250	9,186	17,905	4,310	28,834	5,175
Female.....	12,440	21,773	9,491	11,305	6,552	8,062	8,700	17,801	3,822	28,513	4,622
Negro.. Male.....	7	255	17	83	24	17	17	238	2	60	9
Female.....	19	181	8	48	19	17	2	191	3	36	10
MALES OF VOTING AGE											
Total number.....	7,330	14,301	5,679	7,161	3,755	4,508	5,075	11,341	2,343	17,455	2,811
Number in 1900.....	7,633	12,314	5,884	6,573	4,194	4,822	5,412	10,423	2,276	16,650	2,622
Native white—Native parentage.....	2,474	4,724	1,418	5,283	3,234	3,736	2,395	4,464	1,214	4,535	1,054
Number in 1900.....	2,220	3,823	1,029	4,942	5,674	4,033	2,416	3,834	1,175	3,908	1,229
Native white—Foreign or mixed parentage.....	3,227	4,952	2,094	1,094	338	494	1,683	3,536	643	8,293	859
Number in 1900.....	3,051	3,911	1,502	1,020	579	517	1,607	3,171	559	7,841	785
Native white—Foreign parentage.....	2,487	3,870	1,031	976	152	247	1,139	2,963	419	6,255	634
Native white—Mixed parentage.....	740	1,082	443	418	186	247	546	570	224	2,025	225
Foreign-born white.....	1,623	4,481	2,152	717	167	265	1,015	2,860	485	4,587	891
Number in 1900.....	2,313	5,012	2,653	804	221	219	1,398	3,269	539	5,345	956
Negro.....	5	144	15	67	15	13	13	172	1	47	7
Number in 1900.....	3	62	10	7	20	18	1	145	3	51	2
Indian, Chinese, Japanese, and all other.....	1				1			7		6	
PER CENT OF TOTAL.											
Native white—Native parentage.....	33.8	33.0	25.0	73.8	86.1	82.9	47.2	39.4	51.8	26.0	37.5
Native white—Foreign or mixed parentage.....	44.0	34.6	36.9	15.3	9.0	11.0	32.8	33.8	27.4	47.4	30.6
Foreign-born white.....	22.1	31.3	37.9	10.0	4.4	5.9	20.0	26.2	20.7	26.3	31.7
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	1,077	3,022	1,582	329	97	155	630	1,744	274	3,171	544
Having first papers.....	50	152	81	31	4	6	32	67	5	143	57
Alien.....	73	698	177	191	22	67	72	254	19	493	79
Unknown.....	423	609	312	166	44	37	281	795	187	780	211
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	136	338	170	99	114	184	111	199	15	194	48
Per cent illiterate.....	1.9	2.4	3.0	1.4	3.0	4.1	2.2	1.8	0.6	1.1	1.6
Per cent in 1900.....	5.5	2.7	2.9	1.9	4.5	4.4	2.6	2.7	4.5	1.8	1.1
Native white, number illiterate.....	77	48	16	58	105	134	62	90	7	55	23
Per cent illiterate.....	1.4	0.5	0.5	0.9	2.9	3.2	1.5	1.1	0.4	0.4	1.2
Foreign-born white, number illiterate.....	59	278	153	28	6	44	49	91	8	139	23
Per cent illiterate.....	3.6	6.2	7.1	3.9	3.6	16.6	4.8	3.2	1.6	3.0	2.6
Negro, number illiterate.....		12	1	13	3	6		17			
Per cent illiterate.....		8.3						9.9			
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	19,971	36,921	15,554	18,743	10,406	12,671	13,903	29,850	6,263	48,754	7,541
Number illiterate.....	353	719	410	179	202	335	201	443	25	497	117
Per cent illiterate.....	1.8	1.9	2.6	1.0	1.9	2.6	1.4	1.5	0.4	1.1	1.6
Native white, number.....	16,884	28,288	11,598	17,377	10,080	12,166	12,060	24,137	5,395	38,331	5,904
Number illiterate.....	163	125	41	99	181	265	105	176	9	145	56
Per cent illiterate.....	1.0	0.4	0.4	0.6	1.8	2.2	0.9	0.7	0.2	0.4	0.9
Foreign-born white, number.....	3,045	8,327	3,934	1,254	288	473	1,842	5,335	853	8,333	1,622
Number illiterate.....	185	566	368	61	14	62	96	224	19	351	60
Per cent illiterate.....	6.0	6.8	9.4	4.9	4.9	13.1	5.2	4.2	2.2	4.2	3.7
Negro, number.....	21	305	22	112	37	31	1	369	5	83	15
Number illiterate.....		28	1	19	7	8		41		1	
Per cent illiterate.....		9.2		17.0				11.1			
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	5,871	9,802	4,961	5,143	2,969	3,771	4,069	7,499	1,940	12,492	2,303
Number illiterate.....	13	51	23	12	6	20	17	17	2	26	16
Per cent illiterate.....	0.2	0.5	0.4	0.2	0.2	0.5	0.4	0.2	0.1	0.2	0.7
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	8,123	13,222	6,712	7,045	4,074	5,218	5,666	10,016	2,695	16,796	3,182
Number attending school.....	5,674	9,124	4,742	5,003	3,145	3,980	3,951	6,552	1,871	10,537	2,298
Per cent attending school.....	69.9	69.0	70.6	71.0	77.2	76.3	69.7	65.4	69.4	62.7	69.4
Number 6 to 9 years.....	2,252	3,420	1,751	1,902	1,105	1,447	1,597	2,517	755	4,304	879
Number attending school.....	1,985	3,187	1,604	1,512	968	1,311	1,306	2,296	667	3,535	709
Number 10 to 14 years.....	2,687	4,226	2,257	2,326	1,417	1,778	1,888	3,279	928	5,430	1,099
Number attending school.....	2,563	3,990	2,180	2,222	1,369	1,736	1,793	3,062	833	4,945	1,032
Number 15 to 17 years.....	1,652	2,782	1,350	1,380	785	985	1,072	2,042	498	3,438	578
Number attending school.....	898	1,502	750	955	588	642	919	298	298	1,358	356
Number 18 to 20 years.....	1,532	2,794	1,354	1,437	767	1,008	1,109	2,173	514	3,624	626
Number attending school.....	228	445	223	314	220	253	210	275	73	399	111
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	4,939	7,646	4,008	4,228	2,522	3,225	3,485	5,796	1,683	9,734	1,978
Number attending school.....	4,548	7,177	3,764	3,734	2,337	3,047	3,099	5,358	1,500	8,780	1,741
Per cent attending school.....	92.1	93.9	93.9	88.3	92.7	94.5	88.9	92.4	89.1	90.2	88.0
Native white—Native parentage, number.....	3,521	4,172	1,692	3,671	2,371	3,042	2,526	3,768	1,156	6,495	1,084
Number attending school.....	3,259	3,909	1,583	3,239	2,205	2,873	2,263	3,487	1,012	5,875	947
Per cent attending school.....	92.6	93.7	93.6	88.2	93.0	94.4	89.6	92.6	87.5	90.5	87.4
Native white—Foreign or mixed parentage, number.....	1,385	3,292	2,248	518	143	164	943	1,891	519	3,147	860
Number attending school.....	1,263	3,103	2,118	468	125	155	825	1,750	482	2,828	768
Per cent attending school.....	91.2	94.3	94.2	90.3	87.4	94.5	87.5	92.5	92.9	89.9	89.3
Foreign-born white, number.....	26	108	64	26		15	16	88	7	79	30
Number attending school.....	19	95	59	17		15	11	73	5	65	22
Per cent attending school.....		88.0									
Negro, number.....	7	74	4	13	2	7	4	51	1	13	4
Number attending school.....	7	70	4	10		4		43	1	12	4
Per cent attending school.....											
DWELLINGS AND FAMILIES											
Dwellings, number.....	5,683	10,125	4,319	5,643	3,231	3,885	4,027	8,464	1,807	11,229	2,141
Families, number.....	5,742	10,368	4,344	5,781	3,265	3,922	4,063	8,727	1,817	12,235	2,163

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Fayette.	Floyd.	Franklin.	Fremont.	Greene.	Grundy.	Guthrie.	Hamil- ton.	Hancock.	Hardin.	Harrison.
POPULATION											
Total population, 1910.....	27,919	17,119	14,780	15,623	16,023	13,574	17,374	19,242	12,731	20,921	23,182
1900.....	29,845	17,754	14,996	18,546	17,820	13,757	18,729	19,514	13,752	22,794	25,567
1890.....	23,141	15,424	12,871	16,842	15,797	13,215	17,380	15,819	7,621	19,003	21,356
1880.....	22,258	14,677	10,249	17,652	12,727	12,639	14,304	11,252	3,453	17,807	16,469
1870.....	16,973	10,768	4,738	11,174	4,627	6,399	7,061	6,055	999	13,684	8,981
Increase, 1900-1910.....	-1,926	-635	-216	-2,923	-1,797	-183	-1,355	-272	-1,021	-1,873	-2,435
Per cent of increase.....	-6.5	-3.6	-1.4	-15.8	-10.1	-1.3	-7.2	-1.4	-7.4	-8.2	-9.5
Increase, 1890-1900.....	6,704	2,320	2,125	1,704	2,023	542	1,349	4,195	6,131	3,791	4,241
Per cent of increase.....	29.0	15.1	16.5	10.1	12.8	4.1	7.8	27.4	80.4	19.9	19.9
Land area (square miles).....	724	495	578	507	574	501	595	570	570	569	691
Population per square mile, 1910.....	38.6	34.6	25.6	30.8	27.9	27.1	29.2	33.8	22.3	36.8	33.5
Rural population per square mile, 1910.....	30.2	22.7	21.0	30.8	27.9	27.1	29.2	24.6	22.3	31.9	28.9
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	6,028	5,892	2,617	.....	.....	.....	.....	5,208	.....	2,797	3,187
Same places in 1900.....	5,142	4,227	2,727	.....	.....	.....	.....	4,613	.....	2,840	4,010
Per cent of increase, 1900-1910.....	17.2	39.4	-4.0	.....	.....	.....	.....	12.9	.....	-1.5	-20.5
Rural, 1910—Remainder of county in 1910.....	21,891	11,227	12,163	15,623	16,023	13,574	17,374	14,034	12,731	18,124	19,975
Same territory in 1900.....	24,703	13,527	12,269	18,546	17,820	13,757	18,729	14,901	13,752	19,954	21,557
Per cent of increase, 1900-1910.....	-11.4	-17.0	-0.9	-15.8	-10.1	-1.3	-7.2	-5.8	-7.4	-9.2	-7.4
Urban, 1900—Places of 2,500 or more in 1900.....	5,142	4,227	2,727	.....	.....	.....	.....	4,613	.....	2,840	4,010
Rural, 1900—Remainder of county in 1900.....	24,703	13,527	12,269	18,546	15,219	13,757	18,729	14,901	13,752	19,954	21,557
Per cent in places of 2,500 or more, 1910.....	21.6	34.4	17.7	.....	.....	.....	.....	27.1	.....	13.4	13.6
Per cent in places of 2,500 or more, 1900.....	17.2	23.8	18.2	.....	.....	.....	.....	23.6	.....	12.5	16.7
COLOR AND NATIVITY											
White.....	27,812	17,101	14,768	15,553	16,022	13,562	17,371	19,203	12,716	20,875	23,147
Number in 1900.....	29,750	17,797	14,988	18,481	17,808	13,754	18,719	19,472	13,741	22,795	25,558
Number in 1890.....	23,066	15,419	12,871	16,799	15,780	13,200	17,351	16,299	7,619	18,022	21,323
Negro.....	107	17	10	39	1	11	2	37	11	46	15
Number in 1900.....	89	15	8	64	11	3	7	40	8	55	29
Number in 1890.....	75	4	.....	43	11	15	29	19	2	26	26
Black.....	13	17	9	35	.....	10	2	16	11	26	12
Mulatto.....	94	.....	1	4	1	1	.....	21	.....	20	3
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	.....	1	2	1	.....	1	1	2	4	.....	.....
Native white—Native parentage.....	16,234	9,790	6,562	13,241	11,428	5,647	13,777	9,502	5,154	11,978	16,633
Number in 1900.....	16,294	9,353	6,708	15,197	12,179	5,052	14,894	9,084	5,485	15,208	18,145
Native white—Foreign or mixed parentage.....	8,410	5,268	5,698	1,820	3,348	5,346	2,660	6,717	5,327	6,181	4,835
Number in 1900.....	9,570	5,706	5,589	2,242	4,088	5,549	2,819	6,960	6,613	6,213	5,892
Native white—Foreign parentage.....	5,020	3,242	3,659	834	1,804	3,598	1,359	4,214	3,470	3,014	2,566
Native white—Mixed parentage.....	3,590	2,021	2,038	956	1,454	1,748	1,301	2,503	1,857	2,217	2,269
Foreign-born white.....	3,168	2,118	2,813	1,246	1,246	2,559	984	2,984	2,235	2,786	1,661
Number in 1900.....	3,962	2,618	2,696	802	1,663	3,155	1,006	3,478	2,788	3,919	2,169
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	58.1	56.8	44.4	84.8	71.3	41.0	79.3	49.4	40.5	57.3	71.9
Per cent in 1900.....	54.6	52.7	44.7	83.2	68.3	36.7	79.5	46.3	39.6	57.0	70.9
Native white—Foreign or mixed parentage.....	30.1	30.7	38.5	11.6	20.9	39.4	15.3	34.9	41.8	29.3	20.9
Per cent in 1900.....	31.9	32.5	37.3	12.1	22.8	40.3	15.1	55.7	40.1	27.8	20.6
Foreign-born white.....	11.3	12.4	17.0	3.3	7.8	18.9	5.4	15.5	17.6	13.2	7.2
Per cent in 1900.....	13.2	14.7	18.0	4.3	8.8	22.9	6.4	17.8	20.8	14.6	8.4
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	110	43	34	4	76	32	61	19	202	12	35
Belgium.....	14	.....	1	.....	.....	1	.....	5	.....	.....	.....
Canada—French.....	14	20	2	1	4	1	49	3	3	3	9
Canada—Other.....	190	144	83	55	136	76	40	85	43	98	168
Denmark.....	56	56	455	28	130	313	111	272	333	86	237
England.....	231	119	173	75	145	54	136	88	57	144	150
France.....	16	3	4	.....	5	.....	5	19	1	6	4
Germany.....	1,345	1,281	1,297	195	302	1,710	247	571	977	1,701	621
Greece.....	1	90	27	.....	.....	14	.....	37	.....	.....	29
Holland.....	16	6	59	1	1	145	2	33	24	55	1
Hungary.....	25	2	.....	.....	.....	.....	.....	6	.....	.....	.....
Ireland.....	216	124	55	87	191	103	130	83	59	37	165
Italy.....	158	1	55	.....	5	26	.....	4	3	6	9
Norway.....	323	79	133	2	18	10	3	1,183	254	436	30
Russia.....	93	10	17	2	2	12	1	2	7	10	16
Scotland.....	55	29	22	10	75	39	18	52	11	32	41
Sweden.....	67	37	73	54	130	20	55	484	235	64	94
Switzerland.....	184	34	13	6	9	5	14	4	12	7	23
Turkey.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wales.....	17	5	4	.....	14	.....	6	3	3	5	13
Other foreign countries.....	29	35	6	2	3	8	9	31	10	12	12
NATIVE WHITE: Both parents born in—											
Austria.....	48	49	41	1	26	23	72	14	260	25	16
Canada—French.....	13	32	2	1	8	1	4	2	7	2	4
Canada—Other.....	90	105	48	12	28	31	25	39	25	52	58
Denmark.....	32	29	462	28	91	332	112	248	321	82	338
England.....	259	165	270	87	171	44	142	102	81	167	173
France.....	15	7	6	3	10	.....	10	22	10	7	10
Germany.....	2,508	2,194	2,054	331	624	2,048	441	844	1,600	2,418	1,094
Holland.....	6	7	49	1	5	71	4	7	14	32	.....
Hungary.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ireland.....	572	230	166	209	494	159	300	181	168	175	341
Italy.....	26	.....	10	.....	.....	.....	.....	.....	.....	.....	.....
Norway.....	567	121	191	7	39	11	7	1,882	428	612	36
Russia.....	48	6	4	2	2	.....	.....	2	4	5	5
Scotland.....	75	33	21	28	45	42	43	50	35	22	43
Sweden.....	53	15	91	53	139	15	33	562	217	26	96
Switzerland.....	241	17	20	7	15	3	21	1	4	17	24
Wales.....	19	5	5	1	15	.....	15	.....	1	10	18
All others of foreign parentage ¹	447	227	219	93	182	217	130	257	291	261	279

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.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Fayette.	Floyd.	Franklin.	Fremont.	Greene.	Grundy.	Guthrie.	Hamil- ton.	Hancock.	Hardin.	Harrison.
SEX											
Total.. Male.....	14,442	8,766	7,772	8,083	8,250	7,139	8,959	10,062	6,669	10,788	12,039
Female.....	13,477	8,383	7,008	7,540	7,773	6,435	8,415	9,180	6,062	10,133	11,123
White.. Male.....	14,379	8,787	7,766	8,065	8,249	7,128	8,958	10,030	6,662	10,748	12,027
Female.....	13,433	8,344	7,002	7,518	7,773	6,434	8,413	9,173	6,054	10,127	11,120
Negro.. Male.....	63	8	4	17	1	10	1	30	4	40	12
Female.....	44	9	6	22	1	1	2	7	7	6	3
MALES OF VOTING AGE											
Total number.....	8,264	5,346	4,229	4,394	4,694	3,871	5,061	5,755	3,462	5,885	6,585
Number in 1900.....	9,008	5,111	4,217	5,176	5,051	3,800	5,152	5,329	3,735	3,274	7,191
Native white—Native parentage.....	4,051	2,500	1,533	3,474	2,925	1,291	3,660	2,446	1,093	3,109	4,295
Number in 1900.....	4,213	2,404	1,695	4,048	3,091	1,253	3,851	2,252	1,256	3,450	4,694
Native white—Foreign or mixed parentage.....	2,482	1,090	1,376	629	1,008	1,238	865	1,685	1,139	1,364	1,322
Number in 1900.....	2,727	1,397	1,162	675	1,076	960	762	1,275	1,076	1,217	1,368
Native white—Foreign parentage.....	1,719	1,230	995	345	683	981	510	1,285	890	953	808
Native white—Mixed parentage.....	764	460	381	284	325	257	355	400	249	411	514
Foreign-born white.....	1,602	1,151	1,314	282	700	1,335	535	1,600	1,219	1,410	957
Number in 1900.....	2,104	1,303	1,398	431	878	1,685	534	1,789	1,439	1,539	1,176
Negro.....	28	5	4	8	1	6	1	22	3	2	11
Number in 1900.....	24	5	3	20	5	2	2	11	2	5	14
Indian, Chinese, Japanese, and all other.....			2	1		1	1	2	3		
PER CENT OF TOTAL.											
Native white—Native parentage.....	49.1	46.8	36.2	79.1	62.3	33.4	72.3	42.5	31.7	52.8	65.2
Native white—Foreign or mixed parentage.....	30.1	31.6	32.5	14.3	22.8	32.0	17.1	29.3	32.9	23.2	20.1
Foreign-born white.....	20.5	21.5	31.1	6.4	14.9	34.5	10.6	27.8	35.2	24.0	14.5
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	1,055	749	826	155	463	802	275	1,099	904	927	600
Having first papers.....	82	33	40	3	29	56	15	32	61	60	32
Alien.....	262	136	144	6	104	174	99	196	93	131	93
Unknown.....	293	233	304	118	104	303	146	223	161	292	232
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	300	109	72	153	73	46	134	96	37	56	94
Per cent illiterate.....	3.6	2.0	1.7	3.5	1.6	1.2	2.6	1.7	1.1	1.0	1.4
Per cent in 1900.....	2.5	2.5	2.3	3.2	2.0	1.3	1.8	2.2	1.4	1.4	2.4
Native white, number illiterate.....	72	33	15	130	26	10	43	25	10	27	54
Per cent illiterate.....	1.1	0.8	0.5	3.2	0.7	0.4	1.0	0.6	0.4	0.6	1.0
Foreign-born white, number illiterate.....	226	76	57	21	47	36	91	70	27	29	38
Per cent illiterate.....	13.4	6.6	4.3	7.4	6.7	2.7	17.0	4.4	2.2	2.1	4.0
Negro, number illiterate.....	2			1				1			2
Per cent illiterate.....											
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	22,083	13,846	11,354	12,048	12,487	10,335	13,608	15,124	9,635	16,641	17,781
Number illiterate.....	497	248	130	281	138	98	204	265	95	174	194
Per cent illiterate.....	2.3	1.8	1.1	2.3	1.1	0.9	1.5	1.8	1.0	1.0	1.1
Native white, number.....	18,898	11,719	8,830	11,501	11,250	7,817	12,680	12,123	7,412	13,864	16,118
Number illiterate.....	124	69	28	225	64	24	82	60	24	70	116
Per cent illiterate.....	0.7	0.6	0.3	2.0	0.6	0.3	0.6	0.5	0.3	0.5	0.7
Foreign-born white, number.....	3,111	2,110	2,462	520	1,236	2,509	925	2,968	2,210	2,732	1,648
Number illiterate.....	368	179	101	49	74	74	122	204	71	103	76
Per cent illiterate.....	11.8	8.5	4.1	9.4	6.0	2.9	13.2	6.9	3.2	3.8	4.6
Negro, number.....	74	16	10	29	1	8	2	31	9	45	15
Number illiterate.....	5		1	6				1		1	2
Per cent illiterate.....											
PERSON 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	6,317	3,587	3,401	3,597	3,574	3,102	3,907	4,331	3,174	5,018	5,397
Number illiterate.....	30	21	14	21	7	10	12	7	8	12	12
Per cent illiterate.....	0.5	0.6	0.4	0.6	0.2	0.3	0.3	0.2	0.3	0.2	0.2
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	8,640	4,869	4,721	4,994	4,922	4,308	5,400	6,035	4,379	6,694	7,462
Number attending school.....	6,094	3,345	3,327	3,558	3,598	2,951	3,998	4,436	3,301	4,789	5,496
Per cent attending school.....	70.5	68.7	70.5	71.2	73.1	68.5	74.0	73.5	75.4	71.5	73.7
Number 6 to 9 years.....	2,323	1,302	1,320	1,397	1,348	1,206	1,493	1,654	1,205	1,676	2,065
Number attending school.....	1,859	1,117	1,074	1,129	1,216	1,030	1,275	1,463	1,119	1,421	1,844
Number 10 to 14 years.....	2,977	1,495	1,573	1,711	1,675	1,401	1,768	2,010	1,519	2,198	2,485
Number attending school.....	2,558	1,419	1,495	1,633	1,521	1,306	1,697	1,945	1,475	2,058	2,363
Number 15 to 17 years.....	1,680	873	912	980	1,012	841	1,090	1,170	861	1,456	1,459
Number attending school.....	1,053	615	592	622	664	490	789	774	582	942	992
Number 18 to 20 years.....	1,080	1,094	913	926	887	860	1,049	1,201	794	1,364	1,443
Number attending school.....	324	194	166	174	197	125	237	254	125	368	297
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	5,300	2,797	2,893	3,108	2,923	2,607	3,261	3,664	2,724	3,874	4,550
Number attending school.....	4,717	2,536	2,569	2,762	2,737	2,336	2,972	3,408	2,594	3,479	4,207
Per cent attending school.....	89.0	90.7	88.8	88.9	93.6	89.6	91.1	93.0	95.2	89.8	92.5
Native white—Native parentage, number.....	3,683	1,974	1,529	2,828	2,381	1,274	2,834	2,092	1,322	2,353	3,562
Number attending school.....	3,288	1,808	1,337	2,510	2,227	1,153	2,585	1,931	1,250	2,131	3,291
Per cent attending school.....	89.3	91.6	87.4	88.8	93.5	90.5	91.2	92.3	94.6	90.6	92.4
Native white—Foreign or mixed parentage, number.....	1,517	807	1,288	267	526	1,234	412	1,525	1,362	1,443	974
Number attending school.....	1,340	719	1,162	242	495	1,105	375	1,435	1,309	1,287	905
Per cent attending school.....	88.3	89.1	90.2	90.6	94.1	89.5	91.0	94.1	96.1	89.2	92.9
Foreign-born white, number.....	75	12	75	4	16	97	14	44	40	65	14
Number attending school.....	65	5	69	3	15	77	11	39	35	48	11
Per cent attending school.....											
Negro, number.....	25	4	1	9		2	1	3		13	
Number attending school.....	24	4	1	7		1	1	3		13	
Per cent attending school.....											
DWELLINGS AND FAMILIES											
Dwellings, number.....	6,306	4,038	3,188	3,649	3,694	2,975	4,138	4,171	2,671	4,959	5,306
Families, number.....	6,434	4,144	3,227	3,705	3,719	3,003	4,169	4,242	2,689	5,026	5,370

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Henry.	Howard.	Humboldt.	Ida.	Iowa.	Jackson.	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.
POPULATION											
Total population, 1910.....	18,440	12,920	12,182	11,296	18,409	21,258	27,034	15,951	25,014	19,050	21,160
1900.....	20,022	14,512	12,607	12,327	10,544	23,615	26,976	17,437	24,817	19,954	24,979
1890.....	18,895	11,182	9,836	10,705	18,270	22,771	24,043	16,184	23,082	20,233	23,862
1880.....	20,986	10,837	5,341	4,382	10,221	23,771	25,903	17,469	25,420	21,052	21,258
1870.....	21,463	6,282	2,596	226	16,644	22,619	22,116	17,839	24,898	19,731	19,434
Increase, 1900-1910.....	-1,382	-1,592	-485	-1,031	-1,135	-2,357	58	-1,486	1,007	-2,004	-3,819
Per cent of increase.....	-6.9	-11.0	-3.8	-8.4	-8.8	-10.0	0.2	-8.5	4.4	-13.2	-15.3
Increase, 1890-1900.....	1,127	3,330	2,831	1,622	1,274	844	2,033	2,253	1,735	1,721	1,117
Per cent of increase.....	6.0	29.8	28.8	15.2	7.0	3.7	8.2	14.8	7.5	8.5	4.7
Land area (square miles).....	427	468	431	430	583	632	730	431	610	560	576
Population per square mile, 1910.....	43.7	27.6	28.3	26.3	31.6	33.6	37.0	37.0	42.5	33.5	36.6
Rural population per square mile, 1910.....	34.6	21.9	28.3	26.3	31.6	28.0	27.3	25.5	25.9	28.2	36.6
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	3,874	2,658	.....	.....	.....	3,570	7,140	4,970	10,091	2,983	.....
Same places in 1900.....	4,109	2,806	.....	.....	.....	3,777	5,735	4,689	7,987	3,055	.....
Per cent of increase, 1900-1910.....	-5.7	-5.3	.....	.....	.....	-5.5	24.5	6.0	26.3	-2.4	.....
Rural, 1910—Remainder of county in 1910.....	14,766	10,262	12,182	11,296	18,409	17,688	19,894	10,981	15,823	16,067	21,160
Same territory in 1900.....	15,913	11,706	12,607	12,327	19,544	19,838	21,241	12,748	18,830	18,899	24,979
Per cent of increase, 1900-1910.....	-7.2	-12.3	-3.8	-8.4	-6.8	-10.8	-6.3	-13.9	-6.0	-15.0	-15.3
Urban, 1900—Places of 2,500 or more in 1900.....	4,109	2,806	.....	.....	.....	3,777	3,082	4,689	7,987	2,891	2,746
Rural, 1900—Remainder of county in 1900.....	15,913	11,706	12,607	12,327	19,544	19,838	23,294	12,748	16,830	19,063	22,233
Per cent in places of 2,500 or more, 1910.....	20.8	20.6	.....	.....	.....	16.8	20.4	31.2	33.9	15.7	.....
Per cent in places of 2,500 or more, 1900.....	20.5	19.3	.....	.....	.....	16.0	13.6	26.9	32.2	13.2	11.0
COLOR AND NATIVITY											
White.....	18,376	12,008	12,178	11,294	18,404	21,258	26,852	15,871	25,838	18,967	21,148
Number in 1900.....	19,655	14,497	12,665	12,327	18,584	23,613	26,738	17,900	24,763	21,896	24,945
Number in 1890.....	18,483	11,172	9,832	10,704	18,268	22,758	24,830	16,125	23,024	20,199	23,838
Negro.....	264	12	4	2	5	.....	182	70	65	83	17
Number in 1900.....	507	15	2	3	5	.....	190	71	62	53	35
Number in 1890.....	411	10	4	1	2	.....	15	104	57	54	24
Black.....	237	3	4	2	5	.....	153	53	52	65	8
Mulatto.....	27	9	.....	.....	.....	.....	29	26	13	18	.....
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	.....	.....	.....	.....	.....	.....	.....	1	11	.....	.....
Native white—Native parentage.....	14,051	5,816	5,184	4,853	10,180	11,431	18,908	12,244	14,677	10,937	16,404
Number in 1900.....	14,830	6,032	5,245	5,403	9,855	11,653	19,233	12,924	12,223	12,383	17,937
Native white—Foreign or mixed parentage.....	3,152	5,204	4,811	4,344	5,913	7,338	5,980	2,637	3,186	5,750	3,664
Number in 1900.....	3,275	5,999	4,975	4,471	6,579	8,494	6,184	3,086	3,704	6,383	4,566
Native white—Foreign parentage.....	1,769	3,239	3,063	2,807	3,628	4,261	3,238	1,493	5,331	3,760	2,084
Native white—Mixed parentage.....	1,383	2,025	1,808	1,477	2,385	3,077	2,142	1,144	2,855	1,990	1,580
Foreign-born white.....	1,173	1,828	2,123	2,097	2,361	2,480	2,564	900	2,975	2,280	1,075
Number in 1900.....	1,550	2,466	2,446	2,590	3,129	3,466	2,379	1,880	3,321	3,187	1,922
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	75.4	45.0	42.6	43.0	55.0	53.8	69.0	76.8	56.0	57.4	77.5
Per cent in 1900.....	74.2	41.0	41.4	44.3	60.3	49.3	71.3	74.5	49.3	56.4	72.0
Native white—Foreign or mixed parentage.....	16.9	40.7	40.0	38.5	32.1	34.5	19.0	16.5	31.6	39.2	17.3
Per cent in 1900.....	16.4	41.3	39.3	36.3	33.6	30.0	19.0	17.7	35.1	38.8	18.9
Foreign-born white.....	6.3	14.1	17.4	18.6	12.8	11.7	9.5	6.2	11.5	12.0	5.1
Per cent in 1900.....	7.0	17.0	19.3	19.4	16.0	14.7	8.8	7.4	15.4	14.5	8.0
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	15	410	9	11	122	69	57	9	1,348	327	33
Belgium.....	.....	18	.....	.....	70	6	5	23	3	2	15
Canada—French.....	5	3	4	2	5	8	4	1	4	4	5
Canada—Other.....	71	110	126	42	65	131	63	17	83	110	29
Denmark.....	15	61	379	193	11	100	47	7	43	11	5
England.....	80	75	60	54	73	159	358	35	168	97	149
France.....	37	2	10	3	0	22	31	30	19	5	26
Germany.....	338	541	353	1,201	1,351	1,714	559	238	679	1,096	524
Greece.....	40	3	1	5	40	5	.....	48	20	4	6
Holland.....	7	34	23	11	6	5	659	8	25	1	23
Hungary.....	5	2	3	.....	3	.....	75	12	0	2	2
Ireland.....	97	145	62	103	233	181	187	45	277	223	95
Italy.....	3	.....	1	.....	2	5	32	10	51	6	8
Norway.....	4	173	965	44	40	6	17	.....	5	19	1
Russia.....	10	4	3	2	18	11	18	.....	4	36	17
Scotland.....	15	28	6	76	28	17	122	11	27	52	62
Sweden.....	339	22	53	332	0	12	118	415	39	36	19
Switzerland.....	68	55	52	7	124	16	4	19	40	212	24
Turkey.....	2	.....	.....	.....	3	1	.....	8	16	.....	21
Wales.....	14	133	2	3	130	1	141	5	55	8	12
Other foreign countries.....	2	9	12	7	24	20	67	62	16	48	5
NATIVE WHITE: Both parents born in—											
Austria.....	3	604	15	2	102	97	28	0	2,005	454	26
Canada—French.....	3	12	2	3	2	2	.....	6	6	7	13
Canada—Other.....	31	51	53	31	8	42	33	12	29	67	9
Denmark.....	18	51	419	154	11	98	72	12	41	7	3
England.....	81	77	85	54	69	161	338	47	178	121	162
France.....	52	4	9	7	.....	8	38	71	22	9	18
Germany.....	564	1,022	576	1,785	1,897	2,096	965	498	1,530	1,832	1,246
Holland.....	9	33	32	23	0	5	695	2	18	1	24
Hungary.....	1	1	.....	.....	.....	.....	39	.....	1	.....	.....
Ireland.....	230	501	184	105	685	535	344	147	834	655	244
Italy.....	.....	.....	.....	.....	.....	2	7	.....	12	3	3
Norway.....	4	302	1,349	30	69	8	18	1	10	19	1
Russia.....	6	11	5	.....	21	9	17	6	18	5	1
Scotland.....	23	40	25	57	17	14	128	25	22	64	96
Sweden.....	487	16	38	305	4	11	102	500	24	29	39
Switzerland.....	52	60	60	1	55	15	5	24	45	205	23
Wales.....	17	142	3	.....	175	2	148	8	93	4	11
All others of foreign parentage.....	199	222	208	151	817	256	256	134	443	277	159

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.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Henry.	Howard.	Humboldt.	Ida.	Iowa.	Jackson.	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.
SEX											
Total.. Male	9,354	6,623	6,387	5,963	9,591	10,786	13,934	8,069	13,144	10,022	10,728
Female	9,286	6,297	5,795	5,333	8,818	10,472	13,100	7,682	12,770	9,028	10,432
White.. Male	9,231	6,617	6,384	5,963	9,588	10,786	13,830	8,023	13,094	9,959	10,718
Female	9,145	6,291	5,794	5,331	8,816	10,472	13,022	7,848	12,744	9,008	10,425
Negro.. Male	123	6	3	2	3	2	104	45	39	63	10
Female	141	6	1	2	2	2	78	34	26	20	7
MALES OF VOTING AGE											
Total number	5,885	3,591	3,542	3,274	5,439	6,233	8,185	4,801	7,718	5,852	6,199
Number in 1900	6,180	4,018	3,447	3,360	6,725	6,642	7,892	5,242	7,119	6,695	6,904
Native white—Native parentage	3,982	1,091	1,204	1,186	2,187	2,590	5,131	3,410	3,448	2,908	4,325
Number in 1900	4,222	1,275	1,510	1,325	2,250	2,719	5,223	3,609	2,828	5,315	4,581
Native white—Foreign or mixed parentage	1,135	821	1,150	946	1,882	2,320	1,636	833	2,707	1,089	1,271
Number in 1900	992	1,161	836	735	1,724	2,180	1,391	910	2,351	1,074	1,278
Native white—Foreign parentage	712	1,115	831	719	1,360	1,629	1,125	529	2,078	1,221	830
Native white—Mixed parentage	423	406	319	227	522	691	511	304	629	468	441
Foreign-born white	676	974	1,185	1,142	1,368	1,323	1,343	530	1,523	1,202	596
Number in 1900	849	1,268	1,300	1,748	1,791	1,791	1,221	689	1,638	1,673	1,050
Negro	92	5	3	2	2	1	75	27	29	53	7
Number in 1900	123	6	1	2	2	2	68	24	28	33	14
Indian, Chinese, Japanese, and all other								1	11		
PER CENT OF TOTAL.											
Native white—Native parentage	67.7	30.4	34.0	36.2	40.2	41.6	62.7	71.0	44.7	49.7	69.8
Native white—Foreign or mixed parentage	19.3	42.4	32.5	28.9	34.6	37.2	20.0	17.4	35.1	28.9	20.5
Foreign-born white	11.5	27.1	33.5	34.9	25.2	21.2	16.4	11.0	19.7	20.5	9.6
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized	387	785	755	751	995	1,033	737	289	1,042	736	440
Having first papers	23	27	81	60	50	24	53	9	38	39	7
Alien	82	68	183	116	136	50	213	69	98	105	48
Unknown	184	94	166	215	187	216	340	163	345	322	101
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate	200	60	44	42	104	159	190	130	166	74	160
Per cent illiterate	3.4	1.7	1.2	1.3	1.9	2.6	2.3	2.7	2.2	1.3	2.6
Per cent in 1900	2.9	2.1	1.1	2.0	5.4	3.7	5.1	5.0	3.7	4.0	3.6
Native white, number illiterate	134	25	12	8	35	102	104	69	54	50	108
Per cent illiterate	2.6	1.0	0.5	0.4	0.9	2.1	1.5	1.6	0.9	1.1	1.9
Foreign-born white, number illiterate	43	35	31	34	68	57	79	58	112	23	51
Per cent illiterate	6.4	3.6	2.6	3.0	5.0	4.3	5.9	10.9	7.4	1.9	8.6
Negro, number illiterate	23		1		1		7	3		1	1
Per cent illiterate											
PERSONS 10 YEARS OLD AND OVER.											
Total number	15,232	9,997	9,429	8,837	14,360	16,812	21,162	12,726	20,833	15,236	16,832
Number illiterate	357	158	113	150	204	322	381	281	389	130	288
Per cent illiterate	2.3	1.6	1.2	1.7	1.4	1.9	1.8	2.2	1.9	0.9	1.7
Native white, number	13,830	8,172	7,323	6,765	12,005	14,435	18,517	11,687	17,806	12,951	15,746
Number illiterate	224	41	34	60	76	176	196	136	117	74	195
Per cent illiterate	1.6	0.5	0.5	0.9	0.6	1.2	1.1	1.2	0.7	0.6	1.2
Foreign-born white, number	1,167	1,816	2,102	2,071	2,350	2,477	2,484	977	2,957	2,252	1,071
Number illiterate	86	117	78	90	127	146	169	139	270	55	91
Per cent illiterate	7.4	6.4	3.7	4.3	5.4	5.9	6.8	14.2	9.1	2.4	8.5
Negro, number	235	9	4	1	5		161	61	59	83	15
Number illiterate	47		1		1		16	6	2	1	2
Per cent illiterate	20.0						9.9				
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number	3,562	3,035	2,855	2,765	4,108	4,786	5,578	3,273	5,612	4,367	4,572
Number illiterate	9	2	8	61	10	9	22	11	17	15	20
Per cent illiterate	0.3	0.1	0.3	2.2	0.2	0.2	0.4	0.3	0.3	0.3	0.4
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive	4,907	4,209	3,919	3,730	5,756	6,524	7,835	4,500	7,582	5,864	6,363
Number attending school	3,693	3,177	2,930	2,488	3,828	4,287	5,571	3,255	5,582	3,797	4,915
Per cent attending school	75.3	75.5	74.8	66.7	66.5	65.7	71.1	72.6	73.6	64.8	77.2
Number 6 to 9 years	1,345	1,174	1,064	965	1,648	1,738	2,257	1,227	1,970	1,497	1,791
Number attending school	1,220	991	978	784	1,179	1,389	2,042	1,094	1,810	1,185	1,670
Number 10 to 14 years	1,647	1,525	1,313	1,199	1,903	2,213	2,530	1,479	2,531	1,984	2,152
Number attending school	1,577	1,489	1,266	1,113	1,791	2,041	2,358	1,410	2,406	1,782	2,069
Number 15 to 17 years	892	825	784	786	1,131	1,303	1,476	877	1,483	1,189	1,213
Number attending school	622	547	526	489	663	678	910	552	933	686	858
Number 18 to 20 years	1,023	885	778	780	1,074	1,270	1,582	917	1,598	1,214	1,207
Number attending school	274	150	160	142	195	179	255	209	433	184	318
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number	2,992	2,699	2,377	2,164	3,551	3,951	4,777	2,706	4,501	3,461	3,943
Number attending school	2,797	2,480	2,244	1,877	2,970	3,430	4,400	2,504	4,216	2,947	3,739
Per cent attending school	93.5	91.9	94.4	86.7	83.6	86.8	92.1	92.5	93.7	85.1	94.8
Native white—Native parentage, number	2,559	1,661	1,187	1,053	2,556	2,771	3,726	2,285	3,328	2,302	3,443
Number attending school	2,387	1,534	1,111	918	2,135	2,408	3,458	2,103	3,112	1,939	3,263
Per cent attending school	93.3	92.4	93.6	87.2	83.5	86.9	92.8	92.0	93.5	84.2	94.8
Native white—Foreign or mixed parentage, number	391	1,022	1,158	1,064	976	1,149	889	396	1,140	1,118	492
Number attending school	371	931	1,107	920	825	993	819	383	1,075	980	469
Per cent attending school	94.9	91.1	95.6	86.5	84.5	86.4	92.1	96.7	94.3	87.7	95.3
Foreign-born white, number	11	16	32	47	19	31	130	13	26	41	8
Number attending school	11	15	26	39	10	29	99	6	24	25	7
Per cent attending school							76.2				
Negro, number	31						32	12	7		
Number attending school	28						24	12	5		
Per cent attending school											
DWELLINGS AND FAMILIES											
Dwellings, number	4,413	2,892	2,678	2,455	3,992	4,973	6,374	3,893	5,904	4,314	5,325
Families, number	4,478	2,920	2,712	2,480	4,135	5,059	6,482	3,937	6,096	4,394	5,370

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Kossuth.	Lee.	Linn.	Louisa.	Lucas.	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.
POPULATION											
Total population, 1910.....	21,971	36,702	60,720	12,855	13,462	14,024	15,621	29,860	22,995	30,279	15,811
1900.....	22,720	39,719	55,302	13,510	16,126	13,165	17,710	34,273	24,150	29,991	16,704
1890.....	13,120	37,715	45,303	11,873	14,563	8,080	15,977	28,805	23,058	25,842	14,548
1880.....	6,178	34,859	37,237	13,142	14,530	1,968	17,224	25,202	25,111	22,752	14,137
1870.....	3,351	37,210	31,080	12,877	10,388	221	13,884	22,508	24,436	17,876	8,718
Increase, 1900-1910.....	-749	-3,017	5,328	-661	-2,664	1,450	-2,089	-4,413	-1,164	288	-953
Per cent of increase.....	-3.3	-7.6	9.6	-4.9	-16.5	11.1	-11.8	-12.9	-4.8	1.0	-5.7
Increase, 1890-1900.....	9,600	2,004	10,080	1,643	1,563	4,455	1,733	5,468	1,101	4,149	2,210
Per cent of increase.....	73.2	5.3	22.3	13.8	10.7	51.7	10.8	19.0	4.8	16.1	15.2
Land area (square miles).....	973	511	700	306	432	582	563	508	563	572	438
Population per square mile, 1910.....	22.6	71.8	85.6	32.5	31.2	25.1	27.7	52.8	40.8	52.9	36.1
Rural population per square mile, 1910.....	10.6	27.0	33.2	32.5	22.4	25.1	22.7	35.9	29.8	29.6	26.8
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	2,908	22,908	37,211	.....	3,704	.....	2,818	0,466	6,211	13,874	4,052
Same places in 1900.....	2,911	23,919	29,763	.....	3,080	.....	3,039	0,212	5,754	11,544	3,040
Per cent of increase, 1900-1910.....	-0.1	-4.2	25.0	.....	-4.0	.....	-7.3	2.8	7.9	15.9	33.3
Rural, 1910—Remainder of county in 1910.....	19,063	13,794	23,509	12,855	9,068	14,024	12,803	20,394	10,784	16,905	11,759
Same territory in 1900.....	19,809	15,800	25,534	13,510	12,137	13,165	14,671	25,061	18,405	18,447	13,724
Per cent of increase, 1900-1910.....	-3.8	-12.7	-8.3	-4.9	-20.3	11.1	-12.7	-18.6	-8.8	-8.4	-14.3
Urban, 1900—Places of 2,500 or more in 1900.....	2,911	23,910	29,763	.....	3,089	.....	3,039	0,212	5,754	11,544	3,040
Rural, 1900—Remainder of county in 1900.....	19,809	15,800	25,534	13,510	12,137	13,165	14,671	25,061	18,405	18,447	13,724
Per cent in places of 2,500 or more, 1910.....	13.2	62.4	61.3	.....	28.2	.....	18.0	31.7	27.0	44.2	25.6
Per cent in places of 2,500 or more, 1900.....	12.8	60.2	53.7	.....	24.7	.....	17.2	26.9	23.8	38.5	18.1
COLOR AND NATIVITY											
White.....	21,965	35,224	60,457	12,837	13,379	14,610	15,602	20,178	22,902	30,131	15,764
Number in 1900.....	22,717	38,084	55,184	13,507	15,932	13,165	17,708	32,552	24,114	29,882	16,720
Number in 1890.....	13,108	36,044	45,000	11,848	14,243	8,080	15,966	27,211	23,014	25,668	14,527
Negro.....	6	1,471	258	17	83	4	5	677	93	148	47
Number in 1900.....	5	1,632	258	8	104	.....	4	1,737	44	167	44
Number in 1890.....	12	1,566	224	25	319	.....	11	1,502	33	136	21
Black.....	6	1,026	188	17	75	4	1	464	70	92	46
Mulatto.....	.....	445	90	.....	8	.....	4	213	17	56	1
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	.....	7	5	1	.....	1	14	5	.....	.....	.....
Native white—Native parentage.....	9,470	22,452	37,111	10,502	11,217	4,706	13,256	21,211	16,237	20,070	12,543
Number in 1900.....	9,164	21,630	33,450	10,681	12,512	2,206	14,977	22,043	17,521	19,102	12,931
Native white—Foreign or mixed parentage.....	9,034	9,888	15,788	1,816	1,471	6,681	1,708	5,474	4,519	6,878	2,319
Number in 1900.....	9,203	12,059	14,451	2,170	2,515	2,818	2,107	6,530	4,672	6,997	2,896
Native white—Foreign parentage.....	5,704	6,014	10,020	949	757	2,340	826	3,102	2,587	4,168	1,245
Native white—Mixed parentage.....	3,330	3,874	5,759	867	714	2,332	972	2,372	1,932	2,710	1,074
Foreign-born white.....	3,401	2,884	7,558	519	601	3,172	548	2,493	2,146	3,183	902
Number in 1900.....	4,271	4,366	7,255	666	1,101	3,051	622	3,269	2,121	3,658	1,093
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	43.1	61.2	61.1	81.7	83.3	32.6	84.9	71.0	70.6	66.3	79.3
Per cent in 1900.....	40.3	54.5	60.4	79.0	77.6	32.6	84.6	68.9	71.7	64.0	77.1
Native white—Foreign or mixed parentage.....	41.1	26.0	20.0	14.1	10.9	45.7	11.5	18.3	10.7	22.7	14.7
Per cent in 1900.....	40.9	30.4	26.1	16.1	14.4	44.2	11.9	18.5	10.3	25.3	16.1
Foreign-born white.....	15.8	7.9	12.4	4.0	5.1	21.7	3.5	8.3	9.3	10.5	5.7
Per cent in 1900.....	18.8	11.1	13.1	4.9	6.8	23.2	5.5	9.5	8.8	12.1	6.5
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	36	29	3,721	4	5	2	64	196	31	362	3
Belgium.....	6	.....	5	1	2	8	.....	46	21	1	.....
Canada—French.....	8	13	33	1	3	.....	2	1	.....	31	1
Canada—Other.....	112	87	311	26	17	67	34	52	13	184	51
Denmark.....	268	31	186	4	5	81	22	7	3	109	35
England.....	106	201	369	54	121	52	67	306	161	186	109
France.....	11	48	32	0	1	8	3	69	68	24	3
Germany.....	1,829	1,407	972	168	62	1,078	117	221	117	922	378
Greece.....	1	40	39	.....	49	25	46	.....	30	56	50
Holland.....	32	82	20	5	2	545	4	686	1,457	16	2
Hungary.....	51	2	53	0	.....	5	.....	47	14	1	7
Ireland.....	96	319	599	63	50	60	81	90	49	220	69
Italy.....	2	11	77	.....	.....	.....	1	48	26	128	.....
Norway.....	202	23	60	4	1	504	1	50	9	450	12
Russia.....	14	10	397	1	8	12	4	83	14	60	10
Scotland.....	42	63	103	6	25	17	34	107	53	46	16
Sweden.....	400	370	230	40	275	72	30	183	24	304	124
Switzerland.....	49	20	102	18	1	14	5	11	12	39	3
Turkey.....	.....	21	84	.....	.....	11	17	.....	10	1	15
Wales.....	4	12	23	89	54	2	2	193	24	8	8
Other foreign countries.....	12	35	82	20	1	8	5	37	9	31	6
NATIVE WHITE: Both parents born in—											
Austria.....	46	18	4,445	11	5	1	16	187	41	294	8
Canada—French.....	3	7	34	.....	1	4	3	.....	2	20	3
Canada—Other.....	62	42	142	14	15	28	7	10	9	77	25
Denmark.....	347	32	171	5	62	15	10	1	1	113	45
England.....	136	200	301	49	123	84	92	280	160	159	142
France.....	20	61	46	11	1	3	5	44	30	30	1
Germany.....	3,233	3,754	1,858	357	99	2,600	257	378	216	1,640	558
Holland.....	30	131	23	9	1	501	12	870	1,727	22	8
Hungary.....	49	4	15	.....	.....	.....	.....	66	32	.....	1
Ireland.....	300	812	1,235	103	90	227	245	230	108	357	117
Italy.....	.....	12	75	.....	.....	.....	5	13	5	39	.....
Norway.....	343	17	88	.....	4	527	2	56	3	539	27
Russia.....	11	11	133	.....	2	.....	.....	59	3	35	5
Scotland.....	60	56	181	8	17	13	24	109	67	55	33
Sweden.....	577	375	230	93	290	73	33	218	26	289	144
Switzerland.....	58	14	112	19	2	17	11	19	18	33	10
Wales.....	6	7	33	139	34	4	10	213	22	16	5
All others of foreign parentage.....	423	461	838	76	54	203	80	331	117	420	113

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.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Kossuth.	Lee.	Linn.	Louisa.	Lucas.	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.
SEX											
Total... Male.....	11,581	18,438	30,626	6,702	6,788	7,809	8,122	15,229	11,900	15,851	8,211
Female.....	10,390	18,264	30,094	6,153	6,674	6,815	7,489	14,831	11,095	14,428	7,600
White... Male.....	11,579	17,667	30,473	6,691	6,747	7,806	8,114	14,853	11,821	15,774	8,186
Female.....	10,386	17,557	29,984	6,146	6,632	6,813	7,488	14,325	11,081	14,357	7,578
Negro... Male.....	2	765	149	10	41	2	3	373	70	77	25
Female.....	4	706	109	7	42	2	2	304	14	71	22
MALES OF VOTING AGE											
Total number.....	5,863	11,497	18,913	3,885	3,841	3,922	4,673	8,681	6,799	9,678	4,563
Number in 1900.....	6,191	11,754	18,067	3,853	4,411	3,614	4,944	8,835	6,652	9,265	4,580
Native white—Native parentage.....	1,966	5,812	10,561	2,872	2,954	938	3,623	5,804	4,330	5,802	3,357
Number in 1900.....	2,127	6,282	9,337	2,740	3,213	969	3,928	6,276	4,397	5,661	3,366
Native white—Foreign or mixed parentage.....	2,034	3,573	4,407	698	453	1,311	701	1,307	1,333	2,051	715
Number in 1900.....	1,817	3,667	3,800	758	637	1,043	668	1,569	1,175	1,680	684
Native white—Foreign parentage.....	1,512	2,478	3,109	408	260	1,072	368	866	933	1,375	407
Native white—Mixed parentage.....	522	1,095	1,298	290	193	239	333	501	400	676	308
Foreign-born white.....	1,862	1,525	3,823	310	409	1,671	344	1,286	1,089	1,769	477
Number in 1900.....	2,186	2,254	3,448	352	478	1,612	354	1,651	1,070	1,860	569
Negro.....	1	551	118	4	25	2	3	221	47	56	14
Number in 1900.....	1	549	82	2	83	2	4	535	9	62	12
Indian, Chinese, Japanese, and all other.....		6	4	1			2	3			
PER CENT OF TOTAL.											
Native white—Native parentage.....	33.5	50.7	55.8	73.9	76.9	23.9	77.5	66.9	63.7	60.0	73.6
Native white—Foreign or mixed parentage.....	34.7	31.2	23.3	18.0	11.8	33.4	15.0	15.7	19.6	21.2	15.7
Foreign-born white.....	31.8	13.3	20.2	8.0	10.6	42.6	7.4	14.8	16.0	18.3	10.5
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	1,179	941	2,293	149	250	987	156	700	711	927	302
Having first papers.....	81	18	214	5	6	100	7	39	49	125	10
Allen.....	162	95	556	23	58	204	97	210	177	312	74
Unknown.....	440	471	760	133	95	380	84	337	152	405	91
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	105	313	309	75	193	50	113	247	242	158	306
Per cent illiterate.....	1.8	2.7	1.6	1.9	5.0	1.3	2.4	2.8	3.6	1.6	6.7
Per cent in 1900.....	1.0	5.4	1.9	3.2	4.9	0.6	2.6	4.9	4.4	2.7	4.9
Native white, number illiterate.....	84	153	124	57	111	12	61	134	152	72	282
Per cent illiterate.....	0.9	1.6	0.8	1.6	3.3	0.5	1.4	1.9	2.7	0.9	6.9
Foreign-born white, number illiterate.....	71	86	172	17	75	38	52	50	74	80	19
Per cent illiterate.....	3.8	5.6	4.5	5.5	18.3	2.3	15.1	6.2	6.8	4.5	4.0
Negro, number illiterate.....		74	13	1	7			33	16	6	5
Per cent illiterate.....		13.4	11.0					14.9			
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	16,357	30,069	49,775	10,202	10,423	10,891	12,330	23,529	18,106	24,306	12,445
Number illiterate.....	207	650	645	136	342	114	186	485	430	325	1,000
Per cent illiterate.....	1.3	2.2	1.3	1.3	3.3	1.0	1.5	2.1	2.4	1.3	8.0
Native white, number.....	12,944	25,926	42,188	9,671	9,669	7,780	11,775	20,564	15,964	21,040	11,511
Number illiterate.....	52	304	220	105	196	20	116	256	266	148	945
Per cent illiterate.....	0.4	1.2	0.5	1.1	2.0	0.3	1.0	1.2	1.7	0.7	8.2
Foreign-born white, number.....	3,407	2,807	7,357	517	690	3,067	547	2,423	2,068	3,141	692
Number illiterate.....	156	181	396	29	132	94	70	166	146	166	37
Per cent illiterate.....	4.5	6.3	5.4	5.6	19.1	3.0	12.8	6.9	7.1	5.3	4.1
Negro, number.....	6	1,269	225	13	64	4	5	53	74	125	42
Number illiterate.....		164	22	2	14			67	18	11	18
Per cent illiterate.....		12.9	9.8					11.7		8.8	
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	5,501	7,493	12,575	2,805	2,825	3,818	3,457	6,546	5,085	6,086	3,736
Number illiterate.....	9	30	40	7	15	14	10	28	20	14	426
Per cent illiterate.....	0.2	0.4	0.3	0.2	0.5	0.4	0.3	0.4	0.4	0.2	11.4
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	7,786	10,074	16,880	3,838	4,025	5,277	4,706	9,039	6,981	8,396	5,090
Number attending school.....	5,671	6,569	11,357	2,716	3,052	3,705	3,472	6,616	4,671	5,880	3,139
Per cent attending school.....	71.6	65.2	67.4	70.8	75.8	70.2	73.8	73.2	66.9	69.8	61.7
Number 6 to 9 years.....	2,285	2,641	4,285	1,033	1,200	1,459	1,249	2,493	1,896	2,310	1,354
Number attending school.....	1,929	2,313	3,764	912	1,088	1,286	1,103	2,238	1,548	2,072	1,084
Number 10 to 14 years.....	2,712	3,219	5,294	1,306	1,342	1,785	1,556	3,104	2,378	2,718	1,668
Number attending school.....	2,558	2,968	4,959	1,190	1,280	1,682	1,479	2,960	2,192	2,542	1,386
Number 15 to 17 years.....	1,405	2,098	3,499	758	771	1,059	920	1,732	1,359	1,669	1,015
Number attending school.....	832	1,033	1,971	480	538	594	666	1,060	720	952	533
Number 18 to 20 years.....	1,384	2,116	3,782	741	712	974	981	1,710	1,348	1,701	1,053
Number attending school.....	252	255	663	134	146	143	224	358	211	294	136
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	4,997	5,800	9,579	2,339	2,542	3,244	2,805	5,597	4,274	5,023	3,022
Number attending school.....	4,487	5,281	8,723	2,102	2,368	2,968	2,582	5,198	3,740	4,614	2,470
Per cent attending school.....	89.8	90.1	91.1	89.9	93.2	91.5	92.0	92.9	87.5	91.8	81.7
Native white—Native parentage, number.....	2,538	4,617	6,660	2,125	2,265	1,290	2,578	4,193	3,389	3,751	2,571
Number attending school.....	2,300	4,169	6,071	1,911	2,101	1,195	2,383	3,931	2,978	3,470	2,127
Per cent attending school.....	90.6	90.3	91.2	89.9	92.8	92.6	92.4	93.8	87.9	92.5	82.7
Native white—Foreign or mixed parentage, number.....	2,367	1,022	2,639	210	256	1,825	230	1,183	772	1,201	417
Number attending school.....	2,112	911	2,409	188	247	1,659	193	1,073	673	1,089	328
Per cent attending school.....	89.2	89.1	91.3	89.5	96.5	90.9	87.7	90.7	87.2	90.7	78.7
Foreign-born white, number.....	90	13	240	2	7	129	4	95	100	49	24
Number attending school.....	73	13	217	2	7	114	4	87	80	35	9
Per cent attending school.....			87.1			88.4			80.0		
Negro, number.....	2	208	31	2	14			126	13	25	10
Number attending school.....	2	188	26	1	13			107	9	20	6
Per cent attending school.....		90.4						84.9			
DWELLINGS AND FAMILIES											
Dwellings, number.....	4,444	8,693	14,377	3,094	3,250	2,807	3,706	6,997	5,525	6,961	3,332
Families, number.....	4,481	9,042	14,812	3,160	3,316	2,845	3,790	7,194	5,605	7,210	3,361

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Mitchell.	Monona.	Monroe.	Montgomery.	Muscataine.	O'Brien.	Osceola.	Page.	Palo Alto.	Plymouth.	Pocahontas.
POPULATION											
Total population, 1910.....	13,435	16,633	25,429	16,604	29,505	17,262	8,956	24,002	13,845	23,129	14,808
1900.....	14,016	17,080	17,985	17,803	28,242	16,085	8,725	24,137	14,354	22,209	15,339
1890.....	13,209	14,515	13,000	15,848	24,504	13,000	5,574	21,341	9,313	19,568	9,553
1880.....	14,393	9,055	13,719	15,895	23,170	4,155	2,219	19,067	4,131	8,566	3,713
1870.....	9,532	3,054	12,724	5,934	21,688	715	.....	9,975	1,336	2,199	1,446
Increase, 1900-1910.....	-1,481	-1,347	7,444	-1,199	1,263	277	231	-185	-509	920	-531
Per cent of increase.....	-0.9	-7.5	41.4	-6.7	4.5	1.6	2.6	-0.8	-3.5	4.1	-3.5
Increase, 1890-1900.....	1,617	3,465	4,319	1,955	3,738	3,925	3,151	2,846	5,036	2,641	5,786
Per cent of increase.....	12.2	23.9	31.0	12.3	15.3	30.1	56.5	13.3	54.0	13.5	66.6
Land area (square miles).....	403	680	432	424	432	569	395	531	561	856	576
Population per square mile, 1910.....	29.0	24.2	58.9	39.2	68.3	30.3	22.7	45.2	24.7	27.0	25.7
Rural population per square mile, 1910.....	29.0	24.2	47.4	27.8	30.8	25.2	22.7	28.6	24.7	22.2	25.7
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	.....	.....	4,069	4,830	10,178	2,041	.....	8,808	.....	4,157	.....
Same places in 1900.....	.....	.....	2,889	4,355	14,073	2,282	.....	6,840	.....	4,146	.....
Per cent of increase, 1900-1910.....	.....	.....	72.0	10.9	15.0	28.9	.....	28.6	.....	0.3	.....
Rural, 1910—Remainder of county in 1910.....	13,435	16,633	20,460	11,774	13,327	14,321	8,056	15,194	13,845	18,972	14,808
Same territory in 1900.....	14,016	17,080	15,090	13,448	14,169	14,703	8,725	17,338	14,354	18,063	15,339
Per cent of increase, 1900-1910.....	-0.9	-7.5	35.5	-12.4	-5.9	-2.6	2.6	-12.4	-3.5	5.0	-3.5
Urban, 1900—Places of 2,500 or more in 1900.....	2,734	.....	2,889	4,355	14,073	2,282	.....	6,840	.....	4,146	.....
Rural, 1900—Remainder of county in 1900.....	12,182	17,080	15,090	13,448	14,169	16,085	8,725	17,338	14,354	18,063	15,339
Per cent in places of 2,500 or more, 1910.....	.....	.....	10.5	29.1	54.8	17.0	.....	36.7	.....	18.0	.....
Per cent in places of 2,500 or more, 1900.....	18.3	.....	16.1	24.5	49.8	.....	.....	28.3	.....	18.7	.....
COLOR AND NATIVITY											
White.....	13,430	16,633	23,058	10,556	20,367	17,257	8,950	23,740	13,841	23,119	14,801
Number in 1900.....	14,001	17,074	17,432	17,752	23,095	16,034	8,722	23,955	14,352	22,207	15,338
Number in 1890.....	15,201	14,480	15,455	15,810	24,386	13,069	5,574	31,106	9,310	19,558	9,553
Negro.....	5	.....	2,371	48	137	2	0	262	4	10	3
Number in 1900.....	16	6	553	51	146	.....	1	232	.....	1	.....
Number in 1890.....	3	23	202	38	177	1	.....	234	3	9	.....
Black.....	1	.....	1,077	46	76	2	0	236	3	9	3
Mulatto.....	4	.....	394	2	61	.....	.....	26	1	1	.....
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	.....	.....	.....	.....	.....	1	3	.....	.....	.....	4
Native white—Native parentage.....	6,788	10,182	13,994	10,503	17,690	7,608	3,747	17,853	6,308	8,985	7,097
Number in 1900.....	6,332	11,174	11,533	11,333	15,359	7,479	3,652	17,358	6,045	7,766	7,072
Native white—Foreign or mixed parentage.....	4,788	4,451	5,792	3,830	8,307	6,729	3,771	4,038	5,377	9,840	5,666
Number in 1900.....	5,697	4,469	3,922	4,029	8,744	6,410	5,455	4,406	5,756	9,716	5,644
Native white—Foreign parentage.....	3,103	2,885	3,559	2,443	5,385	4,115	2,447	2,401	3,370	6,222	3,666
Native white—Mixed parentage.....	1,685	1,566	2,233	1,306	2,922	2,614	1,324	1,637	2,007	3,018	1,900
Foreign-born white.....	1,854	2,000	3,272	2,154	3,370	2,020	1,432	1,840	2,066	4,294	2,138
Number in 1900.....	2,372	2,331	1,871	2,380	3,992	3,095	1,635	2,191	2,551	4,785	2,622
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	50.5	61.2	55.0	63.6	60.0	44.1	41.8	74.4	46.2	38.8	47.9
Per cent in 1900.....	45.3	62.1	64.7	68.9	54.4	44.0	41.6	71.8	48.1	35.0	46.1
Native white—Foreign or mixed parentage.....	35.7	26.8	22.8	23.1	28.2	30.0	42.1	16.8	38.8	42.5	37.6
Per cent in 1900.....	38.2	24.9	21.8	22.7	31.0	37.7	39.6	18.2	40.1	45.7	38.8
Foreign-born white.....	13.8	12.0	12.9	13.0	11.4	11.9	16.0	7.7	14.9	18.6	14.4
Per cent in 1900.....	15.9	13.0	10.4	13.0	14.1	18.2	18.7	9.1	17.8	21.8	17.1
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	62	12	205	4	84	23	30	15	20	51	174
Belgium.....	.....	.....	71	.....	1	4	.....	.....	.....	7	3
Canada—French.....	4	0	1	1	14	10	8	3	11	19	6
Canada—Other.....	66	88	43	74	74	151	103	60	116	227	94
Denmark.....	147	443	4	15	46	55	28	52	300	189	184
England.....	109	147	716	114	116	118	64	100	79	220	90
France.....	2	6	68	0	31	4	.....	12	5	15	4
Germany.....	674	470	181	163	2,096	1,561	929	336	479	2,246	749
Greece.....	.....	27	38	97	21	.....	.....	33	2	36	30
Holland.....	2	4	45	2	166	400	102	4	13	153	16
Hungary.....	.....	3	220	0	5	.....	5	2	30	2	.....
Ireland.....	78	80	276	60	216	106	43	105	240	203	160
Italy.....	2	1	251	38	26	.....	9	1	5	232	3
Norway.....	549	425	7	19	9	167	23	31	409	49	149
Russia.....	26	11	83	45	236	10	1	20	7	9	1
Scotland.....	26	25	222	23	30	56	5	44	72	82	24
Sweden.....	81	233	504	1,372	50	147	46	904	129	174	434
Switzerland.....	4	7	6	11	76	5	19	6	59	96	12
Turkey.....	.....	.....	3	1	.....	.....	.....	.....	.....	11	.....
Wales.....	17	3	341	90	8	13	6	2	8	10	4
Other foreign countries.....	7	6	37	10	65	12	11	8	19	263	1
NATIVE WHITE: Both parents born in—											
Austria.....	71	9	155	.....	44	25	41	7	7	81	229
Canada—French.....	3	0	1	4	8	8	4	.....	2	32	4
Canada—Other.....	36	43	15	40	28	73	40	22	55	87	55
Denmark.....	86	554	1	8	26	35	31	28	343	152	238
England.....	157	149	645	102	134	142	54	120	97	269	128
France.....	3	8	56	7	15	4	.....	11	5	12	2
Germany.....	1,365	842	164	238	3,656	2,410	1,807	549	847	3,790	1,427
Holland.....	1	5	60	8	180	452	95	6	8	147	21
Hungary.....	.....	.....	270	.....	4	.....	.....	.....	44	5	.....
Ireland.....	243	140	671	82	621	256	107	270	687	434	401
Italy.....	3	74	.....	.....	13	1	4	.....	.....	.....	.....
Norway.....	802	634	7	44	7	220	30	11	686	57	234
Russia.....	3	0	30	38	95	7	.....	10	5	8	.....
Scotland.....	36	15	140	22	35	71	9	35	68	65	28
Sweden.....	76	248	545	1,020	46	145	51	1,193	112	143	599
Switzerland.....	6	4	6	10	91	10	6	1	82	103	10
Wales.....	11	4	293	101	9	18	6	11	4	13	8
All others of foreign parentage.....	201	206	421	100	373	220	152	118	318	824	280

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.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Mitchell.	Monona.	Monroe.	Montgomery.	Muscatine.	O'Brien.	Osceola.	Page.	Palo Alto.	Plymouth.	Pocahontas.
SEX											
Total.. Male.....	6,807	8,705	13,442	8,568	15,219	9,008	4,849	12,346	7,224	12,391	7,822
Female.....	6,623	7,928	11,987	8,036	14,286	8,254	4,307	11,656	6,621	10,738	6,986
White.. Male.....	6,806	8,705	12,150	8,541	15,144	9,005	4,649	12,209	7,222	12,384	7,816
Female.....	6,624	7,928	10,908	8,015	14,223	8,252	4,301	11,531	6,619	10,735	6,985
Negro.. Male.....	1		1,292	27	75			137	2	7	2
Female.....	4		1,079	21	62	2	6	125	2	3	1
MALES OF VOTING AGE											
Total number.....	3,936	4,615	7,313	5,094	9,283	4,846	2,297	7,468	3,728	6,841	4,031
Number in 1900.....	4,191	4,933	6,020	5,109	8,198	4,668	2,300	7,092	3,878	6,059	4,170
Native white—Native parentage.....	1,426	2,582	3,434	2,934	4,801	1,760	741	5,005	1,279	1,847	1,582
Number in 1900.....	1,605	2,309	2,862	3,097	3,865	1,800	816	4,689	1,323	1,698	1,664
Native white—Foreign or mixed parentage.....	1,506	975	1,352	960	2,605	1,559	817	1,315	1,343	2,523	1,283
Number in 1900.....	1,426	832	928	798	2,269	1,243	653	1,118	1,198	1,943	1,089
Native white—Foreign parentage.....	1,126	684	931	673	1,944	1,156	622	865	971	1,901	977
Native white—Mixed parentage.....	380	291	421	287	661	403	195	450	372	622	306
Foreign-born white.....	1,003	1,068	1,763	1,177	1,824	1,524	739	1,053	1,104	2,465	1,162
Number in 1900.....	1,266	1,191	1,000	1,195	2,009	1,620	829	1,203	1,355	2,516	1,416
Negro.....	1		764	23	53			94	2	6	1
Number in 1900.....	4	1	239	19	54		1	69		1	3
Indian, Chinese, Japanese, and all other.....											
PER CENT OF TOTAL.											
Native white—Native parentage.....	36.2	55.9	47.0	57.0	51.7	36.3	32.3	67.0	34.3	27.0	39.2
Native white—Foreign or mixed parentage.....	38.3	21.1	18.5	18.8	28.1	32.2	35.6	17.6	36.0	36.9	31.8
Foreign-born white.....	25.5	22.9	24.1	23.1	19.6	31.4	32.2	14.1	29.6	36.0	28.8
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	672	700	1,044	654	1,239	888	553	594	704	1,539	788
Having first papers.....	49	38	103	33	59	61	42	52	51	131	40
Alien.....	88	74	404	161	184	129	62	98	73	382	124
Unknown.....	194	246	212	329	342	446	82	309	276	413	210
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	33	118	338	136	173	30	9	234	58	146	69
Per cent illiterate.....	0.8	2.6	4.6	2.7	1.9	0.6	0.4	3.1	1.6	2.1	1.7
Per cent in 1900.....	1.6	3.4	5.9	2.5	2.2	2.1	2.1	2.5	1.4	2.8	3.0
Native white, number illiterate.....	11	36	139	34	67	9	2	116	19	39	11
Per cent illiterate.....	0.4	1.0	2.0	0.9	0.9	0.3	0.1	1.8	0.7	0.9	0.4
Foreign-born white, number illiterate.....	22	82	165	93	101	21	7	100	38	106	58
Per cent illiterate.....	2.2	7.8	9.4	8.3	5.5	1.4	0.9	9.5	3.4	4.3	5.0
Negro, number illiterate.....			34	4	5			18	1	1	
Per cent illiterate.....			4.5								
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	10,782	12,662	19,152	13,300	24,288	13,317	6,669	19,244	10,419	17,950	11,234
Number illiterate.....	83	230	651	240	369	56	26	419	151	254	200
Per cent illiterate.....	0.8	1.8	3.4	1.8	1.5	0.4	0.4	2.2	1.4	1.4	1.8
Native white, number.....	8,934	10,679	14,179	11,135	20,853	10,465	5,255	17,178	8,371	13,688	9,113
Number illiterate.....	25	62	261	56	150	10	8	195	35	70	20
Per cent illiterate.....	0.3	0.6	1.8	0.5	0.7	0.1	0.2	1.1	0.4	0.5	0.2
Foreign-born white, number.....	1,844	1,933	3,123	2,121	3,318	2,849	1,403	1,842	2,045	4,253	2,115
Number illiterate.....	68	168	328	175	208	46	13	185	115	183	130
Per cent illiterate.....	3.1	8.5	10.5	8.3	6.3	1.6	1.3	10.0	5.6	4.3	8.5
Negro, number.....	4		1,850	44	116		6	224	3	9	2
Number illiterate.....			62	9	11			39	1	1	
Per cent illiterate.....			3.4		9.5			17.4			
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	3,080	4,036	5,775	3,489	6,467	4,295	2,328	4,882	3,351	5,700	3,794
Number illiterate.....	3	12	38	13	33		2	11	4	22	12
Per cent illiterate.....	0.1	0.3	0.7	0.4	0.5		0.1	0.2	0.1	0.4	0.3
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	4,153	5,531	8,153	4,776	8,498	5,875	3,259	6,714	4,756	7,659	5,230
Number attending school.....	3,146	3,795	5,607	3,091	5,211	3,902	2,421	4,570	3,431	5,041	3,918
Per cent attending school.....	75.8	68.6	68.8	64.7	61.3	66.4	74.3	68.1	72.1	65.8	74.9
Number 6 to 9 years.....	1,073	1,495	2,378	1,287	2,031	1,580	931	1,832	1,405	1,959	1,436
Number attending school.....	956	1,285	2,066	1,021	1,650	1,265	851	1,420	1,150	1,557	1,299
Number 10 to 14 years.....	1,440	1,935	2,638	1,685	2,728	1,913	1,105	2,147	1,579	2,559	1,768
Number attending school.....	1,394	1,795	2,468	1,432	2,485	1,743	1,065	2,025	1,496	2,375	1,707
Number 15 to 17 years.....	882	1,051	1,546	946	1,809	1,166	638	1,290	926	1,517	1,039
Number attending school.....	601	581	812	491	812	680	398	816	620	845	703
Number 18 to 20 years.....	778	1,050	1,591	958	1,930	1,216	585	1,445	846	1,624	987
Number attending school.....	195	134	261	147	264	214	107	309	165	264	209
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	2,513	3,430	5,016	2,872	4,759	3,493	2,036	3,979	2,984	4,518	3,204
Number attending school.....	2,350	3,080	4,534	2,453	4,135	3,008	1,916	3,445	2,646	3,932	3,066
Per cent attending school.....	93.5	89.8	90.4	85.4	86.9	86.1	94.1	86.6	88.7	87.0	93.8
Native white—Native parentage, number.....	1,708	2,246	3,101	1,943	3,381	1,751	1,002	3,313	1,711	2,299	1,818
Number attending school.....	1,603	2,027	2,827	1,694	2,940	1,497	948	2,823	1,523	2,004	1,696
Per cent attending school.....	93.9	90.2	91.2	87.2	87.0	85.5	94.6	85.2	89.0	87.5	93.3
Native white—Foreign or mixed parentage, number.....	791	1,155	1,321	876	1,286	1,643	987	620	1,244	2,170	1,341
Number attending school.....	733	1,028	1,182	719	1,123	1,438	924	582	1,100	1,885	1,269
Per cent attending school.....	92.7	89.0	89.5	82.1	87.3	87.5	93.6	93.9	88.4	86.9	94.6
Foreign-born white, number.....	12	29	181	49	75	97	47	10	28	58	44
Number attending school.....	12	25	147	37	57	72	44	9	22	42	40
Per cent attending school.....			81.2								
Negro, number.....	2		413	4	17	2		36	1	1	1
Number attending school.....	2		378	3	15			31	1	1	
Per cent attending school.....			91.5								
DWELLINGS AND FAMILIES											
Dwellings, number.....	3,156	3,647	5,608	4,023	6,946	3,800	1,899	5,385	2,871	4,756	3,036
Families, number.....	3,206	3,696	5,737	4,087	7,273	3,656	1,819	5,462	2,895	4,814	3,047

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Polk.	Potta- wattamie.	Powe- shiek.	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama.	Taylor.
POPULATION											
Total population, 1910.....	110,438	55,832	19,589	12,904	16,555	60,000	16,552	25,248	24,083	22,156	18,312
1900.....	82,624	54,336	19,414	15,325	17,039	51,558	17,932	23,337	23,159	24,585	18,784
1890.....	65,410	47,490	13,556	13,556	14,522	43,164	17,611	18,370	18,127	21,051	16,384
1880.....	42,395	30,850	18,936	12,085	8,774	41,266	12,696	5,426	10,906	21,585	15,635
1870.....	27,857	16,893	15,581	5,691	1,411	38,590	2,540	570	11,651	16,181	6,989
Increase, 1900-1910.....	27,814	1,496	175	-2,421	-1,084	8,442	-1,380	1,011	924	-2,420	-2,472
Per cent of increase.....	33.7	2.8	0.9	-15.8	-6.1	10.4	-7.7	8.2	4.0	-9.9	-13.2
Increase, 1890-1900.....	17,214	6,906	1,020	1,760	3,117	8,394	321	4,967	5,032	1,549	2,400
Per cent of increase.....	26.3	14.6	5.5	13.0	21.5	10.4	1.8	27.0	27.8	11.8	14.6
Land area (square miles).....	582	942	580	540	574	440	580	700	567	720	534
Population per square mile, 1910.....	189.8	59.3	33.8	23.9	28.8	133.6	28.1	33.2	42.5	30.8	30.5
Rural population per square mile, 1910.....	36.0	28.2	25.1	23.0	28.8	37.8	23.7	33.2	35.0	30.8	30.5
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	88,941	20,202	5,036	.....	.....	43,028	2,570	.....	4,223	.....	.....
Same places in 1900.....	63,839	25,802	3,800	.....	.....	35,254	2,422	.....	4,223	.....	.....
Per cent of increase, 1900-1910.....	39.3	13.5	30.5	.....	.....	22.1	0.1	.....	74.4	.....	.....
Rural, 1910—Remainder of county in 1910.....	21,497	26,540	14,553	12,904	16,555	16,972	13,982	25,248	19,860	23,156	16,312
Same territory in 1900.....	18,785	28,534	15,554	15,325	17,039	16,304	15,510	23,337	20,737	24,585	18,784
Per cent of increase, 1900-1910.....	14.4	-7.0	-6.4	-15.8	-0.1	4.1	-0.9	8.2	-4.2	-9.9	-13.2
Urban, 1900—Places of 2,500 or more in 1900.....	63,839	25,802	3,800	.....	.....	35,254	.....	.....	.....	.....	.....
Rural, 1900—Remainder of county in 1900.....	20,485	28,534	15,554	15,325	17,039	16,304	17,032	23,337	23,159	21,936	18,784
Per cent in places of 2,500 or more, 1910.....	80.5	52.5	25.7	.....	.....	71.7	15.5	.....	17.5	.....	.....
Per cent in places of 2,500 or more, 1900.....	75.2	47.5	19.0	.....	.....	68.4	.....	.....	.....	10.8	.....
COLOR AND NATIVITY											
White.....	100,822	55,361	19,533	12,903	16,522	50,420	16,545	25,240	24,072	21,825	16,261
Number in 1900.....	80,579	54,068	19,363	15,322	17,028	51,058	17,922	23,334	23,155	24,185	18,710
Number in 1890.....	64,811	47,098	18,327	13,556	14,522	42,884	17,610	18,370	18,127	21,051	16,288
Negro.....	3,591	353	55	1	30	572	7	2	8	33	61
Number in 1900.....	2,041	271	51	3	6	490	10	1	5	23	71
Number in 1890.....	1,194	227	66	.....	.....	274	1	.....	.....	46	86
Black.....	2,804	290	34	1	19	450	0	2	8	17	29
Mulatto.....	787	57	21	.....	11	113	1	.....	.....	16	32
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	25	118	1	.....	3	8	.....	.....	3	298	.....
Native white—Native parentage.....	70,238	31,867	14,114	11,372	8,608	24,104	7,150	6,574	14,560	11,078	14,150
Number in 1900.....	58,529	50,491	15,327	13,305	8,450	16,441	7,898	6,200	13,135	12,146	16,864
Native white—Foreign or mixed parentage.....	23,654	15,732	3,861	1,227	5,089	24,030	6,337	11,877	6,594	7,444	1,681
Number in 1900.....	18,325	15,611	4,266	1,570	6,253	22,543	6,027	10,554	6,025	8,083	3,123
Native white—Foreign parentage.....	14,452	10,047	2,151	600	3,530	16,888	4,236	3,001	3,020	4,904	682
Native white—Mixed parentage.....	9,202	5,685	1,710	627	2,150	7,651	2,101	3,816	2,074	2,480	969
Foreign-born white.....	12,980	7,762	1,568	304	2,225	11,277	3,052	6,795	2,918	3,303	450
Number in 1900.....	9,717	7,960	1,740	441	2,325	12,274	3,597	6,471	3,335	4,010	686
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	63.6	57.1	72.1	88.1	52.0	40.2	43.2	26.0	60.5	50.0	86.7
Per cent in 1900.....	68.6	66.1	68.8	86.8	47.0	51.0	44.0	27.0	55.7	49.4	84.9
Native white—Foreign or mixed parentage.....	21.4	28.2	19.7	6.5	34.4	40.1	38.8	47.0	27.4	33.6	10.1
Per cent in 1900.....	22.2	28.7	22.0	10.3	35.4	42.5	37.0	45.8	28.0	32.6	11.3
Foreign-born white.....	11.7	13.9	8.0	2.4	13.4	18.8	18.4	26.9	12.1	14.9	2.8
Per cent in 1900.....	11.8	14.6	9.0	2.9	16.6	23.8	18.9	27.7	14.6	16.3	3.4
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	442	287	122	69	20	317	94	55	42	1,240	4
Belgium.....	17	16	100	.....	.....	81	1	21	1	17	.....
Canada—French.....	33	18	.....	.....	.....	4	19	2	.....	.....	6
Canada—Other.....	600	270	84	41	3	127	64	94	117	120	49
Denmark.....	393	1,698	15	8	59	228	1,427	73	237	73	2
England.....	1,453	485	148	31	145	378	72	90	132	119	90
France.....	79	40	7	6	6	60	3	1	11	5	8
Germany.....	1,725	2,652	414	48	1,062	7,751	907	905	108	1,247	98
Greece.....	171	281	7	.....	9	257	51	23	43	8	.....
Holland.....	99	25	9	.....	20	58	4	5,082	1	5	5
Hungary.....	44	28	3	.....	3	140	1	8	.....	.....	.....
Ireland.....	908	401	303	59	74	700	59	113	151	121	60
Italy.....	1,465	171	11	1	2	88	1	20	15	37	5
Norway.....	530	119	98	1	75	59	148	90	1,745	98	4
Russia.....	1,478	187	8	.....	3	150	0	13	8	8	1
Scotland.....	385	112	88	4	54	87	12	10	62	117	51
Sweden.....	2,362	436	75	23	507	444	30	08	88	35	52
Switzerland.....	104	89	28	1	18	126	11	32	18	8	14
Turkey.....	69	23	.....	.....	2	20	.....	1	.....	.....	.....
Wales.....	239	35	7	4	14	1	1	13	7	7	1
Other foreign countries.....	178	107	5	2	6	67	60	123	7	22	.....
NATIVE WHITE: Both parents born in—											
Austria.....	296	73	128	70	9	158	28	5	20	1,934	.....
Canada—French.....	20	17	.....	.....	3	19	.....	6	11	1	.....
Canada—Other.....	177	134	31	20	57	64	30	36	48	59	33
Denmark.....	251	1,837	17	2	79	108	1,560	40	332	65	1
England.....	1,170	587	114	63	187	387	68	132	154	101	112
France.....	85	30	11	20	8	78	2	17	.....	6	22
Germany.....	2,098	4,077	627	131	2,045	11,620	1,707	1,000	371	1,052	172
Holland.....	149	27	26	10	17	37	1	5,050	7	15	1
Hungary.....	26	7	6	.....	.....	15	.....	3	.....	.....	.....
Ireland.....	2,285	1,126	541	151	184	1,819	173	275	202	270	130
Italy.....	499	54	1	.....	1	58	.....	1	.....	.....	.....
Norway.....	505	114	110	9	56	58	174	150	2,242	133	7
Russia.....	1,017	120	3	.....	8	123	4	13	4	1	.....
Scotland.....	283	138	85	22	86	89	8	34	40	157	48
Sweden.....	2,476	425	58	18	538	422	24	87	100	14	58
Switzerland.....	141	67	27	2	15	137	4	44	4	6	23
Wales.....	270	56	9	.....	6	14	.....	0	20	4	5
All others of foreign parentage.....	1,804	1,122	351	59	244	1,092	430	570	267	243	67

* 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 is 385.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Polk.	Pottawattamie.	Poweshiek.	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama.	Taylor.
SEX											
Total.. Male.....	56,327	29,176	10,122	6,641	8,563	30,799	8,717	13,454	12,306	11,486	8,293
Female.....	54,111	26,666	9,467	6,263	7,992	29,201	7,835	11,794	11,777	10,670	8,019
White.. Male.....	54,459	28,837	10,089	6,641	8,530	30,476	8,714	13,454	12,301	11,303	8,263
Female.....	52,363	26,524	9,444	6,262	7,992	28,944	7,831	11,792	11,771	10,522	7,988
Negro.. Male.....	1,845	222	32	1	30	318	3	4	4	20	30
Female.....	1,746	131	23	1	254	4	2	4	4	13	31
MALES OF VOTING AGE											
Total number.....	35,213	17,076	5,974	3,609	4,857	19,058	4,766	6,875	7,071	6,647	4,783
Number in 1900.....	24,975	15,677	6,746	4,053	4,919	15,294	4,654	6,036	6,747	7,032	5,249
Native white—Native parentage.....	20,730	8,384	3,859	2,900	2,111	5,667	1,671	1,200	3,783	2,782	3,900
Number in 1900.....	15,044	8,045	3,619	3,210	2,091	5,631	1,900	1,209	3,635	3,209	4,229
Native white—Foreign or mixed parentage.....	6,478	4,085	1,215	540	1,530	7,237	1,412	2,241	1,743	2,003	579
Number in 1900.....	4,376	3,349	1,160	593	1,272	5,274	971	1,668	1,422	1,612	642
Native white—Foreign parentage.....	4,288	2,855	760	291	1,073	5,760	1,082	1,804	1,235	1,544	255
Native white—Mixed parentage.....	2,190	1,200	455	249	457	1,477	330	437	508	459	294
Foreign-born white.....	6,725	4,326	844	169	1,196	5,922	1,680	3,434	1,540	1,769	264
Number in 1900.....	4,805	4,078	947	248	1,550	6,210	1,778	3,158	1,787	2,113	385
Negro.....	1,258	171	20	2	18	227	3	4	4	14	20
Number in 1900.....	748	104	25	2	3	176	5	2	2	7	23
Indian, Chinese, Japanese, and all other.....	22	110	1	2	2	5	5	1	1	79	.....
PER CENT OF TOTAL.											
Native white—Native parentage.....	58.9	49.1	65.1	80.4	43.5	29.7	35.1	17.5	53.5	41.9	81.9
Native white—Foreign or mixed parentage.....	18.4	23.9	20.3	15.0	31.5	38.0	29.6	32.6	24.6	30.1	12.2
Foreign-born white.....	19.1	25.3	14.1	4.7	24.6	31.1	35.2	49.9	21.8	26.6	5.5
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	3,443	2,526	572	87	802	3,833	1,038	1,945	1,009	1,142	211
Having first papers.....	395	148	27	3	55	323	199	245	60	51	4
Alien.....	1,322	812	136	14	98	677	239	686	208	190	8
Unknown.....	1,565	840	109	65	241	1,089	204	558	254	386	41
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	850	632	134	53	60	219	43	128	106	109	98
Per cent illiterate.....	2.4	3.7	2.2	1.5	1.2	1.1	0.9	1.9	1.5	1.6	2.1
Per cent in 1900.....	2.7	2.6	2.4	2.5	1.4	1.5	1.6	2.5	2.1	3.2	2.1
Native white, number illiterate.....	239	95	44	47	14	49	15	34	48	21	87
Per cent illiterate.....	0.9	0.8	0.9	1.4	0.4	0.4	0.5	1.0	0.9	0.4	1.9
Foreign-born white, number illiterate.....	470	410	88	6	44	147	28	94	58	74	8
Per cent illiterate.....	7.0	9.5	10.4	3.6	3.7	2.5	1.7	2.7	3.8	4.2	3.0
Negro, number illiterate.....	141	24	2	2	2	23	.....	.....	.....	1	3
Per cent illiterate.....	11.2	14.0	.....	.....	.....	10.1	.....	.....	.....	.....	.....
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	89,868	44,397	15,577	9,939	12,962	49,483	12,703	18,738	19,023	17,596	12,914
Number illiterate.....	1,882	1,018	245	88	139	478	75	309	315	257	175
Per cent illiterate.....	2.1	2.3	1.6	1.0	1.1	1.0	0.6	1.6	1.7	1.5	1.4
Native white, number.....	74,283	36,308	13,992	9,636	10,724	37,835	9,695	12,245	16,180	14,088	12,417
Number illiterate.....	471	211	75	82	39	99	31	60	86	48	150
Per cent illiterate.....	0.6	0.6	0.5	0.9	0.4	0.3	0.3	0.5	0.5	0.3	1.2
Foreign-born white, number.....	12,591	7,657	1,536	302	2,205	11,147	3,002	6,492	2,883	3,264	448
Number illiterate.....	1,115	660	165	16	94	323	44	249	229	149	19
Per cent illiterate.....	8.9	8.6	10.7	5.3	4.3	2.9	1.5	3.8	7.9	4.6	4.2
Negro, number.....	2,970	314	48	1	30	496	6	1	7	25	49
Number illiterate.....	296	37	5	6	6	56	.....	.....	.....	2	6
Per cent illiterate.....	10.0	11.8	.....	.....	.....	11.3	.....	.....	.....	.....	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	21,661	12,563	4,187	2,916	3,890	12,540	3,906	6,297	5,371	5,037	3,624
Number illiterate.....	127	63	5	2	16	27	2	19	12	26	10
Per cent illiterate.....	0.6	0.5	0.1	0.1	0.4	0.2	0.1	0.3	0.2	0.5	0.3
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	29,346	17,071	5,753	4,104	5,306	16,689	5,412	8,785	7,351	6,848	4,923
Number attending school.....	19,326	11,845	4,293	3,198	3,611	10,594	3,673	5,818	5,465	4,723	3,581
Per cent attending school.....	65.9	69.4	74.6	77.9	68.1	63.5	67.9	66.2	74.3	69.0	72.7
Number 6 to 9 years.....	7,685	4,508	1,569	1,188	1,416	4,149	1,506	2,488	1,980	1,811	1,299
Number attending school.....	6,663	4,083	1,395	1,106	1,142	3,738	1,356	2,244	1,795	1,607	1,104
Number 10 to 14 years.....	9,117	5,573	1,928	1,368	1,755	5,479	1,737	2,929	2,374	2,260	1,729
Number attending school.....	8,301	5,279	1,866	1,323	1,649	5,119	1,647	2,671	2,282	2,087	1,616
Number 15 to 17 years.....	5,763	3,403	1,101	803	1,037	3,411	1,065	1,688	1,463	1,389	987
Number attending school.....	3,049	1,944	747	594	619	1,367	540	715	973	795	680
Number 18 to 20 years.....	6,781	3,587	1,153	745	1,098	3,650	1,104	1,680	1,534	1,388	928
Number attending school.....	1,313	539	285	175	201	370	130	188	410	234	201
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	16,802	10,081	3,497	2,556	3,171	9,628	3,243	5,417	4,354	4,071	3,028
Number attending school.....	14,904	9,362	3,261	2,429	2,791	8,857	3,003	4,915	4,077	3,694	2,720
Per cent attending school.....	89.1	92.9	93.3	95.0	88.0	92.0	92.6	90.7	93.6	90.7	89.3
Native white—Native parentage, number.....	11,852	6,555	2,790	2,427	1,923	5,485	1,575	1,737	3,000	2,344	2,787
Number attending school.....	10,587	6,079	2,600	2,308	1,697	5,051	1,467	1,590	2,798	2,128	2,502
Per cent attending school.....	89.3	92.7	93.2	95.1	88.2	92.1	93.1	91.5	93.3	90.3	89.3
Native white—Foreign or mixed parentage, number.....	3,998	3,325	670	125	1,223	3,878	1,608	3,293	1,313	1,591	223
Number attending school.....	3,579	3,119	626	117	1,071	3,576	1,484	3,006	1,243	1,453	202
Per cent attending school.....	89.5	93.8	93.4	93.6	87.6	92.2	92.3	91.3	94.7	91.6	90.6
Foreign-born white, number.....	460	155	29	4	24	173	60	385	39	77	5
Number attending school.....	363	123	27	4	22	151	52	317	35	68	5
Per cent attending school.....	78.9	79.4	.....	.....	.....	87.3	.....	82.3	.....	.....	.....
Negro, number.....	492	46	8	.....	.....	92	.....	2	1	7	.....
Number attending school.....	435	41	8	.....	.....	79	.....	2	1	7	.....
Per cent attending school.....	88.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES											
Dwellings, number.....	23,954	12,057	4,601	3,133	3,636	12,590	3,575	4,922	5,523	5,186	4,010
Families, number.....	25,936	12,472	4,691	3,142	3,663	14,017	3,602	4,975	5,604	5,248	4,035

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 I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Union.	Van Buren.	Wapello.	Warren.	Washing-ton.	Wayne.	Webster.	Winne-bago.	Winne-shiek.	Wood-bury.	Worth.	Wright.
POPULATION												
Total population, 1910.....	16,616	15,020	37,743	18,194	19,925	18,184	34,629	11,914	21,729	67,616	9,950	17,851
1900.....	10,928	17,354	35,420	20,376	20,718	17,491	31,757	12,726	23,731	54,010	10,887	17,827
1890.....	16,900	10,253	30,426	18,269	18,408	15,670	21,582	7,325	22,528	55,032	9,247	12,057
1880.....	14,980	17,043	25,285	19,578	20,374	16,127	15,951	4,917	23,088	14,996	7,953	5,082
1870.....	5,986	17,072	22,346	17,980	18,952	11,287	10,484	1,862	23,570	6,172	2,892	2,392
Increase, 1900-1910.....	-3,312	-2,334	2,317	-2,182	-793	-1,307	2,872	-811	-2,002	13,006	-937	-276
Per cent of increase.....	-16.6	-13.4	6.5	-10.7	-3.8	-7.5	9.0	-6.4	-8.4	23.8	-8.6	-1.5
Increase, 1890-1900.....	3,028	1,101	5,000	2,107	2,250	1,821	10,175	5,400	1,203	-1,022	1,640	0,170
Per cent of increase.....	17.9	6.8	16.4	11.5	12.2	11.6	47.1	73.7	5.3	-1.8	17.7	51.2
Land area (square miles).....	427	477	428	570	559	524	714	399	686	864	399	575
Population per square mile, 1910.....	38.9	31.5	88.2	31.9	35.6	30.9	48.5	29.9	31.7	78.3	24.9	31.2
Rural population per square mile, 1910.....	22.7	31.5	36.8	26.2	27.8	30.9	26.7	29.9	26.4	22.9	24.9	25.3
URBAN AND RURAL TERRITORY.												
Urban, 1910—Places of 2,500 or more in 1910.....	6,024	.....	22,012	3,283	4,890	.....	15,543	.....	3,592	47,828	.....	3,387
Same places in 1900.....	7,752	.....	18,197	3,201	4,255	.....	12,162	.....	3,777	33,111	.....	3,547
Per cent of increase, 1900-1910.....	-10.7	.....	21.0	0.7	2.9	.....	27.8	.....	-4.9	44.4	.....	-4.3
Rural, 1910—Remainder of county in 1910.....	9,992	15,020	15,731	14,911	15,545	16,184	19,086	11,914	18,137	19,788	9,950	14,564
Same territory in 1900.....	12,176	17,354	17,220	17,115	10,463	17,491	19,595	12,725	19,954	21,499	10,887	14,670
Per cent of increase, 1900-1910.....	-20.4	-13.4	-8.7	-12.9	-5.6	-7.5	-1.6	-6.4	-9.1	-8.0	-8.6	-0.7
Urban, 1900—Places of 2,500 or more in 1900.....	7,752	.....	18,197	3,201	4,255	.....	12,162	.....	3,240	33,111	.....	3,547
Rural, 1900—Remainder of county in 1900.....	12,176	17,354	17,220	17,115	10,463	17,491	19,595	12,725	20,495	21,499	10,887	14,670
Per cent in places of 2,500 or more, 1910.....	41.7	.....	58.3	18.0	22.0	.....	44.0	.....	16.5	70.7	.....	18.9
Per cent in places of 2,500 or more, 1900.....	38.9	.....	51.4	10.0	20.5	.....	38.3	.....	13.7	60.6	.....	19.5
COLOR AND NATIVITY												
White.....	16,546	14,960	37,117	18,146	19,820	16,167	34,538	11,910	21,711	67,289	9,933	17,940
Number in 1900.....	19,826	17,351	54,680	20,307	20,648	17,480	31,640	12,721	23,700	54,313	10,879	18,211
Number in 1890.....	16,831	16,123	29,766	18,215	18,393	15,644	21,537	7,325	22,501	55,252	9,255	12,055
Negro.....	70	60	624	47	104	9	84	2	18	317	16	4
Number in 1900.....	109	108	793	68	69	10	115	2	10	292	13	12
Number in 1890.....	63	150	658	54	75	20	43	.....	10	566	22	2
Black.....	60	44	413	14	86	9	78	.....	3	201	15	3
Mulatto.....	10	16	211	33	18	.....	6	.....	15	116	1	1
Indian, Chinese, Japanese, and all other (see Tables 1 and 14).....	.....	.....	2	1	1	8	7	2	.....	10	1	7
Native white—Native parentage.....	12,727	13,347	28,038	15,825	15,204	14,543	16,804	3,481	8,173	34,018	3,149	9,137
Number in 1900.....	14,838	14,925	25,341	17,378	15,557	15,084	13,125	3,321	7,176	23,107	2,593	8,291
Native white—Foreign or mixed parentage.....	2,725	1,265	6,390	1,780	3,412	1,112	12,053	5,043	9,844	20,513	4,783	6,228
Number in 1900.....	3,518	1,787	6,486	2,808	3,798	1,321	12,470	6,493	11,381	16,093	5,584	6,167
Native white—Foreign parentage.....	1,515	547	3,728	810	1,897	525	7,318	3,933	6,434	13,190	3,165	3,740
Native white—Mixed parentage.....	1,210	718	2,662	970	1,515	587	4,732	2,010	3,410	7,323	1,618	2,488
Foreign-born white.....	1,094	348	2,689	535	1,144	512	6,081	2,480	3,094	12,758	2,001	2,675
Number in 1900.....	1,470	539	2,865	727	1,293	475	6,045	2,937	3,152	9,298	2,695	2,763
PER CENT OF TOTAL POPULATION.												
Native white—Native parentage.....	76.6	88.9	74.3	87.0	76.6	89.9	48.5	29.2	37.6	50.3	31.6	50.9
Per cent in 1900.....	74.5	88.0	71.5	85.3	75.1	89.7	41.3	26.2	50.2	51.5	23.8	61.0
Native white—Foreign or mixed parentage.....	15.4	8.4	16.9	9.8	17.1	6.9	34.3	49.9	45.3	30.3	48.1	34.7
Per cent in 1900.....	17.7	10.3	18.1	10.8	18.3	7.6	39.3	50.5	48.0	31.1	51.3	33.8
Foreign-born white.....	6.6	2.3	7.1	2.9	5.7	3.2	16.4	20.9	17.0	18.9	20.1	14.3
Per cent in 1900.....	7.4	5.1	8.1	5.6	6.2	2.7	19.0	23.5	21.7	16.9	24.8	15.8
FOREIGN NATIONALITIES												
FOREIGN-BORN WHITE: Born in—												
Austria.....	39	2	55	21	271	.....	246	14	514	502	123	24
Belgium.....	2	1	2	2	3	.....	.....	.....	1	10	2	4
Canada—French.....	2	3	16	2	11	2	14	.....	12	213	.....	6
Canada—Other.....	69	27	116	29	86	13	181	20	143	679	33	128
Denmark.....	12	1	12	11	2	19	192	123	19	823	100	174
England.....	84	33	383	87	36	137	209	24	72	708	20	160
France.....	5	5	21	1	60	1	15	1	0	48	.....	97
Germany.....	326	139	394	201	367	71	906	364	561	2,162	239	661
Greece.....	34	6	65	24	0	.....	139	.....	1	363	15	24
Holland.....	11	5	76	5	14	5	13	16	9	175	1	78
Hungary.....	2	.....	3	.....	1	.....	106	2	1	32	.....	.....
Ireland.....	139	52	281	70	89	23	431	25	139	758	15	122
Italy.....	7	.....	65	11	31	158	198	.....	2	600	.....	41
Norway.....	7	1	13	8	1	4	787	1,656	2,087	1,404	1,286	739
Russia.....	10	.....	162	.....	3	4	58	2	10	1,672	5	7
Scotland.....	33	12	90	29	17	17	103	8	21	205	16	53
Sweden.....	243	40	754	20	60	36	1,938	210	36	1,867	79	145
Switzerland.....	3	7	21	4	44	3	60	7	45	84	5	14
Turkey.....	55	.....	0	1	.....	.....	64	.....	1	314	4	1
Wales.....	4	11	118	9	14	9	.....	2	2	35	2	15
Other foreign countries.....	7	3	37	.....	72	10	23	0	12	104	6	29
NATIVE WHITE: Both parents born in—												
Austria.....	50	3	84	1	427	1	315	11	849	180	168	17
Canada—French.....	2	.....	8	1	4	1	10	.....	4	252	1	5
Canada—Other.....	27	8	34	1	9	1	71	0	71	394	8	47
Denmark.....	12	.....	9	16	1	8	187	146	9	764	72	259
England.....	87	47	334	94	47	105	282	38	115	551	35	188
France.....	18	9	19	4	63	.....	20	.....	8	66	1	102
Germany.....	516	220	778	347	743	168	1,621	580	1,203	3,533	585	1,083
Holland.....	8	4	63	5	7	5	14	9	3	90	1	52
Hungary.....	.....	.....	15	.....	.....	.....	19	1	.....	5	.....	.....
Ireland.....	363	117	772	174	204	60	1,214	84	407	1,813	46	316
Italy.....	.....	.....	23	.....	.....	73	6	.....	.....	51	.....	.....
Norway.....	3	1	12	6	2	1	908	2,684	3,336	1,302	1,933	1,093
Russia.....	9	.....	109	1	1	4	14	2	6	480	.....	.....
Scotland.....	37	16	91	61	21	14	130	13	18	205	11	38
Sweden.....	244	58	893	19	95	21	2,226	102	37	2,011	45	151
Switzerland.....	4	2	22	6	31	5	68	3	59	90	6	12
Wales.....	1	9	129	4	11	5	17	.....	1	53	7	37
All others of foreign parentage.....	134	53	378	70	231	44	588	165	308	1,342	197	340

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.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Union.	Van Buren.	Wapello.	Warren.	Washington.	Wayne.	Webster.	Winnebago.	Winnesaukee.	Woodbury.	Worth.	Wright.
SEX												
Total.. Male.....	8,335	7,565	19,185	9,101	10,132	8,182	18,298	6,127	10,918	36,207	5,181	9,391
Female.....	8,281	7,455	18,548	9,093	9,793	8,002	16,331	5,787	10,811	31,409	4,769	8,560
White.. Male.....	8,297	7,539	18,874	9,075	10,075	8,177	18,238	6,124	10,909	36,027	5,171	9,382
Female.....	8,249	7,421	18,243	9,071	9,745	7,990	16,300	5,786	10,802	31,202	4,762	8,558
Negro.. Male.....	38	26	321	25	56	1	53	1	9	174	9	2
Female.....	32	34	303	22	48	8	31	1	9	143	7	2
MALES OF VOTING AGE												
Total number.....	4,869	4,415	11,409	5,145	5,968	4,553	10,831	3,150	6,007	22,570	2,768	5,086
Number in 1900.....	6,080	5,023	10,068	5,623	6,016	4,777	9,155	3,315	6,645	15,372	2,839	5,026
Native white—Native parentage.....	3,413	3,705	7,825	4,177	4,100	3,891	4,283	538	1,209	10,136	480	2,227
Number in 1900.....	4,160	4,048	6,682	4,534	4,176	4,057	5,314	696	1,315	7,459	479	2,328
Native white—Foreign or mixed parentage.....	845	502	1,914	634	1,206	365	3,362	1,315	2,895	5,245	1,227	1,435
Number in 1900.....	1,032	615	1,637	673	1,147	433	2,597	1,090	2,616	3,743	1,056	1,229
Native white—Foreign parentage.....	531	252	1,221	360	755	207	2,537	1,055	2,340	3,581	1,008	1,005
Native white—Mixed parentage.....	314	250	693	274	451	158	825	230	555	1,664	219	429
Foreign-born white.....	584	190	1,447	318	622	295	3,138	1,294	1,890	7,057	1,053	1,417
Number in 1900.....	836	302	1,473	389	677	281	3,009	1,526	2,600	4,559	1,400	1,453
Negro.....	27	18	223	15	39	1	43	1	4	126	7	2
Number in 1900.....	52	27	274	26	24	1	43	1	11	109	2	8
Indian, Chinese, Japanese, and all other.....				1	1	1	5	2		6	1	5
PER CENT OF TOTAL.												
Native white—Native parentage.....	70.1	83.9	68.6	81.2	68.7	85.5	39.5	17.1	20.1	44.9	17.3	43.8
Native white—Foreign or mixed parentage.....	17.4	11.4	16.8	12.3	20.2	8.0	31.0	41.7	48.2	23.2	44.3	28.2
Foreign-born white.....	12.0	4.3	12.7	6.2	10.4	6.5	29.0	41.1	31.6	31.3	38.0	27.9
CITIZENSHIP OF FOREIGN-BORN WHITE.												
Naturalized.....	355	119	885	167	394	129	1,843	926	1,312	3,185	682	925
Having first papers.....	8	3	51	4	6	21	213	72	103	548	46	68
Alien.....	92	7	175	60	99	85	529	93	131	1,991	96	227
Unknown.....	129	61	336	87	123	60	553	203	353	1,333	229	196
ILLITERACY												
ILLITERATE MALES OF VOTING AGE.												
Total number illiterate.....	55	73	282	79	105	104	218	95	236	473	77	108
Per cent illiterate.....	1.1	1.7	2.5	1.5	1.8	2.3	2.0	3.0	3.9	2.1	2.8	2.1
Per cent in 1900.....	1.4	5.4	4.3	2.6	2.5	2.7	3.5	3.2	4.3	1.3	4.0	1.2
Native white, number illiterate.....	30	63	163	55	58	91	56	15	53	67	7	16
Per cent illiterate.....	0.7	1.5	1.7	1.1	1.1	2.1	0.7	0.8	1.3	0.4	0.4	0.4
Foreign-born white, number illiterate.....	20	9	83	22	44	12	160	80	183	403	70	90
Per cent illiterate.....	3.4	4.7	5.7	6.9	7.1	4.1	5.1	6.2	9.6	5.7	6.6	6.4
Negro, number illiterate.....	5	1	36	2	2	1	2			1		
Per cent illiterate.....			16.1							0.8		
PERSONS 10 YEARS OLD AND OVER.												
Total number.....	13,231	11,905	30,215	14,348	15,899	12,589	27,327	8,883	17,116	55,015	7,644	13,789
Number illiterate.....	128	157	628	138	235	197	480	263	721	904	227	249
Per cent illiterate.....	1.0	1.3	2.1	1.0	1.5	1.6	1.8	2.9	4.2	1.6	3.0	1.8
Native white, number.....	12,084	11,500	27,046	13,773	14,690	12,079	21,651	6,511	13,430	42,279	5,643	11,227
Number illiterate.....	64	124	376	96	110	167	402	35	141	153	18	36
Per cent illiterate.....	0.5	1.1	1.4	0.7	0.7	1.4	0.5	0.5	1.0	0.4	0.3	0.3
Foreign-born white, number.....	1,085	348	2,650	534	1,123	496	5,595	2,468	3,675	12,462	1,985	2,551
Number illiterate.....	51	23	181	37	120	26	375	228	580	747	209	211
Per cent illiterate.....	4.7	6.6	6.8	6.9	10.7	5.2	6.7	9.2	15.8	6.0	10.5	8.3
Negro, number.....	62	57	517	40	35	9	74	2	11	265	15	4
Number illiterate.....	13	10	71	5	4	3	3			1		
Per cent illiterate.....			13.7							0.4		
PERSONS 10 TO 20 YEARS, INCLUSIVE.												
Total number.....	3,550	3,023	8,071	4,175	4,216	3,600	7,641	2,081	5,162	14,591	2,391	4,281
Number illiterate.....	8	11	39	5	8	12	27	2	25	85	4	17
Per cent illiterate.....	0.2	0.4	0.5	0.1	0.2	0.3	0.4	0.1	0.5	0.6	0.2	0.4
SCHOOL AGE AND ATTENDANCE												
Total number 6 to 20 years, inclusive.....	4,950	4,215	10,945	5,699	5,774	5,018	10,534	4,172	7,091	19,499	3,349	5,955
Number attending school.....	3,630	3,188	7,295	4,273	4,290	3,602	7,127	3,032	5,040	12,579	2,444	4,379
Per cent attending school.....	73.3	75.6	66.7	75.0	74.3	71.8	67.7	72.7	71.1	64.5	73.0	73.5
Number 6 to 9 years.....	1,400	1,187	2,874	1,524	1,558	1,418	2,893	1,191	1,929	4,908	958	1,674
Number attending school.....	1,295	1,052	2,575	1,217	1,375	1,207	2,395	1,028	1,640	4,126	738	1,503
Number 10 to 14 years.....	1,635	1,415	3,547	1,910	1,984	1,675	3,470	1,428	2,478	6,152	1,149	1,967
Number attending school.....	1,541	1,341	3,324	1,803	1,898	1,494	3,263	1,366	2,339	5,749	1,118	1,903
Number 15 to 17 years.....	904	815	2,191	1,153	1,104	967	2,019	815	1,342	3,931	619	1,174
Number attending school.....	601	595	1,098	595	754	603	1,140	517	890	2,030	405	761
Number 18 to 20 years.....	951	798	2,333	1,112	1,128	953	2,152	732	1,342	4,448	623	1,140
Number attending school.....	193	198	338	353	293	233	329	131	201	655	133	204
PERSONS 6 TO 14 YEARS, INCLUSIVE.												
Total number.....	3,035	2,602	6,421	3,434	3,542	3,093	6,883	2,619	4,407	11,060	2,107	3,641
Number attending school.....	2,836	2,393	5,859	3,020	3,273	2,701	5,658	2,394	3,979	9,875	1,906	3,414
Per cent attending school.....	93.4	92.0	91.2	87.9	92.4	87.3	88.9	91.4	90.3	89.3	90.5	93.8
Native white—Native parentage, number.....	2,556	2,470	5,248	3,186	3,079	2,923	3,906	1,062	2,615	6,351	1,013	2,065
Number attending school.....	2,394	2,268	4,788	2,797	2,860	2,551	3,482	981	2,359	5,659	915	1,967
Per cent attending school.....	93.7	91.8	91.2	87.8	92.6	87.3	89.1	92.4	90.2	89.1	90.3	93.9
Native white—Foreign or mixed parentage.....	457	121	1,017	239	428	150	2,349	1,518	1,757	4,262	1,071	1,493
Number attending school.....	427	114	927	215	397	135	2,088	1,381	1,592	3,820	971	1,403
Per cent attending school.....	93.4	94.2	91.2	90.0	92.8	90.0	88.9	91.0	90.6	89.6	90.7	93.7
Foreign-born white, number.....	13		60		17	16	99	39	30	405	21	47
Number attending school.....	8		59		10	11	79	32	23	355	18	43
Per cent attending school.....			98.3		58.8	68.8	79.7	82.1	76.7	87.7	85.7	91.3
Negro, number.....	9	11	98	9	18	9	9		5	42	2	1
Number attending school.....	7	11	83	8	16	9	9		5	41	2	1
Per cent attending school.....			84.7		88.9	100.0	100.0		100.0	97.6	100.0	100.0
DWELLINGS AND FAMILIES												
Dwellings, number.....	4,020	3,862	8,903	4,406	4,904	3,943	7,014	2,359	4,733	13,575	2,052	3,947
Families, number.....	4,074	3,893	9,215	4,444	4,967	3,983	7,330	2,393	4,799	14,533	2,095	3,995

TABLE II.—COMPOSITION AND CHARACTERISTICS OF

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

SUBJECT.	TOTAL, CITIES NAMED.	Cedar Rapids.	Clinton.	Council Bluffs.	Davenport. ¹	Des Moines.	Dubuque.	Sioux City. ¹	Waterloo. ¹
POPULATION									
Total population, 1910.....	330,001	32,811	25,577	29,292	43,028	86,398	38,494	47,828	26,698
1900.....	253,537	25,056	22,608	25,802	35,254	62,139	30,297	33,111	12,580
1890.....	204,869	18,020	13,619	21,474	26,872	50,093	30,311	37,800	6,674
1880.....	116,708	10,104	9,052	18,063	21,831	22,408	22,254	7,366	5,630
1870.....	80,334	5,940	6,129	10,020	20,038	12,035	18,434	3,401	4,337
Increase, 1900-1910.....	76,564	7,155	2,870	3,490	7,774	24,229	2,197	14,717	14,113
Per cent of increase.....	30.2	27.9	12.7	13.5	22.1	39.0	6.1	44.4	112.2
Increase, 1890-1900.....	48,068	7,630	9,070	4,328	8,382	12,046	5,986	4,995	5,906
Per cent of increase.....	23.8	42.4	66.7	20.2	31.2	24.0	19.7	-12.4	88.5
COLOR AND NATIVITY									
White.....	325,036	32,596	25,144	28,854	42,452	83,414	38,391	47,516	20,668
Number in 1900.....	250,290	25,426	22,517	25,559	34,762	60,460	30,180	32,320	12,520
Number in 1890.....	202,306	17,835	15,498	21,166	26,605	48,944	30,183	37,438	6,670
Negro.....	4,889	213	432	320	500	2,930	96	305	24
Number in 1900.....	3,228	290	180	240	488	1,075	115	280	20
Number in 1890.....	2,532	187	181	275	301	1,146	125	354	3
Black.....	3,593	130	208	156	211	1,100	68	189	18
Mulatto.....	1,296	83	128	62	113	770	28	116	6
Indian.....	129			115	4	4		5	1
Chinese.....	25	1		1	3	15	3	2	
Japanese.....	13	1	1	2		5	4		
Native white—Native parentage.....	172,652	17,434	11,361	10,900	17,702	53,785	15,462	22,405	17,594
Number in 1900.....	120,555	12,005	8,814	14,080	11,108	38,187	12,028	15,168	7,800
Native white—Foreign or mixed parentage.....	100,171	9,841	8,903	7,077	10,649	10,234	10,840	14,659	6,368
Number in 1900.....	84,799	8,048	8,770	6,853	15,121	14,337	17,165	11,079	5,486
Native white—Foreign parentage.....	65,408	6,506	6,142	4,891	11,400	11,836	10,985	6,893	3,746
Native white—Mixed parentage.....	34,763	3,335	2,761	2,786	5,249	5,835	5,785	4,706	2,622
Foreign-born white.....	52,212	5,321	4,880	4,268	8,101	10,395	6,089	10,452	2,700
Number in 1900.....	44,006	4,473	5,433	3,720	8,473	7,030	6,053	6,684	1,934
PER CENT OF TOTAL POPULATION.									
Native white—Native parentage.....	52.3	53.1	44.4	57.7	41.1	62.3	40.2	46.8	65.9
Per cent in 1900.....	47.0	50.3	36.6	58.1	31.7	61.5	33.2	45.8	62.0
Native white—Foreign or mixed parentage.....	30.3	30.0	34.8	26.2	38.7	22.3	43.7	30.6	23.9
Per cent in 1900.....	33.4	31.4	38.6	26.6	42.9	28.1	47.3	33.5	27.2
Foreign-born white.....	15.8	16.2	19.1	14.6	18.8	12.0	15.8	21.9	10.1
Per cent in 1900.....	17.7	17.4	23.9	14.4	24.0	12.8	19.2	19.9	10.6
Negro.....	1.5	0.6	1.7	1.1	1.3	3.4	0.2	0.6	0.1
Per cent in 1900.....	1.3	0.9	0.8	0.9	1.4	2.7	0.3	0.8	0.2
SEX									
Total...Male.....	167,656	16,300	13,067	15,154	21,530	43,135	18,977	25,718	13,775
Female.....	162,435	16,511	12,510	14,138	21,498	43,263	19,517	22,110	12,913
White...Male.....	164,870	16,178	12,814	14,836	21,211	41,623	18,910	25,548	13,759
Female.....	160,156	16,418	12,330	14,018	21,241	41,791	19,481	21,068	12,909
Negro...Male.....	2,620	120	253	201	315	1,490	60	166	15
Female.....	2,269	93	179	110	254	1,440	36	139	9
FOREIGN NATIONALITIES									
FOREIGN-BORN WHITE: Born in—									
Austria.....	4,685	2,708	285	247	268	207	255	473	92
Bulgaria.....	109	9	24		3		12	14	47
Canada—French.....	270	23	7	14	16	27	35	138	16
Canada—Other.....	2,306	200	208	102	192	578	170	506	210
Denmark.....	3,025	81	494	1,155	108	353	20	517	237
England.....	3,412	215	312	308	308	1,127	337	502	273
France.....	270	19	12	27	52	54	61	35	10
Germany.....	15,056	557	2,171	872	5,290	1,431	3,176	1,202	897
Greece.....	1,156	18	27	207	219	124	15	342	204
Holland.....	401	19	25	17	48	70	52	162	6
Hungary.....	235	43	40	11	72	17	0	30	7
Ireland.....	4,212	418	522	305	581	804	811	661	210
Italy.....	2,218	61	68	148	81	932	281	580	67
Luxemburg.....	133	1					125	0	
Norway.....	2,012	44	87	97	50	407	17	1,264	56
Roumania.....	261	6	127	10		80	6	23	
Russia.....	4,103	384	95	175	145	1,408	189	1,057	140
Scotland.....	860	100	44	50	64	317	58	166	43
Sweden.....	5,031	105	203	324	383	2,001	96	1,073	96
Switzerland.....	598	27	19	33	80	70	277	54	38
Turkey.....	530	81	20	5	20	63	17	311	18
Wales.....	269	15	2	15	9	184	16	23	5
Other foreign countries.....	364	28	23	34	51	91	67	43	37
NATIVE WHITE: Both parents born in—									
Austria.....	3,945	3,090	64	63	142	106	189	160	41
Canada—French.....	263	22	12	12	17	18	26	141	15
Canada—Other.....	941	89	99	82	59	149	57	312	94
Denmark.....	2,572	60	420	1,041	128	225	8	449	205
England.....	3,000	182	366	318	298	883	398	377	328
France.....	328	24	9	30	69	62	62	53	14
Germany.....	25,274	1,076	2,801	1,334	7,022	2,474	6,037	2,051	1,780
Holland.....	350	17	23	6	37	106	63	91	7
Ireland.....	10,470	768	1,195	694	1,513	1,857	2,455	1,445	542
Italy.....	655	67	9	42	57	385	11	51	33
Norway.....	1,833	59	90	90	54	341	33	1,139	77
Russia.....	1,991	130	32	115	89	992	103	471	59
Scotland.....	810	118	49	70	65	221	60	160	55
Sweden.....	5,216	172	306	310	363	2,126	99	1,777	63
Switzerland.....	571	30	15	21	91	72	258	61	23
Wales.....	323	17	4	21	9	217	5	39	11
All others of foreign parentage.....	6,726	549	648	636	796	1,512	1,115	1,030	390

¹ For changes in boundaries, see page 620.

STATISTICS OF POPULATION.

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THE POPULATION FOR CITIES OF 25,000 OR MORE.

A minus sign (-) denotes decrease.]

SUBJECT.	TOTAL, CITIES NAMED.	Cedar Rapids.	Clinton.	Council Bluffs.	Davenport. ¹	Des Moines.	Dubuque.	Sioux City. ¹	Waterloo. ¹
MALES OF VOTING AGE									
Total number.....	107,145	10,387	8,397	8,439	13,703	27,359	11,983	16,932	8,945
Number in 1900.....	76,944	7,462	6,617	7,643	10,372	18,911	10,977	10,082	3,880
Native white—Native parentage.....	49,336	5,119	3,187	4,826	4,336	15,976	3,308	7,224	5,360
Number in 1900.....	33,264	3,794	2,244	4,233	2,461	11,209	2,753	4,316	2,244
Native white—Foreign or mixed parentage.....	28,415	2,554	2,453	2,034	5,007	5,088	5,402	3,801	2,076
Number in 1900.....	19,981	1,654	1,749	1,546	3,578	3,286	4,819	2,435	864
Native white—Foreign parentage.....	20,564	1,893	1,886	1,400	3,938	3,390	4,029	2,666	1,362
Native white—Mixed parentage.....	7,851	661	567	634	1,069	1,698	1,373	1,135	714
Foreign-born white.....	27,401	2,619	2,615	2,309	4,132	5,231	3,220	5,781	1,494
Number in 1900.....	21,544	2,044	2,563	1,774	4,160	3,815	3,553	5,170	665
Negro.....	1,845	93	142	160	224	1,043	47	122	14
Number in 1900.....	1,149	70	61	39	170	597	50	106	6
Indian, Chinese, and Japanese.....	148	2	.....	110	4	21	6	4	.....
PER CENT OF TOTAL.									
Native white—Native parentage.....	46.0	49.3	38.0	51.1	31.6	58.4	27.6	42.7	59.9
Native white—Foreign or mixed parentage.....	26.5	24.6	29.2	21.5	36.5	18.6	45.1	22.4	23.2
Foreign-born white.....	25.6	25.2	31.1	24.5	30.2	19.1	26.9	34.1	16.7
Negro.....	1.7	0.9	1.7	1.7	1.6	3.8	0.4	0.7	0.2
CITIZENSHIP OF FOREIGN-BORN WHITE.									
Naturalized.....	15,273	1,531	1,697	1,302	2,597	2,807	2,281	2,408	650
Having first papers.....	1,504	185	98	94	264	280	120	459	64
Alien.....	5,503	416	540	519	488	893	410	1,821	416
Unknown.....	5,061	487	280	394	783	1,251	409	1,093	364
ILLITERACY									
ILLITERATE MALES OF VOTING AGE.									
Total number illiterate.....	2,192	169	181	446	165	598	89	365	169
Per cent illiterate.....	2.0	1.6	2.2	4.7	1.2	2.2	0.8	2.2	1.9
Per cent in 1900.....	1.9	1.5	3.0	2.5	1.6	2.4	1.4	1.2	0.9
Native white, number illiterate.....	376	45	20	45	29	163	22	25	27
Per cent illiterate.....	0.5	0.6	0.4	0.7	0.3	0.8	0.3	0.2	0.4
Foreign-born white, number illiterate.....	1,547	117	150	274	113	339	77	337	140
Per cent illiterate.....	5.6	4.5	5.7	11.9	2.7	6.5	2.4	5.8	9.4
Negro, number illiterate.....	164	7	11	24	23	96	.....	1	2
Per cent illiterate.....	8.9	.....	7.7	15.0	10.3	9.2	.....	0.8	.....
PERSONS 10 YEARS OLD AND OVER.									
Total number.....	273,414	27,272	21,216	23,888	35,905	71,134	32,085	39,957	21,957
Number illiterate.....	4,483	389	375	665	382	1,395	275	691	311
Per cent illiterate.....	1.6	1.4	1.8	2.8	1.1	2.0	0.9	1.7	1.4
Native white, number.....	217,969	21,930	16,075	19,282	27,399	58,517	25,957	29,518	19,291
Number illiterate.....	325	82	64	97	65	326	68	65	58
Per cent illiterate.....	0.4	0.4	0.4	0.5	0.2	0.6	0.3	0.2	0.3
Foreign-born white, number.....	51,180	5,156	4,838	4,198	8,009	10,125	6,038	10,175	2,641
Number illiterate.....	3,192	295	284	422	261	852	206	622	250
Per cent illiterate.....	6.2	5.7	5.9	10.1	3.3	8.4	3.4	6.1	9.5
Negro, number.....	4,103	184	302	290	493	2,469	83	253	24
Number illiterate.....	353	12	27	36	56	217	1	1	3
Per cent illiterate.....	8.6	6.5	8.9	12.4	11.4	8.8	.....	0.4	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.									
Total number.....	65,787	6,637	5,155	6,061	8,526	16,530	7,940	9,795	5,143
Number illiterate.....	335	25	35	48	20	79	17	71	40
Per cent illiterate.....	0.5	0.4	0.7	0.8	0.2	0.5	0.2	0.7	0.8
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive.....	87,737	8,763	6,900	8,163	11,349	22,300	10,531	12,889	6,842
Number attending school.....	58,382	5,583	4,649	5,434	7,117	14,633	6,598	7,893	4,475
Per cent attending school.....	64.3	63.7	67.4	66.6	62.7	65.6	62.7	61.2	65.4
Number 6 to 9 years.....	21,950	2,126	1,745	2,102	2,823	5,770	2,591	3,094	1,699
Number attending school.....	19,642	1,906	1,654	1,961	2,519	5,056	2,374	2,614	1,558
Number 10 to 14 years.....	27,077	2,633	2,104	2,568	3,674	6,851	3,335	3,905	2,007
Number attending school.....	25,084	2,450	1,966	2,424	3,423	6,273	3,049	3,604	1,899
Number 15 to 17 years.....	17,814	1,839	1,495	1,616	2,280	4,376	2,182	2,674	1,352
Number attending school.....	8,494	911	771	797	907	2,248	889	1,222	749
Number 18 to 20 years.....	20,896	2,165	1,556	1,877	2,572	5,303	2,423	3,216	1,784
Number attending school.....	3,162	310	258	252	268	1,056	453	453	279
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Total number.....	49,027	4,759	3,849	4,070	6,497	12,621	5,926	6,969	3,706
Number attending school.....	44,726	4,362	3,620	4,385	5,942	11,329	5,423	6,218	3,447
Per cent attending school.....	91.2	91.7	94.1	93.9	91.5	89.8	91.5	88.8	93.0
Native white—Native parentage, number.....	31,001	2,843	2,125	3,127	3,820	8,612	3,806	3,746	2,922
Number attending school.....	28,317	2,601	2,003	2,947	3,488	7,743	3,484	3,324	2,727
Per cent attending school.....	91.3	91.5	94.3	94.2	91.3	89.9	91.5	88.7	93.3
Native white—Foreign or mixed parentage, number.....	15,978	1,683	1,591	1,308	2,461	3,249	2,036	2,837	723
Number attending school.....	14,650	1,560	1,496	1,322	2,266	2,939	1,869	2,526	672
Per cent attending school.....	91.7	92.7	94.0	94.6	92.1	90.5	91.8	89.0	92.9
Foreign-born white, number.....	1,391	205	59	108	124	386	71	377	61
Number attending school.....	1,173	178	51	83	109	316	53	330	48
Per cent attending school.....	84.3	86.8	.....	76.9	87.9	81.9	.....	87.5	.....
Negro, number.....	657	28	74	37	92	374	13	39	.....
Number attending school.....	586	23	70	33	79	331	12	38	.....
Per cent attending school.....	89.2	.....	.....	.....	.....	88.5	.....	.....	.....
DWELLINGS AND FAMILIES									
Dwellings, number.....	69,756	7,580	5,765	6,344	8,900	18,694	7,472	9,293	5,708
Families, number.....	76,278	7,949	5,978	6,722	10,316	20,599	8,417	10,204	6,093

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

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

SUBJECT.	TOTAL, CITIES NAMED.	Boone. ¹	Burlington.	Fort Dodge. ¹	Iowa City.	Keokuk.	Marshalltown. ¹	Mason City.	Muscatine.	Ottumwa. ¹
COLOR AND NATIVITY										
Total population, 1910.....	137,107	10,347	24,324	15,543	10,091	14,008	13,374	11,230	16,178	22,012
1000.....	117,431	8,880	23,201	12,162	7,987	14,641	11,544	6,746	14,073	18,197
Native white—Native parentage.....	79,886	6,182	11,282	8,511	5,632	8,206	8,765	6,558	9,166	15,584
Native white—Foreign or mixed parentage.....	37,845	2,749	8,666	4,765	3,094	3,575	3,051	3,022	4,745	4,148
Foreign-born white.....	16,739	1,327	3,938	2,188	1,208	1,210	1,430	1,508	2,145	1,745
Negro.....	2,555	86	398	73	57	1,010	128	142	192	533
Indian, Chinese, Japanese, and all other.....	32	3	10	6	10	1				2
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	1,130	97	105	65	488	12	141	127	73	22
Canada—French.....	76	3	13	9	3	8	15	6	6	13
Canada—Other.....	681	47	60	95	57	45	107	120	51	93
Denmark.....	356	8	94	70	4	10	77	77	10	6
England.....	1,026	87	128	104	86	88	90	150	50	237
France.....	110	2	20	6	12	24	2	4	21	10
Germany.....	5,473	275	1,842	535	286	306	288	266	1,352	233
Greece.....	387	7	85	122	18	27	28	84	12	54
Holland.....	244	3	10	8	10	67	3	12	111	20
Ireland.....	1,424	60	202	215	178	231	104	119	98	208
Italy.....	355	3	61	81	24	9	67	54	26	10
Norway.....	629	22	19	231	2	14	175	153	4	9
Russia.....	777	25	165	48	28	4	53	70	230	145
Scotland.....	366	124	25	36	18	34	26	15	14	74
Sweden.....	3,022	521	932	460	12	213	210	121	19	525
Switzerland.....	232	11	93	19	12	11	25	7	39	15
Turkey.....	122	2	42	54	15	3		4		2
Wales.....	139	10	6	4	31	5	7	3		61
Other foreign countries.....	270	8	21	17	14	9	12	160	21	8
NATIVE WHITE: Both parents born in—										
Austria.....	1,060	10	47	68	611	5	185	83	39	12
Canada—French.....	73	8	13	14	4	4	13	4	6	7
Canada—Other.....	258	4	15	47	26	15	52	51	20	28
Denmark.....	304	8	84	60	4	4	71	50	4	7
England.....	947	61	89	132	88	77	84	138	55	223
France.....	98		21	8	10	20	5	7	9	12
Germany.....	9,663	411	3,454	881	655	963	465	462	2,260	472
Holland.....	268	2	6	11	1	109	11	6	102	21
Ireland.....	3,670	213	461	594	381	568	197	347	312	597
Italy.....	125		33	3	12	11	35	11	13	7
Norway.....	782	22	7	306	6	5	225	107	5	9
Russia.....	339	13	57	12	13	8	35	23	86	92
Scotland.....	442	150	44	50	9	31	28	33	21	70
Sweden.....	3,354	575	1,058	527	8	213	218	71	20	664
Switzerland.....	188	18	53	24	7	5	22	6	36	17
Wales.....	161	15	8	6	48	3	10	4	2	65
All others of foreign parentage ²	2,301	202	444	204	212	252	178	262	203	254
SEX										
Total... Male.....	68,368	5,153	12,015	8,105	4,708	6,713	6,700	5,933	8,145	10,896
Female.....	68,739	5,194	12,309	7,438	5,383	7,295	6,674	5,297	8,033	11,116
White... Male.....	67,048	5,098	11,800	8,054	4,663	6,228	6,041	5,840	8,079	10,636
Female.....	67,472	5,100	12,110	7,410	5,361	6,763	6,005	5,280	7,977	10,841
Negro... Male.....	1,293	52	208	45	35	484	59	84	66	260
Female.....	1,262	34	190	28	22	532	69	58	56	273
MALES OF VOTING AGE										
Total number.....	43,806	3,147	7,798	5,087	3,078	4,325	4,224	3,786	5,108	6,753
Native white—Native parentage.....	22,400	1,666	2,950	2,497	1,488	2,174	2,020	1,973	2,554	4,448
Native white—Foreign or mixed parentage.....	11,287	738	2,618	1,351	957	1,210	1,037	937	1,421	1,210
Foreign-born white.....	8,880	709	2,037	1,190	597	589	727	323	1,059	910
Negro.....	909	32	160	30	26	345	33	53	44	185
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	5,046	408	1,283	909	405	389	383	322	713	539
Having first papers.....	277	18	27	94	10	9	20	20	33	40
Allen.....	1,194	109	174	235	33	38	98	308	122	77
Unknown.....	2,163	179	553	261	149	153	226	107	221	254
ILLITERACY										
Total number 10 years old and over.....	113,689	8,358	20,554	12,715	8,609	11,781	10,998	9,189	13,576	17,909
Number illiterate.....	2,148	148	274	190	143	330	107	321	227	468
Native white 10 years old and over.....	94,983	6,971	16,319	10,507	7,261	9,096	9,487	7,620	11,370	15,746
Number illiterate.....	699	44	98	38	29	106	43	29	79	233
Foreign-born white 10 years old and over.....	16,501	1,309	3,884	2,139	1,286	1,206	1,400	1,446	2,105	1,720
Number illiterate.....	1,182	98	136	150	113	89	55	284	139	118
Negro 10 years old and over.....	2,174	75	342	68	52	878	105	117	101	441
Number illiterate.....	265	6	38	2	1	135	9	8	9	67
Illiterate males of voting age.....	654	52	111	61	57	148	43	193	94	166
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	37,010	2,885	6,452	4,486	2,538	3,545	3,527	2,964	4,524	6,089
Number attending school.....	24,006	2,055	3,953	3,035	1,893	2,220	2,380	2,010	2,596	3,864
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	20,822	1,700	3,578	2,619	1,383	1,951	2,046	1,652	2,440	3,444
Number attending school.....	10,156	1,016	2,240	1,778	1,279	1,778	1,871	1,565	2,204	3,176
Native white—Native parentage, number.....	14,623	1,149	2,237	1,411	1,012	1,507	1,448	1,179	1,640	2,674
Number attending school.....	13,467	1,091	2,033	1,637	933	1,370	1,336	1,117	1,491	2,459
Native white—Foreign or mixed parentage, number.....	5,483	520	1,218	787	345	299	548	302	737	647
Number attending school.....	5,049	496	1,108	730	322	275	496	376	645	601
Foreign-born white, number.....	850	17	74	47	20	6	25	58	65	38
Number attending school.....	308	15	67	43	20	6	19	50	53	35
Negro, number.....	366	14	49	8	6	139	25	23	17	85
Number attending school.....	332	14	41	8	4	127	20	22	15	81
DWELLINGS AND FAMILIES										
Dwellings, number.....	31,387	2,445	5,749	2,938	2,389	3,389	3,208	2,354	3,778	5,137
Families, number.....	33,334	2,562	5,994	3,217	2,533	3,648	3,385	2,582	4,083	5,420

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

STATISTICS OF POPULATION.

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

SUBJECT.	TOTAL PLACES NAMED.	Albia.	Algona.	Ames.	Anamosa. ¹	Atlantic.	Belle Plaine.	Carroll.	Cedar Falls.	Center-ville.	Charl- ton.	Charles City.	Chero- kee.
SEX, COLOR, AND NATIVITY													
Total population, 1910.....	212,856	4,969	2,908	4,223	2,983	4,560	3,121	3,546	5,012	6,936	3,794	5,892	4,884
1900.....	195,604	2,889	2,911	2,422	2,891	5,046	3,283	2,832	5,319	5,256	3,989	4,227	3,865
Male.....	104,616	2,561	1,431	2,079	1,664	2,158	1,550	1,676	2,288	3,464	1,823	2,991	2,478
Female.....	108,240	2,408	1,477	2,144	1,319	2,402	1,571	1,870	2,724	3,472	1,966	2,901	2,406
Native white—Native parentage.....	143,039	3,680	1,763	3,170	2,063	2,922	2,036	1,719	2,883	4,920	2,933	3,309	2,879
Native white—Foreign or mixed parentage.....	46,089	752	813	734	616	1,082	729	1,231	1,367	1,034	502	1,755	1,247
Foreign-born white.....	21,352	406	329	314	230	535	350	538	753	697	295	821	754
Negro.....	2,342	131	3	5	74	21	6	28	1	285	59	6	4
Indian, Chinese, and Japanese.....	34								8			1	
MALES OF VOTING AGE													
Total number.....	66,256	1,530	892	1,362	1,157	1,395	951	1,057	1,477	2,097	1,180	1,979	1,721
Native white—Native parentage.....	40,690	1,062	512	988	718	807	548	390	757	1,410	827	947	870
Native white—Foreign or mixed parentage.....	13,461	202	214	204	284	309	213	337	362	219	144	574	424
Foreign-born white.....	11,171	212	165	167	106	269	188	319	356	379	191	455	425
Naturalized.....	6,902	143	100	64	36	208	111	204	261	180	121	289	183
Negro.....	911	54	1	3	49	10	2	11		89	18	3	2
ILLITERACY													
Total number 10 years old and over.....	177,008	4,004	2,434	3,626	2,563	3,807	2,507	2,902	4,371	5,525	3,112	4,955	4,082
Number illiterate.....	3,672	59	48	10	12	58	87	15	7	163	153	130	125
Native white 10 years old and over.....	153,996	3,506	2,108	3,312	2,262	3,258	2,154	2,309	3,617	4,642	2,770	4,128	3,328
Number illiterate.....	1,806	29	11	7	4	18	14	5	2	68	59	27	42
Foreign-born white 10 years old and over.....	21,002	303	323	310	227	530	348	566	750	666	294	820	750
Number illiterate.....	1,605	22	37	3	7	40	72	7	5	45	86	103	83
Negro 10 years old and over.....	1,981	105	3	4	74	19	5	27	1	217	48	6	4
Number illiterate.....	258	8		1		1	3			50	8		
Illiterate males of voting age.....	1,587	33	18	6	3	29	42	4	1	89	85	57	74
SCHOOL AGE AND ATTENDANCE													
Total number 6 to 20 years, inclusive.....	57,353	1,443	851	1,133	701	1,151	856	1,025	1,316	1,999	951	1,463	1,133
Number attending school.....	40,288	1,062	637	900	357	771	601	684	925	1,349	686	851	858
PERSONS 6 TO 14 YEARS, INCLUSIVE.													
Native white, number.....	31,922	785	480	584	347	640	511	604	671	1,103	563	757	678
Number attending school.....	29,038	753	454	542	271	570	459	527	539	993	525	711	653
Foreign-born white, number.....	423	16	5		6	6	3	3	7	34	3	3	8
Number attending school.....	342	14	5		2	5	3	2	6	31	3	1	8
Negro, number.....	344	22				1				53	10	1	
Number attending school.....	304	20				1		4		48	9	1	
DWELLINGS AND FAMILIES													
Dwellings, number.....	51,858	1,197	685	994	629	1,172	803	802	1,309	1,647	992	1,369	932
Families, number.....	53,581	1,245	697	1,019	670	1,202	812	814	1,343	1,709	1,054	1,450	971

SUBJECT.	Clair- rinda.	Colfax.	Cresco.	Creston.	De- corah. ¹	Dent- son.	Eagle- grove.	Esther- ville.	Fair- field.	Fort Madison.	Glen- wood.	Grinn- ell.	Hamp- ton.
SEX, COLOR, AND NATIVITY													
Total population, 1910.....	3,832	2,524	2,658	6,924	3,592	3,133	3,387	3,404	4,970	8,890	4,052	5,036	2,617
1900.....	3,276	2,053	2,806	7,752	3,246	2,771	3,557	3,237	4,689	9,278	3,040	3,860	2,727
Male.....	1,866	1,275	1,249	3,371	1,599	1,488	1,714	1,700	2,396	4,619	2,013	2,475	1,256
Female.....	1,966	1,249	1,409	3,553	1,993	1,645	1,673	1,704	2,574	4,281	2,039	2,561	1,361
Native white—Native parentage.....	3,254	1,520	1,418	4,830	1,359	1,308	1,759	1,976	3,999	5,417	3,274	3,958	1,607
Native white—Foreign or mixed parentage.....	329	560	881	1,420	1,539	1,162	1,105	962	670	2,608	541	666	711
Foreign-born white.....	74	327	347	630	694	672	520	448	231	680	190	373	287
Negro.....	175	117	12	44		1		18	69	290	47	38	10
Indian, Chinese, and Japanese.....							3		1	5		1	2
MALES OF VOTING AGE													
Total number.....	1,151	752	761	2,054	997	865	999	1,016	1,541	3,045	1,130	1,619	786
Native white—Native parentage.....	930	421	331	1,332	260	284	486	497	1,183	1,633	881	1,229	433
Native white—Foreign or mixed parentage.....	123	127	267	392	399	263	248	276	222	877	135	194	213
Foreign-born white.....	42	159	168	313	338	318	263	236	112	384	100	173	129
Naturalized.....	26	107	151	205	205	245	168	110	62	231	45	116	93
Negro.....	56	45	5	17				7	23	146	14	22	4
ILLITERACY													
Total number 10 years old and over.....	3,118	1,994	2,186	5,690	3,007	2,588	2,687	2,732	4,110	7,400	3,463	4,264	2,147
Number illiterate.....	42	56	34	65	154	132	48	50	68	60	933	38	3
Native white 10 years old and over.....	2,900	1,575	1,832	5,024	2,315	1,923	2,171	2,275	3,835	6,467	3,233	3,867	1,849
Number illiterate.....	17	17	12	28	24	6	3	22	28	29	890	24	2
Foreign-born white 10 years old and over.....	74	316	345	627	692	604	513	442	322	677	188	361	286
Number illiterate.....	4	28	22	28	130	126	43	27	35	17	25	11	
Negro 10 years old and over.....	144	103	9	39		1		15	52	251	42	35	10
Number illiterate.....	21	11		9				1	5	14	18	3	1
Illiterate males of voting age.....	18	20	14	25	48	43	19	22	28	26	267	22	1
SCHOOL AGE AND ATTENDANCE													
Total number 6 to 20 years, inclusive.....	1,057	720	749	1,881	999	970	1,045	991	1,233	2,305	1,461	1,337	695
Number attending school.....	791	477	539	1,311	744	737	776	666	910	1,494	621	1,053	532
PERSONS 6 TO 14 YEARS, INCLUSIVE.													
Native white, number.....	612	393	471	1,111	601	533	594	577	677	1,285	730	741	401
Number attending school.....	586	345	447	1,039	564	515	564	500	646	1,169	454	713	382
Foreign-born white, number.....		16	4	6	2	13	18	13	9	3	6	14	4
Number attending school.....		12	4	5	2	13	16	10	3	3	1	14	4
Negro, number.....	29	25						3	12	43	10	2	1
Number attending school.....	24	20						3	12	39	6	2	1
DWELLINGS AND FAMILIES													
Dwellings, number.....	949	573	703	1,755	912	741	804	797	1,280	2,075	636	1,206	659
Families, number.....	960	588	710	1,790	940	751	814	808	1,308	2,151	641	1,281	676

¹ For changes in boundaries, see page 629.

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

SUBJECT.	Harlan.	Independence.	Indianola.	Iowa Falls.	Knoxville.	Le Mars.	Manchester.	Maquoketa.	Marion.	Missouri Valley.	Mount Pleasant.	Mystic.	Newton.
SEX, COLOR, AND NATIVITY													
Total population, 1910.....	2,570	3,517	3,283	2,797	3,190	4,157	2,758	3,570	4,400	3,187	3,874	2,663	4,616
1900.....	2,422	3,050	3,261	2,840	3,131	4,146	2,887	3,777	4,102	4,010	4,109	1,758	3,682
Male.....	1,237	1,612	1,453	1,355	1,566	1,999	1,293	1,649	2,239	1,647	1,803	1,405	2,267
Female.....	1,333	1,905	1,830	1,442	1,624	2,158	1,465	1,921	2,161	1,540	2,071	1,258	2,349
Native white—Native parentage.....	1,627	2,365	2,852	1,881	2,791	1,984	2,552	3,278	2,151	2,916	1,897	3,623	4,616
Native white—Foreign or mixed parentage.....	572	812	309	656	296	1,720	574	730	784	730	532	702	680
Foreign-born white.....	371	327	96	253	76	354	199	288	307	295	209	522	288
Negro.....		13	25	7	27	4	1		29	11	217	42	45
Indian, Chinese, and Japanese.....			1						2				
MALES OF VOTING AGE													
Total number.....	782	1,050	912	854	1,031	1,254	824	1,074	1,523	961	1,200	817	1,496
Native white—Native parentage.....	446	634	751	528	859	381	555	702	1,088	613	825	351	1,089
Native white—Foreign or mixed parentage.....	133	257	101	195	115	426	172	236	259	177	182	169	242
Foreign-born white.....	203	150	53	130	50	440	97	136	179	158	127	283	147
Naturalized.....	167	124	40	61	31	384	74	106	101	120	72	99	74
Negro.....		3	6	1	7	1			16	8	60	14	18
ILLITERACY													
Total number 10 years old and over.....	2,108	3,003	2,805	2,360	2,699	3,581	2,320	3,011	3,737	2,545	3,333	1,987	3,862
Number illiterate.....	24	43	13	27	30	34	23	27	32	38	38	95	27
Native white 10 years old and over.....	1,738	2,665	2,683	2,100	2,601	2,729	2,124	2,725	3,407	2,242	2,936	1,471	3,560
Number illiterate.....	17	12	10	13	24	11	12	18	7	25	8	20	11
Foreign-born white 10 years old and over.....	370	326	90	253	76	840	105	286	303	292	209	483	283
Number illiterate.....	7	30	1	13	5	23	11	9	16	13	2	61	14
Negro 10 years old and over.....		12	25	7	22	3	1		25	11	188	33	40
Number illiterate.....		1	2	1	1				8		28	5	2
Illiterate males of voting age.....	8	18	7	17	14	15	9	11	20	19	18	57	15
SCHOOL AGE AND ATTENDANCE													
Total number 6 to 20 years, inclusive.....	691	888	917	749	815	1,227	715	872	1,065	908	953	773	1,154
Number attending school.....	568	644	801	568	622	757	552	613	799	660	716	532	788
PERSONS 6 TO 14 YEARS, INCLUSIVE.													
Native white, number.....	411	498	477	406	473	633	427	504	596	510	512	443	628
Number attending school.....	402	465	469	388	407	498	407	465	507	494	499	408	555
Foreign-born white, number.....	1	2		3		4	2		4	3	1	35	10
Number attending school.....	1	2		2		1	1		3	3	1	28	5
Negro, number.....		4	6		4	1			2		30	9	6
Number attending school.....		4	6		4	1			2		28	9	3
DWELLINGS AND FAMILIES													
Dwellings, number.....	654	941	879	724	842	1,005	776	909	1,057	786	1,046	611	1,170
Families, number.....	672	968	895	765	863	1,035	810	1,007	1,060	811	1,085	635	1,204

SUBJECT.	Oelwein.	Oskaloosa.	Pella.	Perry.	Rfd Oak.	Sheldon.	Shenandoah.	Spencer.	Valley Junction.	Vinton.	Washington.	Waverly.	Webster City.	Winter- set.
SEX, COLOR, AND NATIVITY														
Total population, 1910.....	6,028	9,466	3,021	4,630	4,830	2,941	4,976	3,005	2,573	3,336	4,380	3,205	5,208	2,818
1900.....	5,142	9,212	2,623	3,986	4,355	2,282	3,573	3,005	1,700	3,490	4,255	3,177	4,613	3,039
Male.....	3,303	4,580	1,447	2,380	2,336	1,463	2,480	1,433	1,324	1,575	2,045	1,571	2,615	1,354
Female.....	2,725	4,886	1,574	2,250	2,494	1,488	2,496	1,572	1,249	1,761	2,335	1,634	2,593	1,464
Native white—Native parentage.....	3,589	7,093	931	3,483	3,295	1,692	4,062	1,923	1,873	2,702	3,459	1,798	3,781	2,501
Native white—Foreign or mixed parentage.....	1,501	1,520	1,251	801	935	957	635	707	524	467	587	999	960	252
Foreign-born white.....	929	594	837	309	502	390	263	875	175	166	253	404	443	62
Negro.....	9	254	2	37	38		16			1	81	4	32	3
Indian, Chinese, and Japanese.....		5				2			1				2	
MALES OF VOTING AGE														
Total number.....	2,094	2,865	931	1,564	1,476	836	1,515	903	834	1,026	1,376	953	1,731	861
Native white—Native parentage.....	1,113	2,049	106	1,096	946	397	1,153	531	573	780	1,021	432	1,159	725
Native white—Foreign or mixed parentage.....	412	426	367	250	251	240	210	199	167	161	199	201	300	99
Foreign-born white.....	565	300	398	184	261	188	147	172	93	89	126	229	252	35
Naturalized.....	202	176	309	70	107	147	103	136	54	63	72	114	105	8
Negro.....	4	87		25	18		6				30	1	18	2
ILLITERACY														
Total number 10 years old and over.....	4,876	7,915	2,554	3,886	4,061	2,361	4,097	2,528	2,036	2,805	3,762	2,715	4,325	2,372
Number illiterate.....	239	138	38	25	51	16	46	11	5	18	23	23	24	14
Native white 10 years old and over.....	3,977	7,113	1,745	3,546	3,475	1,900	3,925	2,158	1,863	2,729	3,461	2,310	3,856	2,307
Number illiterate.....	21	84	16	7	9	1	13	3	5	16	15	3	16	12
Foreign-born white 10 years old and over.....	890	587	807	306	551	369	259	370	172	106	237	401	441	62
Number illiterate.....	215	23	22	6	35	16	33	8		2	5	20	8	2
Negro 10 years old and over.....	9	210	2	34	35		13				4	4	26	3
Number illiterate.....	3	31		12	7						3			
Illiterate males of voting age.....	172	63	14	16	32	5	17	1		9	8	16	5	7
SCHOOL AGE AND ATTENDANCE														
Total number 6 to 20 years, inclusive.....	1,611	2,559	781	1,213	1,250	931	1,380	836	644	880	1,072	905	1,353	748
Number attending school.....	991	1,893	504	842	821	687	865	628	417	657	783	592	970	548
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	902	1,426	410	705	659	511	764	485	355	480	580	493	761	418
Number attending school.....	702	1,353	373	620	609	496	614	448	332	442	550	394	680	380
Foreign-born white, number.....	38	11	26	4	21	21	1	11	1		12	7	2	
Number attending school.....	31	11	20	3	20	18	1	11	1		6	3	2	
Negro, number.....		34	1		3		4				13		3	
Number attending school.....		30	1		2		4				11		3	
DWELLINGS AND FAMILIES														
Dwellings, number.....	1,265	3,324	754	1,150	1,254	598	1,208	733	603	911	1,195	791	1,477	784
Families, number.....	1,354	2,479	794	1,202	1,282	629	1,256	761	635	930	1,243	803	1,408	794

STATISTICS OF POPULATION.

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

SUBJECT.	THE CITY.	WARD.						
		1	2	3	4	5	6	7
SEX, COLOR, AND NATIVITY								
Total population, 1910.....	86,368	17,135	12,009	13,263	12,026	9,677	13,728	8,530
Male.....	43,135	8,059	5,837	6,534	6,389	5,033	6,895	4,388
Female.....	43,233	9,076	6,172	6,729	5,637	4,644	6,833	4,142
Native white—Native parentage.....	53,785	12,538	7,960	8,620	6,657	4,420	7,793	5,788
Native white—Foreign or mixed parentage.....	19,234	3,134	2,468	2,674	3,013	2,736	3,540	1,669
Foreign-born white.....	10,395	1,290	1,048	1,215	1,919	2,119	1,952	852
Negro.....	2,930	171	529	736	437	393	443	221
Indian, Chinese, and Japanese.....	24	2	4	18	.....	.....	.....	.....
FOREIGN-BORN WHITE: Born in—								
Austria.....	267	48	24	36	65	42	37	15
Canada.....	595	122	133	119	97	32	68	24
Denmark.....	353	68	27	23	19	141	60	15
England.....	1,127	176	178	160	189	69	199	159
Germany.....	1,431	198	184	165	264	192	299	129
Greece.....	124	.....	48	22	4	.....	3	37
Holland.....	70	22	13	10	8	5	8	4
Ireland.....	804	104	127	135	172	76	139	49
Italy.....	932	57	81	107	585	40	18	44
Norway.....	407	100	38	30	41	62	116	20
Russia.....	1,408	12	85	163	273	503	292	33
Scotland.....	317	74	30	50	39	40	41	43
Sweden.....	2,001	230	72	113	80	790	551	165
Switzerland.....	70	8	13	7	10	4	20	8
Wales.....	184	29	11	29	18	11	40	46
Other foreign countries.....	305	40	22	20	37	111	61	14
MALES OF VOTING AGE								
Total number.....	27,359	5,114	3,867	4,437	4,108	3,162	4,037	2,584
Native white—Native parentage.....	15,976	3,520	2,401	2,810	2,129	1,300	2,179	1,637
Native white—Foreign or mixed parentage.....	5,088	926	784	790	739	629	770	390
Foreign-born white.....	5,231	607	497	603	993	1,073	962	491
Naturalized.....	2,307	323	282	264	447	526	655	305
Negro.....	1,043	59	184	266	152	160	126	66
ILLITERACY AND SCHOOL ATTENDANCE								
Total number 10 years old and over.....	71,134	14,216	10,201	11,501	9,843	7,840	10,993	6,540
Number illiterate.....	1,395	79	123	184	375	293	213	128
Illiterate males of voting age.....	598	37	51	80	194	107	76	53
Total number 6 to 20 years, inclusive.....	22,300	4,245	2,868	3,049	3,195	2,611	3,970	2,362
Number attending school.....	14,633	3,184	1,947	2,036	1,819	1,677	2,423	1,547
DWELLINGS AND FAMILIES								
Dwellings, number.....	18,694	3,972	2,543	2,697	2,336	2,055	3,063	2,023
Families, number.....	20,599	4,181	2,943	3,195	2,592	2,368	3,235	2,095

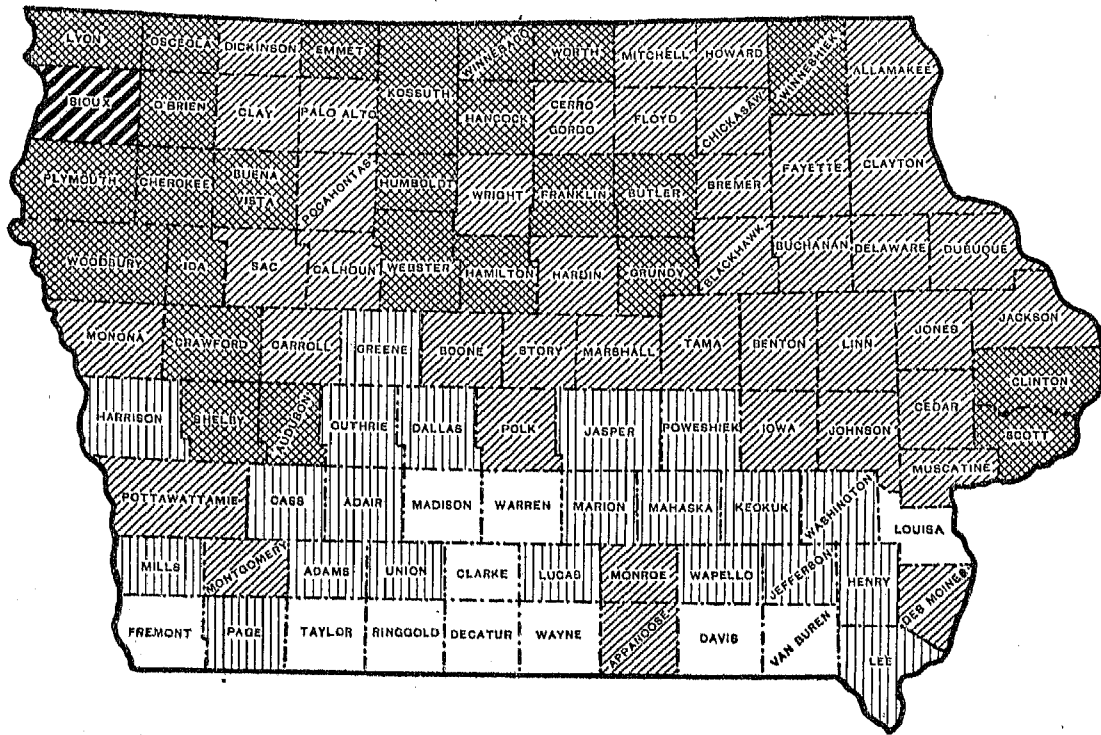
NOTES REGARDING CHANGES IN BOUNDARIES OF CITIES.

ANAMOSA.—Part of Fairview township (Strawberry Hill town) annexed in 1901.
 BOONE.—Part of Des Moines township annexed in 1901.
 DAVENPORT.—Part of Davenport township annexed in 1909.
 DECORAH.—Part of Decorah township (West Decorah town) annexed in 1902.
 FORT DODGE.—Parts of Cooper township annexed in 1907 and 1908.

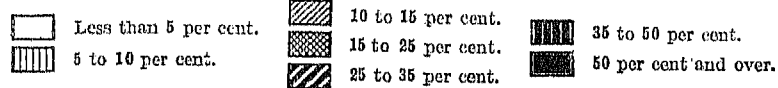
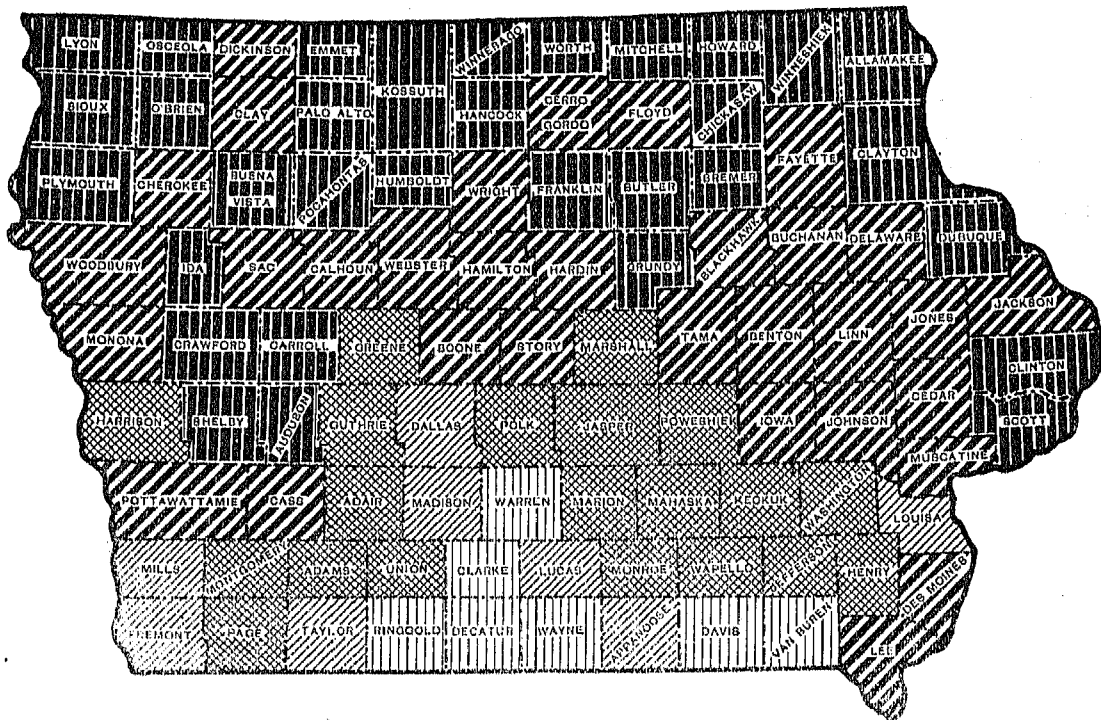
MARSHALLTOWN.—Parts of Linn township annexed in 1901, 1902, and 1903.
 OTTUMWA.—Part of Center township annexed in 1903.
 SIOUX CITY.—Made independent and Sioux City township and part of Woodbury township annexed between 1890 and 1900.
 WATERLOO.—Part of East Waterloo township annexed in 1904.

PROPORTION OF FOREIGN-BORN WHITE AND NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE OF IOWA, 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 Iowa collected at the census of 1910. Statistics of farms and farm property relate to April 15, 1910; those of farm products, expenses, and receipts are for the calendar year 1909.

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

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

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

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

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

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

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

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

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

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

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

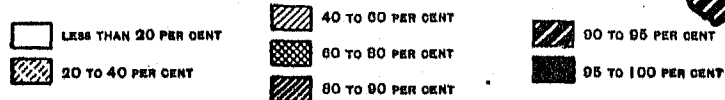
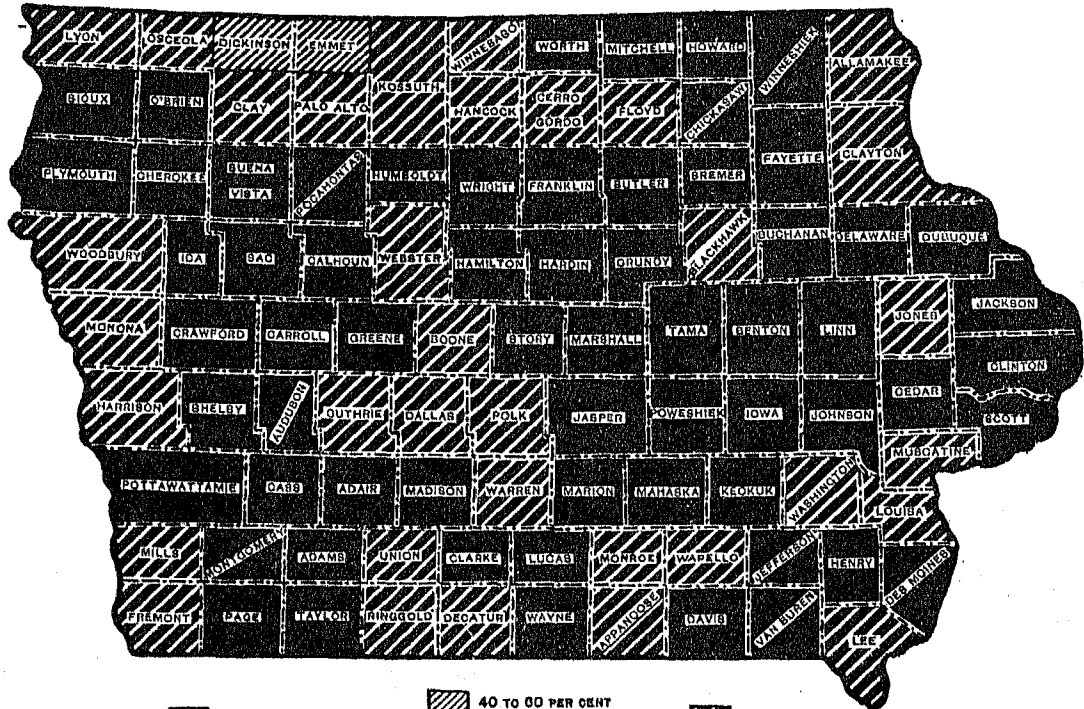
(2) The fact that farmers may buy domestic animals during the census year which are subsequently sold or slaughtered during the same year and that it is impossible to eliminate the duplication accurately, and the further fact that the value of domestic animals sold or slaughtered, or of forest products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

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

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

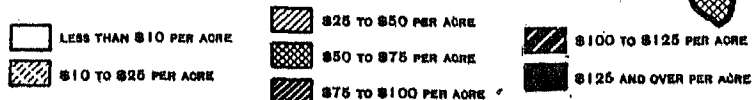
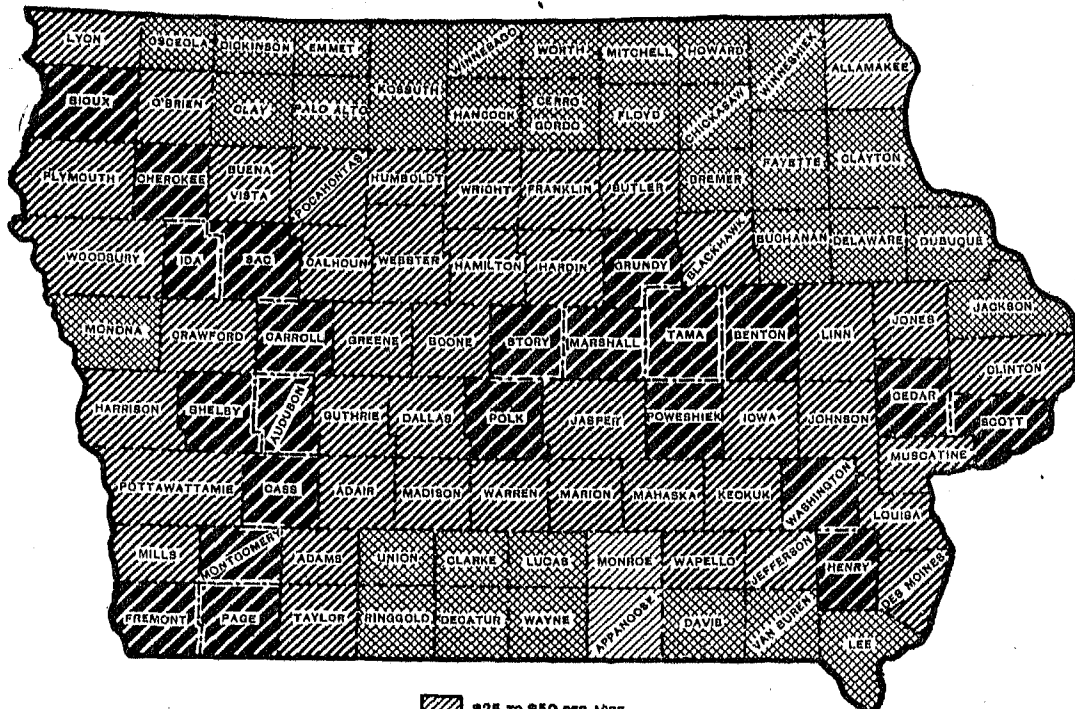
PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 95.4.]



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$32.58.]



FARMS AND FARM PROPERTY.

Iowa ranks twenty-third in land area and fifteenth in population among the states and territories of continental United States. It has passed out of the class of states that are adding to their total farm area. In fact, it has a little less land in farms than it had in 1900.

The entire state of Iowa lies within the northern portion of the low plateau which constitutes the upper part of the Mississippi River drainage basin. The altitude of the southeastern two-fifths of the state ranges from 800 to 1,000 feet, while the altitude of the western and northern parts varies from 1,000 feet to about 1,500 feet in the northwestern portion. With the exception of a small section in the extreme northeastern part of the state, where the Mississippi River is bordered by rugged bluffs, the surface of the state is undulating to rolling and in a few sections hilly. All of the state, with the exception of the section in the northeastern part just referred to, has been subject to repeated glacial invasions. As a result the underlying rocky floor is usually covered to a depth ranging from 15 or 20 feet to extreme depths of over 200 feet, by mechanically ground and thoroughly mixed glacial débris commonly known as the till.

The chief drainage of the state is eastward to the Mississippi River. The portions of the state adjacent to both the Mississippi and Missouri Rivers are thoroughly drained. The north central portion is much more in need of artificial drainage, and there are also considerable areas within the southern portion of the state in which the natural drainage, particularly of the subsoil, is inadequate.

Five different soil areas are distinguished, consisting of the glaciated plateau covering the north central two-fifths of the state; the deep loess soils bordering the Missouri and Mississippi Rivers and also extending from the east in a narrow belt nearly to the center of the state, together covering nearly one-third of the state; the shallow loess soil of the south central section, covering about one-fifth of the state; the small unglaciated section in the northeast corner; and narrow lines of alluvial soil along the Mississippi and Missouri Rivers.

The soils are mainly dark brown to almost black clay loams, silt loams, and loams, with a small amount of sandy loams in scattered areas. With few exceptions these soils are deep, fertile, and well supplied with organic matter. Both with respect to topography and soils Iowa is peculiarly favored for agricultural exploitation. All of the staple crops of northern climates may be grown within the state.

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. Of the total land area of the state over nineteen-twentieths is in farms, and as shown by the first map only two counties have less than nine-tenths of their land surface in farms, while in a majority of the counties the proportion is nineteen-twentieths or higher.

The average value per acre of farm land for the whole state is \$82.58. In 22 counties, comprising a group in the east central part of the state, a belt running north and south near the western border, and four counties in the southeastern part of the state, the value ranges between \$100 and \$125 per acre. The value is between \$75 and \$100 per acre in a majority of the remaining counties, including practically all of those in the central and western parts of the state with the exception of those just mentioned in which the value is between \$100 and \$125, and a number of counties in the southeastern part of the state. In most of the counties in the two northern tiers, about half of the counties in the two southern tiers, and most of the counties in the northeastern corner of the state the value is between \$50 and \$75 per acre. In only three counties does the average value of farm land fall below \$50 per acre.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there was a decrease in population of 7,082, or 0.3 per cent, and a decrease in the number of farms of 11,578, or 5.1 per cent, together with a decrease of 643,649 acres, or 1.9 per cent, in farm land. As a result of the greater relative decrease in the number of farms than in the total acreage of farm land, the average size of the farms increased over 5 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 nearly \$2,000,000,000, or more than 100 per cent. This great increase is made up chiefly of increases of over \$1,500,000,000 in the value of land and of nearly \$215,000,000 in the value of buildings. There was also an increase of over \$150,000,000 in the value of farm equipment, including implements and machinery and live stock, more than three-fourths of which represents the gain in the value of live stock. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

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

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Percent.
Population.....	2,224,771	2,231,853	-7,082	-0.3
Number of all farms.....	217,044	228,622	-11,578	-5.1
Approximate land area of the state..... acres..	35,575,040	35,575,040		
Land in farms..... acres..	33,930,688	34,574,337	-643,649	-1.9
Improved land in farms..... acres..	29,491,199	29,897,552	-406,353	-1.4
Average acres per farm.....	156.3	151.2	5.1	3.4
Value of farm property:				
Total.....	\$3,745,860,544	\$1,834,345,546	\$1,911,514,998	104.2
Land.....	2,801,973,729	1,256,751,980	1,545,221,749	123.0
Buildings.....	455,405,671	240,802,810	214,602,861	89.1
Implements and machinery.....	95,477,948	57,960,660	37,517,288	64.7
Domestic animals, poultry, and bees.....	393,003,196	278,830,096	114,173,100	40.9
Average value of all property per farm.....	\$17,259	\$8,023	\$9,236	115.1
Average value of land per acre.....	\$82.58	\$36.35	\$46.23	127.2

¹ A minus sign (-) denotes decrease.

The average value of a farm with its equipment in 1900 was slightly more than \$8,000, while 10 years later it was over \$17,000. The average value of land alone rose from \$36.35 per acre in 1900 to \$82.58 in 1910, this advance being accompanied by increases in the average value per farm of buildings, of implements and machinery, and of live stock.

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 in- crease. ¹	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910....	2,224,771	217,044	-5.1	33,930,688	-1.9	29,491,199	95.4	86.0
1900....	2,231,853	228,622	13.2	34,574,337	13.4	29,897,552	87.2	81.5
1890....	1,912,297	201,003	8.9	30,491,541	23.2	25,428,899	85.7	83.4
1880....	1,624,015	185,351	59.4	24,762,700	59.3	19,896,541	80.6	80.3
1870....	1,194,020	110,292	90.1	15,541,793	54.3	9,396,457	43.7	69.5
1860....	674,913	61,163	313.1	10,069,907	268.0	3,792,792	28.3	37.7
1850....	192,214	14,805	.....	2,730,004	.....	824,082	7.7	30.1

¹ A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has increased by 2,032,557, or more than tenfold, although, as already pointed out, there has been a slight decrease during the last decade.

There are 217,044 farms in Iowa, or almost fifteen times as many as in 1850. The increase was very rapid from 1850 to 1880, averaging 5,685 per year. During the next 20 years the average yearly increase was 2,164, but during the decade just past the number of farms has been decreasing at the rate of 1,158 per year. This decrease was general throughout the state, only 12 counties in different parts of the state showing even slight increases.

The land area of Iowa is approximately 35,575,040 acres. Of this area 33,930,688 acres, or 95.4 per cent, are included in farms. Of the farm acreage 29,491,199 acres, or 86.9 per cent, are reported as improved land, representing 82.9 per cent of the total land area of the state. The total acreage of farm land decreased 1.9 per cent during the last decade, while that of improved land decreased only 1.4 per cent. As the reported acreage of improved land showed a smaller relative decrease from 1900 to 1910 than did the total acreage in farms, the percentage of farm land improved was slightly higher in 1910 than in 1900.

The preceding table also shows a very rapid increase from 1850 to 1880 in the total farm acreage and in the acreage of improved land. The proportion of the total land area of the state which was occupied by farms rose during this period from 7.7 to 69.6 per cent, while the proportion which improved land formed of the total land in farms increased from 30.1 to 80.3 per cent. From 1880 to 1900 the increase in the total acreage of farm land and in the acreage of improved land was much slower, while during the last decade both have decreased. The proportion of the total area of the state in farms reached its maximum in 1900, when it was 97.2 per cent. The increase in the proportion of farm land improved has continued up to the census of 1910, although there was only a slight gain during the last decade.

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

The total wealth of the state in the form of farm property is about \$3,746,000,000, of which 87 per cent is represented by land and buildings, 2.5 per cent by implements and machinery, and 10.5 per cent by live stock. The relative gain (104.2 per cent) in the total value of farm property from 1900 to 1910 was greater than that during any other decade since 1870, while the absolute gain (\$1,911,515,000) was over two and a

half times as great as the largest increase reported for any other decade. Of the total increase during the last decade \$1,759,825,000 represents the increase in the value of land and buildings, \$37,517,000 the increase in the value of implements and machinery, and \$114,173,000 the increase in the value of live stock.

includes implements and machinery and live stock, is now nearly seven times as great as 60 years ago.

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

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	\$3,745,800,544	104.2	\$3,257,379,400	117.5	\$95,477,948	64.7	\$393,003,196	40.9
1900	1,834,345,540	66.7	1,497,554,790	74.6	57,960,660	58.1	278,330,096	35.1
1890	1,100,682,579	52.6	857,581,022	51.1	26,665,315	24.8	206,436,242	65.5
1880	721,517,214	81.8	567,430,227	80.6	29,371,884	79.0	124,715,103	87.9
1870 ¹	396,927,325	168.7	314,129,953	182.0	16,407,666	208.0	66,389,706	196.4
1860	147,702,873	586.4	119,899,547	619.8	5,327,033	354.2	22,476,293	509.2
1850	21,519,711	.....	16,657,567	.....	1,172,869	.....	3,689,275	.....

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

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 Iowa 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	156.3	\$17,259	\$15,008	\$440	\$1,811	\$96.00
1900	151.2	9,023	6,550	253	1,220	43.31
1890	151.0	5,452	4,247	182	1,022	28.13
1880	133.5	3,803	3,061	158	673	22.92
1870 ²	123.6	3,413	2,701	141	571	20.21
1860	104.6	2,415	1,960	87	367	11.91
1850	184.8	1,454	1,125	79	249	6.09

¹ Averages are based on "all farms" in state.

² Computed gold values, being 80 per cent of the currency values reported.

The average size of the Iowa farm decreased a little more than 2.5 acres per year from 1850 to 1870. During the decade from 1870 to 1880 it remained practically stationary and since 1880 it has increased about 23 acres, or over three-fourths of an acre per year. The average farm is now larger than at any census since 1860.

The average value of an Iowa farm, including its equipment, has more than doubled during the last decade, increasing from \$8,023 in 1900 to \$17,259 in 1910. Of the value in 1910, \$15,008 represents land and buildings, \$1,811 live stock, and \$440 implements and machinery. Farm values in Iowa have, in fact, increased steadily and rapidly since the first census of agriculture was taken in 1850. At that time the average value of the farm with equipment was only \$1,454, or hardly one-twelfth of what it was in 1910. In no other decade, however, has the increase been as great as it was between 1900 and 1910. The value per farm of farm equipment, which

TENURE.	1910	1900	1890	1880
Number of all farms.....	217,044	228,622	201,903	185,351
Farms operated by owners and managers.....	134,929	148,886	145,183	141,177
Farms consisting of owned land only.....	106,464	118,317	(¹)	(¹)
Farms consisting of owned and hired land.....	26,539	28,988	(¹)	(¹)
Farms operated by managers.....	1,926	1,581	(¹)	(¹)
Farms operated by tenants.....	82,115	79,736	56,720	44,174
Share tenants.....	23,935	35,234	31,780	35,753
Share-cash tenants ²	14,129	.....	.....	.....
Cash tenants.....	43,294	.....	.....	.....
Tenure not specified ³	3,657	44,592	24,940	8,421
Per cent of farms operated by—				
Owners and managers.....	62.2	65.1	71.9	76.2
Tenants.....	37.8	34.9	28.1	23.8
Share and share-cash.....	16.2	15.4	15.7	19.3
Cash and nonspecified.....	21.7	19.5	12.4	4.5

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 the total number of farms decreased 11,578 during the last decade, the number operated by owners and managers decreased 13,957, the number operated by tenants having increased 2,379.

In 1880 approximately one farm out of every four was operated by a tenant, since which time the proportion has increased until it is now slightly more than three out of eight.

The number of share (including share-cash) tenants is about the same as in 1880, although during the interval the number has fluctuated somewhat and has decreased slightly since 1900. On the other hand, the number of cash (including nonspecified) tenants has increased rapidly and in 1900 and 1910 exceeded the number of share tenants. In 1880 share tenants were over four times as numerous as cash tenants, but in 1910 the latter (including those with unspecified tenure) were one and one-third times more numerous than the former.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	33,930,688	34,574,337	29,491,199	29,897,852	\$3,257,379,400	\$1,497,554,790
Owners.....	20,214,337	22,451,768	17,432,235	19,187,845	1,842,594,349	979,949,370
Managers.....	490,805	498,982	383,977	384,059	44,993,925	22,441,620
Tenants.....	13,225,546	11,623,587	11,674,987	10,325,948	1,259,791,126	495,163,740

The next 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.....	61.3	64.4	59.0	64.9	50.1	64.2	59.0	65.4
Managers.....	0.9	0.7	1.4	1.4	1.3	1.3	1.4	1.5
Tenants.....	37.8	34.0	30.0	33.6	39.6	34.5	30.0	33.1

It will be seen that, in 1910, 59.6 per cent of all land in farms was in farms operated by their owners (including part owners), 1.4 per cent in farms operated by managers, and 39 per cent in farms operated by tenants, the percentage for tenants being higher and that for owners lower than in 1900, while the percentage for managers remained the same.

As shown by the next table, the average size of farms operated by managers in 1910 (254.8 acres) was more than one and one-half times as great as that of farms operated by tenants (161.1 acres), which was in turn somewhat larger than that of farms operated by owners (152 acres). The average size of farms operated by tenants increased between 1900 and 1910, while that of farms operated by managers decreased, and that of farms operated by owners remained practically the same. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for farms operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		PER CENT IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	150.3	151.2	135.9	130.8	86.9	86.5	\$15,008	\$6,550	\$96.00	\$43.31
Owners.....	152.0	152.4	131.1	130.3	80.2	85.5	14,006	6,053	96.10	43.65
Managers.....	254.8	315.0	190.4	242.0	78.2	77.0	23,361	14,195	91.67	44.97
Tenants.....	161.1	145.8	142.2	120.5	88.3	88.8	15,464	6,210	90.01	42.60

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 next 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. ²		OWNED FARM HOMES. ³	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	133,003	.....	146,754	.....	144,698	.....
Free from mortgage.....	63,234	48.2	67,618	47.0	67,587	46.7
Mortgaged.....	68,045	51.8	70,389	53.0	77,111	53.3
Unknown.....	1,724	.....	2,749	.....	

¹ Includes all farms owned in whole or in part by the operator.
² The 1,370 "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 their operators was 133,003. Of this number, 63,234 were reported as free from mortgage; 68,045 were reported as mortgaged; and for 1,724 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 51.8 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is only slightly smaller than it was in 1900 and 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 classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the number mortgaged decreased much more than the number 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 68,045 farms reported as mortgaged, 52,174 are wholly owned by the farmers, and for 50,452 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 amount of mortgage debt were not obtained in 1900.

The average debt of mortgaged farms increased in the 20 years from \$1,319 to \$4,048, or 207 per cent, while the average value of such farms rose from \$3,964 to \$14,574, or 267.7 per cent. Thus the owners' equity increased from \$2,645 to \$10,526, or 298 per

cent. As a result of the greater increase in farm values than in farm debt, the mortgage indebtedness, which was 33.3 per cent of the value of the mortgaged farms in 1890, had decreased to 27.8 per cent of the value in 1910.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	50,452	77,111		
Value—Land and buildings.....	\$735,265,320	\$305,658,669		
Amount of mortgage debt.....	\$204,242,722	\$101,745,924		
Per cent of debt to value.....	27.8	33.3		
Average value per farm.....	\$14,574	\$3,964	\$10,610	207.7
Average debt per farm.....	\$4,048	\$1,319	\$2,729	207.0
Average equity per farm.....	\$10,526	\$2,645	\$7,881	298.0

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.

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.....	217,044	228,622	-11,578	-5.1	100.0	100.0
Under 3 acres.....	392	975	-583	-59.8	0.2	0.4
3 to 9 acres.....	7,295	4,756	2,539	53.4	3.4	2.1
10 to 19 acres.....	6,087	5,917	120	2.0	2.8	2.6
20 to 49 acres.....	15,678	21,475	-5,797	-27.0	7.2	9.4
50 to 99 acres.....	38,712	49,665	-10,953	-22.1	17.8	21.7
100 to 174 acres.....	80,121	79,928	193	0.2	36.9	35.0
175 to 259 acres.....	40,304	38,144	2,160	5.7	18.6	16.7
260 to 499 acres.....	25,861	24,609	1,252	5.1	11.9	10.8
500 to 999 acres.....	2,430	2,818	-388	-13.8	1.1	1.2
1,000 acres and over.....	214	340	-126	-37.1	0.1	0.1

¹ A minus sign (-) denotes decrease.

As shown by the above table, the largest of the groups of farms classified by size is the "100 to 174 acres" group, the 80,121 farms in this group constituting 36.9 per cent, or more than one-third, of the 217,044 farms in the state. The common 160-acre farm falls in this group. The group which is next in numerical importance is the "175 to 259 acres" group, comprising 40,304 farms. Hardly less important is the "50 to 99 acres" group, which includes 38,712 farms. A study of the distribution of farms by size groups discloses the fact that the greatest actual and relative gain in number from 1900 to 1910 was made in the "3 to 9 acres" group. The number of places "under 3 acres" where some agriculture is carried on is reported as only about two-fifths as great as 10 years ago. This 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 farms which fall in the groups between 20 and 99 acres have decreased 16,750 in number, or 23.5 per cent; those between 175 and 499 acres have increased 3,412 in number, or 5.4 per cent; and those which exceed 500 acres in size, representing only 1.2 per cent of all farms, have decreased 514 in number.

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 13,724), and also the farms of between 175 and 499 acres (numbering 66,165):

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.....	33,930,688	34,574,337	29,491,199	29,897,552	\$3,257,379,400	\$1,497,554,790
Under 20.....	117,965	109,927	102,881	94,433	39,306,861	15,712,750
20 to 49.....	537,044	765,266	450,517	636,031	63,692,308	40,288,410
50 to 99.....	2,980,189	3,828,843	2,619,874	3,358,792	295,461,882	169,512,630
100 to 174.....	11,243,738	11,197,376	10,009,429	9,948,872	1,096,625,573	491,754,740
175 to 499.....	17,206,089	16,361,478	14,875,500	14,110,978	1,614,102,750	693,466,760
500 to 999.....	1,513,469	1,764,029	1,203,407	1,371,032	122,994,659	68,618,850
1,000 and over.....	331,584	547,418	229,591	377,414	25,195,467	18,201,650

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

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	6.3	5.1	0.3	0.3	0.3	0.3	1.2	1.0
20 to 49 acres.....	7.2	9.4	1.6	2.2	1.5	2.1	2.0	2.7
50 to 99 acres.....	17.8	21.7	8.8	11.1	8.9	11.2	9.1	11.3
100 to 174 acres.....	36.9	35.0	33.1	32.4	33.9	33.8	33.7	32.8
175 to 499 acres.....	30.5	27.4	50.7	47.3	60.4	47.2	49.6	46.3
500 to 999 acres.....	1.1	1.2	4.5	5.1	4.1	4.6	3.8	4.6
1,000 acres and over.....	0.1	0.1	1.0	1.6	0.8	1.3	0.8	1.2

Of the total farm acreage of the state in 1910, 50.7 per cent was in farms of 175 to 499 acres and 33.1 per cent in farms of 100 to 174 acres, these two size groups comprising about five-sixths of the aggregate acreage. Between 1900 and 1910 the proportion of the total acreage in farms of these two size groups increased, while the proportion in all the other groups decreased, with the exception of the farms of under 20 acres, in which the proportion remained the same.

As shown by the next table, the percentage of farm land improved is highest for farms of 100 to 174 acres, and is considerably lower for farms of 500 to 999 acres and those of 1,000 acres and over than for farms of any other size group.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total.....	86.9	86.5	\$15,008	\$6,550	\$96.00	\$43.31
Under 20 acres.....	87.2	85.9	2,804	1,349	333.21	142.94
20 to 49 acres.....	83.8	83.1	4,063	1,876	118.47	52.65
50 to 99 acres.....	87.9	87.7	7,632	3,413	99.14	44.27
100 to 174 acres.....	89.0	88.9	13,687	6,153	97.53	43.92
175 to 499 acres.....	86.5	86.2	24,395	11,051	93.81	42.38
500 to 999 acres.....	79.5	77.7	50,615	24,350	81.27	38.90
1,000 acres and over.....	69.2	68.9	117,736	53,534	75.99	33.25

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 diminishes with the increase in the size of the farms. It is very much higher for the farms under 20 acres in size than for those of any other group.

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The table in the next column shows the color and nativity of farm operators by character of tenure for 1910.

Over three-fourths of the Iowa farmers were native whites, and nearly one-fourth foreign-born whites. Only 187, or one-tenth of 1 per cent of all farmers, were negroes, 14 Indians being reported. Of the native white farmers, four out of ten were tenants and about six out of ten owners, while among both the negro and the foreign-born white farmers about three out of ten were tenants and seven out of ten owners.

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 value of live stock on farms, including domestic animals, poultry, and bees, in 1910 was \$393,003,000, of which domestic animals contributed \$380,202,000. The value of cattle represented 30.2 per cent of the total value of live stock; that of horses and mules, 47.2 per cent; that of swine, 17.7 per cent; that of sheep and lambs, 1.5 per cent; and that of poultry, 3.1 per cent, the other classes being insignificant.

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

Of the total number of farms enumerated, 213,131, or 98.2 per cent, report domestic animals of some kind, the number without any domestic animals being only 3,913.

Of all the farms in the state, 94.7 per cent report cattle, 93.3 per cent "dairy cows," and only 41 per cent "other cows." Only 3,015 farms have cattle

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Owners.	Tenants.	Managers.
Total.....	217,044	100.0	133,003	82,115	1,926	61.3	37.8	0.9
Native white.....	107,856	77.3	98,615	67,647	1,694	58.8	40.2	1.0
Foreign-born white.....	48,987	22.6	34,252	14,505	230	69.9	29.6	0.5
Negro and other nonwhite.....	201	0.1	136	63	2	67.7	31.3	1.0

Of the 48,987 foreign-born white farmers in Iowa in 1910, 21,940 were born in Germany; 4,614 in Norway; 4,570 in Sweden; 4,061 in Denmark; 2,592 in Ireland; 2,479 in Holland; 2,374 in England; 2,279 in Austria; 1,433 in Canada; 777 in Switzerland; 676 in Scotland; and 308 in Wales.

Other European countries were represented by a total of 782 farmers, and non-European countries, other than Canada, by 102.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	213,131	98.2	.....	\$380,201,586	.....
Cattle.....	205,554	94.7	4,448,006	118,864,130	\$26.72
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	202,530	93.3	1,406,792	48,051,418	34.58
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	80,065	41.0	614,980	17,715,974	28.81
Heifers born in 1909.....	134,190	61.8	564,210	8,714,358	15.44
Calves born after Jan. 1, 1910.....	144,422	66.5	500,003	3,836,951	6.74
Steers and bulls born in 1909.....	107,706	49.7	557,164	10,781,820	19.35
Steers and bulls born before Jan. 1, 1909.....	74,700	34.5	735,808	20,164,118	30.63
Horses.....	209,812	96.7	1,492,226	177,999,124	119.28
Mares, stallions, and geldings born before Jan. 1, 1909.....	205,916	94.9	1,289,073	165,638,084	128.40
Colts born in 1909.....	92,366	42.6	150,079	10,873,651	68.10
Colts born after Jan. 1, 1910.....	32,005	15.1	42,574	1,487,389	34.94
Mules.....	21,872	10.1	55,524	7,551,818	136.01
Mules born before Jan. 1, 1909.....	18,476	8.5	46,485	6,877,871	147.96
Mule colts born in 1909.....	4,701	2.2	7,557	612,601	81.06
Mule colts born after Jan. 1, 1910.....	1,205	0.6	1,482	61,346	41.39
Asses and burros.....	832	0.4	1,614	280,212	173.61
Swine.....	184,002	84.8	7,545,853	69,693,218	9.24
Hogs and pigs born before Jan. 1, 1910.....	181,820	83.8	4,200,409	63,076,554	14.88
Pigs born after Jan. 1, 1910.....	106,747	49.2	3,246,354	5,716,664	1.76
Sheep.....	21,810	10.0	1,145,549	5,748,836	5.02
Ewes born before Jan. 1, 1910.....	20,915	9.6	676,687	4,381,545	6.47
Rams and wethers born before Jan. 1, 1910.....	11,062	5.1	38,230	537,375	6.80
Lambs born after Jan. 1, 1910.....	16,866	7.8	375,632	779,916	2.08
Goats.....	2,400	1.1	20,664	64,239	3.11

without having dairy cows. The farms reporting dairy cows show an average of 7 per farm, which is also the average number of other cows per farm reporting that class.

Horses and colts are reported by 96.7 per cent of all the farms in the state, while 42.6 per cent report colts born in 1909, and 15.1 per cent spring colts. Spring colts are valued at a little over one-half as much as yearling colts and more than one-fourth as much as mature horses; the average value of the latter is \$128.40.

About one farm out of every ten reports mules and mule colts. The average values of mules of the different ages are about 20 per cent higher than those of horses of the corresponding age groups, except in the case of mature animals, where the difference is a little over 15 per cent.

Sheep and lambs are reported from 21,810 farms, or one out of every ten. Of these farms, 77.3 per cent report spring lambs, the number of the latter being equal to 55.5 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 895 of the farms reporting sheep, and for the farms reporting the average is over 32 ewes per farm. The farms reporting rams and wethers show an average of about 8 per farm.

Of all farms, 84.8 per cent report swine, the average being over 41 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$14.88, while that of spring pigs is less than one-eighth of this amount.

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.....	204,635	94.3	23,482,880	\$12,269,881	20,043,343
Chickens.....	204,569	94.2	22,691,041	11,632,064	18,907,673
Turkeys.....	26,866	12.4	124,164	251,449	424,306
Ducks.....	40,771	18.8	226,284	120,101	437,752
Geese.....	44,494	20.5	215,196	217,673	233,612
Guinea fowls.....	8,587	4.0	38,448	13,942	(1)
Pigeons.....	7,901	3.6	187,994	34,155	(2)
All other ³	37	(4)	153	497	(2)

¹ Included with chickens.
² Not reported.
³ Thirty-one farms report 99 peafowls, valued at \$286; 5 farms report 29 pheasants, valued at \$136; and 1 farm reports 25 wild geese, valued at \$75.
⁴ Less than one-tenth of 1 per cent.

The value of the fowls on Iowa farms increased in the 10 years, 1900 to 1910, from \$6,535,000 to \$12,270,000, or 87.7 per cent, while the corresponding increase in the number of fowls was only 17.2 per cent. The number of farms reporting poultry decreased

from 214,832 to 204,635, while the average number of fowls per farm reporting increased from 93 to 115. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has decreased from 28,977 in 1900 to 28,935 in 1910, or 0.1 per cent. The number of colonies of bees increased from 138,811 to 160,025, or 15.3 per cent, and their value from \$443,923 to \$517,329, or 16.5 per cent. The average value of bees per farm reporting was \$15.32 in 1900 and \$17.88 in 1910. More than one farm out of every eight reports bees.

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

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	76,411	.....	\$17,929,607	.....
All cattle.....	36,278	61,705	2,229,183	\$36.13
Dairy cows.....	35,446	45,754	1,915,255	41.86
Horses.....	53,353	123,370	14,628,589	118.57
Mules.....	1,308	3,477	472,190	135.80
Asses and burros.....	153	199	52,227	262.45
Swine.....	9,091	45,427	538,407	11.85
Sheep.....	170	1,206	7,154	5.93
Goats.....	269	417	1,857	4.45

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

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

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....	.....	\$398,131,193	.....	\$380,201,586	.....	\$17,929,607
All cattle.....	4,509,711	121,093,322	4,448,006	118,864,139	61,705	2,229,183
Dairy cows.....	1,452,546	50,566,673	1,406,792	48,651,418	45,754	1,915,255
Horses.....	1,615,596	192,627,713	1,492,226	177,999,124	123,370	14,628,589
Mules.....	59,001	8,024,008	55,524	7,551,818	3,477	472,190
Asses and burros.....	1,813	332,439	1,614	280,212	199	52,227
Swine.....	7,591,280	70,231,625	7,545,853	69,693,218	45,427	538,407
Sheep.....	1,146,755	5,755,990	1,145,549	5,748,836	1,206	7,154
Goats.....	21,081	66,086	20,664	64,239	417	1,857

The total value of all domestic animals in the state in 1910 was \$398,131,000, of which the value of animals not on farms represented 4.5 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.....	202,539	93.3	1,406,792	Head	.....	.....
On farms reporting dairy products in 1909.....	179,847	82.9	1,300,670	Head	.....	.....
On farms reporting milk produced in 1909.....	130,796	60.3	910,153	Head	.....	.....
Specified dairy products, 1909:						
Milk reported.....			318,954,506	Gals.	.....	.....
Butter made.....	124,881	57.5	38,070,568	Lbs.	\$9,061,041	\$0.23
Cheese made.....	341	0.2	78,638	Lbs.	10,889	0.14
Milk sold.....	16,135	7.4	55,241,511	Gals.	6,032,685	0.11
Cream sold.....	26,930	12.4	8,062,449	Gals.	5,071,000	0.63
Butter fat sold.....	58,643	27.0	42,917,690	Lbs.	11,020,808	0.26
Butter sold.....	59,361	27.4	17,917,887	Lbs.	4,296,424	0.24
Cheese sold.....	87	(¹)	61,160	Lbs.	8,166	0.13
Total receipts from sales, 1909.....					26,420,743	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					31,196,883	.....
Specified dairy products, 1899:						
Butter made.....	153,066	66.9	61,780,288	Lbs.	.....	.....
Cheese made.....	597	0.3	300,428	Lbs.	.....	.....
Butter sold.....			33,266,912	Lbs.	5,167,031	0.16
Cheese sold.....			258,003	Lbs.	20,180	0.10

¹ Less than one-tenth of 1 per cent.

The number of farms reporting dairy cows on April 15, 1910, was 202,539, but only 179,847 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 130,796 (considerably less than the total number reporting dairy products), and the num-

ber of dairy cows on such farms on April 15, 1910, was 916,000. The amount of milk reported was 318,955,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 348 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 \$31,197,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Only about one-sixth of the milk reported by Iowa 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 \$9,061,000.

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

The total number of sheep of shearing age in Iowa on April 15, 1910, was 770,000, representing an increase of 17 per cent as compared with the number on June 1, 1900 (658,000). The approximate production of wool during 1909 was 729,000 fleeces,

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 8,355 farmers who reported the possession of 207,210 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.

weighing 5,485,000 pounds, and valued at \$1,414,000. Of these totals about one-fifth represents estimates. The number of fleeces produced in 1909 was 2 per cent greater than in 1899. The average weight per fleece in 1909 was 7.5 pounds, as compared with 7 pounds in 1899, and the average value per pound was 26 cents, as compared with 20 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.....	21,057	769,917			
Wool produced, as reported, 1909.....	13,884		586,089	4,376,678	\$1,125,307
On farms reporting sheep April 15, 1910.....	12,702	562,707	533,156	4,008,588	1,033,235
On other farms.....	1,182		52,933	368,090	92,072
Total production of wool (partly estimated):					
1909.....			729,484	5,484,702	1,413,711
1899.....			715,334	5,015,965	992,334
Increase, 1899 to 1909.....			14,150	468,737	421,377
Per cent of increase.....			2.0	9.3	42.5

Goat hair and mohair: 1909 and 1899.—Although 2,400 farmers reported 20,664 goats and kids on their farms April 15, 1910, only 266 reported the production of goat hair or mohair during 1909. These farmers reported 8,703 fleeces, weighing 29,206 pounds and valued at \$7,261. The production was about the same as in 1899. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

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

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	204,635	23,482,880		
On farms reporting eggs produced in 1909.....	185,810	22,141,774		
On other farms.....	18,825	1,341,106		
Eggs produced, as reported, 1909.....	187,564		103,273,505	\$18,098,752
Total production of eggs (partly estimated):				
1909.....			109,760,487	19,235,600
1899.....			89,621,920	10,016,707
Increase, 1899 to 1909.....			10,138,567	9,218,893
Per cent of increase.....			10.2	92.0
Eggs sold, as reported, 1909.....	176,853		70,835,349	12,387,353
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	186,439	22,228,716		
On other farms.....	18,196	1,254,164		
Poultry raised, as reported, 1909.....	188,442		No. of fowls.	13,171,819
Total poultry raised (partly estimated):				
1909.....			29,990,147	13,914,985
1899.....				9,491,819
Increase, 1899 to 1909.....				4,423,166
Per cent of increase.....				46.6
Fowls sold, as reported, 1909.....	153,583		10,388,967	5,207,079

The total number of fowls on Iowa farms on April 15, 1910, was 23,483,000. Of the 204,635 farms reporting fowls, 18,825 did not report any eggs produced in 1909, and 18,196 did not report any poultry raised in 1909. The production of eggs actually reported for

the year 1909 was 103,274,000 dozens, valued at \$18,099,000. According to the Twelfth Census reports, the production of eggs in 1899 was 99,622,000 dozens, the value being \$10,017,000. 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 109,760,000 dozens, valued at \$19,236,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 29,990,000 fowls, valued at \$13,915,000.

Honey and wax: 1909.—Although, as noted elsewhere, 28,935 farms reported 160,025 colonies of bees on hand April 15, 1910, 12,176 of these farms, with 38,747 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 2,374,080 pounds of honey, valued at \$275,418, and 44,266 pounds of wax, valued at \$10,011; the true totals are doubtless somewhat above these figures.

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

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$208,069,001	
Slaughtered.....				10,147,302	
Calves:					
Sold.....	47,028	21.7	256,071	2,275,732	\$8.89
Slaughtered.....	7,286	3.4	18,235	142,981	7.84
Other cattle:					
Sold.....	128,657	69.3	2,130,255	88,603,301	41.59
Slaughtered.....	43,833	22.5	73,454	1,840,125	25.05
Horses:					
Sold.....	62,037	23.6	131,556	25,970,543	143.04
Mules:					
Sold.....	5,656	2.8	15,612	2,229,797	142.83
Asses and burros:					
Sold.....	60	(¹)	96	25,693	267.69
Swine:					
Sold.....	152,542	70.3	5,524,519	85,673,509	15.51
Slaughtered.....	147,246	67.8	507,167	8,128,507	16.03
Sheep:					
Sold.....	9,925	4.6	594,869	3,245,607	5.46
Slaughtered.....	2,556	1.2	6,180	35,044	5.67
Goats:					
Sold.....	336	0.2	15,775	44,809	2.84
Slaughtered.....	79	(¹)	213	645	3.03
1899—All domestic animals:					
Sold.....				113,078,523	
Slaughtered.....				8,448,938	

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 \$208,069,000 and that of animals slaughtered on farms \$10,147,000, making an aggregate of \$218,216,000. This total, however, involves consider-

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

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

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

ing and the total value of those slaughtered during 1899, which amounted, respectively, to \$113,079,000 and \$8,449,000. 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 the sales of animals not actually raised on the farms reporting.

CROPS.

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

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

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.					
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops.....							\$314,666,208	\$195,552,547	\$110,113,751	60.9	100.0	100.0
Crops with acreage reports.....	20,374,925	21,985,377	-1,610,452	-7.3	69.1	73.5	304,491,033	189,013,039	115,477,994	61.1	96.8	96.7
Cereals.....	15,041,030	16,920,095	-1,879,065	-11.1	51.0	56.0	230,205,315	147,919,076	82,280,239	55.6	73.2	75.6
Other grains and seeds.....	16,943	130,443	-113,500	-87.0	0.1	0.4	207,569	1,443,035	-1,235,460	-85.6	0.1	0.7
Hay and forage.....	5,046,185	4,640,378	396,807	8.5	17.1	15.6	59,380,225	30,042,246	29,317,979	97.6	18.9	15.4
Tobacco.....	81	131	-50	-38.2	(²)	(²)	8,751	8,345	406	4.9	(²)	(²)
Sugar crops.....	7,270	8,287	-1,011	-12.2	(²)	(²)	208,283	218,999	-10,716	-4.9	0.1	0.1
Sundry minor crops.....	156	2,594	-2,438	-94.0	(²)	(²)	9,288	54,538	-45,255	-83.0	(²)	(²)
Potatoes and sweet potatoes and yams.....	171,841	178,570	-6,735	-3.8	0.6	0.6	6,754,997	3,999,727	2,755,270	68.9	2.1	2.0
Other vegetables.....	80,402	83,193	-2,791	-3.4	0.3	0.3	5,200,411	3,509,127	1,757,284	50.1	1.7	1.8
Flowers and plants and nursery products.....	3,791	3,045	746	24.5	(²)	(²)	1,503,305	930,499	563,806	60.0	0.5	0.5
Small fruits.....	7,211	9,635	-2,424	-25.2	(²)	(²)	906,894	878,447	88,447	10.1	0.3	0.4
Crops with no acreage reports.....							10,175,265	6,539,508	3,635,757	55.6	3.2	3.3
Seeds.....							1,726,142	1,221,807	504,335	41.3	0.5	0.6
Fruits and nuts.....							4,050,875	2,023,730	2,027,145	120.8	1.5	1.0
Maple sugar and sirup.....							11,495	2,920	8,575	293.7	(²)	(²)
Forest products of farms.....							3,649,632	3,266,449	382,583	11.7	1.2	1.7
Miscellaneous.....							137,721	24,602	113,119	459.8	(²)	(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 \$314,666,000. Of this amount, 96.8 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 20,374,925, representing 69.1 per cent of the total improved land in farms (29,491,199 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 Iowa agriculture is indicated by the fact that about three-fourths (73.2 per cent) of the total value of crops in

1909 was contributed by the cereals, and about one-fifth (18.9 per cent) by hay and forage. The remainder, representing 7.9 per cent of the total, consisted mostly of vegetables, fruits and nuts, and forest products.

The total value of crops in 1909 was 60.9 per cent greater than in 1899. This increase was clearly due in part to higher prices. There was a decrease of 7.3 per cent in the total acreage of crops for which acreage was reported, the greatest absolute decrease being that in the acreage of cereals, and the only important increase in that of hay and forage.

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.....		15,041,039	489,803,118	Bu...	\$230,205,315
Corn.....	196,561	9,229,378	341,760,460	Bu...	167,622,834
Oats.....	161,769	4,655,154	128,198,055	Bu...	49,046,888
Wheat, total.....	36,284	526,777	8,055,944	Bu...	7,703,205
Common winter.....	15,379	236,708	4,310,922	Bu...	4,184,036
Common spring.....	22,327	288,810	3,726,593	Bu...	3,553,695
Durum or macaroni.....	191	1,259	18,429	Bu...	15,474
Emmer and spelt.....	767	7,256	139,839	Bu...	65,436
Barley.....	36,435	571,224	10,964,184	Bu...	5,320,708
Buckwheat.....	1,731	9,006	120,559	Bu...	86,941
Rye.....	4,301	42,042	570,996	Bu...	357,220
Kafir corn and milo maize.....	60	142	3,081	Bu...	2,083
Other grains and seeds, with acreage report, total¹.....		16,943	156,866	Bu...	207,569
Dry edible beans.....	973	615	5,699	Bu...	12,428
Dry peas.....	183	731	9,007	Bu...	11,669
Flaxseed.....	1,361	15,549	140,906	Bu...	182,569
Seeds with no acreage report, total².....					1,726,142
Timothy seed.....	16,467	(³)	1,028,664	Bu...	1,405,866
Clover seed.....	2,424	(³)	36,201	Bu...	275,842
Millet seed.....	217	(³)	47,959	Bu...	32,759
Other tame grass seed.....	79	(³)	5,213	Bu...	6,772
Flower and garden seeds.....	76	(³)			4,853
Hay and forage, total.....	180,698	5,046,185	7,823,181	Tons.	59,360,225
Timothy alone.....	65,376	1,312,422	1,952,956	Tons.	16,307,556
Timothy and clover mixed.....	103,805	2,445,836	3,732,186	Tons.	30,380,941
Clover alone.....	8,851	125,751	195,579	Tons.	1,523,966
Alfalfa.....	4,301	29,143	84,569	Tons.	718,271
Millet or Hungarian grass.....	5,687	31,547	54,346	Tons.	339,320
Other tame or cultivated grasses.....	3,315	61,257	84,361	Tons.	517,181
Wild, salt, or prairie grasses.....	49,131	845,954	1,178,000	Tons.	6,913,714
Grains out green.....	2,180	17,131	30,594	Tons.	192,943
Coarse forage.....	17,352	177,113	510,184	Tons.	2,464,265
Root forage.....	12	31	406	Tons.	2,068
Potatoes.....	170,318	169,567	14,710,247	Bu...	6,629,234
Sweet potatoes and yams.....	3,667	2,274	232,413	Bu...	125,763
Tobacco.....	174	81	102,886	Lbs..	8,751
Sundry minor crops, total⁴.....					9,283
Broom corn.....	49	156	75,370	Lbs..	6,670
Ginseng.....	12				2,362

¹ Includes small amounts of peanuts, sorghum cane seed, and sunflower seed.
² Includes small amount of alfalfa seed.
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 Includes small amount of hops.

The leading crops shown by the table, in the order of importance as judged by value, are corn, \$167,623,000; hay and forage, \$59,360,000; oats, \$49,047,000; wheat, \$7,703,000; potatoes, \$6,629,000; barley, \$5,321,000; and timothy seed, \$1,406,000. It will be observed that several crops, statistics for which appear elsewhere, are more important than several of the crops mentioned in the table.

By far the most important crop is corn, the reported value of this cereal being nearly three times as great as that of hay and forage, which ranks second, and nearly three and a half times as great as that of oats, which ranks third. From oats to wheat, the cereal ranking next below in value, there is a big drop, the reported value of wheat being less than one-sixth that of oats. In both value and yield winter wheat outranks spring wheat, though the latter exceeds the former both in acreage and in number of farms reporting. Potatoes show a value nearly as great as that of wheat. Timothy seed in some sections of the state is an important crop. Of the total acreage of this crop, almost one-third is reported from six counties—three in the northeastern and three in the southeastern and southern parts of the state. Of the 15,041,039

acres devoted to cereals in 1909, over three-fifths were in corn, which, together with the acreage in oats, accounts for over nine-tenths of the whole. "Timothy and clover mixed" and "timothy alone" constitute nearly three-fourths of all hay and forage crops. Alfalfa is reported for every county, except two, yet three-fourths of the acreage is in the western tier of counties.

For several of the less important crops the acreages are omitted because of uncertainties in the reports; it is believed, however, that the reports of yields are reliable. During the past decade none of the minor crops, with the exception of alfalfa, have made much headway. This crop is now grown by about one farmer in fifty and is valued at nearly \$25 per acre.

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.	Hay and forage.	Potatoes.
1909.....	9,229,378	4,655,154	526,777	571,224	5,046,185	169,567
1899.....	9,804,076	4,695,391	1,689,705	627,851	4,649,378	175,888
1889.....	7,585,822	3,762,141	585,548	518,729	5,238,918	169,870
1879.....	6,616,144	1,507,877	3,049,288	198,861	2,490,027	(¹)

¹ Not reported.

The acreage in corn increased from approximately six and two-thirds millions in 1879 to a little more than nine and three-quarters millions in 1899, subsequently decreasing to somewhat less than nine and a quarter millions in 1909. The acreage in oats and also that in barley more than trebled between 1879 and 1899, but decreased slightly during the past decade. The acreage of wheat has varied widely at different periods. At the census of 1910 it is less than one-third as large as it was in 1899, and slightly less than it was in 1889. In 1879, however, the acreage of wheat was almost six times that reported in 1909. For all cereals combined there was a falling off in acreage, during the last decade, of 1,879,056, or 11.1 per cent, all of the important cereal crops sharing in the decrease. By far the greatest of the decreases is that shown for wheat, the acreage of which decreased over two-thirds during the decade. For the other cereal crops, with the exception of rye, the decrease in acreage was relatively small, being in the case of barley 9 per cent, with corn and oats following in order. The only crop here enumerated for which a gain in acreage is reported for the last decade is hay and forage, the gain amounting to 396,807 acres.

The next 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			
						1909	1909
Corn.....	90.6	92.0	31.3	32.8	-5.0	37.1 Bu.	\$18.10
Oats.....	69.9	72.7	15.8	15.7	-0.0	27.5 Bu.	10.54
Wheat.....	16.7	37.1	1.8	5.7	-68.8	15.3 Bu.	14.02
Barley.....	16.8	14.9	1.9	2.1	-0.0	19.2 Bu.	9.31
Rye.....	2.0	4.7	0.1	0.3	-52.0	13.6 Bu.	8.50
Flaxseed.....	0.6	3.0	0.1	0.4	-57.7	0.1 Bu.	11.74
Timothy seed.....	7.6	(?)	0.8	(?)	.....	4.2 Bu.	5.70
Hay and forage.....	83.3	81.8	17.1	15.6	8.5	1.55 Tons.	11.76
Potatoes.....	78.5	77.2	0.6	0.6	-3.6	86.8 Bu.	39.10

A minus sign (-) denotes decrease.

² Not reported.

Corn is grown by over nine-tenths of the farms of the state, hay and forage by more than eight-tenths, and oats by about seven-tenths. Potatoes are reported from about four farms in five. None of the other crops are very generally grown. Slightly more than one-half of all improved land is in cereals and about one-sixth in hay and forage.

The average value per acre for all cereals combined is \$15.31, which among the cereals is exceeded by the average for corn only. Corn is reported at about one and one-third times the value of wheat per acre, wheat ranking second. Hay and forage ranks in value per acre above each of the cereals other than the two just mentioned, falling, however, almost 40 per cent short of the value of corn per acre.

Within the state some important readjustments have taken place. The acreage of wheat, though decreasing greatly in the state as a whole, shows relatively large increases in all the southeastern counties, and in some of the extreme southern counties, but nowhere else is there an exception to the general tendency. Oats, on the contrary, show important gains in acreage in all of the northwestern counties, small gains in a few of the central and southern counties, and decreases elsewhere. Barley, although showing a net decrease in acreage, made gains in nearly two-thirds of the counties, the losses, largely in a few northwestern counties, overbalancing them. The decrease in the corn acreage is distributed quite evenly over the state, gains occurring in but seven scattered counties, and in a line of counties extending from Mitchell County west to the corner of the state and south to Plymouth, inclusive. The greatest increase is in Lyon County, about 35,000 acres; the greatest decrease, in Taylor, over 25,000 acres. Hay and forage increased quite generally, decreases occurring in a small group of counties in the north central part of the state, and in a group extending along the southern border.

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

CROP.	FARMS REPORTING: 1909		ACRES.		VALUE OF PRODUCTS.	
	Num-ber.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	152,602	70.3	80,402	83,193	\$5,206,411	\$3,509,127
Farms reporting a product of \$500 or over.....	640	0.3	14,437	.....	773,011	.....
All other farms.....	151,956	70.0	65,965	.....	4,493,400	.....
Flowers and plants, total.....	108	0.1	361	140	657,393	320,407
Farms reporting a product of \$250 or over.....	120	0.1	.....	.....	653,984	.....
All other farms.....	39	(?)	.....	.....	3,409	.....
Nursery products, total.....	242	0.1	3,430	2,905	845,912	619,062
Farms reporting a product of \$250 or over.....	114	0.1	.....	.....	832,158	.....
All other farms.....	128	0.1	.....	.....	13,754	.....

¹ Does not include 25,112 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.

The total acreage of potatoes and other vegetables was 252,243 and their value \$12,021,408. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 80,402 and their value \$5,266,000, the acreage showing a decrease and the value a decided increase as compared with 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, 646 farms in the first class, representing only a very small proportion of all the farms that reported vegetables, but containing nearly one-fifth of the acreage and producing about one-seventh of the total value of vegetables, the average acreage of vegetables per farm for these farms being 22.3 and the average value of product per acre \$53.54.

The raising of flowers and plants and of nursery products is also of importance in Iowa, 3,791 acres being devoted to them in 1909, and the output being valued at \$1,503,305. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

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.

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

CROP.	Number of farms reporting: 1909	ACRES.		Quantity (quarts): 1909	Value: 1909
		1909	1899		
Small fruits, total.....		7,211	9,635	10,344,052	\$966,894
Strawberries.....	19,871	2,917	2,335	5,330,105	479,511
Blackberries and dewberries.....	15,874	2,279	1,719	2,733,723	247,734
Raspberries and loganberries.....	12,574	1,573	3,394	1,723,547	191,037
Currants.....	6,905	253	1,017	317,037	27,315
Gooseberries.....	6,382	189	777	233,544	21,251
Cranberries.....	4	(1)	1	.....	3
Other berries.....	5	(1)	392	491	43

¹ Reported in small fractions.

Strawberries are by far the most important of the small fruits raised in Iowa, with blackberries and dewberries and raspberries and loganberries ranking second and third, respectively. The total acreage of small fruits in 1909 was 7,211, and in 1899, 9,635, a decrease of 25.2 per cent. The production in 1909 was 10,344,000 quarts, as compared with 11,327,000 quarts in 1899, and the value \$967,000, as compared with \$878,000.

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

The total quantity of orchard fruits produced in 1909 was 7,234,000 bushels, valued at \$4,284,000. Apples contributed more than nine-tenths of this quantity, cherries and plums and prunes most of the remainder. The production of grapes in 1909 amounted to 11,708,000 pounds, valued at \$330,000, and that of nuts to 1,721,000 pounds, valued at \$37,000. Most of the nuts were black walnuts and hickory nuts.

The production of all orchard fruits together in 1909 was 109.3 per cent more in quantity than in 1899, and the production of grapes also increased. The total value of orchard fruits increased from \$1,850,000 in 1899 to \$4,284,000 in 1909, and of grapes from \$166,000 in 1899 to \$330,000 in 1909. It should be noted in this connection that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve

some duplication, while the values shown for 1909 relate only to the products in their original condition.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. ¹	Value.		Quantity.^{1}
Orchard fruits,							
total.....		9,208,387		2,802,548	7,234,168	\$4,283,873	3,456,422
Apples.....	143,759	5,847,034	74,687	1,914,325	6,746,688	3,550,729	3,129,802
Peaches and nectarines.....	37,135	1,090,749	14,185	283,308	23,190	24,950	5,481
Pears.....	29,734	191,125	15,370	123,292	44,449	53,777	5,014
Plums and prunes.....	78,157	1,155,041	23,046	245,231	158,036	192,421	186,312
Cherries.....	93,359	908,764	29,768	229,352	260,432	455,022	113,743
Apricots.....	1,792	5,949	649	2,290	648	942	(2) 378
Quinces.....	641	7,063	421	4,451	415	681	(2)
Mulberries.....	51	2,662	10	279	340	351	(2)
Unclassified.....							10,632
Grapes.....	51,917	1,983,465	13,281	446,126	11,708,336	330,078	7,403,900
Nuts, total.....		163,337		41,059	1,721,265	36,922	484,859
Black walnuts.....	3,945	125,194	712	24,277	1,134,061	20,559	(2)
Hickory nuts.....	1,344	32,694	51	14,676	599,203	15,251	(2)
Butternuts.....	246	4,391	46	1,888	37,931	758	(2)
Unclassified.....							484,850
Tropical fruits, (Japanese persimmons).	4	7	2	14	1		2

¹ Expressed in bushels for orchard and tropical 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 pecans, Persian or English walnuts, almonds, chestnuts, hazelnuts, Japanese nuts, filberts, hognuts, and other nuts.

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

PRODUCT.	FARMS REPORTING: 1909		QUANTITY PRODUCED.		
	Number.	Percent of all farms.	Unit.	1909	1899
Cider.....	9,134	4.2	Gals....	590,352	305,676
Vinegar.....	5,498	2.5	Gals....	244,473	121,963
Wine and grape juice.....	2,377	1.1	Gals....	76,092	76,301
Dried fruits.....	2,341	1.1	Lbs....	87,421	79,740

Sugar crops: 1909 and 1899.—The next table shows data with regard to maple trees and their products, and for sugar beets and sorghum cane. The total value of sorghum cane and sirup produced in 1909 was \$173,000, as compared with \$219,000 in 1899; the value of sugar beets was \$35,024 in 1909, while there was no production of sugar beets reported in 1899; and the value of maple sugar and sirup was \$11,495 in 1909, and \$2,920 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		Value.
	Number.	Percent of all farms.		Amount.	Unit.	
Maple sugar and sirup:						
Total, 1909.....	308	0.2	123,965			\$11,495
Sugar made.....	73	(2)		0,173	Lbs.	1,212
Sirup made.....	390	0.2		8,596	Gals.	10,283
Total, 1899.....	83	(2)				2,920
Sugar made.....				2,320	Lbs.	280
Sirup made.....				2,662	Gals.	2,640
Sugar beets, 1909 ¹	247	0.1	1,051	7,117	Tons.	35,024
Sorghum cane:						
Total, 1909 ¹						173,259
Cane grown.....	5,304	2.5	6,225	28,957	Tons.	
Sirup made.....	5,011	2.3		250,205	Gals.	139,293
Total, 1899.....						218,999
Cane grown.....	10,529	4.6	8,287	58,347	Tons.	
Cane sold as such.....				10,033	Tons.	28,304
Sirup made.....				521,212	Gals.	190,995

¹ Number of trees. ² Includes beets used as root forage.
³ Less than one-tenth of 1 per cent. 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 50,952 farms in Iowa (23.5 per cent of all farms

in the state) which reported forest products in 1909, the total value of such products being \$3,649,032, as compared with \$3,266,449 in 1899, an increase of 11.7 per cent. Of the value in 1909, \$2,756,235 was reported as that of products used or to be used on the farms themselves, \$831,937 as that of products sold or for sale, and \$60,860 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 26 farmers reported the sale of 439 tons of flax fiber, valued at \$5,643, and 123 farmers reported the sale of 1,216 tons of flax straw, valued at \$3,231. In addition, 3,954 farmers in Iowa sold, during 1909, 29,285 tons of straw, for which they received \$97,793, and that 887 farmers sold 9,495 tons of cornstalks and leaves, for which they received \$31,054.

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.....	108,890	50.2	\$24,781,592	\$10,375,670	\$8,405,922	51.3
Feed.....	81,302	37.5	18,582,251	(*)		
Fertilizer.....	1,776	0.8	109,570	337,190	-227,620	-67.5

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

During the decade the total expenditure for labor, one-fourth of which was in 1909 in the form of rent and board furnished, increased 51.3 per cent. Half of the farmers of Iowa hire labor, the average amount expended by those hiring in 1909 being \$228. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

Three farmers out of every eight report some expenditure for feed, while less than one out of every

hundred reports the purchase of fertilizer. Less than one-third as much was spent for fertilizer in 1909 as in 1899, the average expenditure per farm for those reporting in 1909 being \$61.69.

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.....					\$57,034,312
Corn.....	79,941	36.8	66,370,000	Bu.	34,681,926
Oats.....	80,793	37.2	41,311,243	Bu.	16,407,511
Barley.....	10,505	7.6	5,076,639	Bu.	2,472,766
Hay and coarse forage....	31,555	14.5	448,721	Tons.	3,472,090

While the total amount expended by Iowa farmers for the purchase of feed in 1909 was \$18,582,000, the total receipts from the sale of feed by those reporting sales amounted to \$57,034,000.

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.

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 total farm acreage of 10 counties. These counties, with their corrected acreages, are: Allamakee, 372,448 (not 383,324); Appanoose, 314,952 (not 325,147); Benton, 448,874 (not 458,801); Buena Vista, 354,835 (not 360,231); Clarke, 256,408 (not 259,491); Fremont, 308,174 (not 328,958); Madison, 349,425 (not 354,216); Monona, 410,082 (not 386,780); Polk, 361,513 (not 370,252); and Pottawattamie, 587,001 (not 599,930).

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Adair.	Adams.	Allamakee.	Appanoose.	Audubon.
1 Population.....	2,224,771	14,420	10,998	17,328	28,701	12,671
2 <i>Population in 1900.....</i>	<i>2,231,853</i>	<i>16,192</i>	<i>13,001</i>	<i>13,711</i>	<i>25,027</i>	<i>13,622</i>
3 Number of all farms.....	217,044	2,227	1,726	2,230	2,312	1,897
4 <i>Number of all farms in 1900.....</i>	<i>223,222</i>	<i>2,327</i>	<i>1,949</i>	<i>2,368</i>	<i>2,523</i>	<i>1,923</i>
5 Color and nativity of farmers:						
6 Native white.....	167,856	1,892	1,523	1,551	2,140	1,079
7 Foreign-born white.....	48,987	335	203	675	157	818
8 Negro and other nonwhite.....	201			4	6	
9 Number of farms, classified by size:						
10 Under 3 acres.....	392	2	3	4	1	
11 3 to 9 acres.....	7,295	34	49	43	95	78
12 10 to 19 acres.....	6,037	34	32	47	119	37
13 20 to 49 acres.....	15,678	102	149	155	320	98
14 50 to 99 acres.....	33,712	450	417	357	547	285
15 100 to 174 acres.....	80,121	941	602	774	643	740
16 175 to 269 acres.....	40,304	407	249	500	323	381
17 260 to 499 acres.....	25,861	232	101	313	221	187
18 500 to 999 acres.....	2,430	23	31	34	31	10
19 1,000 acres and over.....	214	3	3	3	3	1
LAND AND FARM AREA						
20 Approximate land area..... acres.....	35,575,040	366,634	273,182	400,086	328,353	283,537
21 Land in farms..... acres.....	33,930,688	350,756	261,719	373,033	307,571	281,620
22 <i>Land in farms in 1900.....</i>	<i>34,574,337</i>	<i>360,224</i>	<i>273,042</i>	<i>383,224</i>	<i>325,147</i>	<i>280,456</i>
23 Improved land in farms..... acres.....	20,491,190	336,611	243,686	226,003	253,724	271,174
24 <i>Improved land in farms in 1900.....</i>	<i>20,897,552</i>	<i>331,570</i>	<i>249,130</i>	<i>223,256</i>	<i>265,422</i>	<i>272,107</i>
25 Woodland in farms..... acres.....	2,314,115	10,381	15,320	104,180	43,322	7,174
26 Other unimproved land in farms..... acres.....	2,125,374	9,204	2,733	41,041	10,025	8,281
27 Per cent of land area in farms.....	95.4	97.3	95.8	91.2	93.7	99.3
28 Per cent of farm land improved.....	59.0	94.4	93.1	60.5	82.5	96.3
29 Average acres per farm.....	153.3	160.2	151.0	167.3	133.0	148.5
30 Average improved acres per farm.....	135.9	161.1	141.2	101.8	109.7	142.9
VALUE OF FARM PROPERTY						
31 All farm property..... dollars.....	3,745,860,544	38,398,575	27,813,705	23,200,977	21,557,860	37,606,935
32 <i>All farm property in 1900.....</i>	<i>1,834,545,546</i>	<i>16,752,220</i>	<i>14,603,011</i>	<i>13,412,253</i>	<i>12,420,080</i>	<i>14,570,045</i>
33 Per cent increase, 1900-1910.....	104.2	120.3	87.0	73.1	73.0	158.1
34 Land..... dollars.....	2,801,073,729	28,804,280	20,014,452	14,267,052	15,241,410	28,737,022
35 <i>Land in 1900.....</i>	<i>1,256,761,980</i>	<i>10,868,310</i>	<i>9,062,040</i>	<i>8,320,430</i>	<i>8,111,620</i>	<i>9,814,020</i>
36 Buildings..... dollars.....	455,405,671	4,033,540	3,178,104	4,860,196	2,753,708	4,153,322
37 <i>Buildings in 1900.....</i>	<i>240,802,810</i>	<i>1,955,700</i>	<i>1,628,760</i>	<i>2,234,600</i>	<i>1,653,450</i>	<i>1,680,500</i>
38 Implements and machinery..... dollars.....	95,477,048	845,470	641,923	946,858	671,116	922,478
39 <i>Implements, etc., in 1900.....</i>	<i>57,900,680</i>	<i>503,840</i>	<i>408,450</i>	<i>627,670</i>	<i>373,220</i>	<i>474,110</i>
40 Domestic animals, poultry, and bees..... dollars.....	239,303,105	4,655,276	3,479,226	3,135,871	2,901,626	3,788,993
41 <i>Domestic animals, etc., in 1900.....</i>	<i>278,820,096</i>	<i>3,414,426</i>	<i>2,903,761</i>	<i>2,110,468</i>	<i>2,321,780</i>	<i>2,660,428</i>
42 Per cent of value of all property in—						
43 Land.....	74.8	73.3	75.2	61.5	70.7	76.4
44 Buildings.....	12.2	10.5	11.6	20.9	12.8	11.1
45 Implements and machinery.....	2.5	2.2	2.4	4.1	2.6	2.5
46 Domestic animals, poultry, and bees.....	10.5	12.1	12.7	13.5	13.9	10.1
47 Average values:						
48 All property per farm..... dollars.....	17,250	17,242	15,825	10,408	9,324	19,824
49 Land and buildings per farm..... dollars.....	15,008	14,772	13,437	8,577	7,783	17,341
50 Land per acre..... dollars.....	82.58	80.91	76.47	38.25	49.65	102.04
51 <i>Land per acre in 1900.....</i>	<i>36.36</i>	<i>30.17</i>	<i>25.59</i>	<i>21.39</i>	<i>24.05</i>	<i>34.75</i>
DOMESTIC ANIMALS (farms and ranges)						
52 Farms reporting domestic animals.....	213,131	2,101	1,688	2,190	2,250	1,864
53 Value of domestic animals..... dollars.....	380,201,536	4,523,360	3,375,263	3,037,111	2,800,243	3,685,879
54 Cattle:						
55 Total number.....	4,448,006	57,128	37,046	50,350	34,457	45,029
56 Dairy cows.....	1,406,792	14,871	8,537	19,370	11,121	13,551
57 Other cows.....	614,930	8,355	6,074	5,049	3,040	6,159
58 Yearling heifers.....	564,219	7,218	4,659	6,875	3,821	6,356
59 Calves.....	599,003	6,975	4,543	7,558	4,125	6,171
60 Yearling steers and bulls.....	557,184	8,011	5,175	6,807	4,648	6,075
61 Other steers and bulls.....	735,898	11,608	7,758	4,691	7,606	6,787
62 Value..... dollars.....	118,864,189	1,494,712	1,065,577	1,161,578	990,276	1,141,905
63 Horses:						
64 Total number.....	1,492,220	17,667	12,975	11,687	11,046	13,972
65 Mature horses.....	1,289,973	14,832	10,809	10,275	10,350	12,129
66 Yearling colts.....	159,679	2,097	1,613	1,201	1,387	1,392
67 Spring colts.....	42,574	688	469	151	209	451
68 Value..... dollars.....	177,999,124	1,089,221	1,497,931	1,322,350	1,408,876	1,655,048
69 Mules:						
70 Total number.....	55,524	693	817	84	1,137	474
71 Mature mules.....	46,485	540	604	67	832	423
72 Yearling colts.....	7,557	113	103	16	244	39
73 Spring colts.....	1,482	24	50	1	11	7
74 Value..... dollars.....	7,551,818	89,896	120,064	8,080	136,388	67,963
75 Asses and burros:						
76 Number.....	1,014	28	18		28	7
77 Value..... dollars.....	280,212	6,718	7,010		6,672	210
78 Swine:						
79 Total number.....	7,545,853	94,255	72,721	47,581	24,864	78,787
80 Mature hogs.....	4,209,490	57,943	44,629	26,365	15,804	44,967
81 Spring pigs.....	3,246,354	36,312	28,092	21,216	9,060	33,820
82 Value..... dollars.....	69,693,213	831,855	617,286	460,453	220,341	779,471
83 Sheep:						
84 Total number.....	1,145,549	11,853	14,125	16,370	18,551	7,573
85 Rams, ewes, and wethers.....	799,917	7,860	9,417	10,179	12,349	4,553
86 Spring lambs.....	375,632	3,986	4,708	6,191	6,202	3,020
87 Value..... dollars.....	5,748,836	60,697	66,586	83,869	80,915	41,027
88 Goats:						
89 Number.....	20,664	105	146	248	220	82
90 Value..... dollars.....	64,230	291	790	781	780	255
POULTRY AND BEES						
91 Number of poultry of all kinds.....	23,482,880	234,255	189,552	200,893	184,022	195,545
92 Value..... dollars.....	12,269,881	127,717	101,043	92,380	113,509	100,296
93 Number of colonies of bees.....	160,025	1,598	1,156	1,840	2,735	1,088
94 Value..... dollars.....	517,329	4,199	2,980	6,400	8,869	2,818

1 See explanation of 1900 figures at close of text.

STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910.

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

	Benton.	Blackhawk.	Boone.	Bremer.	Buchanan.	Buena Vista.	Butler.	Calhoun.	Carroll.	Cass.	Cedar.	Cerro Gordo.
1	23,156	44,805	27,026	15,843	19,748	15,981	17,119	17,090	20,117	19,047	17,765	25,011
2	26,377	52,599	28,200	16,306	21,427	16,976	17,955	18,569	20,519	21,274	19,371	26,672
3	2,656	2,168	2,581	1,968	2,334	1,934	2,226	1,958	2,022	2,202	2,228	1,861
4	2,774	2,267	2,670	2,004	2,447	1,956	2,304	2,134	2,175	2,595	2,291	1,937
5	2,184	1,690	1,976	1,471	1,935	1,123	1,490	1,485	1,407	1,843	1,674	1,363
6	472	477	605	497	399	811	736	473	685	449	553	498
7		1									1	
8	9	6	2	3	3	2	3		2	3	7	
9	89	66	120	69	54	27	48	19	37	77	64	74
10	63	62	70	82	44	29	69	20	47	52	41	50
11	154	130	211	183	146	70	121	47	69	121	119	91
12	377	311	591	385	451	260	354	268	241	451	398	203
13	916	872	1,010	797	983	603	910	859	918	902	864	680
14	635	457	355	365	417	355	449	414	532	415	493	407
15	385	249	215	127	219	311	252	320	234	246	220	329
16	27	15	6	7	15	24	17	10	11	23	22	25
17	1		1		2		3	1	1	2		2
18	455,945	361,505	364,475	277,799	362,668	365,604	369,227	363,729	365,501	361,091	364,734	362,735
19	449,553	340,103	341,376	267,528	351,498	349,285	352,854	349,375	351,936	354,447	350,505	336,616
20	1,458,801	349,194	349,980	275,501	557,516	1,580,231	360,573	362,873	356,987	554,644	348,066	553,133
21	411,907	298,809	289,697	229,505	303,593	323,537	310,430	326,012	331,769	340,970	313,499	300,815
22	403,859	318,102	307,538	242,494	538,925	323,179	323,179	345,079	345,597	353,567	313,267	514,073
23	17,989	21,395	23,586	15,232	19,698	4,503	15,034	4,358	6,458	8,651	22,402	10,380
24	19,657	19,899	23,093	22,791	28,207	21,245	27,390	19,005	13,769	13,769	14,604	25,421
25	98.6	94.1	93.7	96.3	96.9	95.5	95.6	96.1	96.3	96.2	96.1	92.8
26	91.6	87.9	84.9	85.8	86.4	92.6	88.0	93.3	94.3	94.2	89.4	89.4
27	169.3	156.9	132.3	135.9	150.6	150.6	158.5	178.4	168.2	154.6	157.3	180.9
28	155.1	137.8	112.2	116.6	130.1	167.3	139.5	166.5	158.6	143.8	140.7	161.6
29	61,810,512	43,469,145	41,240,156	27,381,626	33,867,776	39,661,302	36,983,961	39,966,066	47,331,792	47,476,966	50,843,417	32,771,225
30	29,450,705	22,040,816	19,200,099	16,364,178	19,270,021	18,608,900	20,108,048	18,321,804	19,751,747	20,333,690	24,769,037	18,907,625
31	109.9	97.2	114.1	67.4	75.7	113.2	83.1	118.1	139.9	133.5	105.4	73.3
32	48,074,310	32,614,464	31,544,092	17,816,106	23,772,344	30,316,392	27,437,824	31,986,823	37,495,460	36,522,704	37,677,164	24,122,541
33	20,738,190	14,945,470	13,481,850	10,389,470	12,362,680	13,001,470	14,146,860	13,248,880	15,076,400	15,725,420	16,824,570	13,272,230
34	6,742,706	5,503,431	4,893,133	5,235,485	5,045,854	4,599,384	4,655,302	3,866,137	4,760,000	5,026,160	6,733,410	4,371,150
35	3,966,750	3,354,200	2,495,340	3,034,690	2,756,340	2,506,180	2,671,020	1,992,580	2,527,550	2,595,790	3,627,490	2,384,700
36	1,350,244	1,030,096	1,102,071	1,075,319	996,730	1,070,775	1,033,996	918,772	1,187,139	1,060,592	1,163,168	875,835
37	799,280	675,210	632,200	624,200	648,880	622,610	641,120	584,120	652,530	602,070	649,030	640,230
38	5,613,252	4,320,254	3,700,860	3,254,716	4,052,842	3,674,751	3,856,639	3,194,334	3,919,193	4,867,520	5,299,675	3,401,669
39	3,896,505	3,067,855	2,656,709	2,255,818	3,014,721	2,738,760	2,841,148	2,496,244	2,876,287	3,010,416	3,658,147	2,610,486
40	75.0	76.5	76.5	65.1	70.2	76.4	74.2	80.0	79.2	76.9	74.1	73.6
41	10.9	12.7	11.9	19.1	14.9	11.6	12.6	9.7	10.1	10.6	13.2	13.2
42	2.2	2.4	2.7	3.6	2.9	2.7	2.8	2.3	2.4	2.2	2.3	2.7
43	9.1	9.0	9.0	11.9	12.0	9.3	10.4	8.0	8.3	10.3	10.4	10.4
44	23,272	20,050	15,978	13,913	14,511	20,507	16,615	20,412	22,625	20,714	22,820	17,609
45	20,639	17,582	14,117	11,713	12,347	13,054	14,417	18,311	20,199	18,128	19,933	15,311
46	106.94	95.90	92.40	66.60	67.63	86.80	77.76	91.55	106.54	103.04	107.49	71.66
47	46.31	42.79	33.53	37.71	35.95	36.03	33.23	36.51	38.31	38.70	48.34	37.53
48	2,599	2,107	2,553	1,943	2,296	1,915	2,190	1,943	2,049	2,263	2,191	1,845
49	5,469,140	4,187,020	3,544,125	3,130,998	3,898,457	3,574,716	3,702,437	3,083,152	3,779,928	4,746,839	5,115,342	3,286,909
50	61,503	52,048	38,557	44,658	53,855	46,019	53,552	30,330	46,911	48,970	57,080	45,827
51	17,223	22,380	14,533	24,399	19,938	14,171	19,202	10,978	14,980	10,887	13,456	15,522
52	8,891	4,778	5,039	3,244	5,470	6,999	6,384	4,528	6,955	8,848	9,829	6,158
53	7,968	6,401	5,023	5,194	6,317	6,322	7,252	4,080	6,554	6,006	7,502	5,860
54	7,959	6,844	5,395	6,035	7,913	5,631	7,943	3,978	6,555	5,234	7,000	6,108
55	8,564	5,271	4,528	2,969	5,858	5,991	6,248	3,606	5,870	7,254	7,933	5,537
56	10,908	6,374	4,009	2,827	8,369	6,905	6,523	3,160	5,997	10,741	11,550	6,622
57	1,610,829	1,343,888	918,131	1,110,410	1,333,496	1,150,482	1,227,600	738,192	1,114,499	1,422,481	1,690,256	1,144,314
58	20,311	15,399	16,487	11,457	14,761	14,484	14,712	15,859	15,230	17,906	17,988	12,802
59	17,443	13,330	14,224	10,076	12,899	12,847	12,681	13,639	13,282	15,326	14,577	11,210
60	2,225	1,748	1,060	1,535	1,238	1,238	1,606	1,706	1,469	2,005	1,911	1,237
61	643	426	495	291	327	299	425	514	479	575	410	346
62	2,570,161	1,988,936	2,011,948	1,413,712	1,756,706	1,690,440	1,751,058	1,802,770	1,775,735	2,113,170	2,006,150	1,510,404
63	550	152	427	51	248	303	188	521	473	1,070	785	126
64	489	137	361	43	201	272	125	399	434	937	728	108
65	51	14	58	7	44	25	55	96	23	107	52	13
66	10	1	8	1	3	6	8	26	16	26	5	5
67	84,059	21,090	60,220	6,225	32,470	40,803	22,419	64,284	64,314	162,216	110,292	14,730
68	8	3	4	6	8	5	7	22	9	11	1	1
69	2,225	1,110	155	1,035	1,265	975	1,520	3,795	785	3,085	1,806	500
70	115,164	86,340	51,678	59,188	79,542	69,896	69,693	45,470	89,832	103,180	153,612	53,187
71	66,964	30,669	34,076	49,314	49,314	40,144	40,565	27,750	49,438	60,074	75,477	34,304
72	48,200	37,161	21,009	25,112	30,228	29,752	29,752	17,720	40,394	43,100	78,135	18,883
73	1,148,771	796,678	542,858	577,842	733,442	663,138	668,293	451,017	802,408	972,254	1,182,633	584,871
74	8,724	6,567	2,470	4,884	8,097	4,261	5,590	3,959	4,021	14,745	22,764	5,793
75	5,591	4,361	1,671	3,244	5,127	2,631	3,748	2,463	2,822	9,014	15,145	3,702
76	3,133	2,206	799	1,640	2,970	1,630	1,842	1,496	1,199	5,731	8,619	2,091
77	42,901	35,732	10,487	21,748	40,925	22,556	30,379	22,595	22,098	73,274	123,781	31,736
78	86	30	74	6	40	88	254	171	36	123	135	106
79	194	86	301	26	153	316	1,218	499	89	359	425	354
80	284,945	246,532	305,913	234,612	264,664	206,079	283,881	205,898	292,408	221,070	272,249	194,596
81	147,145	127,905	150,287	118,123	149,376	96,747	148,232	107,557	135,680	115,415	144,777	109,782
82	2,281	1,707	2,035	1,688	1,631	1,104	1,904	1,190	1,218	1,699	2,948	1,391
83	6,967	5,329	6,448	5,590	5,009	3,288	6,120	3,625	3,585	5,266	9,556	4,988

* Includes \$14,400 for "all other animals," as follows: Deer, \$200; buffaloes, \$12,200; and elk, \$2,000.

TABLE 1.—FARMS AND FARM PROPERTY.

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

	Cherokee.	Chickasaw.	Clarke.	Clay.	Clayton.	Clinton.	Crawford.	Dallas.
1 Population.....	16,741	15,375	10,736	12,760	25,576	45,304	20,041	23,628
2 <i>Population in 1900.....</i>	<i>16,570</i>	<i>17,037</i>	<i>13,440</i>	<i>13,401</i>	<i>27,750</i>	<i>43,332</i>	<i>21,685</i>	<i>23,068</i>
3 Number of all farms.....	1,901	2,012	1,556	1,088	3,040	2,844	2,361	2,446
4 <i>Number of all farms in 1900.....</i>	<i>1,903</i>	<i>2,197</i>	<i>1,714</i>	<i>1,684</i>	<i>3,313</i>	<i>2,786</i>	<i>2,649</i>	<i>2,807</i>
5 Color and nativity of farmers:								
6 Native white.....	1,408	1,523	1,510	1,161	2,336	1,835	1,376	2,269
7 Foreign-born white.....	493	489	43	507	713	1,000	985	177
8 Negro and other nonwhite.....			3					
9 Number of farms, classified by size:								
10 Under 3 acres.....	1	1	1	1	7	30		3
11 3 to 9 acres.....	39	60	27	32	71	162	24	102
12 10 to 19 acres.....	25	45	28	26	74	99	17	62
13 20 to 49 acres.....	58	124	97	43	250	175	60	182
14 50 to 99 acres.....	192	337	283	187	560	470	299	525
15 100 to 174 acres.....	737	800	502	646	1,076	1,021	979	894
16 175 to 259 acres.....	478	392	279	345	657	574	503	395
17 260 to 499 acres.....	344	237	210	341	330	302	379	253
18 500 to 999 acres.....	25	10	38	46	23	10	38	26
19 1,000 acres and over.....	2		1	1	1	2	2	1
LAND AND FARM AREA								
20 Approximate land area..... acres.....	366,654	318,240	274,010	360,658	487,743	442,481	457,688	376,813
21 Land in farms..... acres.....	361,435	307,522	260,944	335,012	461,417	423,409	439,451	356,181
22 <i>Land in farms in 1900.....</i>	<i>354,643</i>	<i>311,808</i>	<i>269,401</i>	<i>344,060</i>	<i>459,808</i>	<i>423,261</i>	<i>448,956</i>	<i>359,880</i>
23 Improved land in farms..... acres.....	327,047	259,213	209,433	313,322	328,511	372,016	415,307	304,173
24 <i>Improved land in farms in 1900.....</i>	<i>325,683</i>	<i>266,630</i>	<i>197,318</i>	<i>324,815</i>	<i>314,776</i>	<i>333,569</i>	<i>416,917</i>	<i>307,221</i>
25 Woodland in farms..... acres.....	11,123	10,008	20,923	7,734	96,191	25,406	12,346	29,052
26 Other unimproved land in farms..... acres.....	23,280	31,701	30,538	14,796	36,715	25,057	11,799	22,956
27 Per cent of land area in farms.....	98.6	96.6	95.2	93.1	94.6	95.7	96.0	94.5
28 Per cent of farm land improved.....	90.5	84.3	80.3	93.3	71.2	88.1	94.5	85.4
29 Average acres per farm.....	190.1	152.8	167.7	201.4	151.3	148.9	186.1	145.6
30 Average improved acres per farm.....	172.0	128.3	134.6	187.9	107.7	131.1	175.9	124.4
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	46,720,008	26,555,104	21,833,423	30,715,867	37,651,066	51,708,488	52,503,943	45,819,944
32 <i>All farm property in 1900.....</i>	<i>10,335,614</i>	<i>16,765,216</i>	<i>10,383,033</i>	<i>16,130,258</i>	<i>21,903,223</i>	<i>23,600,135</i>	<i>23,084,455</i>	<i>20,475,559</i>
33 Per cent increase, 1900-1910.....	142.9	58.4	100.6	90.4	71.9	80.4	127.4	123.8
34 Land..... dollars.....	36,405,512	18,285,873	10,070,452	23,304,306	25,110,431	36,728,066	40,201,480	35,542,623
35 <i>Land in 1900.....</i>	<i>15,541,530</i>	<i>11,594,740</i>	<i>7,151,900</i>	<i>11,440,140</i>	<i>15,826,980</i>	<i>10,683,080</i>	<i>16,866,780</i>	<i>14,124,010</i>
36 Buildings..... dollars.....	4,611,012	4,184,302	2,420,593	3,448,984	6,350,883	8,004,621	5,641,933	4,675,550
37 <i>Buildings in 1900.....</i>	<i>2,228,410</i>	<i>2,330,060</i>	<i>1,248,980</i>	<i>1,750,260</i>	<i>3,065,540</i>	<i>4,235,110</i>	<i>3,049,900</i>	<i>2,506,300</i>
38 Implements and machinery..... dollars.....	1,157,338	822,003	470,940	807,058	1,461,001	1,336,437	1,281,643	988,785
39 <i>Implements, etc., in 1900.....</i>	<i>573,840</i>	<i>589,890</i>	<i>318,700</i>	<i>588,730</i>	<i>893,360</i>	<i>822,330</i>	<i>779,680</i>	<i>566,680</i>
40 Domestic animals, poultry, and bees..... dollars.....	4,495,126	3,261,936	2,871,426	3,155,509	4,710,960	5,699,364	5,470,602	4,612,986
41 <i>Domestic animals, etc., in 1900.....</i>	<i>3,051,784</i>	<i>2,251,338</i>	<i>2,133,588</i>	<i>2,413,032</i>	<i>3,217,318</i>	<i>3,050,715</i>	<i>3,088,815</i>	<i>3,279,338</i>
42 Per cent of value of all property in—								
43 Land.....	78.0	68.0	73.6	75.9	66.7	70.9	76.6	77.6
44 Buildings.....	9.9	15.8	11.1	11.2	16.9	15.5	10.6	10.2
45 Implements and machinery.....	2.5	3.1	2.2	2.6	3.9	2.6	2.4	2.2
46 Domestic animals, poultry, and bees.....	9.6	12.3	13.2	10.3	12.5	11.0	10.4	10.1
47 Average values:								
48 All property per farm..... dollars.....	24,581	13,198	14,032	18,415	12,340	18,203	22,238	18,733
49 Land and buildings per farm..... dollars.....	21,008	11,168	11,884	16,080	10,324	15,720	19,374	16,442
50 Land per acre..... dollars.....	100.89	59.46	61.50	60.38	84.44	86.73	91.48	98.79
51 <i>Land per acre in 1900.....</i>	<i>37.63</i>	<i>37.22</i>	<i>27.43</i>	<i>33.16</i>	<i>30.07</i>	<i>40.36</i>	<i>33.03</i>	<i>39.31</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	1,807	1,991	1,536	1,637	3,004	2,774	2,333	2,407
53 Value of domestic animals..... dollars.....	4,392,264	3,149,030	2,785,508	3,004,166	4,536,840	5,521,555	5,341,093	4,459,451
54 Cattle:								
55 Total number.....	47,133	49,613	30,633	42,133	67,634	71,122	62,309	42,281
56 Dairy cows.....	10,328	20,255	7,640	13,076	20,731	23,550	15,132	12,678
57 Other cows.....	8,217	4,076	4,712	6,006	6,006	8,238	10,340	4,610
58 Yearling heifers.....	5,611	6,334	3,259	5,935	9,042	8,058	8,379	4,438
59 Calves.....	4,878	7,932	3,250	5,188	9,607	9,598	7,961	4,402
60 Yearling steers and bulls.....	6,031	5,433	4,369	5,435	7,123	8,080	6,906	4,621
61 Other steers and bulls.....	12,008	4,133	7,412	5,043	5,465	12,098	11,390	11,232
62 Value..... dollars.....	1,334,598	1,107,004	907,005	1,020,009	1,002,944	1,900,470	1,705,161	1,317,484
63 Horses:								
64 Total number.....	15,304	12,422	11,707	12,426	17,384	19,251	18,098	17,277
65 Mature horses.....	13,305	10,694	9,833	10,707	14,902	16,041	15,535	14,949
66 Yearling colts.....	1,537	1,489	1,489	1,180	2,108	2,063	1,832	1,737
67 Spring colts.....	482	259	355	449	374	547	641	571
68 Value..... dollars.....	1,953,067	1,489,336	1,442,577	1,429,490	1,930,796	2,400,900	2,142,821	2,202,302
69 Mules:								
70 Total number.....	400	25	553	166	97	238	745	689
71 Mature mules.....	334	23	404	156	87	225	602	605
72 Yearling colts.....	59	2	82	8	7	12	43	64
73 Spring colts.....	7		12	3	3	1	10	20
74 Value..... dollars.....	62,914	3,480	71,302	22,435	11,444	33,430	108,085	106,133
75 Asses and burros:								
76 Number.....	5	14	24	10	16	6	0	0
77 Value..... dollars.....	3,251	1,428	3,402	1,690	975	200	1,180	0
78 Swine:								
79 Total number.....	97,661	53,243	33,170	54,081	120,227	134,793	162,080	79,218
80 Mature hogs.....	55,528	33,655	22,395	29,910	49,085	69,756	86,076	48,527
81 Spring pigs.....	42,133	19,588	10,775	24,172	71,142	65,037	76,004	30,691
82 Value..... dollars.....	952,533	510,307	329,374	527,649	890,115	1,097,707	1,357,851	807,002
83 Sheep:								
84 Total number.....	6,075	5,652	5,679	12,149	19,221	5,700	5,349	5,245
85 Rams, ewes, and wethers.....	3,878	3,846	3,741	8,331	12,403	3,652	3,691	3,217
86 Spring lambs.....	2,197	1,806	1,938	3,818	6,818	2,138	1,652	2,023
87 Value..... dollars.....	35,780	28,463	30,625	53,153	91,031	27,338	24,402	25,579
88 Goats:								
89 Number.....	42	48	91	21	197	479	163	253
90 Value..... dollars.....	131	112	263	80	544	1,460	603	731
POULTRY AND BEES								
91 Number of poultry of all kinds.....	206,024	224,634	146,542	167,166	330,777	310,016	310,843	278,016
92 Value..... dollars.....	98,257	109,016	81,926	87,062	163,458	163,001	133,167	147,841
93 Number of colonies of bees.....	1,332	1,065	1,440	1,025	3,079	4,139	1,799	1,799
94 Value..... dollars.....	4,605	3,290	3,902	4,231	10,354	13,008	5,342	5,694

¹ See explanation of 1900 figures at close of text.

STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910—Continued.

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

	Davis.	Decatur.	Delaware.	Des Moines.	Dickinson.	Dubuque.	Emmet.	Fayette.	Floyd.	Franklin.	Fremont.	Greene.
1	13,315	16,347	17,888	36,145	8,137	57,450	9,816	27,919	17,119	14,780	15,623	16,023
2	16,680	18,116	19,185	36,989	7,995	59,403	9,936	29,845	17,754	14,396	18,546	17,380
3	2,238	2,165	2,208	1,995	985	2,403	1,047	3,124	1,907	1,915	2,050	2,151
4	2,553	2,508	2,241	2,189	995	2,485	1,056	3,261	2,054	1,874	2,294	2,314
5	2,148	2,079	1,710	1,553	745	1,792	656	2,465	1,485	1,199	1,927	1,843
6	89	85	498	442	238	611	391	643	422	716	1,119	307
7	1	1			2			16			4	1
8	1	7	3	6	1	13	2		8		6	2
9	51	65	69	92	10	118	31	4	71	1	7	50
10	53	64	55	80	11	87	16	102	51	33	44	43
11	238	210	118	229	43	229	20	244	105	61	192	123
12	540	495	327	510	70	367	112	584	294	233	510	308
13	602	718	909	651	372	759	380	1,218	762	782	662	874
14	323	348	461	208	203	510	184	577	379	434	298	434
15	206	212	142	142	241	296	264	281	226	307	195	295
16	20	43	29	15	34	21	84	12	9	30	30	21
17	4	3		2		3	4	2	2	4	6	1
18	320,657	341,331	365,288	261,551	240,779	384,727	251,382	463,046	316,947	370,196	324,534	367,234
19	311,422	319,080	350,223	249,983	208,321	369,390	224,064	447,459	298,544	356,333	299,977	367,906
20	918,392	968,078	955,619	820,672	821,970	967,803	836,580	1,118,118	905,845	982,601	922,968	968,185
21	249,710	257,933	298,986	190,429	186,167	272,010	181,179	305,904	266,474	318,812	267,488	313,347
22	245,558	255,667	298,986	193,332	188,812	269,755	208,877	368,313	273,541	326,111	267,577	329,617
23	49,555	36,704	28,163	32,784	4,453	56,392	4,474	36,339	14,503	7,167	18,271	11,575
24	18,157	24,402	23,074	26,770	17,701	37,988	38,401	45,216	17,567	35,854	11,218	32,984
25	97.1	93.5	95.9	95.6	86.5	95.2	89.1	96.6	94.2	96.4	91.5	97.5
26	78.3	80.8	85.4	76.2	89.4	74.2	80.9	81.8	89.3	87.9	90.1	87.5
27	139.2	147.4	158.6	125.3	211.5	162.5	214.0	143.2	156.6	186.3	144.9	166.4
28	108.9	119.2	135.4	95.5	189.0	113.2	173.0	117.1	139.7	163.9	180.5	145.7
29	22,592,382	24,776,661	35,851,459	30,411,833	16,635,744	33,745,193	17,627,234	40,477,610	29,617,840	35,916,846	37,608,561	42,732,047
30	12,145,644	13,035,781	21,524,763	14,730,463	8,688,199	20,941,859	9,492,004	23,537,278	16,753,072	19,187,673	17,854,911	18,638,334
31	86.0	90.1	66.6	105.8	91.5	61.1	85.7	73.1	77.0	87.2	110.6	129.5
32	15,571,749	17,501,533	24,553,052	22,288,233	12,745,471	22,683,258	13,483,222	27,038,317	21,525,752	26,822,871	29,836,706	33,634,900
33	7,762,480	8,537,380	14,607,900	9,875,800	6,245,080	15,851,470	6,859,570	16,210,420	11,535,580	18,875,480	12,791,750	15,018,450
34	2,982,619	3,394,072	5,718,555	4,210,341	1,757,410	5,908,080	1,923,274	6,835,725	4,097,152	4,268,055	3,643,487	4,198,801
35	1,724,080	1,676,180	3,123,380	2,475,830	970,890	3,538,240	979,200	3,756,280	2,384,080	2,085,880	1,998,880	2,188,710
36	624,210	670,953	1,162,937	443,609	1,138,688	462,651	1,470,597	1,470,597	930,821	1,024,122	662,417	1,028,373
37	399,310	408,800	754,960	490,030	589,660	779,230	512,080	828,120	614,370	684,600	420,820	524,070
38	3,413,804	3,210,103	4,416,915	2,919,696	1,689,254	4,015,167	1,758,087	5,132,971	3,064,115	3,801,798	3,435,951	3,919,913
39	2,260,264	2,417,731	3,038,223	1,939,403	1,145,266	2,894,899	1,341,214	3,592,448	2,201,382	2,723,713	2,948,021	2,849,654
40	68.9	70.6	68.5	73.3	76.6	67.2	76.5	66.8	72.7	74.7	79.3	75.6
41	13.2	13.7	16.0	13.8	10.6	17.5	10.9	16.9	13.8	11.9	9.7	9.8
42	2.8	2.7	3.2	3.3	2.7	3.4	2.6	3.6	3.1	2.9	1.8	2.4
43	15.1	13.0	12.3	9.6	10.2	11.9	10.0	12.7	10.3	10.6	9.1	9.2
44	10,095	11,444	16,237	15,244	16,889	14,043	16,836	12,957	15,531	18,756	18,346	19,889
45	8,291	9,652	13,710	13,282	14,724	11,898	14,715	10,843	13,436	16,235	16,332	17,589
46	50.00	54.85	70.11	89.16	61.18	61.91	60.18	60.43	72.10	75.17	100.47	93.98
47	24.38	26.18	41.08	39.41	22.15	37.94	22.99	34.17	37.06	38.26	38.89	36.66
48	2,196	2,129	2,186	1,949	968	2,343	1,026	3,064	1,852	1,896	2,012	2,121
49	3,275,630	3,085,088	4,283,907	2,805,441	1,641,994	3,891,459	1,703,983	4,932,243	2,947,293	3,669,056	3,248,320	3,779,025
50	33,229	32,469	58,468	27,217	23,889	52,229	25,731	76,464	39,053	50,230	25,660	37,926
51	11,237	10,139	27,281	8,471	8,215	23,265	9,214	31,543	13,169	16,299	6,490	11,654
52	3,801	4,032	5,423	3,872	3,365	4,677	3,554	6,881	4,552	5,343	3,790	6,039
53	4,024	3,388	7,257	3,015	3,095	6,553	3,274	9,833	5,067	6,394	2,713	5,067
54	3,733	3,618	8,989	3,185	3,144	7,298	3,559	10,908	5,785	6,785	2,734	4,506
55	4,397	4,370	6,116	2,830	2,914	5,652	2,626	8,562	5,094	6,135	3,213	5,126
56	6,037	6,922	4,402	5,844	3,156	4,784	3,504	8,737	5,406	9,274	6,720	5,534
57	957,297	906,318	1,501,363	847,757	550,953	1,375,915	588,083	1,833,014	969,473	1,186,113	871,116	975,533
58	12,747	14,231	14,494	12,299	7,081	13,922	7,527	18,070	11,864	14,886	12,481	16,621
59	11,087	12,045	12,631	10,895	6,220	12,128	6,496	15,749	10,381	12,800	10,858	14,320
60	1,520	1,839	1,610	1,093	639	1,668	779	1,957	1,173	1,549	1,211	1,830
61	100	347	283	311	222	126	252	364	310	537	412	471
62	1,540,985	1,646,801	1,795,816	1,374,380	780,066	1,725,113	818,604	2,208,335	1,411,304	1,702,333	1,495,311	2,082,182
63	773	894	175	433	129	53	111	244	79	188	2,078	462
64	609	655	155	385	97	53	91	221	75	147	1,779	380
65	158	215	19	41	30		11	20	3	28	209	71
66	6	24	1	7	2		9	3	-1	3	90	29
67	94,082	113,310	22,272	55,045	14,084	6,450	12,790	32,840	9,305	21,712	304,445	64,289
68	24	21	9	11	6	8	2	8	3	3	31	10
69	5,400	4,304	1,315	4,625	280	900	530	130	355	30	9,140	1,518
70	35,400	38,348	101,421	60,472	23,476	87,658	23,348	79,549	48,231	67,349	70,658	61,354
71	28,529	24,479	54,816	32,666	14,108	45,499	15,397	46,503	30,368	42,804	40,983	40,041
72	11,871	13,869	46,905	27,806	9,368	42,159	7,951	33,046	17,863	24,545	29,690	21,313
73	310,667	330,074	910,208	498,153	249,149	734,181	252,703	793,902	508,860	716,479	660,199	641,542
74	81,925	14,878	9,959	5,258	9,038	9,958	5,941	12,818	9,803	7,582	1,854	2,929
75	62,997	9,661	6,130	3,384	5,871	6,401	4,022	8,471	6,477	5,530	1,318	2,019
76	18,928	5,217	3,829	1,874	3,657	4,347	1,919	4,347	3,326	2,052	636	910
77	367,024	74,704	52,590	23,041	47,395	48,813	31,255	63,897	47,946	41,467	7,856	13,679
78	99	198	63	485	19	23	5	42	16	246	65	82
79	175	577	343	1,540	67	87	18	125	50	922	263	282
80	217,939	209,135	218,667	209,563	92,283	235,438	104,680	344,385	216,959	256,735	163,774	254,985
81	129,272	119,822	125,339	111,807	45,871	116,528	52,492	192,182	113,678	128,600	84,935	137,347
82	3,086	1,968	1,771	1,309	377	1,721	428	2,615	1,037	1,200	792	1,162
83	8,302	5,193	7,619	2,948	1,389	7,180	1,612	8,546	3,144	4,142	2,646	3,551

TABLE 1.—FARMS AND FARM PROPERTY.

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

	Grundy.	Guthrie.	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.
1 Population.	13,574	17,374	19,242	12,731	20,021	23,162	18,640	12,020
2 <i>Population in 1900.</i>	15,757	18,780	19,514	13,752	22,794	26,697	20,022	14,519
3 Number of all farms.	1,704	2,330	2,219	1,636	2,235	2,914	2,145	1,650
4 <i>Number of all farms in 1900.</i>	1,783	2,402	2,245	1,703	2,294	3,224	2,252	1,702
Color and nativity of farmers:								
5 Native white.....	1,092	2,121	1,386	929	1,610	2,504	1,901	1,137
6 Foreign-born white.....	672	209	833	705	625	410	241	613
7 Negro and other nonwhite.....				2			3	
Number of farms, classified by size:								
8 Under 3 acres.....	2		3		4	5	5	3
9 3 to 9 acres.....	40	58	49	33	71	75	143	143
10 10 to 19 acres.....	22	48	60	23	73	50	71	36
11 20 to 49 acres.....	64	180	115	39	135	300	189	52
12 50 to 99 acres.....	183	507	348	153	310	692	593	57
13 100 to 174 acres.....	725	885	930	637	907	1,074	694	223
14 175 to 259 acres.....	455	399	421	313	459	432	297	665
15 260 to 499 acres.....	255	207	272	393	260	237	135	340
16 500 to 999 acres.....	17	37	11	30	19	39	16	259
17 1,000 acres and over.....	1	3	1	2	1	4	2	15
LAND AND FARM AREA								
18 Approximate land area..... acres.....	320,748	380,807	304,964	304,408	303,614	442,377	273,198	299,785
19 Land in farms..... acres.....	318,280	354,200	357,803	340,298	351,784	408,097	263,749	285,493
20 <i>Land in farms in 1900.</i> acres.....	316,912	357,076	364,042	349,342	351,046	422,749	271,688	291,263
21 Improved land in farms..... acres.....	301,108	295,710	315,343	311,300	314,787	346,133	200,182	252,773
22 <i>Improved land in farms in 1900.</i> acres.....	304,421	304,646	323,308	322,033	305,871	352,308	215,464	257,622
23 Woodland in farms..... acres.....	3,720	20,664	10,709	4,613	17,502	33,449	29,204	14,177
24 Other unimproved land in farms..... acres.....	13,452	31,826	31,761	24,205	10,405	28,510	25,363	18,452
25 Per cent of land area in farms.....	99.2	93.0	98.0	93.4	96.7	92.3	96.5	95.2
26 Per cent of farm land improved.....	94.0	83.5	88.1	91.5	89.5	84.8	79.3	88.6
27 Average acres per farm.....	180.4	162.0	161.2	208.0	157.4	140.0	123.0	173.0
28 Average improved acres per farm.....	170.7	126.9	142.1	190.3	140.8	118.8	97.5	153.2
VALUE OF FARM PROPERTY								
29 All farm property..... dollars.....	46,721,411	38,092,711	43,330,235	27,997,606	43,220,085	42,407,667	36,647,677	23,360,105
30 <i>All farm property in 1900.</i> dollars.....	21,319,200	16,830,445	16,610,528	16,736,671	19,201,677	16,042,290	16,070,293	14,267,539
31 Per cent increase, 1900-1910.....	119.2	131.0	129.2	77.9	125.1	122.7	128.0	63.7
32 Land..... dollars.....	37,354,730	29,774,932	33,805,775	20,885,061	33,196,845	31,865,394	27,436,176	16,337,731
33 <i>Land in 1900.</i> dollars.....	15,614,830	11,201,840	13,245,110	11,307,060	13,272,860	12,550,850	10,733,740	9,300,160
34 Buildings..... dollars.....	4,240,340	4,184,895	4,577,891	3,336,212	5,030,805	4,827,528	4,787,866	3,528,610
35 <i>Buildings in 1900.</i> dollars.....	2,337,580	2,085,780	2,364,880	1,735,930	2,471,260	2,481,580	2,506,750	1,971,910
36 Implements and machinery..... dollars.....	1,001,033	885,123	1,073,276	844,850	1,072,868	1,092,822	815,231	757,038
37 <i>Implements, etc., in 1900.</i> dollars.....	615,590	512,760	605,090	466,780	604,290	655,470	461,080	507,680
38 Domestic animals, poultry, and bees..... dollars.....	4,005,258	4,147,761	3,882,293	2,881,483	3,910,567	4,621,923	3,008,404	2,736,676
39 <i>Domestic animals, etc., in 1900.</i> dollars.....	2,751,280	3,096,152	2,704,212	2,068,541	2,852,677	3,374,520	2,572,222	1,987,249
Per cent of value of all property in—								
40 Land.....	80.0	76.4	78.0	74.0	76.8	75.1	74.9	69.9
41 Buildings.....	9.1	10.7	10.0	12.1	11.7	11.4	13.1	15.1
42 Implements and machinery.....	2.3	2.3	2.5	3.0	2.5	2.6	2.2	3.2
43 Domestic animals, poultry, and bees.....	8.7	10.6	0.0	10.3	0.0	10.9	0.8	11.7
Average values:								
44 All property per farm..... dollars.....	26,480	16,735	19,631	17,113	19,338	14,553	17,085	14,158
45 Land and buildings per farm..... dollars.....	23,580	14,575	17,298	14,836	17,108	12,592	15,023	12,040
46 Land per acre..... dollars.....	117.36	84.00	94.48	61.87	94.37	78.08	104.02	57.24
47 <i>Land per acre in 1900.</i> dollars.....	49.27	31.37	36.38	32.54	37.81	29.04	39.50	33.65
DOMESTIC ANIMALS (farms and ranges)								
48 Farms reporting domestic animals.....	1,745	2,294	2,180	1,602	2,208	2,819	2,103	1,614
49 Value of domestic animals..... dollars.....	3,932,817	4,015,070	3,723,909	2,779,501	3,757,466	4,470,063	3,460,056	2,943,263
Cattle:								
50 Total number.....	48,236	51,139	40,885	39,401	45,467	41,269	29,050	43,064
51 Dairy cows.....	13,982	13,008	14,403	15,069	15,650	13,254	8,116	15,687
52 Other cows.....	6,245	6,488	4,406	3,871	6,008	6,173	3,711	5,189
53 Yearling heifers.....	5,647	6,323	5,379	5,204	5,853	5,222	3,183	5,685
54 Calves.....	6,686	7,035	5,507	5,981	6,475	5,659	3,277	6,481
55 Yearling steers and bulls.....	5,048	7,045	4,926	4,409	6,488	4,691	3,270	5,268
56 Other steers and bulls.....	9,728	8,310	6,374	4,807	6,184	6,270	7,504	6,724
57 Value..... dollars.....	1,254,905	1,341,321	1,050,508	889,148	1,095,846	1,156,193	937,805	976,605
Horses:								
58 Total number.....	14,549	16,830	16,808	11,882	15,671	10,836	14,416	9,897
59 Mature horses.....	12,563	14,424	14,880	10,411	13,638	15,026	12,514	8,705
60 Yearling colts.....	1,400	1,743	1,609	1,116	1,609	1,346	1,521	1,069
61 Spring colts.....	526	659	480	355	467	470	14	123
62 Value..... dollars.....	1,806,137	1,830,076	1,973,685	1,384,071	1,763,480	1,965,507	1,750,393	1,171,600
Mules:								
63 Total number.....	204	585	405	227	436	1,399	562	72
64 Mature mules.....	273	608	324	185	377	1,233	460	66
65 Yearling colts.....	20	62	66	38	40	130	83	5
66 Spring colts.....	1	15	15	4	13	36	14	1
67 Value..... dollars.....	44,941	82,486	53,012	28,083	62,004	198,556	76,696	8,560
Asses and burros:								
68 Number.....	6	17	10	4	8	86	14	4
69 Value..... dollars.....	225	3,085	1,880	270	1,760	6,581	2,210	2,000
Swine:								
70 Total number.....	81,705	74,308	54,094	43,747	72,807	112,295	57,816	41,128
71 Mature hogs.....	45,262	46,202	34,385	27,008	65,183	95,873	30,895	26,983
72 Spring pigs.....	36,473	28,046	19,709	16,679	30,624	46,722	26,421	14,135
73 Value..... dollars.....	789,919	719,401	600,213	451,731	788,061	1,106,139	495,156	428,094
Sheep:								
74 Total number.....	6,636	7,054	6,690	5,400	7,304	7,211	38,670	11,619
75 Rams, ewes, and wethers.....	4,061	4,590	4,168	3,508	4,884	5,056	24,382	7,670
76 Spring lambs.....	2,575	2,468	2,522	1,892	2,420	2,155	14,288	3,949
77 Value..... dollars.....	36,508	35,863	35,275	25,448	46,019	38,432	190,355	56,356
Goats:								
78 Number.....	15	1,090	88	42	70	100	678	33
79 Value..... dollars.....	122	3,438	336	150	236	255	1,846	68
POULTRY AND BEES								
80 Number of poultry of all kinds.....	248,874	230,945	269,161	202,760	293,431	291,495	249,212	166,426
81 Value..... dollars.....	129,582	128,084	153,896	90,349	147,338	140,678	143,328	90,135
82 Number of colonies of bees.....	874	1,104	1,593	725	1,490	1,473	1,806	924
83 Value..... dollars.....	2,859	3,407	4,548	2,633	5,763	4,582	4,420	3,278

¹ Includes \$14,400 for "all other animals," as follows: Deer, \$200; buffaloes, \$12,200; and elk, \$2,000.

STATISTICS OF AGRICULTURE.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Humboldt.	Ida.	Iowa.	Jackson.	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.	Kossuth.	Lee.	Linn.
1	12,182	11,290	18,409	21,258	27,034	15,951	25,914	19,050	21,160	21,971	36,702	60,720
2	18,667	18,327	19,544	23,615	26,976	17,457	24,817	21,954	24,978	22,720	39,749	55,398
3	1,476	1,474	2,309	2,400	3,272	2,020	2,053	2,110	2,770	2,056	2,360	3,619
4	1,478	1,493	2,464	2,637	5,520	2,026	2,712	2,573	2,807	2,807	2,549	5,567
5	907	802	1,868	1,850	2,781	1,784	2,142	1,551	2,539	1,029	2,023	2,981
6	508	582	441	550	490	235	511	559	231	1,026	305	636
7					1						32	2
8	2	1	6	18	3	5	4	1	8	1	5	11
9	55	27	109	79	155	87	87	38	95	52	83	214
10	32	17	38	69	100	66	75	59	86	31	107	239
11	41	37	147	190	337	203	199	139	290	51	256	364
12	156	206	413	383	703	498	663	368	711	184	539	819
13	506	613	915	770	1,164	692	1,018	750	944	1,076	744	1,232
14	340	310	451	534	499	318	449	465	408	576	351	473
15	268	246	208	320	300	134	244	264	213	607	196	236
16	16	16	15	33	37	14	20	24	12	74	28	9
17		1	7	4	4	3		2	3	4	2	2
18	276,105	275,094	373,071	404,352	466,910	275,569	390,542	364,242	369,694	622,535	327,229	453,682
19	209,116	270,092	360,024	389,773	453,901	263,260	378,334	341,433	357,571	566,404	310,680	431,055
20	274,613	270,415	368,779	394,420	464,105	263,260	378,334	341,433	357,571	566,404	310,680	431,055
21	242,327	264,000	309,215	271,379	409,931	213,747	324,157	281,916	304,094	492,571	215,691	357,792
22	253,188	260,558	312,378	271,742	423,323	211,089	319,264	289,431	300,875	539,818	216,734	351,898
23	5,778	1,959	37,841	83,603	27,847	26,549	30,859	41,485	40,019	9,120	62,511	37,008
24	21,011	4,133	12,968	34,701	10,123	22,064	14,318	18,032	13,458	64,713	32,518	30,255
25	97.5	98.2	96.5	96.4	97.2	95.5	96.9	93.7	96.7	91.0	94.9	95.0
26	90.0	97.7	85.0	69.6	90.3	81.2	85.7	82.6	85.0	87.0	69.4	83.0
27	182.3	183.2	155.9	162.4	138.7	130.3	142.0	161.8	129.1	213.3	131.6	110.1
28	164.2	179.1	133.9	113.1	125.3	105.8	122.2	133.6	109.8	185.5	91.4	98.9
29	27,912,429	38,504,175	44,278,527	31,163,451	57,993,340	29,009,908	47,165,241	38,740,109	44,606,787	46,168,957	28,611,713	53,024,754
30	14,095,394	16,174,318	20,848,405	18,757,693	27,565,370	18,983,108	25,890,668	21,927,271	20,290,315	24,991,541	14,421,552	28,128,551
31	98.0	153.7	114.4	66.1	110.4	107.5	100.2	76.7	119.8	84.7	94.2	91.7
32	20,994,244	29,480,105	32,970,518	20,441,071	44,126,252	21,018,523	33,650,818	27,468,579	33,257,487	34,923,002	19,576,203	39,860,499
33	9,304,630	10,104,040	13,740,320	11,908,350	18,995,050	9,042,520	15,328,530	14,761,760	15,560,100	17,923,810	9,539,660	18,207,170
34	3,461,050	4,407,095	5,127,520	5,469,640	6,284,834	4,057,660	6,922,973	5,525,556	5,317,245	5,310,078	4,408,367	7,529,081
35	1,745,730	1,939,970	2,328,500	3,087,550	3,344,060	2,247,510	3,789,670	3,081,660	2,724,690	2,850,460	2,441,390	4,254,110
36	717,756	1,031,947	1,063,100	910,214	1,327,700	704,860	1,202,618	962,690	948,904	1,330,081	825,182	1,293,551
37	468,180	633,590	610,860	659,950	773,600	445,610	743,390	598,350	664,590	947,420	453,150	819,190
38	2,739,379	3,585,028	5,117,380	4,348,526	6,254,514	3,228,865	5,418,832	4,783,284	5,083,151	4,605,796	3,201,961	5,236,223
39	1,974,374	2,597,118	5,493,085	3,104,633	4,447,680	2,247,468	3,693,848	3,484,331	3,340,935	3,239,751	1,989,761	3,343,381
40	75.2	76.6	74.5	65.6	76.1	72.5	71.3	70.9	74.6	75.0	69.9	73.9
41	12.4	11.4	11.0	17.5	10.8	14.0	14.6	14.3	11.9	11.5	15.7	14.0
42	2.6	2.7	2.4	2.9	2.3	2.4	2.5	2.5	2.1	2.9	2.9	2.4
43	9.8	9.3	11.6	14.0	10.8	11.1	11.5	12.3	11.4	10.0	11.4	9.7
44	18,911	26,122	19,170	12,985	17,724	14,361	17,778	18,360	16,104	17,333	11,869	14,900
45	16,560	22,930	10,500	10,794	15,407	12,414	15,282	15,637	13,926	15,148	10,163	13,095
46	78.01	109.15	61.53	62.44	97.22	79.84	88.94	80.45	93.01	61.66	63.01	92.47
47	36.07	37.37	37.26	30.19	40.38	33.72	39.74	41.62	37.51	30.53	30.49	44.37
48	1,461	1,457	2,234	2,343	3,188	1,998	2,627	2,081	2,734	2,630	2,318	3,578
49	2,649,814	3,499,379	4,909,694	4,214,763	6,050,679	3,090,525	5,254,584	4,644,667	4,892,591	4,434,859	3,059,907	5,019,931
50	31,411	38,970	55,896	65,213	61,557	30,723	54,210	64,504	45,676	62,005	31,506	60,737
51	10,526	8,075	14,043	22,665	14,794	8,728	12,659	20,528	12,560	24,469	10,742	22,834
52	3,726	6,808	11,158	6,140	10,712	3,272	7,244	7,244	7,114	5,904	5,243	5,888
53	3,974	5,013	7,095	8,053	7,681	3,396	7,317	8,063	5,837	7,855	4,184	7,139
54	4,183	4,271	6,737	9,133	6,982	2,827	7,827	8,805	5,582	8,655	3,232	8,438
55	3,839	4,983	7,932	8,151	6,005	4,227	7,827	7,597	5,895	7,373	3,718	7,044
56	5,163	9,820	8,931	11,071	12,783	8,173	12,257	12,257	8,988	7,749	4,357	9,344
57	792,360	1,140,281	1,600,920	1,727,673	1,771,365	928,657	1,589,914	1,794,007	1,325,578	1,396,366	844,768	1,662,546
58	11,558	11,460	17,573	14,427	23,344	13,514	19,107	14,889	19,922	19,909	13,230	20,441
59	10,185	10,081	15,170	12,358	19,855	11,635	16,385	12,890	16,744	17,282	11,501	17,765
60	1,009	1,020	1,978	1,783	2,742	1,509	2,191	1,673	2,496	2,005	1,391	2,188
61	364	369	425	286	744	370	531	326	632	622	338	338
62	1,288,620	1,441,737	2,119,792	1,717,041	2,815,330	1,633,861	2,252,899	1,805,872	2,562,687	2,235,282	1,557,524	2,369,722
63	154	441	739	246	1,039	357	803	249	900	193	877	411
64	136	412	618	227	893	293	690	211	731	170	704	346
65	16	23	109	19	127	55	21	28	136	19	148	55
66	2	6	12	19	19	9	21	10	33	4	25	10
67	19,405	64,160	102,642	32,197	142,145	49,284	115,098	33,860	125,361	22,360	110,848	54,935
68	6	10	10	14	16	20	31	6	16	12	19	15
69	439	505	3,025	3,220	6,685	1,350	9,325	1,475	6,155	1,885	2,240	2,825
70	50,252	90,499	117,386	82,642	135,821	54,910	148,391	109,061	92,835	72,057	43,587	110,579
71	30,624	47,828	68,004	40,531	77,113	30,481	73,633	56,596	50,627	43,557	25,462	60,102
72	19,628	42,671	49,762	42,061	58,708	24,429	69,758	52,465	42,208	28,530	18,125	50,477
73	531,391	821,854	1,058,764	682,530	1,249,852	414,928	1,185,207	939,009	802,447	737,881	339,061	840,916
74	3,963	5,418	16,679	9,983	12,901	13,076	19,482	13,379	14,765	8,782	42,731	16,762
75	2,601	3,936	10,399	6,227	8,219	8,397	12,936	10,294	9,257	6,070	28,435	10,395
76	1,382	1,482	6,280	3,756	4,682	4,679	6,546	3,085	5,508	2,712	14,296	6,267
77	19,395	30,733	83,037	51,690	62,541	62,087	101,546	70,353	68,423	41,191	203,025	88,822
78		47	197	138	1,094	144	237	11	615	80	641	38
79	204	104	514	412	2,761	338	595	91	1,940	194	2,441	165
80	161,216	169,567	268,680	235,069	368,751	236,533	317,616	246,308	330,859	334,850	258,949	349,971
81	86,088	80,922	141,815	125,631	195,331	132,608	158,076	131,594	168,263	168,225	134,012	207,261
82	823	1,251	1,708	2,186	2,835	1,854	1,882	1,860	2,758	815	2,362	2,613
83	3,477	4,727	5,871	8,132	8,504	5,732	6,172	7,023	7,897	2,712	7,442	9,081

TABLE 1.—FARMS AND FARM PROPERTY,
Comparative data for June 1, 1900, in italics.]

	Louisa.	Lucas.	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.
1 Population.....	12,855	13,462	14,624	15,621	20,880	22,995	30,279	15,811
2 <i>Population in 1900.....</i>	<i>15,516</i>	<i>16,186</i>	<i>17,165</i>	<i>17,710</i>	<i>24,873</i>	<i>24,159</i>	<i>29,001</i>	<i>16,764</i>
3 Number of all farms.....	1,543	1,815	1,689	2,309	2,081	2,708	2,432	1,730
4 <i>Number of all farms in 1900.....</i>	<i>1,619</i>	<i>1,892</i>	<i>1,619</i>	<i>2,600</i>	<i>3,202</i>	<i>2,914</i>	<i>2,400</i>	<i>2,016</i>
5 Color and nativity of farmers:								
6 Native white.....	1,418	1,086	775	2,243	2,540	2,380	2,050	1,548
7 Foreign-born white.....	125	126	894	125	436	328	381	182
8 Negro and other nonwhite.....		3		1	5	2	1	
9 Number of farms, classified by size:								
10 Under 3 acres.....	1				2	2	1	1
11 3 to 9 acres.....	36	55	26	63	167	118	98	47
12 10 to 19 acres.....	48	62	18	54	150	104	99	46
13 20 to 49 acres.....	160	186	58	244	401	346	185	216
14 50 to 99 acres.....	324	420	98	553	717	693	423	386
15 100 to 174 acres.....	492	605	687	816	944	851	894	503
16 175 to 259 acres.....	294	255	313	366	370	377	475	300
17 260 to 499 acres.....	162	198	447	235	193	178	235	159
18 500 to 999 acres.....	20	32	26	25	19	36	22	29
19 1,000 acres and over.....	6		1	8		3		4
LAND AND FARM AREA								
20 Approximate land area..... acres..	253,190	270,531	372,543	360,503	363,650	300,440	365,779	280,041
21 Land in farms..... acres..	230,934	203,659	352,032	340,541	350,531	343,949	357,959	290,648
22 <i>Land in farms in 1900.....</i>	<i>237,978</i>	<i>203,074</i>	<i>355,301</i>	<i>354,216</i>	<i>358,250</i>	<i>351,103</i>	<i>360,232</i>	<i>278,816</i>
23 Improved land in farms..... acres..	190,885	200,050	323,033	287,017	308,932	290,519	331,162	237,453
24 <i>Improved land in farms in 1900.....</i>	<i>188,058</i>	<i>198,724</i>	<i>344,041</i>	<i>271,717</i>	<i>307,823</i>	<i>298,500</i>	<i>334,372</i>	<i>241,455</i>
25 Woodland in farms..... acres..	32,312	35,882	6,078	27,817	20,077	36,700	17,024	19,101
26 Other unimproved land in farms..... acres..	13,737	20,818	21,421	30,807	11,622	16,724	8,883	9,094
27 Per cent of land area in farms.....	93.6	95.3	94.5	96.1	96.4	95.4	97.9	93.1
28 Per cent of farm land improved.....	80.6	78.5	92.0	83.1	83.1	84.5	92.5	89.2
29 Average acres per farm.....	153.6	146.3	210.9	146.3	177.6	127.0	147.2	160.7
30 Average improved acres per farm.....	123.7	114.0	194.1	121.5	103.6	107.3	136.2	134.4
VALUE OF FARM PROPERTY								
31 All farm property..... dollars..	28,497,540	20,944,202	39,168,244	36,804,021	44,264,685	36,802,014	51,030,566	33,210,610
32 <i>All farm property in 1900.....</i>	<i>18,787,294</i>	<i>11,076,530</i>	<i>16,787,948</i>	<i>17,423,493</i>	<i>21,013,258</i>	<i>17,731,610</i>	<i>22,229,731</i>	<i>16,650,638</i>
33 Per cent increase, 1900-1910.....	123.9	148.1	148.1	111.8	102.0	107.0	96.5	96.5
34 Land..... dollars..	21,509,372	15,080,437	30,904,952	27,821,038	33,163,366	27,663,895	39,090,251	25,725,932
35 <i>Land in 1900.....</i>	<i>8,812,240</i>	<i>7,226,300</i>	<i>11,590,090</i>	<i>11,373,460</i>	<i>14,355,000</i>	<i>18,043,240</i>	<i>15,403,070</i>	<i>11,498,590</i>
36 Buildings..... dollars..	3,322,354	2,407,000	3,838,485	3,883,265	5,257,037	3,867,015	5,836,239	3,546,190
37 <i>Buildings in 1900.....</i>	<i>1,770,530</i>	<i>1,518,340</i>	<i>1,727,090</i>	<i>2,206,850</i>	<i>3,073,070</i>	<i>2,104,720</i>	<i>2,093,000</i>	<i>2,039,510</i>
38 Implements and machinery..... dollars..	637,012	531,737	985,357	816,548	950,275	781,445	1,262,184	685,868
39 <i>Implements, etc., in 1900.....</i>	<i>558,660</i>	<i>534,350</i>	<i>834,320</i>	<i>617,030</i>	<i>683,180</i>	<i>480,680</i>	<i>700,740</i>	<i>441,000</i>
40 Domestic animals, poultry, and bees..... dollars..	3,028,808	2,864,368	3,439,450	4,373,770	4,808,407	4,490,259	4,841,692	3,262,620
41 <i>Domestic animals, etc., in 1900.....</i>	<i>1,791,364</i>	<i>2,127,340</i>	<i>1,018,442</i>	<i>3,325,222</i>	<i>3,320,208</i>	<i>3,122,370</i>	<i>5,152,071</i>	<i>2,683,799</i>
42 Per cent of value of all property in—								
43 Land.....	75.5	72.0	78.0	75.4	74.9	75.2	76.6	77.5
44 Buildings.....	11.7	11.8	9.8	10.5	11.9	10.5	11.4	10.7
45 Implements and machinery.....	2.2	2.5	2.5	2.2	2.1	2.1	2.5	2.1
46 Domestic animals, poultry, and bees.....	10.6	13.7	8.8	11.9	11.1	12.2	9.5	9.8
47 Average values:								
48 All property per farm..... dollars..	18,469	11,540	23,468	15,574	14,840	13,590	20,983	19,197
49 Land and buildings per farm..... dollars..	10,093	9,068	20,817	13,353	12,689	11,644	18,473	16,920
50 Land per acre..... dollars..	90.78	57.20	87.79	80.28	94.61	80.43	105.20	98.70
51 <i>Land per acre in 1900.....</i>	<i>57.03</i>	<i>57.67</i>	<i>52.30</i>	<i>52.11</i>	<i>47.41</i>	<i>34.30</i>	<i>42.77</i>	<i>42.13</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	1,510	1,781	1,641	2,327	2,932	2,681	2,390	1,693
53 Value of domestic animals..... dollars..	2,038,113	2,750,583	3,346,409	4,224,727	4,714,272	4,910,713	4,722,528	3,176,688
54 Cattle:								
55 Total number.....	24,384	32,528	41,931	45,227	43,861	41,356	48,976	26,972
56 Dairy cows.....	6,615	9,056	13,121	10,909	13,497	11,193	13,745	6,122
57 Other cows.....	3,457	4,420	6,593	7,081	5,081	5,421	7,971	5,270
58 Yearling heifers.....	2,881	6,040	5,003	5,742	4,738	4,738	3,081	3,081
59 Calves.....	3,005	3,525	6,187	4,261	5,854	4,948	5,906	2,964
60 Yearling steers and bulls.....	3,337	4,654	5,400	5,590	5,428	5,417	6,024	3,409
61 Other steers and bulls.....	5,089	6,089	4,590	12,287	7,659	9,634	8,209	6,130
62 Value..... dollars..	783,871	901,670	1,000,465	1,343,373	1,223,447	1,175,728	1,357,020	896,998
63 Horses:								
64 Total number.....	11,750	11,150	13,881	16,533	19,014	17,870	18,180	11,160
65 Mature horses.....	10,003	9,467	11,752	14,347	16,274	15,277	15,610	9,824
66 Yearling colts.....	1,324	1,415	1,826	2,186	2,107	2,107	2,013	1,052
67 Spring colts.....	423	268	270	360	602	486	557	294
68 Value..... dollars..	1,452,573	1,833,010	1,559,208	1,958,200	2,343,244	2,208,379	2,250,287	1,424,993
69 Mules:								
70 Total number.....	348	798	119	893	1,087	885	567	1,161
71 Mature mules.....	270	653	114	755	879	721	490	946
72 Yearling colts.....	53	141		118	174	140	62	181
73 Spring colts.....	16	4	5	20	34	24	15	34
74 Value..... dollars..	45,322	104,200	16,015	128,845	140,620	118,455	88,533	167,159
75 Asses and burros:								
76 Number.....	18	11	1	37	16	7	12	15
77 Value..... dollars..	2,345	3,110	2	3,905	8,250	2,370	3,260	4,285
78 Swine:								
79 Total number.....	60,806	34,235	76,628	80,258	109,383	79,115	96,731	68,994
80 Mature hogs.....	39,984	22,207	35,928	52,350	56,380	46,088	54,308	40,069
81 Spring pigs.....	20,822	12,028	37,702	27,908	53,003	33,027	42,423	28,925
82 Value..... dollars..	621,010	310,402	733,063	737,213	867,185	682,670	954,677	661,939
83 Sheep:								
84 Total number.....	6,330	17,617	5,335	10,758	25,424	25,898	12,887	4,974
85 Rams, ewes, and wethers.....	3,857	12,651	3,433	7,036	18,538	19,668	8,292	3,273
86 Spring lambs.....	2,473	4,966	1,902	3,722	6,886	6,230	4,595	1,696
87 Value..... dollars..	31,008	93,000	27,997	40,757	121,907	128,277	68,451	20,931
88 Goats:								
89 Number.....	691	961	18	1,259	201	217	111	187
90 Value..... dollars..	1,084	2,002	59	3,434	559	834	300	381
POULTRY AND BEES								
91 Number of poultry of all kinds.....	153,304	180,935	190,085	251,934	310,155	320,608	243,985	146,439
92 Value..... dollars..	85,535	102,322	91,284	143,385	170,052	166,120	114,368	74,115
93 Number of colonies of bees.....	1,850	1,715	433	2,283	2,787	2,848	1,390	560
94 Value..... dollars..	5,100	5,493	1,757	5,658	9,083	7,426	4,996	1,819

* See explanation of 1900 figures at close of text.

STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910—Continued.

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

	Mitell.	Monona.	Monroe.	Montgomery.	Muscataine.	O'Brien.	Osceola.	Page.	Palo Alto.	Plymouth.	Pocahontas.	Polk.	Pottawattamie.
1													
2	13,435	16,633	25,429	16,604	29,505	17,262	8,956	24,002	13,845	23,129	14,808	110,438	55,832
3	<i>14,916</i>	<i>17,980</i>	<i>17,985</i>	<i>17,803</i>	<i>23,242</i>	<i>16,985</i>	<i>8,725</i>	<i>24,187</i>	<i>14,564</i>	<i>22,209</i>	<i>15,859</i>	<i>82,624</i>	<i>54,559</i>
4	1,729	2,229	1,917	1,766	1,820	1,826	1,068	2,341	1,607	2,704	1,932	3,229	3,935
5	<i>1,718</i>	<i>2,491</i>	<i>1,987</i>	<i>1,840</i>	<i>1,978</i>	<i>1,845</i>	<i>1,088</i>	<i>2,643</i>	<i>1,601</i>	<i>2,643</i>	<i>2,006</i>	<i>3,171</i>	<i>4,859</i>
6	1,278	1,602	1,605	1,293	1,472	1,126	634	1,972	1,045	1,729	1,225	2,805	2,891
7	450	627	269	472	344	700	434	364	562	975	707	421	1,042
8	1		43	1	4			5				3	2
9	6	1	2	1	7	2		4	2	1	4	17	9
10	74	31	65	71	43	50	12	83	23	39	45	367	186
11	65	28	82	49	52	22	11	65	14	31	21	251	159
12	118	136	235	123	169	47	17	198	38	67	61	488	382
13	189	472	484	374	438	186	57	538	168	221	237	656	719
14	631	805	581	627	612	749	419	872	616	1,073	838	888	1,292
15	382	371	254	308	313	392	230	363	380	702	385	364	711
16	243	303	194	192	166	364	296	195	331	518	309	182	440
17	20	69	18	20	20	13	26	19	31	28	28	13	34
18	1	13	2	1		1		4	4	1	3	3	3
19	296,273	439,138	276,210	271,239	276,166	363,860	253,048	339,954	359,335	547,667	368,652	372,745	602,824
20	<i>287,046</i>	<i>400,349</i>	<i>287,051</i>	<i>286,403</i>	<i>259,046</i>	<i>345,873</i>	<i>230,406</i>	<i>327,909</i>	<i>324,468</i>	<i>539,533</i>	<i>351,777</i>	<i>339,196</i>	<i>574,538</i>
21	233,600	330,780	232,299	232,027	204,121	300,025	240,876	338,152	342,508	641,997	369,455	1,870,252	1,690,280
22	261,723	321,055	193,860	252,784	212,277	325,974	227,992	310,520	289,037	611,114	306,378	290,533	528,107
23	<i>267,107</i>	<i>305,664</i>	<i>181,110</i>	<i>252,009</i>	<i>219,652</i>	<i>343,008</i>	<i>239,089</i>	<i>311,495</i>	<i>326,374</i>	<i>439,766</i>	<i>344,443</i>	<i>238,789</i>	<i>583,700</i>
24	14,108	26,906	48,685	8,531	27,964	4,715	2,720	12,935	6,195	8,598	10,681	27,492	24,350
25	11,215	62,378	15,406	5,088	18,505	15,181	5,988	4,354	29,235	19,726	35,718	21,171	22,081
26	96.9	91.2	93.4	98.2	93.8	95.1	93.4	96.4	90.3	98.5	95.4	91.0	95.3
27	91.2	80.2	75.2	84.9	81.9	94.2	96.3	94.7	89.1	94.7	86.8	85.7	91.9
28	166.0	179.6	134.6	180.9	142.3	189.4	221.4	140.0	201.9	199.5	182.1	105.0	146.0
29	151.4	144.0	101.1	143.1	116.6	178.5	213.2	132.6	179.9	189.0	158.1	90.0	134.2
30	27,595,907	35,291,218	18,379,350	37,738,415	32,537,215	40,380,379	21,335,108	46,988,719	26,564,166	63,194,477	35,246,229	51,341,633	75,102,185
31	<i>16,189,844</i>	<i>17,419,794</i>	<i>11,324,569</i>	<i>17,292,073</i>	<i>16,657,459</i>	<i>19,178,240</i>	<i>10,631,898</i>	<i>21,648,571</i>	<i>13,169,105</i>	<i>28,116,294</i>	<i>16,767,095</i>	<i>25,896,548</i>	<i>55,085,925</i>
32	71.0	102.6	62.3	118.2	95.6	110.6	100.7	117.1	142.0	142.0	110.2	98.3	114.1
33	19,495,843	27,036,545	12,829,580	29,355,145	23,949,824	31,170,886	16,468,487	36,697,322	20,234,828	48,014,593	27,363,460	40,045,149	57,384,677
34	<i>11,525,630</i>	<i>12,034,560</i>	<i>7,769,540</i>	<i>12,045,480</i>	<i>11,342,880</i>	<i>13,764,540</i>	<i>8,011,360</i>	<i>14,962,640</i>	<i>9,372,280</i>	<i>19,338,570</i>	<i>11,538,110</i>	<i>18,799,700</i>	<i>24,223,790</i>
35	4,133,143	3,642,370	2,303,737	3,923,580	4,307,294	4,021,732	2,262,545	4,853,799	3,010,085	6,823,155	3,796,927	5,948,952	8,414,819
36	<i>2,181,300</i>	<i>1,851,280</i>	<i>1,993,380</i>	<i>1,976,010</i>	<i>2,604,870</i>	<i>2,171,510</i>	<i>1,183,080</i>	<i>2,660,300</i>	<i>1,481,810</i>	<i>2,485,480</i>	<i>2,208,070</i>	<i>3,278,690</i>	<i>4,440,810</i>
37	969,403	921,801	535,319	787,540	830,244	965,270	611,459	900,048	718,359	1,582,238	929,638	1,050,163	1,737,074
38	<i>650,650</i>	<i>569,600</i>	<i>504,850</i>	<i>470,860</i>	<i>492,710</i>	<i>639,050</i>	<i>400,770</i>	<i>679,330</i>	<i>442,810</i>	<i>877,200</i>	<i>589,880</i>	<i>689,040</i>	<i>1,007,870</i>
39	2,997,618	3,690,442	2,600,714	3,672,150	3,443,853	3,622,491	1,992,637	4,532,550	2,600,894	5,899,491	3,156,204	4,297,369	7,565,615
40	<i>2,085,784</i>	<i>2,917,524</i>	<i>1,839,749</i>	<i>2,799,793</i>	<i>2,197,676</i>	<i>2,618,240</i>	<i>1,096,678</i>	<i>3,446,501</i>	<i>1,852,055</i>	<i>3,485,044</i>	<i>2,633,035</i>	<i>3,135,240</i>	<i>6,414,166</i>
41	70.6	76.6	69.8	77.8	73.6	77.2	77.2	78.1	76.2	77.4	77.6	78.0	76.4
42	15.0	10.3	12.5	10.4	13.2	11.4	10.6	11.3	11.2	10.8	10.8	11.6	11.2
43	3.5	2.6	3.2	2.1	2.6	2.4	2.9	1.9	2.7	2.5	2.6	2.0	2.3
44	10.9	10.5	14.5	9.7	10.6	9.0	9.3	9.6	9.8	9.3	9.0	8.4	10.1
45	15,961	15,833	9,588	21,369	17,878	22,114	19,977	20,072	16,530	23,371	18,243	15,900	19,086
46	13,666	13,764	7,894	18,844	15,526	19,602	17,538	17,751	14,465	20,615	16,129	14,244	16,722
47	67.92	67.53	49.74	110.19	92.45	90.12	69.66	111.85	62.36	90.66	77.79	118.06	99.88
48	<i>59.24</i>	<i>51.24</i>	<i>29.57</i>	<i>44.27</i>	<i>42.95</i>	<i>53.20</i>	<i>52.45</i>	<i>44.25</i>	<i>27.37</i>	<i>55.77</i>	<i>51.02</i>	<i>50.78</i>	<i>40.38</i>
49	1,675	2,180	1,862	1,747	1,797	1,774	1,055	2,286	1,592	2,672	1,909	3,072	3,866
50	<i>2,900,535</i>	<i>3,579,637</i>	<i>2,574,291</i>	<i>3,574,734</i>	<i>3,340,819</i>	<i>3,533,923</i>	<i>1,932,341</i>	<i>4,408,238</i>	<i>2,490,519</i>	<i>5,717,837</i>	<i>3,025,555</i>	<i>4,108,004</i>	<i>7,354,584</i>
51	40,160	35,026	32,724	34,537	35,656	47,722	28,620	42,151	36,732	67,346	35,591	37,393	74,419
52	13,386	11,016	9,315	7,536	9,851	15,370	9,544	10,382	14,569	16,273	11,338	14,566	18,187
53	4,560	5,499	4,079	5,263	5,808	8,065	4,591	6,327	4,552	13,155	6,437	4,048	13,558
54	5,325	4,445	4,453	3,925	4,209	6,927	3,912	5,198	4,380	8,517	4,709	4,507	9,034
55	5,405	3,968	4,041	3,577	4,283	6,573	3,405	4,723	5,285	8,408	4,679	4,391	8,157
56	5,410	4,096	3,847	4,842	4,111	6,405	3,711	5,711	3,850	8,521	4,396	3,797	8,639
57	6,074	6,002	6,489	7,394	4,332	3,457	3,157	9,770	4,066	12,442	4,032	6,084	16,794
58	<i>1,049,893</i>	<i>976,745</i>	<i>958,873</i>	<i>1,090,652</i>	<i>1,081,871</i>	<i>1,142,760</i>	<i>646,132</i>	<i>1,211,585</i>	<i>814,705</i>	<i>1,717,145</i>	<i>812,888</i>	<i>1,141,825</i>	<i>2,274,357</i>
59	11,046	15,155	10,001	11,977	12,839	13,972	8,616	17,119	11,321	21,795	13,962	17,506	25,010
60	9,821	13,373	8,272	10,587	11,291	11,707	7,556	14,403	9,800	18,952	12,118	15,150	22,346
61	1,012	1,348	1,433	1,105	1,256	1,529	786	1,919	1,131	2,115	1,334	1,714	2,093
62	213	434	196	285	292	676	274	797	1,390	728	510	642	581
63	1,329,965	1,713,238	1,201,741	1,452,510	1,489,090	1,577,967	916,553	1,980,796	1,209,463	2,637,780	1,627,601	2,200,725	2,976,859
64	81.	1,344	889	943	480	249	136	1,618	223	444	401	827	1,961
65	72	1,135	681	819	409	218	124	1,295	202	413	353	721	1,636
66	7	155	182	104	56	23	10	239	18	26	43	93	277
67	2	54	20	20	15	2	2	84	3	5	5	13	48
68	11,450	190,213	113,210	148,366	63,944	30,468	16,795	227,966	26,264	63,720	51,172	123,690	278,925
69	3	16	15	16	10	234	5	31	12	10	25	16	27
70	527	1,971	3,650	4,612	1,800	2,942	155	7,410	852	2,659	3,375	4,621	6,421
71	41,632	74,032	28,487	84,599	75,120	83,105	31,669	107,162	41,675	140,436	62,769	64,021	189,322
72	28,191	42,752	18,406	51,688	41,456	61,608	19,064	60,286	24,544	81,305	32,232	35,277	104,042
73	13,441	31,280	10,081	32,911	33,664	41,497	12,605	46,876	17,131	59,131	20,537	28,744	85,280
74	<i>472,962</i>	<i>687,774</i>	<i>254,172</i>	<i>666,078</i>	<i>666,078</i>	<i>661,391</i>	<i>319,843</i>	<i>925,759</i>	<i>416,639</i>	<i>1,264,979</i>	<i>507,653</i>	<i>617,353</i>	<i>1,769,058</i>
75	6,928	1,642	7,433	5,548	6,656	22,624	6,395	11,617	5,666	6,039	4,952	3,859	9,022
76	5,033	1,317	5,097	4,105	4,232	14,444	4,521	7,098	3,789	3,829	3,315	2,286	7,118
77	1,895	325	2,336	1,443	2,424	8,180	1,874	4,619	1,877	2,210	1,637	1,573	1,904
78	35,641	9,003	40,817	29,004	36,763	117,681	32,804	54,634	28,459	32,885	23,382	20,286	49,861
79	14	109	575	207	408	127	21	201	17				

TABLE 1.—FARMS AND FARM PROPERTY,
[Comparative data for June 1, 1900, in italics.]

	Poweshiek.	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama.
1 Population	19,589	12,904	10,555	60,000	16,552	25,248	24,083	22,156
2 <i>Population in 1900</i>	19,414	15,385	17,939	61,568	17,932	23,537	23,159	24,536
3 Number of all farms	2,253	2,053	2,014	2,405	2,213	2,715	2,385	2,602
4 <i>Number of all farms in 1900</i>	2,322	2,356	1,999	2,347	2,337	2,461	2,436	2,733
5 Color and nativity of farmers:								
6 Native white.....	1,003	1,900	1,426	1,524	1,373	1,275	1,873	1,789
7 Foreign-born white.....	350	93	588	880	338	1,440	512	799
8 Number of farms, classified by size:								
9 Under 3 acres.....	4	1	6	20	1		2	2
10 3 to 9 acres.....	75	51	74	212	60	131	86	65
11 10 to 19 acres.....	53	42	36	174	32	83	82	67
12 20 to 49 acres.....	149	169	70	200	103	128	123	150
13 50 to 99 acres.....	343	429	247	443	333	249	435	391
14 100 to 174 acres.....	873	716	810	822	888	1,030	950	970
15 175 to 259 acres.....	470	369	443	350	470	659	409	558
16 260 to 499 acres.....	200	233	309	100	285	430	230	350
17 500 to 999 acres.....	25	30	10	8	20	28	13	29
18 1,000 acres and over.....	2	4	4	1	1			
LAND AND FARM AREA								
18 Approximate land area..... acres..	370,955	345,614	307,208	287,431	376,933	456,395	362,681	460,496
19 Land in farms..... acres..	359,795	325,483	300,529	276,073	370,317	475,438	351,286	440,404
20 <i>Land in farms in 1900</i> acres..	366,080	310,111	304,238	278,945	371,873	470,081	350,664	430,477
21 Improved land in farms..... acres..	337,404	292,320	329,001	249,376	351,840	439,390	313,202	399,494
22 <i>Improved land in farms in 1900</i> acres..	338,773	294,551	354,151	254,739	350,733	432,031	339,866	392,467
23 Woodland in farms..... acres..	14,097	25,990	8,204	10,102	10,000	5,610	14,901	26,993
24 Other unimproved land in farms..... acres..	7,304	7,104	23,234	10,535	8,408	30,432	23,123	13,917
25 Per cent of land area in farms.....	97.0	94.2	98.2	96.0	98.2	97.7	96.9	95.6
26 Per cent of farm land improved.....	93.8	89.8	91.3	90.3	95.0	92.4	90.2	90.7
27 Average acres per farm.....	159.7	158.5	179.0	114.8	167.3	175.1	147.3	169.3
28 Average improved acres per farm.....	149.8	142.4	163.4	103.7	159.0	161.8	131.3	153.5
VALUE OF FARM PROPERTY								
29 All farm property..... dollars..	48,771,608	26,512,440	40,209,738	40,992,072	53,901,139	64,919,553	47,452,180	60,511,646
30 <i>All farm property in 1900</i> dollars..	22,457,094	16,195,314	20,305,695	22,201,755	20,521,027	25,086,538	21,925,024	26,424,621
31 Per cent increase, 1900-1910.....	117.2	74.5	142.3	84.6	162.7	158.8	116.4	128.0
32 Land..... dollars..	37,031,194	10,109,047	38,648,291	29,192,269	41,740,787	51,106,247	30,703,601	46,686,156
33 <i>Land in 1900</i> dollars..	14,983,000	9,377,370	13,892,500	14,987,980	13,815,760	15,658,110	15,730,330	18,434,730
34 Buildings..... dollars..	5,205,080	3,206,021	5,118,200	6,944,800	5,532,337	6,334,895	5,202,876	6,507,070
35 <i>Buildings in 1900</i> dollars..	2,224,640	1,088,320	2,590,600	3,973,040	2,418,930	2,676,470	2,087,360	3,221,610
36 Implements and machinery..... dollars..	1,090,781	688,905	1,173,758	1,172,238	1,255,105	1,610,347	1,158,076	1,428,308
37 <i>Implements, etc., in 1900</i> dollars..	682,730	414,370	653,180	750,200	661,610	757,080	653,820	805,870
38 Domestic animals, poultry, and bees..... dollars..	5,854,553	3,568,467	4,209,489	3,682,675	5,372,850	5,772,094	4,327,027	5,890,112
39 <i>Domestic animals, etc., in 1900</i> dollars..	3,969,124	3,215,154	3,189,535	2,489,535	3,086,677	3,094,098	2,859,454	3,908,621
40 Per cent of value of all property in—								
41 Land.....	75.9	72.1	78.5	71.2	77.4	78.9	77.5	77.2
42 Buildings.....	10.9	12.1	10.4	16.9	10.3	9.8	11.0	10.8
43 Implements and machinery.....	2.2	2.4	2.4	2.9	2.3	2.5	2.4	2.4
44 Domestic animals, poultry, and bees.....	11.0	13.4	8.7	9.0	10.0	8.9	9.1	9.7
45 Average values:								
46 All property per farm..... dollars..	21,647	12,014	24,434	17,045	24,357	23,911	19,896	23,256
47 Land and buildings per farm..... dollars..	18,787	10,860	21,731	15,026	21,302	21,190	17,696	20,443
48 Land per acre..... dollars..	102.93	53.71	107.20	105.74	112.72	107.68	104.65	106.01
49 <i>Land per acre in 1900</i> dollars..	40.87	29.04	33.14	53.73	37.15	38.94	44.25	41.85
DOMESTIC ANIMALS (farms and ranges)								
50 Farms reporting domestic animals.....	2,228	1,990	1,982	2,340	2,191	2,692	2,320	2,550
51 Value of domestic animals..... dollars..	5,213,050	3,438,905	4,145,221	3,546,267	5,245,562	5,625,894	4,149,685	5,719,595
52 Cattle:								
53 Total number.....	54,156	39,161	50,199	43,610	59,685	68,488	39,411	70,443
54 Dairy cows.....	13,446	10,932	12,731	17,910	12,909	19,822	14,181	17,245
55 Other cows.....	9,130	5,087	9,768	5,408	13,685	10,610	4,309	11,477
56 Yearling heifers.....	6,874	4,110	7,057	5,442	8,436	10,160	4,994	9,558
57 Calves.....	6,815	3,772	5,710	5,614	6,059	10,013	5,305	9,136
58 Yearling steers and bulls.....	7,529	5,297	6,913	4,782	7,730	9,231	5,048	9,817
59 Other steers and bulls.....	10,362	9,004	9,920	4,394	6,066	8,652	6,570	13,190
60 Value..... dollars..	1,625,805	1,101,402	1,331,850	1,230,683	1,703,104	1,710,103	1,045,853	1,895,777
61 Horses:								
62 Total number.....	19,112	14,707	16,121	13,084	17,901	20,600	13,244	20,025
63 Mature horses.....	10,349	12,120	13,809	11,809	15,544	17,080	15,740	16,916
64 Yearling colts.....	2,107	2,122	1,713	1,052	1,805	2,105	1,975	2,403
65 Spring colts.....	596	450	539	223	612	755	620	706
66 Value..... dollars..	2,379,800	1,691,737	1,927,948	1,521,354	2,199,101	2,540,000	2,320,203	2,497,856
67 Mules:								
68 Total number.....	820	1,070	620	439	578	275	431	369
69 Mature mules.....	607	810	552	429	482	237	373	333
70 Yearling colts.....	130	218	58	9	70	33	31	31
71 Spring colts.....	17	45	10	1	26	5	14	5
72 Value..... dollars..	110,350	130,483	74,299	58,860	80,743	33,049	68,498	50,938
73 Asses and burros:								
74 Number.....	5	91	10	8	9	8	13	6
75 Value..... dollars..	1,775	12,245	2,345	1,140	3,075	1,041	2,120	1,170
76 Swine:								
77 Total number.....	110,831	47,031	76,311	95,259	124,350	124,619	60,138	129,818
78 Mature hogs.....	65,780	31,371	39,794	60,051	66,605	66,605	35,247	70,415
79 Spring pigs.....	45,051	15,660	32,085	55,405	58,299	57,964	27,821	59,403
80 Value..... dollars..	1,034,892	417,921	750,408	718,007	1,104,365	1,204,540	670,690	1,199,944
81 Sheep:								
82 Total number.....	12,358	15,350	8,603	3,458	5,714	16,551	5,748	13,541
83 Rams, ewes, and wethers.....	7,837	9,083	5,571	2,100	4,217	10,193	3,912	8,395
84 Spring lambs.....	4,521	5,007	3,032	1,358	1,497	5,358	1,836	5,146
85 Value..... dollars..	59,951	84,472	62,190	16,270	29,351	70,110	36,228	73,215
86 Goats:								
87 Number.....	145	135	77	33	241	106	657	243
88 Value..... dollars..	450	625	181	148	703	445	1,987	698
POULTRY AND BEES								
89 Number of poultry of all kinds.....	241,412	198,366	235,614	260,334	244,319	299,334	333,028	341,630
90 Value..... dollars..	136,668	114,874	120,297	130,237	123,060	143,335	171,665	165,199
91 Number of colonies of bees.....	1,484	1,691	1,201	1,704	1,642	695	1,701	1,604
92 Value..... dollars..	4,800	4,688	3,971	6,171	4,225	2,865	6,377	5,313

1 Includes agricultural data for Sac and Fox Indian Reservation.

STATISTICS OF AGRICULTURE.

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BY COUNTIES: APRIL 15, 1910—Continued.

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

	Taylor.	Union.	Van Buren.	Wapello.	Warren.	Washington.	Wayne.	Webster.	Winnebago.	Winneshiek.	Wood-bury.	Worth.	Wright.
1	16,812	16,616	15,020	37,743	18,194	19,925	16,184	34,629	11,914	21,720	67,616	9,950	17,951
2	18,784	19,988	17,354	35,428	20,376	20,718	17,491	31,757	12,725	23,731	54,610	10,387	18,287
3	2,254	1,619	2,126	2,255	2,608	2,454	1,969	2,478	1,425	2,837	2,976	1,391	1,885
4	2,531	1,323	2,242	2,311	2,086	2,511	2,235	2,664	1,512	2,399	3,231	1,435	1,378
5	2,143	1,479	2,038	2,001	2,464	2,213	1,912	1,645	804	1,997	2,189	813	1,236
6	109	139	86	245	141	239	56	831	621	889	784	574	649
7	2	1	2	9	3	2	1	2	1	1	3	4	4
8	2	5	4	1	10	3	3	3	3	2	13	2	1
9	57	49	67	154	102	115	35	47	55	96	87	24	48
10	51	33	66	115	102	81	35	52	42	104	63	27	41
11	195	117	219	300	315	210	129	102	68	227	178	68	82
12	510	322	509	545	657	488	392	364	207	453	518	159	165
13	347	607	693	694	848	894	695	1,012	586	1,093	1,122	534	750
14	360	290	313	303	360	424	332	518	248	607	519	341	422
15	200	175	221	134	181	218	266	354	200	280	406	225	340
16	28	25	31	4	37	14	25	1	13	20	6	13	32
17	4	1	2	2	5	2	2	1	3	7	8	13	4
18	342,024	273,517	305,417	273,708	364,970	357,689	335,088	456,753	255,601	439,309	552,058	255,562	267,918
19	335,507	252,807	300,515	269,829	342,113	338,975	323,921	423,492	237,666	425,917	524,138	247,982	355,341
20	337,002	263,613	300,111	263,459	351,733	344,096	334,702	423,975	239,085	423,227	522,737	249,081	366,371
21	310,883	220,455	223,022	215,017	301,010	290,298	280,298	365,085	205,072	334,716	467,796	210,623	304,991
22	294,010	212,705	210,723	208,849	297,010	293,210	283,910	360,553	207,989	333,553	443,681	233,292	330,351
23	26,220	15,185	54,001	34,457	32,584	34,452	20,438	23,114	8,164	56,920	21,471	8,282	6,733
24	4,404	17,167	23,492	10,355	8,519	14,225	9,431	35,293	24,480	34,281	34,871	29,077	43,617
25	98.1	92.4	98.4	94.9	93.7	94.8	96.7	92.7	93.0	97.0	94.8	97.0	96.6
26	92.7	87.2	74.2	82.8	88.0	85.6	90.8	86.2	86.3	78.6	89.3	84.9	85.8
27	148.3	156.2	141.4	115.2	131.2	138.1	164.5	170.9	165.8	147.5	176.1	178.3	188.5
28	137.9	136.2	104.9	95.4	115.4	118.3	149.3	147.3	143.9	115.9	157.2	151.4	161.8
29	34,428,387	23,631,240	24,726,826	27,209,251	36,127,075	47,588,694	27,719,938	44,155,470	19,121,757	34,071,537	55,307,931	19,197,106	35,060,106
30	17,144,601	15,125,001	12,306,451	13,793,252	17,973,555	21,561,130	14,912,778	21,694,338	10,702,916	21,587,626	23,739,237	12,381,001	18,405,608
31	100.8	80.0	93.1	97.7	101.0	120.7	85.6	103.5	78.7	57.8	133.0	55.1	90.5
32	25,664,744	17,279,471	17,305,212	19,985,187	26,003,242	35,311,779	20,289,503	34,190,434	13,846,085	21,742,937	42,317,872	13,596,218	26,936,600
33	11,881,040	8,622,540	8,079,130	9,228,280	11,931,710	14,692,740	9,826,640	15,556,930	7,643,020	16,237,170	14,233,410	8,809,130	13,221,370
34	3,975,143	2,950,890	3,497,075	3,583,624	4,128,564	6,094,635	3,035,703	5,051,940	2,616,370	6,743,105	5,586,343	2,913,414	3,775,205
35	2,070,700	1,595,530	2,058,050	1,995,580	2,266,510	2,932,430	1,891,240	2,613,920	1,294,370	3,026,140	2,878,120	1,622,570	2,042,530
36	729,358	549,090	630,573	666,515	764,313	1,038,355	652,751	1,211,165	567,234	1,402,044	629,641	333,347	413,480
37	448,600	395,850	414,380	468,330	617,770	492,600	488,600	759,600	387,910	731,980	438,570	613,480	613,480
38	4,059,142	2,851,789	3,293,966	3,053,925	4,332,956	5,142,925	3,742,026	3,701,938	2,092,083	4,349,948	5,701,772	2,057,833	3,408,954
39	3,244,861	2,517,181	2,260,911	2,141,102	3,306,825	3,348,190	2,732,306	2,735,918	1,397,099	2,941,096	3,705,827	1,472,731	2,521,948
40	74.5	73.1	70.0	73.3	74.5	74.2	73.2	77.4	72.4	63.8	76.5	70.8	76.8
41	11.5	12.5	14.1	13.1	11.4	12.8	11.0	11.4	13.7	10.8	10.9	15.2	10.8
42	2.1	2.3	2.6	2.4	2.1	2.2	2.4	2.7	3.0	3.6	2.5	3.3	2.7
43	11.8	12.1	13.3	11.2	12.0	10.8	13.5	8.4	10.9	12.8	10.3	10.7	9.7
44	15,274	14,596	11,691	12,093	13,852	19,392	14,078	17,819	13,410	11,902	13,685	13,801	18,600
45	13,150	12,496	9,785	10,443	11,898	16,873	11,846	15,836	11,553	9,869	16,193	11,869	16,293
46	78.50	63.35	57.59	76.92	78.64	104.17	62.64	80.73	58.26	51.05	80.74	54.83	75.80
47	33.77	32.11	28.92	35.87	33.82	42.54	29.63	38.27	31.97	33.76	31.18	35.37	38.09
48	2,223	1,596	2,081	2,174	2,558	2,393	1,954	2,452	1,394	2,856	2,911	1,355	1,865
49	3,937,769	2,762,123	3,159,922	2,936,827	4,190,466	4,975,217	3,609,994	5,563,813	2,016,494	4,209,499	5,555,214	1,986,820	3,291,010
50	40,777	32,895	29,947	29,814	43,813	41,570	39,908	41,776	33,602	64,853	54,225	34,886	40,443
51	11,387	9,141	9,284	10,814	13,669	9,990	10,536	15,513	14,693	25,991	14,496	13,503	14,824
52	5,782	5,363	4,645	5,582	5,602	5,961	5,329	5,602	2,627	5,261	9,661	3,486	4,263
53	5,033	3,872	3,794	3,764	5,270	4,843	4,350	5,936	4,608	9,138	6,388	4,547	5,194
54	4,648	3,869	3,434	3,792	4,515	4,672	4,154	5,583	5,279	10,458	5,685	5,029	5,540
55	5,394	4,615	3,913	3,548	6,376	5,630	5,173	4,081	4,081	5,496	6,285	4,295	5,448
56	8,533	6,035	4,877	4,314	8,381	10,474	10,239	3,969	2,309	5,609	12,310	4,026	5,174
57	1,094,548	858,179	906,620	883,093	1,241,458	1,413,470	1,152,962	956,226	730,244	1,418,721	1,704,050	729,520	962,981
58	16,836	11,971	13,018	12,043	17,494	17,684	15,087	17,480	8,252	16,377	21,850	8,586	14,653
59	13,879	10,168	11,156	10,468	14,857	15,241	12,834	15,432	7,441	14,365	19,266	7,827	12,584
60	2,354	1,474	1,586	1,275	2,019	1,906	1,977	1,598	651	1,793	1,949	635	1,598
61	603	329	276	300	618	537	276	450	160	219	635	124	471
62	1,934,485	1,414,081	1,596,208	1,449,435	2,164,848	2,303,978	1,792,618	2,029,306	916,366	1,931,297	2,597,777	905,185	1,730,641
63	1,436	650	697	781	572	900	1,444	446	105	49	961	67	286
64	1,107	500	579	588	437	757	1,163	390	78	46	829	60	231
65	273	123	107	153	113	121	255	47	26	3	104	7	45
66	56	27	11	40	22	22	26	9	1	1	28	10	10
67	172,480	84,018	88,507	97,852	77,880	124,760	188,584	59,391	11,285	6,145	129,466	7,510	34,585
68	34	14	32	32	31	30	30	10	9	7	17	5	6
69	7,705	4,070	6,960	11,050	1,620	8,806	6,400	2,290	1,215	935	2,996	145	1,540
70	70,134	39,609	39,036	49,434	73,091	120,227	45,234	49,584	28,640	75,501	102,173	28,147	49,230
71	40,729	25,322	22,894	27,883	46,436	64,736	30,272	30,838	19,646	40,717	63,285	19,519	30,589
72	29,405	14,327	16,142	21,551	26,655	55,491	14,962	18,746	8,994	34,784	33,687	8,623	13,391
73	619,933	363,533	321,706	420,746	626,278	1,038,045	419,720	502,671	339,378	727,084	1,055,451	332,863	536,862
74	18,410	7,426	52,634	19,777	13,393	16,676	10,650	3,036	3,197	25,045	11,079	2,876	6,449
75	11,493	5,210	37,667	14,482	9,757	9,961	7,156	2,157	2,565	16,728	8,263	1,885	4,234
76	6,917	2,216	14,967	5,295	4,636	6,715	3,494	879	632	8,317	2,816	801	2,215
77	107,020	37,205	238,763	104,191	77,296	85,115	49,162	13,512	17,956	125,179	64,017	11,303	34,144
78	569	358	308	183	403	817	135	117	17	43	229	89	83
79	1,548	1,042	1,158	460	1,086	1,053	548	417	40	138	1,427	294	257
80	219,288	151,891	232,239	187,956	255,385	293,858	206,722	296,057	151,120	294,041	268,374	139,607	210,741
81	117,984	85,261	126,979	109,428	135,010	160,695	123,767	132,856	73,492	133,225	135,812	69,208	113,950
82	1,565	1,148	2,278	2,215	2,840	2,400	2,332	1,436	503	2,078	2,137	566	1,263
83	2,389	3,400	7,065	7,670	7,480	8,013	8,265	5,299					

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

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

	THE STATE.	Adair.	Adams.	Allamakee.	Appanoose.	Audubon.
FARMS OPERATED BY OWNERS						
1	Number of farms.....	133,003	1,298	1,088	1,861	1,682
2	Number of farms in 1900.....	<i>147,806</i>	<i>1,460</i>	<i>1,253</i>	<i>2,086</i>	<i>1,789</i>
3	Per cent of all farms.....	61.3	58.3	63.0	83.5	72.8
4	Per cent of all farms in 1900.....	<i>64.4</i>	<i>60.7</i>	<i>65.5</i>	<i>88.1</i>	<i>70.0</i>
5	Land in farms..... acres.....	20,214,337	207,593	107,000	312,585	233,567
6	Improved land in farms..... acres.....	17,432,235	195,967	150,161	190,774	191,133
7	Value of land and buildings..... dollars.....	1,942,604,349	19,409,155	15,000,297	10,093,288	13,638,424
Degree of ownership:						
8	Farms consisting of owned land only.....	100,404	993	837	1,667	1,335
9	Farms consisting of owned and hired land.....	20,539	305	251	204	347
Color and nativity of owners:						
10	Native white.....	98,015	1,041	917	1,227	1,544
11	Foreign-born white.....	34,252	257	171	632	133
12	Negro and other nonwhite.....	130			2	5
FARMS OPERATED BY TENANTS						
13	Number of farms.....	82,115	908	694	353	622
14	Number of farms in 1900.....	<i>79,739</i>	<i>908</i>	<i>680</i>	<i>374</i>	<i>737</i>
15	Per cent of all farms.....	37.8	40.8	30.7	15.8	26.9
16	Per cent of all farms in 1900.....	<i>34.9</i>	<i>38.0</i>	<i>34.9</i>	<i>11.6</i>	<i>29.2</i>
17	Land in farms..... acres.....	13,225,540	143,795	94,358	57,788	71,258
18	Improved land in farms..... acres.....	11,674,987	135,709	87,250	34,690	60,228
19	Value of land and buildings..... dollars.....	1,269,791,120	12,944,839	8,157,784	2,887,670	4,217,043
Form of tenancy:						
20	Share tenants.....	20,935	205	177	160	236
21	Share-cash tenants.....	14,120	118	80	20	85
22	Cash tenants.....	43,394	550	353	161	297
23	Tenure not specified.....	3,667	29	13	12	4
Color and nativity of tenants:						
24	Native white.....	67,547	832	603	311	599
25	Foreign-born white.....	14,505	70	31	40	22
26	Negro and other nonwhite.....	63			2	1
FARMS OPERATED BY MANAGERS						
27	Number of farms.....	1,020	21	4	16	8
28	Number of farms in 1900.....	<i>1,581</i>	<i>29</i>	<i>51</i>	<i>8</i>	<i>20</i>
29	Land in farms..... acres.....	490,305	5,368	271	2,660	2,746
30	Improved land in farms..... acres.....	383,977	4,875	255	1,539	2,318
31	Value of land and buildings..... dollars.....	44,093,925	483,835	34,475	146,290	139,680
MORTGAGE DEBT REPORTS						
For all farms operated by owners:						
32	Number free from mortgage debt.....	63,284	530	450	1,091	810
33	Number with mortgage debt.....	68,045	750	619	766	858
34	Number with no mortgage report.....	1,724	12	19	4	14
For farms consisting of owned land only:						
35	Number reporting debt and amount.....	50,462	530	442	663	633
36	Value of their land and buildings..... dollars.....	735,265,320	7,849,794	5,928,238	5,537,968	4,873,535
37	Amount of mortgage debt..... dollars.....	204,242,722	2,211,957	1,698,160	1,643,715	1,392,934
38	Per cent of value of land and buildings.....	27.8	28.2	28.0	29.7	28.6

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS							
Dairy Products							
1	Dairy cows on farms reporting dairy products..... number.....	1,306,670	13,201	7,058	18,777	10,374	12,814
2	Dairy cows on farms reporting milk produced..... number.....	916,153	9,853	3,230	15,054	9,990	7,536
3	Milk—Produced..... gallons.....	318,054,500	2,844,444	1,046,441	6,363,340	2,100,822	2,874,884
4	Sold..... gallons.....	55,241,511	56,800	64,340	40,490	70,367	76,139
5	Cream sold..... gallons.....	8,062,449	92,659	48,023	203,014	21,713	34,319
6	Butter fat sold..... pounds.....	42,017,690	526,184	323,725	1,209,990	55,048	874,241
7	Butter—Produced..... pounds.....	38,079,568	224,150	240,021	404,534	527,853	197,880
8	Sold..... pounds.....	17,917,387	96,791	61,907	131,794	291,431	48,843
9	Cheese—Produced..... pounds.....	78,538			175	260	
10	Sold..... pounds.....	61,160					
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	31,196,883	274,356	166,363	522,557	165,363	320,871
12	Receipts from sale of dairy products..... dollars.....	20,429,743	243,685	124,465	455,684	112,368	285,267
Poultry Products							
13	Poultry—Raised..... number.....	28,388,440	316,660	215,538	186,462	274,662	252,630
14	Sold..... number.....	10,388,967	120,896	77,771	69,884	100,046	95,838
15	Eggs—Produced..... dozens.....	103,273,505	1,009,105	900,809	820,303	941,085	819,900
16	Sold..... dozens.....	70,835,349	653,103	602,288	578,139	632,945	534,675
17	Value of poultry and eggs produced..... dollars.....	31,270,571	328,960	240,040	230,711	306,087	249,896
18	Receipts from sale of poultry and eggs..... dollars.....	17,594,432	175,518	131,945	141,746	171,662	134,660
Honey and Wax							
19	Honey produced..... pounds.....	2,374,080	25,880	15,985	44,260	28,726	14,607
20	Wax produced..... pounds.....	44,286	222	231	925	44	173
21	Value of honey and wax produced..... dollars.....	285,429	2,677	1,965	4,053	3,784	1,731
Wool, Mohair, and Goat Hair							
22	Wool, fleeces shorn..... number.....	580,089	6,028	7,673	7,583	11,028	3,067
23	Mohair and goat hair, fleeces shorn..... number.....	8,703	12	74	120	45	4
24	Value of wool and mohair produced..... dollars.....	1,132,808	12,595	14,457	16,154	20,761	7,708
DOMESTIC ANIMALS SOLD OR SLAUGHTERED							
25	Calves—Sold or slaughtered..... number.....	274,306	1,553	1,840	3,704	2,001	998
26	Other cattle—Sold or slaughtered..... number.....	2,208,709	28,619	20,049	16,507	19,613	22,626
27	Horses, mules, and asses and burros—Sold..... number.....	197,204	2,338	2,084	1,409	2,410	1,321
28	Pigs—Sold or slaughtered..... number.....	6,031,686	63,323	58,884	36,666	38,990	56,075
29	Sheep and goats—Sold or slaughtered..... number.....	617,937	4,861	9,144	4,543	11,100	3,366
30	Receipts from sale of animals..... dollars.....	208,069,001	2,331,931	1,921,233	1,281,366	1,655,793	1,895,777
31	Value of animals slaughtered..... dollars.....	10,147,302	102,513	70,838	112,265	121,518	97,662

STATISTICS OF AGRICULTURE.

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

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

	Benton.	Blackhawk.	Boone.	Bremer.	Buchanan.	Buena Vista.	Butler.	Calhoun.	Carroll.	Cass.	Cedar.	Cerro Gordo.
1	1,468	1,246	1,426	1,377	1,456	990	1,214	1,011	1,189	1,357	1,360	1,048
2	<i>1,602</i>	<i>1,478</i>	<i>1,596</i>	<i>1,468</i>	<i>1,649</i>	<i>1,213</i>	<i>1,302</i>	<i>1,252</i>	<i>1,366</i>	<i>1,442</i>	<i>1,432</i>	<i>1,229</i>
3	55.3	57.6	55.2	70.0	62.4	51.2	64.5	51.6	56.8	59.2	61.0	55.3
4	<i>59.9</i>	<i>62.8</i>	<i>59.7</i>	<i>75.3</i>	<i>67.4</i>	<i>62.0</i>	<i>66.5</i>	<i>58.7</i>	<i>62.8</i>	<i>60.2</i>	<i>65.1</i>	<i>62.8</i>
5	247,663	184,677	181,424	184,353	208,642	167,942	179,271	171,921	200,958	210,861	203,733	181,015
6	225,784	165,160	152,491	157,403	182,462	157,369	161,500	160,885	189,719	202,660	182,138	161,850
7	30,391,609	20,387,492	19,747,641	16,098,144	17,675,647	17,449,149	16,711,127	18,267,923	24,578,845	25,196,461	26,311,606	15,697,318
8	1,129	1,057	1,054	1,161	1,213	770	963	813	1,020	1,088	1,155	823
9	<i>339</i>	<i>191</i>	<i>372</i>	<i>216</i>	<i>243</i>	<i>220</i>	<i>251</i>	<i>198</i>	<i>169</i>	<i>319</i>	<i>205</i>	<i>225</i>
10	1,170	920	990	990	1,160	490	784	682	673	1,011	1,005	703
11	<i>298</i>	<i>328</i>	<i>436</i>	<i>387</i>	<i>296</i>	<i>510</i>	<i>430</i>	<i>329</i>	<i>516</i>	<i>346</i>	<i>354</i>	<i>345</i>
12	1,165	909	1,148	576	850	930	1,004	940	892	903	831	791
13	<i>1,100</i>	<i>825</i>	<i>1,072</i>	<i>531</i>	<i>729</i>	<i>725</i>	<i>994</i>	<i>878</i>	<i>789</i>	<i>859</i>	<i>785</i>	<i>707</i>
14	43.9	41.9	44.3	29.3	36.4	48.1	45.1	48.0	42.6	39.4	37.3	42.5
15	<i>39.7</i>	<i>36.8</i>	<i>40.1</i>	<i>26.5</i>	<i>32.0</i>	<i>37.1</i>	<i>43.1</i>	<i>41.1</i>	<i>36.3</i>	<i>38.9</i>	<i>34.3</i>	<i>36.1</i>
16	196,403	153,469	158,649	80,416	135,449	177,925	169,723	175,254	148,449	137,433	139,543	148,633
17	181,343	131,917	136,325	69,884	114,600	163,104	145,475	162,945	139,720	132,772	125,370	133,033
18	23,834,957	16,826,603	16,529,609	6,658,677	10,480,691	17,106,977	15,032,249	17,351,837	17,389,717	15,660,103	17,201,308	12,240,873
19	186	199	268	141	222	124	195	327	147	198	121	195
20	144	18	206	25	68	258	151	275	121	61	35	191
21	783	532	600	405	530	539	644	279	498	606	564	399
22	52	160	9	5	30	9	14	59	126	8	111	6
23	992	761	974	469	755	632	698	797	723	806	637	640
24	<i>173</i>	<i>147</i>	<i>169</i>	<i>107</i>	<i>95</i>	<i>298</i>	<i>306</i>	<i>143</i>	<i>169</i>	<i>97</i>	<i>194</i>	<i>151</i>
25	23	11	12	15	28	14	8	7	11	32	37	22
26	<i>12</i>	<i>14</i>	<i>5</i>	<i>5</i>	<i>15</i>	<i>18</i>	<i>8</i>	<i>4</i>	<i>20</i>	<i>21</i>	<i>14</i>	<i>21</i>
27	5,487	1,957	1,303	2,759	7,407	3,418	3,880	2,200	2,529	6,153	7,229	6,968
28	4,780	1,732	881	2,218	6,531	3,064	3,455	2,182	2,330	5,548	5,991	6,132
29	590,460	303,800	159,975	294,770	661,860	358,650	349,750	243,200	286,898	692,290	897,660	555,500
30	779	642	709	792	734	400	582	398	584	551	632	476
31	666	590	681	558	711	567	606	607	583	788	706	561
32	23	16	36	27	11	23	26	6	22	18	23	11
33	461	474	441	447	571	419	434	456	466	570	568	400
34	9,191,294	7,927,731	5,986,508	4,976,327	6,865,527	7,452,344	6,263,905	8,394,263	9,470,418	10,624,746	10,537,117	5,682,065
35	2,292,235	2,093,808	1,513,726	1,614,918	2,049,129	1,633,904	1,821,295	2,072,950	2,258,451	3,102,659	3,104,621	1,705,369
36	24.9	26.4	25.3	32.5	29.8	26.0	28.9	24.7	23.8	29.0	29.5	30.0

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	16,247	20,604	13,696	23,429	18,607	13,322	18,169	10,046	14,099	9,894	12,705	14,441
2	12,296	11,097	8,632	19,322	10,322	10,786	11,923	9,457	8,255	6,685	11,844	6,933
3	4,472,438	4,550,959	3,074,790	7,648,450	3,556,545	3,575,452	4,032,181	2,982,510	2,522,699	2,665,777	4,078,790	2,268,531
4	64,599	3,780,212	281,845	7,624,123	1,830,765	114,389	2,974,237	204,614	155,805	124,758	182,456	359,892
5	179,657	94,298	94,508	10,396	206,663	116,370	116,370	46,419	69,637	68,768	67,658	77,244
6	502,131	732,697	262,808	154,202	456,836	498,446	391,028	368,769	570,901	340,647	398,639	713,581
7	607,686	132,045	580,735	38,876	258,012	387,171	104,451	231,696	313,202	441,375	517,627	344,329
8	261,969	87,804	288,131	18,827	174,339	149,431	38,882	88,424	114,963	162,387	198,708	172,981
9			80	796		21	200	2,600	65		1,084	
10				796		100		2,600		368		
11	398,535	697,008	311,914	750,794	494,513	281,069	458,971	189,232	287,739	246,949	279,118	370,832
12	318,147	684,330	240,054	745,194	472,524	223,303	442,604	158,206	243,221	183,018	206,765	330,993
13	369,459	288,843	360,506	264,841	319,990	252,500	334,934	251,475	327,283	301,023	325,755	242,515
14	140,639	99,162	114,373	101,791	140,292	95,144	122,018	92,947	96,791	122,340	106,514	107,514
15	1,307,847	975,571	1,312,173	986,611	1,085,955	828,145	1,121,404	903,740	1,143,235	1,053,676	1,191,427	837,337
16	871,988	678,474	877,257	738,797	807,114	554,305	825,120	591,653	795,735	677,192	796,559	583,204
17	406,477	330,692	399,094	287,619	360,280	254,438	363,888	274,351	319,515	317,399	378,233	280,729
18	223,306	178,025	210,584	175,357	228,773	140,363	213,594	146,507	172,893	172,676	211,687	164,586
19	33,114	32,685	27,629	34,670	24,297	19,916	37,151	16,136	20,049	27,083	46,729	20,443
20	783	480	455	845	551	293	183	72	210	281	410	188
21	3,926	3,591	3,467	3,782	2,776	2,510	4,176	2,213	2,383	3,149	5,089	2,443
22	3,504	2,944	2,013	2,430	3,903	4,194	2,544	1,561	2,369	8,477	11,396	2,965
23	45	2	12	117	1	65	202	51	1	2	116	
24	7,262	5,979	2,909	5,244	8,075	6,281	5,221	3,088	3,745	15,422	20,268	5,962
25	2,832	7,316	3,410	12,371	8,011	1,833	2,756	2,169	1,823	1,633	2,174	2,224
26	33,396	19,186	17,517	10,426	24,723	20,187	18,239	12,523	16,754	35,111	30,915	19,454
27	2,582	3,018	1,910	1,338	2,475	1,281	1,356	1,220	1,452	2,328	2,819	1,108
28	101,852	59,085	42,640	48,077	62,497	52,610	50,404	34,503	58,452	79,859	107,398	39,904
29	7,708	3,153	1,089	1,422	3,595	1,676	1,303	690	3,415	13,005	21,333	2,369
30	3,133,288	2,103,579	1,473,804	1,266,220	2,209,460	1,762,524	1,488,989	1,043,683	1,600,801	3,054,396	3,763,278	1,461,441
31	125,063	85,407	110,095	96,573	79,811	77,299	95,286	98,323	132,737	95,246	121,542	64,641

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

	Cherokee.	Chickasaw.	Clarke.	Clay.	Clayton.	Clinton.	Crawford.	Dallas.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	929	1,413	969	906	2,346	1,722	1,330
2	Number of farms in 1900.....	<i>1,103</i>	<i>1,671</i>	<i>1,076</i>	<i>953</i>	<i>2,673</i>	<i>1,671</i>	<i>1,539</i>
3	Per cent of all farms.....	48.9	70.2	62.3	54.3	76.9	60.5	56.3
4	Per cent of all farms in 1900.....	<i>67.8</i>	<i>76.1</i>	<i>62.8</i>	<i>66.6</i>	<i>80.6</i>	<i>60.0</i>	<i>61.9</i>
5	Land in farms.....acres.....	175,537	214,530	102,940	177,933	346,463	244,658	258,034
6	Improved land in farms.....acres.....	157,680	181,738	130,361	168,052	247,674	217,878	244,227
7	Value of land and buildings.....dollars.....	20,062,465	15,733,320	11,655,606	14,679,343	23,763,213	20,516,465	27,033,203
Degree of ownership:								
8	Farms consisting of owned land only.....	652	1,102	680	640	2,047	1,500	1,106
9	Farms consisting of owned and hired land.....	277	311	289	267	299	213	224
Color and nativity of owners:								
10	Native white.....	667	1,016	930	566	1,720	1,094	649
11	Foreign-born white.....	262	397	37	340	626	628	681
12	Negro and other nonwhite.....			2				130
FARMS OPERATED BY TENANTS								
13	Number of farms.....	961	591	541	754	675	1,099	1,007
14	Number of farms in 1900.....	<i>797</i>	<i>518</i>	<i>626</i>	<i>716</i>	<i>634</i>	<i>1,086</i>	<i>1,001</i>
15	Per cent of all farms.....	51.6	29.4	34.8	45.2	22.1	38.6	42.7
16	Per cent of all farms in 1900.....	<i>41.8</i>	<i>23.6</i>	<i>36.5</i>	<i>42.5</i>	<i>19.1</i>	<i>39.0</i>	<i>37.8</i>
17	Land in farms.....acres.....	182,751	91,184	86,917	155,218	109,337	172,695	176,291
18	Improved land in farms.....acres.....	166,910	76,075	71,161	142,900	77,732	151,410	166,442
19	Value of land and buildings.....dollars.....	20,658,634	6,560,305	6,028,302	11,867,547	7,370,111	17,751,662	18,219,030
Form of tenancy:								
20	Share tenants.....	126	180	177	176	264	62	127
21	Share-cash tenants.....	113	51	135	289	37	29	82
22	Cash tenants.....	694	353	224	281	354	948	778
23	Tenure not specified.....	28	7	5	8	20	30	20
Color and nativity of tenants:								
24	Native white.....	732	500	530	588	539	722	704
25	Foreign-born white.....	229	91	4	166	85	377	303
26	Negro and other nonwhite.....			1				47
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	11	8	46	8	28	28	24
28	Number of farms in 1900.....	<i>9</i>	<i>8</i>	<i>12</i>	<i>16</i>	<i>11</i>	<i>29</i>	<i>9</i>
29	Land in farms.....acres.....	3,147	1,768	11,087	2,761	5,507	6,216	5,128
30	Improved land in farms.....acres.....	2,457	1,400	7,961	2,340	3,055	3,628	4,638
31	Value of land and buildings.....dollars.....	355,625	170,940	807,150	206,400	346,690	404,590	490,470
MORTGAGE DEBT REPORTS								
For all farms operated by owners:								
32	Number free from mortgage debt.....	393	737	324	312	1,321	964	485
33	Number with mortgage debt.....	505	690	633	530	1,016	743	581
34	Number with no mortgage report.....	26	16	7	14	9	15	15
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	333	491	418	382	858	632	666
36	Value of their land and buildings.....dollars.....	7,167,641	5,358,653	4,645,071	6,454,933	3,522,222	10,004,494	13,659,104
37	Amount of mortgage debt.....dollars.....	1,932,047	1,580,103	1,849,974	1,743,703	2,707,375	3,262,990	3,633,600
38	Per cent of value of land and buildings.....	27.2	29.5	39.1	27.1	31.8	32.6	26.6

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....	9,714	19,230	6,837	12,333	28,317	21,851	14,110
2	Dairy cows on farms reporting milk products.....	9,302	10,547	5,123	9,030	23,374	14,810	7,974
3	Milk—Produced.....gallons.....	3,383,444	3,705,109	1,141,204	3,778,377	8,842,153	6,050,404	3,123,976
4	Sold.....gallons.....	65,216	2,780,040	10,812	412,940	1,453,463	524,423	170,429
5	Cream sold.....gallons.....	35,740	135,550	33,000	110,660	302,250	252,013	52,265
6	Butter fat sold.....pounds.....	410,446	224,496	71,693	510,501	1,470,724	739,945	548,481
7	Butter—Produced.....pounds.....	431,454	886,159	225,030	179,092	330,430	338,088	550,076
8	Sold.....pounds.....	129,724	702,333	57,881	48,012	61,313	504,491	202,658
9	Cheese—Produced.....pounds.....	135	200		25	1,125	632	60
10	Sold.....pounds.....	75				835	607	
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	227,803	640,201	92,133	307,759	797,379	620,117	295,529
12	Receipts from sale of dairy products.....dollars.....	161,490	622,324	52,759	274,557	727,352	551,054	222,359
Poultry Products								
13	Poultry—Raised.....number.....	222,045	248,081	176,788	190,650	357,923	300,240	355,662
14	Sold.....number.....	69,619	108,936	67,790	70,154	139,697	128,130	98,491
15	Eggs—Produced.....dozens.....	931,910	959,029	689,540	689,430	1,466,649	1,146,114	1,240,008
16	Sold.....dozens.....	571,606	739,675	473,321	482,549	1,102,396	757,431	771,965
17	Value of poultry and eggs produced.....dollars.....	253,655	270,992	202,751	213,008	425,678	337,634	344,321
18	Receipts from sale of poultry and eggs.....dollars.....	130,833	186,030	115,540	121,538	267,370	208,920	172,012
Honey and Wax								
19	Honey produced.....pounds.....	22,525	20,280	14,721	18,091	70,169	83,841	33,141
20	Wax produced.....pounds.....	84	613	6	550	1,901	799	136
21	Value of honey and wax produced.....dollars.....	2,746	2,137	2,084	2,508	7,795	8,332	3,758
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....number.....	3,502	3,300	3,340	8,251	10,529	2,059	4,212
23	Mohair and goat hair, fleeces shorn.....number.....	62	5	117	11	459	1	133
24	Value of wool and mohair produced.....dollars.....	7,301	6,515	5,610	14,005	23,732	4,422	6,760
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	C calves—Sold or slaughtered.....number.....	1,467	3,791	1,367	1,724	9,379	2,931	1,307
26	Other cattle—Sold or slaughtered.....number.....	29,174	16,677	24,018	13,573	13,310	36,725	32,457
27	Horses, mules, and asses and burros—Sold.....number.....	1,668	1,278	2,781	1,129	1,002	2,117	1,211
28	Swine—Sold or slaughtered.....number.....	74,635	44,669	46,690	52,017	93,157	87,718	107,859
29	Sheep and goats—Sold or slaughtered.....number.....	4,399	2,091	6,379	7,608	6,537	2,914	16,455
30	Receipts from sale of animals.....dollars.....	2,850,330	1,263,149	1,708,279	1,663,334	2,195,667	3,603,443	3,584,750
31	Value of animals slaughtered.....dollars.....	94,052	88,395	70,603	74,424	131,392	134,533	145,923

STATISTICS OF AGRICULTURE.

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

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

	Davis.	Decatur.	Delaware.	Des Moines.	Dickinson.	Dubuque.	Emmet.	Fayette.	Floyd.	Franklin.	Fremont.	Greene.
1	1,650	1,461	1,398	1,427	472	1,882	531	2,138	1,084	1,007	1,133	1,075
2	<i>1,809</i>	<i>1,691</i>	<i>1,501</i>	<i>1,519</i>	<i>504</i>	<i>1,960</i>	<i>590</i>	<i>2,340</i>	<i>1,277</i>	<i>1,152</i>	<i>1,551</i>	<i>1,370</i>
3	73.7	67.5	63.3	71.5	47.9	78.3	50.7	68.4	56.8	52.6	55.3	50.0
4	<i>70.9</i>	<i>67.4</i>	<i>67.0</i>	<i>69.4</i>	<i>50.7</i>	<i>78.9</i>	<i>55.9</i>	<i>71.8</i>	<i>62.2</i>	<i>60.4</i>	<i>68.4</i>	<i>69.5</i>
5	231,297	216,199	220,635	173,415	92,297	291,399	102,484	296,522	163,610	179,366	166,011	172,282
6	182,311	175,481	188,911	128,907	83,660	217,473	86,026	239,093	146,494	159,185	147,850	151,723
7	13,801,066	14,045,739	19,324,582	18,271,319	6,727,505	22,922,523	7,363,736	22,637,641	14,476,727	16,031,609	19,184,760	18,798,201
8	1,299	1,113	1,200	1,119	350	1,712	423	1,710	790	851	867	836
9	351	348	198	308	122	170	108	423	294	156	266	239
10	1,568	1,391	1,039	1,049	338	1,356	286	1,602	782	573	1,033	878
11	81	70	359	378	134	526	245	525	302	434	98	197
12	1							11			2	
13	568	678	797	543	501	504	508	968	812	839	866	1,052
14	<i>780</i>	<i>807</i>	<i>720</i>	<i>682</i>	<i>481</i>	<i>505</i>	<i>454</i>	<i>898</i>	<i>784</i>	<i>730</i>	<i>1,024</i>	<i>925</i>
15	25.4	31.3	36.1	27.2	50.9	21.0	48.5	31.0	42.6	46.4	42.2	48.9
16	<i>28.4</i>	<i>32.2</i>	<i>36.5</i>	<i>30.2</i>	<i>48.3</i>	<i>20.3</i>	<i>45.0</i>	<i>27.5</i>	<i>37.2</i>	<i>39.0</i>	<i>42.8</i>	<i>40.0</i>
17	73,595	96,090	125,739	70,204	111,765	71,399	119,350	146,635	131,345	172,327	121,241	130,978
18	56,938	77,389	106,862	56,469	98,887	51,742	93,491	123,704	116,936	150,507	111,135	157,464
19	4,332,812	6,345,116	10,643,750	7,288,910	7,522,126	5,405,705	7,899,740	10,917,881	10,832,292	14,622,967	13,246,983	18,534,731
20	230	316	289	137	110	84	179	317	166	105	529	259
21	97	138	14	96	263	24	174	52	136	161	115	377
22	240	216	448	280	114	346	160	582	502	558	187	390
23	1	8	46	30	14	50	5	17	8	65	35	26
24	560	662	658	481	398	427	364	845	695	609	843	942
25	8	15	139	62	101	77	144	118	117	280	21	109
26		1			2			5			2	1
27	20	26	13	25	12	17	8	18	11	19	51	24
28	<i>18</i>	<i>10</i>	<i>11</i>	<i>8</i>	<i>10</i>	<i>20</i>	<i>12</i>	<i>25</i>	<i>13</i>	<i>12</i>	<i>19</i>	<i>15</i>
29	6,530	6,780	3,849	6,364	4,259	3,529	2,220	4,302	3,589	5,140	9,725	4,666
30	4,461	5,093	3,213	5,053	3,620	2,795	1,662	3,107	3,054	4,120	8,503	4,160
31	420,490	504,750	303,275	938,345	253,250	263,110	143,020	318,520	313,885	436,350	1,049,450	500,779
32	763	513	745	882	136	1,104	188	1,126	569	408	540	487
33	874	940	638	536	315	763	337	989	503	584	577	531
34	13	8	15	9	21	15	6	23	12	15	16	7
35	639	679	513	378	212	678	251	751	342	489	380	408
36	5,338,677	6,556,215	6,738,101	4,647,370	2,850,262	8,002,190	3,560,376	7,890,738	4,569,095	7,115,966	6,098,065	7,328,588
37	1,682,735	2,093,837	2,224,428	1,427,531	859,155	2,445,940	1,050,939	2,610,942	1,374,049	2,102,085	1,632,587	1,793,884
38	31.5	31.9	33.2	30.7	30.1	30.6	29.5	31.8	30.1	29.5	26.8	24.5

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	10,390	9,283	25,959	7,916	6,899	22,078	8,519	30,238	12,524	15,306	5,739	10,684
2	6,395	6,871	17,376	5,134	4,219	14,588	5,498	24,079	6,685	12,349	3,790	8,730
3	1,545,399	1,946,535	6,872,507	1,902,668	1,720,248	5,169,170	2,032,640	9,678,816	2,624,122	4,159,219	1,156,617	2,538,865
4	8,574	75,242	4,840,956	414,890	127,246	1,460,010	849,526	5,509,679	204,416	41,322	16,399	205,841
5	17,200	32,323	301,332	15,941	37,708	287,699	29,844	162,232	63,249	168,533	17,144	61,733
6	206,327	153,114	480,631	20,979	346,741	696,795	281,709	1,005,248	846,906	600,437	52,402	199,914
7	344,963	347,192	81,811	551,662	147,980	240,775	195,929	181,845	348,613	367,302	340,966	361,449
8	120,119	97,944	56,042	349,655	82,883	128,667	101,355	66,039	168,869	167,947	141,599	168,531
9	100	155	210	644		10,165		14,520		200		90
10			479			9,480		14,100				8
11	135,821	146,791	803,094	204,343	164,857	596,427	218,094	919,417	356,308	354,213	102,402	198,086
12	87,308	91,887	797,126	159,586	149,078	569,822	194,807	889,015	310,395	301,310	60,067	151,682
13	329,242	263,577	296,898	260,832	100,312	270,253	111,210	411,332	260,562	298,826	226,605	328,977
14	131,049	105,042	123,827	104,613	36,956	109,756	45,512	178,648	109,004	114,281	81,635	115,748
15	1,043,447	1,139,258	6,975,222	927,635	328,737	882,541	398,468	1,574,105	1,127,627	1,018,537	692,516	1,181,563
16	727,889	795,966	681,944	626,891	223,994	590,737	277,173	1,172,932	744,946	719,920	426,177	820,320
17	343,849	327,026	320,854	287,592	104,813	292,019	121,277	485,537	330,877	314,663	225,885	352,414
18	210,982	198,275	189,316	163,684	57,578	165,911	70,566	305,362	192,678	181,848	115,810	193,776
19	42,654	24,961	49,044	18,373	5,785	42,339	7,039	55,525	14,743	24,485	8,239	15,233
20	225	675	2,359	506	33	954	208	879	237	368	100	166
21	4,780	3,280	5,787	2,116	865	3,965	1,042	6,311	1,888	2,845	1,034	1,950
22	47,841	7,978	4,773	2,080	3,388	5,510	4,785	6,441	5,655	4,415	762	2,809
23	10	91	6	225	3	2		2	7			1
24	86,449	15,439	10,068	4,466	6,645	12,823	7,372	13,790	11,107	6,829	1,188	4,784
25	1,450	3,383	10,813	2,412	1,115	8,466	822	9,714	2,101	1,817	612	1,562
26	18,332	21,516	17,701	13,882	9,180	17,610	9,085	33,841	32,321	19,400	14,439	19,152
27	2,213	2,387	1,680	1,219	664	1,507	612	2,673	1,220	1,562	2,178	1,518
28	41,238	55,326	75,105	50,357	18,043	76,457	18,050	74,008	49,545	49,929	48,188	49,589
29	24,968	6,040	5,544	1,554	2,285	3,656	3,264	4,608	3,309	5,943	8,357	4,972
30	1,598,991	1,743,732	2,246,521	1,539,898	663,142	2,156,630	627,574	2,572,214	1,810,293	1,781,050	1,765,476	1,732,608
31	107,333	92,911	121,769	124,303	31,486	177,618	35,570	127,843	64,153	83,199	94,169	102,916

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

	Grundy.	Guthrie.	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	755	1,341	1,206	876	1,227	1,719	1,464	
2	Number of farms in 1900.....	<i>883</i>	<i>1,509</i>	<i>1,418</i>	<i>970</i>	<i>1,471</i>	<i>1,955</i>	<i>1,678</i>	
3	Per cent of all farms.....	42.8	57.6	58.4	53.5	54.9	50.0	68.3	
4	Per cent of all farms in 1900.....	<i>49.5</i>	<i>60.6</i>	<i>63.2</i>	<i>57.0</i>	<i>64.1</i>	<i>60.6</i>	<i>70.1</i>	
5	Land in farms..... acres.....	135,114	109,293	102,038	174,438	185,031	241,374	176,882	
6	Improved land in farms..... acres.....	128,891	105,057	172,370	161,366	106,542	203,351	135,307	
7	Value of land and buildings..... dollars.....	18,236,890	10,603,255	21,253,721	12,708,085	20,506,723	22,047,800	20,943,045	
8	Degree of ownership:								
9	Farms consisting of owned land only.....	593	1,021	1,055	644	980	1,367	1,176	
10	Farms consisting of owned and hired land.....	162	320	241	232	247	352	288	
11	Color and nativity of owners:								
12	Native white.....	411	1,194	751	441	838	1,410	1,271	
13	Foreign-born white.....	344	147	545	434	389	303	191	
14	Negro and other nonwhite.....				1			2	
FARMS OPERATED BY TENANTS									
15	Number of farms.....	1,000	974	901	749	994	1,175	664	
16	Number of farms in 1900.....	<i>890</i>	<i>953</i>	<i>805</i>	<i>714</i>	<i>807</i>	<i>1,248</i>	<i>665</i>	
17	Per cent of all farms.....	50.7	41.8	40.6	45.8	44.5	40.3	31.0	
18	Per cent of all farms in 1900.....	<i>49.9</i>	<i>38.0</i>	<i>35.9</i>	<i>41.9</i>	<i>35.2</i>	<i>38.7</i>	<i>29.5</i>	
19	Land in farms..... acres.....	180,907	150,858	160,218	161,052	163,089	161,033	82,852	
20	Improved land in farms..... acres.....	170,315	127,816	138,210	146,533	144,944	137,719	70,828	
21	Value of land and buildings..... dollars.....	23,099,200	14,048,942	16,550,120	11,205,268	17,313,927	13,970,203	10,849,972	
22	Form of tenancy:								
23	Share tenants.....	130	271	249	170	205	465	170	
24	Share-cash tenants.....	154	240	193	335	128	118	168	
25	Cash tenants.....	641	390	434	239	585	463	306	
26	Tenure not specified.....	75	97	25	5	75	129	20	
27	Color and nativity of tenants:								
28	Native white.....	673	914	610	480	760	1,068	614	
29	Foreign-born white.....	327	60	285	268	234	107	49	
30	Negro and other nonwhite.....				1			1	
FARMS OPERATED BY MANAGERS									
31	Number of farms.....	9	15	22	11	14	20	17	
32	Number of farms in 1900.....	<i>10</i>	<i>20</i>	<i>22</i>	<i>10</i>	<i>16</i>	<i>21</i>	<i>9</i>	
33	Land in farms..... acres.....	2,190	4,049	5,547	3,908	3,694	5,690	4,015	
34	Improved land in farms..... acres.....	1,902	2,838	4,763	3,491	3,301	5,068	3,047	
35	Value of land and buildings..... dollars.....	259,480	307,630	579,825	267,920	410,000	668,859	431,025	
MORTGAGE DEBT REPORTS									
For all farms operated by owners:									
36	Number freed from mortgage debt.....	387	556	529	277	524	500	803	
37	Number with mortgage debt.....	357	770	751	551	692	1,092	650	
38	Number with no mortgage report.....	11	15	16	18	11	67	11	
For farms consisting of owned land only:									
39	Number reporting debt and amount.....	264	569	585	377	518	778	477	
40	Value of their land and buildings..... dollars.....	0,630,478	8,706,579	10,054,030	5,082,185	9,046,418	9,725,950	6,230,344	
41	Amount of mortgage debt..... dollars.....	1,092,578	2,316,215	2,609,317	1,485,800	2,317,904	2,734,302	1,719,345	
42	Per cent of value of land and buildings.....	25.5	26.6	26.0	29.2	25.6	28.1	27.6	

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....	13,425	11,718	13,153	14,226	14,450	11,882	7,576	14,896
2	Dairy cows on farms reporting milk produced.....	8,052	8,856	9,113	8,440	8,700	8,373	5,793	5,832
3	Milk—Produced..... gallons.....	3,571,503	2,947,552	3,448,098	3,207,383	3,233,205	2,806,114	1,913,093	2,394,692
4	Sold..... gallons.....	1,777,838	86,722	503,540	32,980	169,093	73,125	164,014	166,775
5	Cream sold..... gallons.....	112,688	55,063	64,334	97,730	144,564	55,721	11,968	15,864
6	Butter fat sold..... pounds.....	309,513	510,804	209,732	713,650	501,675	244,680	35,124	1,148,375
7	Butter—Produced..... pounds.....	217,579	344,058	730,483	335,351	300,694	547,751	492,334	227,404
8	Sold..... pounds.....	69,669	102,858	404,371	183,504	103,894	215,533	248,941	124,751
9	Cheese—Produced..... pounds.....			262				6,489	
10	Sold..... pounds.....							2,553	
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	855,846	266,517	303,065	345,430	362,488	222,905	151,510	385,150
12	Receipts from sale of dairy products..... dollars.....	320,661	230,177	231,519	307,209	311,085	152,815	100,691	350,313
Poultry Products									
13	Poultry—Raised..... number.....	240,279	261,567	316,586	240,732	325,056	315,239	204,514	223,151
14	Sold..... number.....	93,400	99,464	128,666	94,800	113,058	92,908	109,046	90,779
15	Eggs—Produced..... dozens.....	1,101,361	950,590	1,078,544	820,276	1,228,031	1,383,897	1,488,501	723,331
16	Sold..... dozens.....	776,601	633,818	800,903	550,337	800,100	912,472	1,062,596	514,407
17	Value of poultry and eggs produced..... dollars.....	308,385	283,107	340,044	248,832	369,021	380,664	402,992	229,576
18	Receipts from sale of poultry and eggs..... dollars.....	180,791	152,002	202,606	138,311	212,652	201,605	241,502	139,369
Honey and Wax									
19	Honey produced..... pounds.....	14,590	17,517	22,569	13,892	28,741	23,140	15,809	18,594
20	Wax produced..... pounds.....	46	134	213	98	123	70	184	270
21	Value of honey and wax produced..... dollars.....	1,762	2,127	2,616	1,652	3,690	2,876	1,774	2,304
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn..... number.....	3,010	2,485	2,545	1,865	2,907	4,133	20,554	6,288
23	Mohair and goat hair, fleeces shorn..... number.....	4	459	2	3	1	1	574	
24	Value of wool and mohair produced..... dollars.....	7,450	4,678	5,084	3,523	6,098	5,439	41,331	12,229
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered..... number.....	2,581	2,814	2,671	3,045	3,261	2,538	1,272	2,564
26	Other cattle—Sold or slaughtered..... number.....	21,447	28,817	18,882	21,019	21,554	25,064	17,195	13,868
27	Horses, mules, and asses and burros—Sold..... number.....	1,947	2,220	1,026	1,042	2,351	2,248	2,289	1,622
28	Pigs—Sold or slaughtered..... number.....	65,282	53,547	45,922	36,408	64,675	76,071	50,416	35,941
29	Swine and goats—Sold or slaughtered..... number.....	3,755	3,807	3,958	2,990	5,128	18,014	15,057	3,527
30	Receipts from sale of animals..... dollars.....	2,205,335	2,166,366	1,658,386	1,204,810	2,134,985	2,752,158	1,818,391	1,102,909
31	Value of animals slaughtered..... dollars.....	95,342	92,550	78,519	70,628	92,648	102,676	124,768	69,017

STATISTICS OF AGRICULTURE.

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

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

	Humboldt.	Ida.	Iowa.	Jackson.	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.	Kossuth.	Lee.	Linn.
1												
2	844	744	1,489	1,869	2,038	1,417	1,905	1,417	1,967	1,431	1,704	2,505
3	<i>931</i>	<i>877</i>	<i>1,693</i>	<i>2,070</i>	<i>2,108</i>	<i>1,641</i>	<i>2,035</i>	<i>1,645</i>	<i>2,047</i>	<i>1,727</i>	<i>1,822</i>	<i>2,450</i>
4	57.2	50.5	64.5	77.9	62.3	70.1	71.8	67.2	71.0	53.9	72.2	69.2
5	<i>65.0</i>	<i>58.7</i>	<i>69.0</i>	<i>78.5</i>	<i>63.5</i>	<i>69.9</i>	<i>75.0</i>	<i>69.3</i>	<i>69.9</i>	<i>61.5</i>	<i>71.5</i>	<i>68.7</i>
6												
7	147,548	134,400	225,777	309,034	278,682	187,017	268,091	232,515	255,962	301,636	225,676	284,430
8	134,039	131,507	202,564	214,980	250,121	149,820	228,482	191,151	216,462	265,020	155,952	235,932
9	13,783,866	17,164,650	24,758,286	20,291,501	31,298,910	17,828,118	28,676,347	22,438,481	27,537,190	22,233,719	17,447,192	32,145,257
10	626	642	1,181	1,696	1,658	1,101	1,601	1,302	1,476	1,031	1,365	2,133
11	218	102	308	173	380	316	304	115	491	400	339	372
12	463	396	1,174	1,394	1,693	1,210	1,469	1,001	1,762	807	1,407	1,963
13	381	348	315	475	345	207	436	416	205	623	273	541
14										1	24	1
15	618	716	748	515	1,210	595	727	665	786	1,207	636	1,097
16	<i>541</i>	<i>608</i>	<i>736</i>	<i>552</i>	<i>1,185</i>	<i>648</i>	<i>660</i>	<i>711</i>	<i>871</i>	<i>1,061</i>	<i>709</i>	<i>1,082</i>
17	41.9	48.6	32.4	21.5	37.0	29.5	27.4	31.5	28.4	45.4	26.9	30.3
18	<i>36.6</i>	<i>40.7</i>	<i>30.0</i>	<i>20.9</i>	<i>35.7</i>	<i>29.4</i>	<i>24.3</i>	<i>30.0</i>	<i>29.8</i>	<i>37.8</i>	<i>27.8</i>	<i>30.5</i>
19	118,765	131,900	106,171	76,822	169,049	73,864	106,437	103,756	98,487	258,833	80,532	142,279
20	106,287	128,741	95,680	54,192	154,351	62,727	92,955	86,193	85,222	222,433	57,032	118,965
21	10,440,108	16,257,950	11,733,088	5,321,810	18,411,924	7,071,065	11,451,408	9,958,839	10,734,242	17,544,261	6,242,548	14,714,773
22	165	90	138	129	408	150	181	104	351	228	189	193
23	127	59	116	38	206	96	75	22	126	459	104	68
24	323	548	468	341	592	222	451	478	300	505	312	726
25	3	19	26	7	4	127	20	61	9	15	81	110
26	434	483	639	443	1,065	566	654	527	761	808	596	1,005
27	183	233	109	72	144	28	73	138	25	399	32	91
28	1			1	1	1	1				8	1
29	14	14	72	16	24	8	21	28	17	18	20	17
30	6	8	85	15	27	17	17	17	9	19	18	55
31	2,803	3,792	28,076	3,917	6,170	2,379	3,806	5,162	3,122	5,935	4,452	4,346
32	2,001	3,752	10,971	2,207	5,459	1,200	2,720	4,572	2,410	5,118	2,647	2,875
33	231,320	464,600	1,606,673	291,400	700,252	177,000	416,636	596,815	303,300	455,100	294,830	529,550
34												
35	304	294	731	997	1,062	748	1,147	778	1,053	444	1,091	1,455
36	533	439	738	860	968	650	750	622	903	971	601	1,027
37	7	11	20	12	8	19	8	17	11	16	12	23
38	373	351	553	743	731	471	618	532	599	649	450	830
39	5,965,020	8,220,868	9,407,816	7,857,276	11,691,532	5,509,109	8,952,539	8,380,020	8,070,980	9,345,441	4,688,735	10,085,609
40	1,814,097	2,112,798	2,747,642	2,757,249	3,449,938	1,648,440	2,505,020	2,633,371	2,358,634	2,718,845	1,282,565	2,814,218
41	30.4	25.7	29.2	35.1	29.0	28.0	31.4	28.2	29.1	27.4	27.9	27.9

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	10,048	7,368	13,352	21,436	13,851	8,141	11,853	18,682	11,893	22,923	10,021	20,634
2	7,408	3,466	11,234	12,606	9,516	6,214	8,306	11,326	10,110	12,963	7,378	13,002
3	2,612,310	1,192,894	4,427,809	4,651,931	3,238,395	1,669,693	2,472,361	5,270,825	2,977,082	4,186,795	2,208,110	4,747,152
4	369,895	40,250	298,458	503,546	218,047	84,650	306,517	1,013,577	42,409	656,454	279,017	1,265,876
5	85,410	52,027	86,785	239,586	89,724	39,846	61,519	281,837	85,304	173,182	30,660	212,222
6	390,699	224,315	272,102	1,100,824	410,462	109,252	84,219	1,070,019	107,275	1,213,301	40,424	606,569
7	192,206	376,769	636,491	262,791	457,571	331,178	590,535	95,484	524,030	100,107	606,031	400,746
8	88,157	130,532	327,223	97,474	200,986	125,006	321,873	47,618	207,097	55,533	365,804	207,347
9		140	160	1,000	868	1,003	770	60			100	
10				1,000	458	312	200	60				
11	235,395	107,320	305,790	526,637	279,838	133,094	242,223	509,482	189,648	570,110	215,700	566,871
12	210,933	114,874	232,836	487,303	220,142	88,884	183,803	556,979	121,067	544,101	163,993	524,230
13	202,081	177,838	353,032	253,594	474,424	283,611	395,898	265,732	375,875	397,575	299,142	434,669
14	79,578	56,821	127,254	109,724	172,210	100,347	133,796	102,282	140,661	158,719	120,043	169,605
15	731,723	746,236	1,280,302	864,685	1,606,547	1,270,739	1,378,250	1,103,632	1,690,078	1,215,426	1,248,444	1,394,882
16	524,708	478,773	824,199	579,976	1,130,470	936,410	947,422	764,304	1,256,867	829,296	944,090	930,344
17	222,972	205,202	392,235	280,430	518,371	344,761	422,222	327,375	476,902	398,257	344,173	483,164
18	129,865	106,788	206,284	102,051	287,214	206,427	231,211	190,910	295,374	224,313	223,328	267,613
19	21,271	22,204	31,912	38,271	22,774	24,292	27,225	30,930	26,356	9,096	29,417	36,160
20	250	52	737	534	576	109	1,054	323	288	32	443	737
21	2,498	2,707	3,682	4,090	2,720	3,186	3,334	3,612	3,430	1,234	3,125	4,559
22	2,094	2,028	7,686	4,846	6,695	5,801	8,532	4,283	7,005	5,163	21,982	7,625
23	6		50	132	457	49		48	286		1,420	1
24	3,857	3,893	15,562	10,245	13,445	12,315	17,327	7,661	12,676	8,931	46,519	15,148
25												
26	1,761	643	2,063	4,971	2,325	1,028	2,868	4,575	1,885	3,923	2,684	6,969
27	17,148	23,977	31,610	34,421	35,157	25,433	32,179	26,490	25,140	21,285	12,556	39,012
28	880	901	3,261	2,749	5,251	2,203	2,125	1,899	4,635	1,774	1,652	2,499
29	43,741	53,917	97,041	72,704	103,927	50,814	121,741	79,932	92,999	54,985	39,546	113,560
30	3,683	3,840	7,382	3,824	8,596	5,255	6,245	5,944	6,892	4,920	11,099	8,037
31	1,480,548	2,380,456	3,190,521	2,662,692	4,038,952	2,083,309	3,427,745	2,960,091	3,145,956	1,700,688	1,225,054	3,484,902
32	56,564	78,822	123,129	147,165	156,453	118,500	125,713	100,186	143,797	114,859	106,679	141,742

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

	Louisa.	Lucas.	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.
FARMS OPERATED BY OWNERS								
1	903	1,234	763	1,509	1,937	1,674	1,313	910
2	<i>1,068</i>	<i>1,364</i>	<i>858</i>	<i>1,693</i>	<i>2,028</i>	<i>1,816</i>	<i>1,438</i>	<i>1,148</i>
3	64.4	68.0	45.7	63.7	65.0	61.8	54.6	52.6
4	<i>65.8</i>	<i>72.1</i>	<i>51.4</i>	<i>65.1</i>	<i>63.3</i>	<i>62.3</i>	<i>59.7</i>	<i>56.9</i>
5	155,330	178,813	102,085	220,168	222,155	221,585	177,207	129,942
6	122,040	141,145	149,003	190,783	195,619	184,428	163,947	115,128
7	10,423,858	11,936,411	16,533,325	20,996,588	24,743,502	20,135,980	22,667,155	14,843,807
Degree of ownership:								
8	752	922	623	1,156	1,596	1,363	1,035	772
9	241	312	140	353	341	311	278	138
Color and nativity of owners:								
10	897	1,127	298	1,404	1,653	1,461	1,054	780
11	96	100	405	104	270	212	259	130
12		1		1	5	1		
FARMS OPERATED BY TENANTS								
13	543	559	898	835	1,020	1,016	1,093	784
14	<i>537</i>	<i>515</i>	<i>769</i>	<i>885</i>	<i>1,139</i>	<i>1,077</i>	<i>943</i>	<i>836</i>
15	35.2	30.3	53.7	35.2	34.2	37.5	45.2	45.3
16	<i>33.8</i>	<i>37.8</i>	<i>47.5</i>	<i>34.0</i>	<i>35.3</i>	<i>37.0</i>	<i>39.5</i>	<i>41.5</i>
17	78,849	77,753	186,210	110,210	124,149	118,872	176,531	117,503
18	60,487	60,688	172,094	92,765	109,903	103,065	163,628	106,691
19	8,131,918	5,104,826	17,877,217	10,146,825	13,200,721	11,066,481	21,648,070	12,925,121
Form of tenancy:								
20	290	268	63	260	304	438	258	369
21	127	98	228	151	161	209	221	96
22	109	183	558	387	551	330	604	249
23	17	10	47	37	4	30	16	70
Color and nativity of tenants:								
24	514	537	472	814	865	901	973	733
25	20	20	424	21	155	114	120	51
26		2				1	1	
FARMS OPERATED BY MANAGERS								
27	7	22	10	25	24	18	20	38
28	<i>16</i>	<i>13</i>	<i>13</i>	<i>33</i>	<i>35</i>	<i>31</i>	<i>30</i>	<i>31</i>
29	2,755	7,093	3,737	7,154	4,227	3,402	4,141	13,208
30	2,358	5,116	2,836	4,369	3,410	2,096	3,587	10,394
31	275,950	506,860	332,895	500,800	416,690	328,440	621,265	1,503,194
MORTGAGE DEBT REPORTS¹								
For all farms operated by owners:								
32	523	619	237	627	1,055	856	687	518
33	459	608	509	872	865	799	606	381
34	11	7	17	10	17	19	20	11
For farms consisting of owned land only:								
35	303	405	399	620	650	595	491	392
36	5,040,305	3,714,452	8,704,867	8,697,480	8,475,253	7,087,845	7,320,036	4,584,352
37	1,280,345	1,039,470	1,009,420	2,504,046	2,585,550	2,228,395	1,928,153	1,148,186
38	25.4	28.0	22.6	28.8	30.5	20.0	26.3	25.0

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	5,024	8,554	12,577	9,844	12,470	10,467	13,066	5,622
2	4,235	6,060	8,670	7,363	8,010	6,100	8,567	4,064
3	1,039,494	1,553,227	2,003,581	2,112,643	2,434,796	1,724,351	3,123,030	1,478,775
4	16,204	64,055	95,680	26,510	100,774	64,068	242,018	31,923
5	9,411	18,215	41,761	32,592	66,693	31,674	72,649	17,989
6	20,653	89,121	639,298	178,155	137,659	110,688	410,841	53,457
7	306,048	308,032	310,204	402,088	735,268	509,209	511,700	377,788
8	139,170	182,992	70,288	132,087	378,246	204,024	270,193	165,688
9	50	710		40	910	575		
10		700			640	308		
11	79,104	130,715	261,427	152,859	251,525	164,552	309,884	114,415
12	43,864	85,005	205,422	90,719	174,008	102,825	255,957	69,345
Poultry Products								
13	201,601	237,832	186,727	208,343	435,798	384,719	336,153	215,752
14	80,405	91,671	57,137	90,009	142,775	138,241	110,849	71,187
15	625,297	877,247	800,687	1,209,880	1,592,308	1,469,965	1,132,234	673,298
16	405,987	614,629	477,079	910,004	1,137,462	1,055,440	728,496	391,124
17	218,263	274,057	199,172	347,743	467,985	407,362	366,215	209,725
18	116,545	160,421	97,740	169,072	261,878	228,587	186,340	100,106
Honey and Wax								
19	24,012	15,177	8,087	27,954	30,638	22,263	20,433	6,536
20	1,303	197	1,078	170	177	73	247	30
21	3,030	1,968	1,326	3,447	3,754	2,720	2,825	911
Wool, Mohair, and Goat Hair								
22	2,823	10,181	3,093	5,031	16,535	12,270	5,742	1,678
23	228	240	2	380	25	219	49	70
24	5,609	19,003	6,054	8,257	33,113	22,986	11,687	2,961
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	1,330	1,081	1,054	1,460	2,662	1,021	2,259	963
26	19,111	17,334	15,956	32,033	21,871	23,199	22,422	15,792
27	1,297	1,869	1,149	3,038	3,422	2,826	2,374	1,419
28	51,268	39,773	51,802	72,283	82,240	74,212	79,447	40,877
29	3,086	9,683	3,085	12,495	10,915	23,078	6,287	6,341
30	2,056,703	1,447,108	1,612,277	2,756,405	2,550,400	2,601,549	2,528,156	1,717,635
31	75,842	81,776	91,180	110,225	148,001	131,228	108,415	68,684

STATISTICS OF AGRICULTURE.

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

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

	Mitchell.	Monona.	Monroe.	Montgomery.	Muscatine.	O'Brien.	Osceola.	Page.	Palo Alto.	Plymouth.	Pocahontas.	Polk.	Pottawattamie.
1	1,163	1,107	1,371	986	1,089	932	506	1,388	815	1,336	1,058	1,935	2,123
2	<i>1,285</i>	<i>1,399</i>	<i>1,416</i>	<i>1,167</i>	<i>1,209</i>	<i>1,099</i>	<i>619</i>	<i>1,730</i>	<i>598</i>	<i>1,800</i>	<i>1,221</i>	<i>1,817</i>	<i>2,348</i>
3	67.3	52.4	71.6	55.8	50.3	51.0	47.4	59.3	50.7	49.4	54.8	59.9	54.0
4	<i>73.6</i>	<i>66.2</i>	<i>71.3</i>	<i>60.3</i>	<i>61.2</i>	<i>59.8</i>	<i>56.9</i>	<i>65.5</i>	<i>60.1</i>	<i>66.8</i>	<i>60.9</i>	<i>57.3</i>	<i>55.4</i>
5	187,223	204,381	186,377	143,160	157,276	169,778	112,210	195,921	154,815	265,977	187,984	189,776	361,216
6	169,814	168,602	143,309	135,638	126,870	153,967	109,007	185,975	140,311	250,505	163,214	162,107	277,499
7	15,554,071	15,876,385	11,069,266	18,311,337	17,055,206	18,342,471	9,336,378	25,154,189	11,469,380	28,159,719	17,134,266	26,529,544	35,320,715
8	866	938	1,163	796	876	736	372	1,132	593	1,032	827	1,478	1,713
9	297	229	208	190	213	196	134	256	222	304	231	457	410
10	802	714	1,135	655	845	540	267	1,131	453	753	577	1,638	1,401
11	361	453	203	331	241	392	239	253	362	583	481	294	720
12	-----	-----	33	-----	3	-----	-----	4	-----	-----	-----	3	2
13	556	1,017	527	767	711	884	556	936	776	1,356	858	1,268	1,778
14	<i>440</i>	<i>1,060</i>	<i>653</i>	<i>764</i>	<i>767</i>	<i>738</i>	<i>467</i>	<i>900</i>	<i>658</i>	<i>1,127</i>	<i>767</i>	<i>1,318</i>	<i>1,868</i>
15	32.2	45.6	27.5	43.4	39.1	48.4	52.1	40.0	48.3	50.1	44.4	39.3	45.2
16	<i>26.6</i>	<i>42.8</i>	<i>27.8</i>	<i>38.9</i>	<i>32.3</i>	<i>40.0</i>	<i>42.9</i>	<i>34.1</i>	<i>39.0</i>	<i>42.6</i>	<i>38.5</i>	<i>41.6</i>	<i>45.1</i>
17	98,147	177,717	64,539	120,696	97,455	174,502	121,822	128,920	164,577	269,528	169,093	145,390	266,411
18	90,478	147,318	47,306	114,814	83,163	165,407	116,720	121,849	144,865	256,745	138,110	125,007	244,787
19	7,909,335	13,320,730	3,794,466	14,641,113	10,696,582	17,272,047	9,184,754	16,096,082	11,456,483	27,277,839	13,635,021	18,696,966	29,612,111
20	215	526	134	188	124	119	115	328	183	162	132	246	331
21	86	154	49	137	70	137	290	168	252	148	403	194	203
22	247	300	340	394	504	596	150	389	271	1,037	308	643	1,165
23	8	37	4	48	13	32	1	51	70	9	15	85	79
24	468	852	452	626	612	560	363	825	580	965	634	1,147	1,460
25	88	165	65	140	98	304	193	110	196	391	224	121	318
26	-----	-----	10	-----	1	-----	-----	1	-----	-----	-----	-----	-----
27	10	45	19	13	20	10	6	17	16	12	16	26	34
28	<i>13</i>	<i>26</i>	<i>18</i>	<i>19</i>	<i>10</i>	<i>8</i>	<i>2</i>	<i>13</i>	<i>5</i>	<i>16</i>	<i>17</i>	<i>36</i>	<i>23</i>
29	1,676	18,261	7,035	2,547	4,315	1,693	2,374	2,968	5,076	4,028	4,700	4,030	6,911
30	1,431	15,145	3,246	2,332	3,244	1,580	1,965	2,696	3,861	3,864	4,054	3,419	5,821
31	165,580	1,481,800	269,585	326,275	505,330	178,100	209,900	305,850	319,050	305,190	391,100	567,591	886,670
32	608	402	761	388	624	336	178	631	300	675	402	1,048	1,005
33	537	745	599	582	459	665	314	740	503	643	639	813	1,036
34	18	20	11	16	6	31	14	17	12	18	17	74	82
35	357	562	482	426	329	402	225	569	327	435	471	540	780
36	4,824,570	7,150,040	3,998,525	7,888,717	4,992,112	7,789,738	4,086,213	10,509,542	4,566,370	9,009,359	7,725,874	6,503,405	12,771,568
37	1,309,055	2,301,235	1,107,540	2,045,378	1,606,790	1,937,280	1,084,622	2,846,328	1,283,777	2,177,370	1,893,653	1,632,199	3,304,286
38	27.1	32.2	27.7	25.9	30.2	24.9	26.5	27.1	28.1	24.2	24.5	25.1	25.9

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1	12,738	9,824	9,152	6,682	8,853	13,571	8,883	9,641	13,062	15,119	10,286	12,611	16,622
2	9,831	8,942	8,119	4,852	6,286	10,170	8,753	8,439	6,330	12,921	4,305	10,699	10,391
3	4,001,547	3,232,020	1,870,347	1,649,776	2,264,968	3,566,435	2,711,811	2,383,559	2,376,325	4,689,835	1,400,783	4,105,725	3,855,250
4	103,015	14,758	132,040	64,917	461,457	264,768	18,224	166,372	1,067,753	163,161	28,526	1,529,599	518,257
5	146,239	40,316	14,441	35,200	84,404	54,813	35,286	123,156	37,032	43,112	68,848	55,125	125,125
6	689,073	235,756	94,043	139,335	42,985	532,271	395,550	290,794	525,011	534,608	268,538	427,354	245,008
7	256,087	471,344	455,868	321,018	576,802	325,471	133,724	382,037	129,285	644,498	461,815	270,348	1,085,606
8	62,070	182,999	249,166	117,671	366,682	115,219	29,276	129,987	92,306	332,311	218,704	136,373	591,809
9	130	825	267	564	100	-----	-----	1,464	4,400	-----	-----	1,175	80
10	42	800	115	-----	-----	-----	-----	4,200	-----	-----	-----	1,175	-----
11	351,268	194,462	168,989	148,114	234,633	303,056	167,564	211,006	348,727	343,913	200,773	445,533	455,647
12	301,419	129,731	119,464	100,788	189,050	252,900	141,325	155,659	339,027	269,251	146,720	415,125	342,287
13	209,329	261,784	208,184	235,358	236,872	194,355	124,254	290,608	218,894	346,599	343,751	395,528	502,335
14	86,796	74,657	80,701	85,853	95,389	68,331	48,241	112,521	79,785	82,080	111,787	139,106	165,139
15	875,491	1,006,874	688,750	791,555	720,326	732,091	450,628	1,017,365	654,104	1,299,398	927,293	1,225,949	1,651,499
16	660,277	651,739	422,228	529,066	464,060	489,124	300,768	651,632	447,965	877,112	650,284	777,128	1,042,598
17	254,054	290,233	225,014	249,732	249,732	207,916	131,571	305,915	207,934	355,815	307,231	433,800	525,312
18	164,066	148,177	120,443	126,973	137,019	113,686	72,957	168,280	113,353	180,595	162,619	222,232	265,683
19	18,534	22,162	17,393	7,251	26,342	10,988	2,868	8,989	3,204	21,352	7,315	21,838	10,706
20	683	699	85	55	391	85	10	73	728	345	77	309	239
21	2,405	2,335	2,543	924	2,918	1,350	373	1,123	1,748	2,544	930	3,166	1,485
22	3,673	385	4,023	2,551	2,744	9,978	4,064	4,371	2,041	3,093	1,613	1,476	3,223
23	3	26	47	35	26	-----	-----	117	3	-----	3	38	38
24	7,255	666	8,307	4,811	5,632	18,636	6,617	9,007	3,869	6,559	3,128	2,845	5,212
25	1,340	1,345	2,071	1,145	3,270	1,421	894	1,215	1,911	2,949	1,947	4,286	3,670
26	21,837	17,151	20,747	22,690	19,510	24,618	10,569	23,908	12,438	31,174	13,958	15,447	41,435
27	1,000	1,333	1,982	1,478	1,161	1,981	530	2,910	848	1,451	918	2,319	2,616
28	39,450	45,704	30,787	69,352	63,433	66,659	24,910	80,024	32,290	89,011	31,904	52,382	114,312
29	5,313	2,644	1,597	3,836	3,836	14,848	2,408	6,926	1,788	2,853	1,611	1,090	12,534
30	1,624,148	1,713,636	1,485,633	2,388,412	2,080,883	2,384,938	761,262	2,689,211	941,450	2,902,551	1,033,184	1,779,016	4,421,911
31	60,690	77,818	85,166	82,243	86,743	87,665	49,540	104,354	64,016	162,045	88,949	116,556	193,404

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

	Poweshiek.	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	1,396	1,411	1,078	1,389	1,295	1,267	1,286
2	Number of farms in 1900.....	<i>1,557</i>	<i>1,647</i>	<i>1,198</i>	<i>1,278</i>	<i>1,440</i>	<i>1,505</i>	<i>1,493</i>
3	Per cent of all farms.....	62.0	68.7	53.5	57.8	58.5	46.7	53.9
4	Per cent of all farms in 1900.....	<i>66.8</i>	<i>69.9</i>	<i>59.6</i>	<i>54.5</i>	<i>60.3</i>	<i>53.2</i>	<i>61.0</i>
5	Land in farms.....acres.....	216,540	226,176	190,321	144,177	218,470	224,054	179,224
6	Improved land in farms.....acres.....	202,122	203,281	174,196	120,322	207,158	207,427	159,366
7	Value of land and buildings.....dollars.....	25,990,740	15,702,986	23,288,281	10,617,199	28,363,043	27,795,196	22,162,070
Degree of ownership:								
8	Farms consisting of owned land only.....	1,133	1,153	861	1,261	1,059	970	970
9	Farms consisting of owned and hired land.....	263	258	217	128	236	297	316
Color and nativity of owners:								
10	Native white.....	1,148	1,328	677	851	687	566	928
11	Foreign-born white.....	248	83	401	537	607	701	358
12	Negro and other nonwhite.....				1			
FARMS OPERATED BY TENANTS								
13	Number of farms.....	832	610	915	1,003	809	1,435	1,068
14	Number of farms in 1900.....	<i>798</i>	<i>677</i>	<i>785</i>	<i>1,054</i>	<i>933</i>	<i>1,159</i>	<i>968</i>
15	Per cent of all farms.....	36.9	30.2	45.4	41.7	40.6	52.9	44.8
16	Per cent of all farms in 1900.....	<i>38.8</i>	<i>33.7</i>	<i>39.5</i>	<i>44.9</i>	<i>39.3</i>	<i>46.5</i>	<i>39.7</i>
17	Land in farms.....acres.....	198,192	91,952	184,900	129,804	147,516	248,088	165,336
18	Improved land in farms.....acres.....	130,488	82,622	150,652	118,210	140,477	229,028	148,096
19	Value of land and buildings.....dollars.....	15,665,935	6,153,910	10,889,485	10,369,500	18,375,336	20,352,756	18,957,167
Form of tenancy:								
20	Share tenants.....	235	204	142	57	160	137	298
21	Share-cash tenants.....	128	109	171	45	169	173	281
22	Cash tenants.....	468	292	534	890	556	1,020	471
23	Tenure not specified.....	1	44	68	11	24	105	18
Color and nativity of tenants:								
24	Native white.....	733	609	731	660	671	699	920
25	Foreign-born white.....	99	10	184	343	227	730	148
26	Negro and other nonwhite.....					1		
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	25	23	21	13	19	13	31
28	Number of farms in 1900.....	<i>29</i>	<i>28</i>	<i>22</i>	<i>15</i>	<i>9</i>	<i>7</i>	<i>15</i>
29	Land in farms.....acres.....	5,024	7,355	5,242	2,992	4,331	3,206	6,720
30	Improved land in farms.....acres.....	4,794	6,410	4,153	1,835	4,214	2,941	5,750
31	Value of land and buildings.....dollars.....	669,590	458,170	588,725	250,400	534,745	383,160	847,250
MORTGAGE DEBT REPORTS								
For all farms operated by owners:								
32	Number free from mortgage debt.....	611	441	489	818	515	562	521
33	Number with mortgage debt.....	774	949	577	557	764	686	739
34	Number with no mortgage report.....	11	21	12	14	26	19	26
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	586	735	410	484	548	491	512
36	Value of their land and buildings.....dollars.....	10,952,797	7,957,836	8,511,906	6,207,797	12,154,593	10,931,729	9,056,718
37	Amount of mortgage debt.....dollars.....	3,095,815	2,852,759	1,988,577	1,863,040	2,840,455	2,590,160	2,233,055
38	Per cent of value of land and buildings.....	28.3	20.0	23.3	30.0	23.4	23.7	24.7

* Includes agricultural data for Sac and Fox Indian Reservation.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....	12,013	10,056	12,059	17,295	11,741	19,148	12,659	16,260
2	Dairy cows on farms reporting milk produced.....	10,359	6,832	7,504	11,938	6,041	16,732	8,543	14,338
3	Milk—Produced.....gallons.....	3,697,302	1,602,618	2,403,482	5,169,020	2,230,221	6,387,683	3,194,895	4,673,478
4	Sold.....gallons.....	115,012	32,710	41,723	1,050,599	74,520	201,170	313,117	107,249
5	Cream sold.....gallons.....	55,490	48,971	105,768	44,023	33,274	224,305	69,257	103,665
6	Butter fat sold.....pounds.....	406,740	213,897	331,028	104,433	443,092	815,173	395,516	554,099
7	Butter—Produced.....pounds.....	447,266	200,488	371,375	1,444,568	474,841	512,593	538,394	494,123
8	Sold.....pounds.....	175,408	58,703	137,141	1,011,992	187,477	139,578	309,260	177,939
9	Cheese—Produced.....pounds.....		8,415		140		2,994	2,778	150
10	Sold.....pounds.....		8,400				2,784		
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	240,818	148,600	250,637	613,803	238,254	514,168	335,360	330,586
12	Receipts from sale of dairy products.....dollars.....	187,689	100,813	196,116	515,969	175,258	424,394	280,415	255,032
Poultry Products									
13	Poultry—Raised.....number.....	297,373	268,777	281,865	331,277	330,418	252,422	371,011	417,086
14	Sold.....number.....	118,528	108,456	93,432	125,030	113,072	71,066	124,362	137,461
15	Eggs—Produced.....dozens.....	1,067,801	962,195	1,053,330	1,118,618	1,087,075	1,398,201	1,513,680	1,475,750
16	Sold.....dozens.....	688,700	674,230	714,314	722,728	667,679	983,230	1,110,561	985,791
17	Value of poultry and eggs produced.....dollars.....	388,435	284,515	315,563	372,576	330,524	342,898	437,267	449,699
18	Receipts from sale of poultry and eggs.....dollars.....	185,028	169,000	167,706	201,842	166,235	192,423	252,085	235,884
Honey and Wax									
19	Honey produced.....pounds.....	22,948	15,549	22,562	23,381	24,200	14,177	22,210	24,179
20	Wax produced.....pounds.....	866	245	1,303	687	127	410	818	601
21	Value of honey and wax produced.....dollars.....	3,023	2,106	2,906	2,884	2,687	1,898	2,932	2,979
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	5,631	6,307	4,045	1,517	1,505	8,581	2,906	4,684
23	Mohair and goat hair, fleeces shorn.....number.....		208	2		20	14		6
24	Value of wool and mohair produced.....dollars.....	10,936	13,361	7,787	3,143	2,642	17,084	5,587	9,962
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number.....	1,694	2,359	1,559	5,796	1,521	2,173	2,729	1,592
26	Other cattle—Sold or slaughtered.....number.....	30,927	22,447	23,230	13,959	20,928	27,029	21,557	31,360
27	Horses, mules, asses and burros—Sold.....number.....	2,617	2,899	1,613	836	1,816	2,224	2,919	1,973
28	Pigs—Sold or slaughtered.....number.....	92,641	58,089	53,084	61,825	91,202	79,340	62,176	87,532
29	Sheep and goats—Sold or slaughtered.....number.....	4,555	5,558	3,377	961	10,231	11,394	4,661	5,692
30	Receipts from sale of animals.....dollars.....	3,245,970	2,038,160	2,007,474	1,634,436	3,000,948	2,723,100	2,231,002	3,005,611
31	Value of animals slaughtered.....dollars.....	94,782	72,790	90,328	126,824	127,092	155,519	95,839	130,494

STATISTICS OF AGRICULTURE.

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

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

	Taylor.	Union.	Van Buren.	Wapello.	Warren.	Washing- ton.	Wayne.	Webster.	Winnebago.	Winne- shiek.	Woodbury.	Worth.	Wright.
1	1,462	1,088	1,530	1,535	1,749	1,628	1,395	1,401	919	2,268	1,603	905	981
2	<i>1,629</i>	<i>1,180</i>	<i>1,686</i>	<i>1,682</i>	<i>1,924</i>	<i>1,697</i>	<i>1,606</i>	<i>1,610</i>	<i>1,065</i>	<i>2,410</i>	<i>1,771</i>	<i>1,078</i>	<i>1,118</i>
3	64.9	64.1	72.0	68.1	67.1	66.3	70.8	56.5	64.5	78.6	53.9	65.1	52.0
4	<i>68.1</i>	<i>64.7</i>	<i>70.7</i>	<i>67.6</i>	<i>67.8</i>	<i>67.6</i>	<i>70.3</i>	<i>63.0</i>	<i>64.5</i>	<i>81.4</i>	<i>64.8</i>	<i>72.5</i>	<i>59.2</i>
5	216,491	160,350	216,126	174,679	227,826	223,015	235,451	234,686	145,966	331,173	291,189	156,441	172,826
6	201,341	139,681	160,175	144,257	201,198	189,354	212,783	203,932	126,779	257,899	259,952	132,183	151,778
7	19,678,686	12,927,349	15,035,999	15,825,770	21,055,004	27,466,252	17,091,449	22,032,968	10,348,115	22,118,288	27,449,090	10,450,335	15,611,165
8	1,117	804	1,235	1,183	1,437	1,314	1,120	1,024	735	1,833	1,257	700	733
9	345	234	295	352	312	314	275	377	184	435	346	205	248
10	1,368	917	1,451	1,315	1,633	1,423	1,345	831	478	1,504	1,100	455	580
11	92	121	79	212	116	199	50	570	441	763	502	449	401
12	2	-----	-----	8	-----	1	-----	-----	-----	1	1	1	-----
13	772	554	575	693	831	807	502	1,063	497	599	1,338	475	888
14	<i>811</i>	<i>622</i>	<i>643</i>	<i>741</i>	<i>887</i>	<i>803</i>	<i>659</i>	<i>832</i>	<i>448</i>	<i>540</i>	<i>1,431</i>	<i>399</i>	<i>763</i>
15	34.3	34.2	27.0	30.7	31.9	32.9	28.5	42.9	34.9	20.7	45.0	34.1	47.1
16	<i>36.5</i>	<i>34.1</i>	<i>28.7</i>	<i>32.1</i>	<i>33.7</i>	<i>32.0</i>	<i>28.8</i>	<i>36.3</i>	<i>29.5</i>	<i>18.2</i>	<i>44.3</i>	<i>26.9</i>	<i>40.1</i>
17	113,707	84,782	78,792	81,477	107,056	112,874	85,555	186,285	89,310	91,810	224,033	88,670	174,821
18	104,793	74,829	59,911	68,231	93,999	98,393	78,525	158,848	76,061	74,459	200,310	76,270	146,620
19	9,548,671	6,720,202	5,449,368	7,370,661	9,393,962	13,596,772	6,052,717	10,935,206	5,951,940	6,150,789	19,881,955	5,887,807	14,635,035
20	183	107	217	222	238	256	210	288	170	219	342	267	223
21	128	78	60	116	125	188	72	211	98	63	224	62	320
22	441	305	218	351	354	303	260	532	218	298	656	135	324
23	20	64	74	4	114	62	20	32	11	19	116	11	21
24	757	535	567	661	803	766	555	803	320	477	1,061	349	641
25	15	18	6	31	25	40	6	258	177	122	276	123	247
26	-----	1	2	1	3	1	1	2	-----	-----	1	3	-----
27	20	27	21	27	28	19	12	14	9	20	35	11	16
28	11	21	15	8	15	11	20	16	1	10	29	10	15
29	5,309	7,675	5,597	3,673	7,231	3,086	2,915	2,621	2,390	2,934	8,916	2,871	7,594
30	4,749	5,945	2,936	2,529	5,813	2,551	2,744	2,305	2,232	2,358	7,534	2,170	6,593
31	12,530	582,810	317,020	352,380	580,780	343,390	181,040	274,200	162,400	221,965	873,120	191,490	465,605
32	552	412	871	808	798	887	498	585	282	1,345	599	451	339
33	903	603	642	713	934	720	894	800	626	905	961	446	635
34	7	23	17	14	17	21	3	15	11	17	43	8	7
35	613	418	489	507	885	523	682	534	471	696	686	315	458
36	7,890,124	4,951,959	4,654,018	5,291,634	8,093,277	8,725,879	8,181,786	8,702,707	5,291,592	6,502,142	12,425,470	3,452,088	7,295,180
37	2,257,449	1,325,696	1,413,734	1,473,355	2,125,870	2,478,501	2,358,796	2,048,965	1,608,847	1,923,249	3,430,221	1,108,046	2,042,799
38	28.6	26.7	30.4	27.8	26.3	28.4	28.8	23.5	30.4	29.6	27.6	32.0	28.0

*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	10,140	8,485	7,648	9,985	12,081	9,358	9,696	14,597	13,680	25,445	12,733	12,865	13,929
2	6,455	7,441	5,931	6,345	7,982	6,997	9,352	13,128	4,760	22,594	8,823	8,705	7,233
3	1,864,440	2,433,472	1,604,438	1,950,041	1,734,695	2,064,890	1,957,422	3,953,494	1,566,283	9,649,936	3,358,550	2,856,638	2,502,720
4	119,539	148,644	40,906	335,956	124,082	253,115	29,637	284,089	461,616	110,283	312,767	13,394	64,139
5	25,937	34,195	22,621	25,425	27,355	27,355	49,383	59,559	60,226	195,336	57,183	7,771	37,170
6	390,728	299,117	88,684	303,890	106,425	34,292	167,331	383,611	845,553	1,910,686	496,805	862,632	741,057
7	221,714	259,380	301,061	375,879	473,937	491,585	261,208	553,770	88,969	406,992	454,179	195,349	291,721
8	42,852	87,710	109,938	210,516	223,332	209,543	89,937	299,952	31,847	146,856	160,296	120,443	145,928
9	-----	1,917	850	-----	1,016	-----	-----	610	-----	2,686	1,335	-----	-----
10	-----	1,667	540	-----	352	-----	-----	-----	-----	1,515	1,233	-----	-----
11	172,812	171,884	112,586	237,390	172,941	161,344	135,634	297,335	339,304	662,623	311,902	317,589	312,529
12	131,704	131,020	70,478	198,428	117,591	100,594	99,609	240,942	323,283	599,759	247,007	295,977	273,960
13	265,886	214,709	283,441	265,822	334,985	334,824	273,117	323,223	157,816	315,138	329,277	157,434	257,184
14	95,489	81,530	107,100	103,141	121,043	113,961	107,126	112,860	63,517	108,837	105,751	71,702	112,182
15	976,772	796,795	1,133,066	861,621	1,167,721	1,381,482	984,697	1,063,724	600,535	1,307,022	1,251,947	585,853	802,997
16	669,158	523,902	840,282	560,373	817,720	1,007,703	657,522	719,509	466,205	982,081	759,581	446,356	531,110
17	274,460	248,556	323,159	278,586	364,591	401,246	316,909	331,182	169,823	371,844	362,602	172,880	262,109
18	155,636	134,520	201,648	154,769	205,801	235,794	182,288	178,309	111,104	236,773	179,714	114,091	148,648
19	9,353	17,335	31,231	29,020	29,108	27,240	25,131	26,350	9,605	45,078	42,002	7,543	25,342
20	71	454	218	553	283	744	234	566	54	1,068	1,826	93	182
21	1,187	2,366	3,470	3,827	3,431	3,308	3,635	3,186	1,216	5,218	5,021	912	3,108
22	9,586	4,761	36,526	10,522	5,016	5,484	4,394	1,720	1,770	12,347	7,218	1,716	2,514
23	433	151	147	65	291	140	2	91	-----	12	13	54	1
24	20,477	7,921	70,256	22,327	8,460	11,437	8,022	2,884	3,071	24,745	14,210	2,968	5,018
25	2,368	1,650	1,245	2,561	1,836	2,053	1,489	3,239	1,909	4,634	2,494	1,388	2,317
26	25,216	19,341	21,959	21,627	29,461	28,616	19,451	17,548	8,511	20,633	35,682	9,113	15,501
27	3,626	2,286	5,891	2,361	2,729	2,881	3,256	1,388	514	1,999	2,139	471	1,254
28	69,230	40,501	45,935	50,666	79,544	95,451	49,107	40,395	22,980	62,449	75,272	26,287	40,588
29	9,956	4,292	24,592	9,090	6,344	6,952	4,478	6,20	976	8,384	6,943	905	1,652
30	2,387,645	1,536,963	1,936,174	1,831,052	2,684,139	3,428,747	1,872,045	1,296,634	617,351	1,857,983	3,148,918	707,548	1,249,960
31	114,806	66,715	93,054	97,152	122,748	114,508	101,670	99,019	43,363	163,039	125,006	48,885	77,536

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

		THE STATE.	Adair.	Adams.	Allamakee.	Appanoose.	Audubon.	Denton.
VALUE OF ALL CROPS								
1	Total.....	dollars... 314,666,298	2,835,637	1,996,617	2,375,463	1,894,795	3,032,556	5,138,589
2	Cereals.....	dollars... 230,205,315	1,923,311	1,328,926	1,467,085	1,018,964	2,201,186	3,966,236
3	Other grains and seeds.....	dollars... 1,033,711	20,527	8,340	35,252	13,353	11,228	25,644
4	Hay and forage.....	dollars... 59,360,225	712,405	505,638	609,286	559,193	507,501	859,102
5	Vegetables.....	dollars... 12,021,408	105,134	76,601	97,480	103,206	81,514	192,443
6	Fruits and nuts.....	dollars... 5,017,769	43,642	56,842	20,260	119,087	34,255	42,696
7	All other crops.....	dollars... 5,527,870	21,618	20,264	146,100	80,992	17,292	52,268
SELECTED CROPS (acres and quantity)								
8	Cereals:							
9	Total.....	acres... 15,041,039	138,433	98,856	96,094	73,348	143,877	222,174
10	Corn.....	bushels... 489,893,118	4,073,452	2,506,379	3,185,506	1,849,525	5,073,538	8,605,884
11	Oats.....	bushels... 341,760,400	3,273,972	1,953,068	1,063,820	1,464,540	3,085,505	5,742,496
12	Wheat.....	acres... 4,055,154	30,406	21,043	34,919	13,651	34,781	73,867
13	Wheat.....	bushels... 128,198,055	674,472	477,528	1,090,332	341,451	835,331	2,570,382
14	Wheat.....	acres... 526,777	3,624	1,864	3,264	3,209	5,798	787
15	Wheat.....	bushels... 8,055,944	38,893	47,445	25,216	38,791	66,675	12,491
16	Wheat.....	acres... 7,256	142	228	3	78	30	42
17	Wheat.....	bushels... 139,839	2,268	3,171	60	898	900	1,140
18	Wheat.....	acres... 571,224	5,697	1,835	15,128	14	9,580	12,972
19	Wheat.....	bushels... 10,004,184	80,830	24,003	373,527	153	184,397	261,183
20	Wheat.....	acres... 9,066	29	14	301	20	25	194
21	Wheat.....	bushels... 120,559	688	242	4,075	146	256	2,913
22	Wheat.....	acres... 42,042	169	30	465	380	36	996
23	Wheat.....	bushels... 570,990	2,323	282	7,867	3,540	465	15,049
24	Other grains and seeds:							
25	Dry peas.....	acres... 731			34	15		
26	Dry peas.....	bushels... 9,007	2		324	81		
27	Flaxseed.....	acres... 15,540			95			
28	Flaxseed.....	bushels... 140,900			1,102			
29	Hay and forage:							
30	Total.....	acres... 5,046,185	57,448	38,619	56,275	58,592	39,853	59,872
31	All tame or cultivated grasses.....	tons... 7,833,181	82,196	60,035	92,712	67,123	67,924	115,668
32	All tame or cultivated grasses.....	acres... 4,005,956	52,041	34,343	52,623	57,107	35,454	52,415
33	Timothy alone.....	tons... 6,103,997	72,604	49,410	82,922	64,480	57,705	101,837
34	Timothy alone.....	acres... 1,312,422	15,081	5,555	21,362	11,511	7,533	15,804
35	Timothy alone.....	tons... 1,952,056	22,208	8,130	31,728	12,063	11,534	27,837
36	Timothy and clover mixed.....	acres... 2,445,830	35,004	27,722	29,105	43,401	26,703	35,544
37	Timothy and clover mixed.....	tons... 3,732,180	48,395	30,595	47,343	48,893	43,848	71,415
38	Clover alone.....	acres... 125,751	913	815	988	470	684	1,285
39	Clover alone.....	tons... 195,570	1,303	1,185	2,003	447	1,178	2,292
40	Alfalfa.....	acres... 29,143	60	04	1	24	71	72
41	Alfalfa.....	tons... 84,560	104	178	4	40	144	68
42	Alfalfa.....	acres... 31,547	123	147	338	1,641	324	132
43	Alfalfa.....	tons... 54,340	304	280	698	2,153	847	284
44	Other tame or cultivated grasses.....	acres... 61,257	251	40	834		74	68
45	Other tame or cultivated grasses.....	tons... 84,861	320	42	1,146		157	81
46	Wild, salt, or prairies grasses.....	acres... 845,054	3,809	2,030	1,453	423	3,323	5,178
47	Wild, salt, or prairies grasses.....	tons... 1,178,000	6,515	3,440	3,105	586	6,521	7,975
48	Grains cut green.....	acres... 17,131	201	81	101	101	536	263
49	Grains cut green.....	tons... 30,594	247	175	214	85	1,011	673
50	Coarse forage.....	acres... 177,113	1,337	2,105	2,097	961	535	2,016
51	Coarse forage.....	tons... 510,184	6,098	6,457	1,960	1,960	2,694	5,263
52	Special crops:							
53	Potatoes.....	acres... 169,567	1,289	776	1,487	750	1,277	2,012
54	Potatoes.....	bushels... 14,710,247	98,520	61,658	103,389	48,724	123,902	179,850
55	Sweet potatoes and yams.....	acres... 2,274	4	2		9	1	1
56	Sweet potatoes and yams.....	bushels... 232,413	186	330		1,083	126	130
57	All other vegetables.....	acres... 80,402	598	410	574	928	387	3,904
58	Sugar beets.....	acres... 1,051			2			105
59	Sugar beets.....	tons... 7,117			11	1		559
60	Cane, sorghum.....	acres... 6,225	37	31	68	248	5	28
61	Cane, sorghum.....	tons... 28,057	214	132	305	1,089	60	135
62	Shrup (made).....	gallons... 250,205	1,500	814	3,854	8,330	500	1,547
FRUITS AND NUTS								
63	Orchard fruits:							
64	Total.....	acres... 8,208,387	92,156	122,266	43,550	167,317	66,761	77,443
65	Apples.....	bushels... 7,234,168	66,566	93,302	33,587	172,504	69,387	27,131
66	Apples.....	acres... 5,847,034	69,750	92,202	38,110	70,800	50,785	43,629
67	Apples.....	bushels... 6,746,608	64,030	91,042	33,056	150,806	47,195	21,915
68	Peaches and nectarines.....	acres... 1,090,740	5,220	13,038	51	48,288	940	3,697
69	Peaches and nectarines.....	bushels... 23,180	51	32	2	205	27	53
70	Plums and prunes.....	acres... 1,155,041	8,805	7,084	4,031	19,620	9,621	13,451
71	Plums and prunes.....	bushels... 168,030	570	650	434	3,900	1,475	1,540
72	Cherries.....	acres... 908,764	7,170	7,512	678	14,073	4,960	15,802
73	Cherries.....	bushels... 260,432	1,160	1,510	90	6,628	637	3,541
74	Grapes.....	vines... 1,983,465	14,325	18,766	2,074	10,609	15,038	15,097
75	Grapes.....	pounds... 11,708,330	68,481	97,220	8,803	179,085	65,632	92,762
76	Small fruits:							
77	Total.....	acres... 7,211	73	45	32	61	52	80
78	Strawberries.....	quarts... 10,344,052	66,766	47,555	28,342	105,450	50,142	114,389
79	Strawberries.....	acres... 2,917	20	12	20	19	14	31
80	Raspberries and loganberries.....	quarts... 5,330,105	21,120	11,930	10,741	28,242	14,071	54,777
81	Raspberries and loganberries.....	acres... 1,573	8	4	4	7	7	25
82	Blackberries and dewberries.....	quarts... 1,728,547	7,955	4,464	3,491	6,745	6,568	26,452
83	Blackberries and dewberries.....	acres... 2,270	38	26	7	28	22	29
84	Blackberries and dewberries.....	quarts... 2,733,728	29,741	26,098	3,614	57,000	21,835	27,580
85	Nuts.....	acres... 163,337	1,312	96	255	678	243	1,127
86	Nuts.....	pounds... 1,721,205	20,755	3,030	5,265	18,985	920	14,290

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	108,890	1,031	741	1,177	893	900	1,565
2	Labor.....	Cash expended.....	18,580,390	130,109	107,031	170,599	76,711	161,192	328,418
3	Labor.....	Rent and board furnished.....	6,106,292	40,963	27,952	65,152	19,112	55,821	106,848
4	Fertilizer.....	Farms reporting.....	1,776	52	51	10	27	13	65
5	Fertilizer.....	Amount expended.....	109,570	1,910	1,242	1,097	422	286	1,417
6	Feed.....	Farms reporting.....	81,803	941	841	913	862	716	862
7	Feed.....	Amount expended.....	18,582,251	216,565	237,816	100,795	128,866	162,211	202,299
8	Receipts from sale of feedable crops.....	dollars...	57,034,312	365,612	177,402	128,827	204,748	632,131	1,533,641

STATISTICS OF AGRICULTURE.

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

	Blackhawk.	Boone.	Bremer.	Buchanan.	Buena Vista.	Butler.	Calhoun.	Carroll.	Cass.	Cedar.	Cerro Gordo.
1	3,484,601	3,183,319	2,338,856	3,267,330	3,373,801	3,231,660	2,911,656	3,401,057	3,695,022	4,120,644	3,090,987
2	2,471,643	2,403,260	1,613,462	2,331,176	2,643,178	2,504,496	2,403,408	2,600,099	2,725,772	3,051,931	2,345,203
3	5,266	3,565	3,633	11,362	2,981	12,466	2,812	3,833	10,495	81,761	7,729
4	726,748	605,899	531,389	717,314	573,705	545,448	401,446	628,172	727,355	822,842	534,986
5	168,931	96,992	120,878	132,265	113,789	102,795	68,858	123,346	126,353	114,122	116,788
6	37,336	42,129	22,588	29,104	29,099	23,885	30,852	33,516	73,923	33,453	31,120
7	74,677	31,474	46,906	46,109	11,149	42,570	4,280	10,041	29,094	66,535	55,161
8	158,187	170,752	119,215	151,028	169,477	173,288	192,928	188,005	169,315	157,993	166,831
9	5,333,242	5,474,896	3,688,399	5,066,300	5,951,061	5,608,762	5,531,638	5,609,677	5,720,766	6,295,891	5,308,988
10	95,572	108,059	60,827	82,358	104,688	102,111	107,137	112,453	113,086	105,587	89,044
11	3,498,697	3,740,355	2,162,238	3,259,593	3,782,326	3,444,540	3,395,657	3,652,859	4,540,212	4,825,993	3,405,752
12	54,567	59,429	53,015	52,269	81,248	65,705	83,272	61,484	36,833	32,507	73,572
13	1,686,616	1,685,382	1,423,671	1,680,691	2,122,668	2,077,966	2,095,289	1,458,241	890,351	1,084,262	1,829,094
14	225	1,832	305	416	539	341	667	6,951	14,050	2,744	590
15	4,051	26,935	4,573	7,927	7,511	4,915	11,047	78,291	196,425	54,723	10,237
16	103	8	2	56	15	55	-----	132	102	39	19
17	3,045	160	57	1,873	400	1,440	-----	2,010	1,705	820	240
18	5,469	1,136	4,280	4,537	1,923	2,967	1,816	6,939	5,099	16,421	3,226
19	113,168	18,078	87,255	97,823	37,426	54,568	29,132	117,450	90,272	320,338	53,232
20	87	101	60	420	67	153	21	35	9	80	262
21	1,149	1,552	691	5,958	730	1,151	213	636	85	1,161	3,819
22	2,164	187	726	-----	-----	1,956	10	11	136	615	118
23	26,496	2,434	9,914	12,435	-----	24,162	150	190	1,716	8,594	1,614
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
25	-----	2	1	15	48	40	107	8	-----	-----	202
26	-----	5	9	132	280	258	707	70	-----	-----	1,465
27	-----	30	90	-----	-----	-----	-----	-----	-----	-----	-----
28	57,578	48,751	53,154	66,860	52,441	50,465	39,010	44,337	49,685	49,936	56,224
29	98,786	70,931	87,108	101,765	88,126	88,134	57,115	76,498	80,253	88,461	79,278
30	41,668	29,606	25,847	46,904	30,178	36,169	21,227	29,843	47,016	48,452	42,364
31	68,047	42,718	41,725	72,221	50,517	58,729	33,270	51,345	74,916	84,421	57,899
32	9,573	8,168	8,322	22,903	8,945	9,439	6,597	6,885	19,987	22,411	11,414
33	14,819	11,113	12,565	34,186	14,184	14,472	10,583	10,583	31,967	38,475	15,267
34	31,274	19,732	10,967	21,946	19,041	24,880	13,641	20,920	23,972	23,655	25,358
35	51,874	28,993	19,620	35,074	32,833	40,962	21,942	37,174	36,449	42,032	39,326
36	412	496	249	208	852	694	294	1,145	3,766	2,222	651
37	660	758	470	372	1,605	1,444	408	2,019	5,925	3,069	1,038
38	32	71	5	2	75	47	117	8	126	17	13
39	62	134	14	2	190	16	83	225	266	35	47
40	120	593	181	88	302	500	326	224	97	26	149
41	247	938	352	140	545	879	483	418	226	37	226
42	257	546	6,123	1,757	963	658	322	552	68	121	1,779
43	385	782	8,704	2,447	1,410	947	451	924	84	143	1,965
44	10,416	17,125	20,327	14,463	20,175	11,042	17,424	13,797	1,843	379	11,049
45	14,646	21,323	28,522	18,172	29,396	16,754	23,162	23,670	3,149	577	12,559
46	206	175	201	424	56	178	87	219	94	82	398
47	389	333	643	1,021	97	313	107	380	137	133	825
48	5,288	1,845	6,779	5,069	2,032	3,078	272	478	732	1,023	2,503
49	15,704	6,557	10,218	10,351	7,819	10,347	576	1,104	2,051	3,330	7,965
50	2,506	1,427	1,572	1,512	1,858	2,324	1,148	2,400	1,547	1,600	1,942
51	200,584	103,053	134,857	127,236	173,893	163,577	87,608	215,415	131,202	135,725	182,823
52	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
53	7	129	38	6	74	66	6	3	2	-----	-----
54	1,078	519	1,473	709	704	560	519	501	1,531	567	481
55	24	144	169	169	-----	11	-----	-----	-----	-----	172
56	160	6	967	836	-----	84	-----	-----	-----	-----	1,671
57	136	84	51	55	-----	13	6	17	7	18	13
58	930	308	404	298	-----	96	39	87	29	85	84
59	10,009	4,115	3,207	4,057	-----	884	322	461	287	884	1,242
60	59,295	95,293	37,516	37,986	52,731	48,203	48,504	60,131	104,737	91,547	67,899
61	22,040	47,508	17,028	17,064	56,987	23,388	50,624	48,814	132,479	20,480	39,222
62	40,739	64,164	28,089	25,717	37,474	40,451	33,546	45,267	83,763	40,658	57,305
63	18,921	42,946	15,909	14,551	55,467	22,482	49,068	47,635	129,318	15,852	38,260
64	217	604	215	147	1,241	90	351	642	3,020	19,745	93
65	36	11	1	32	1	2	20	61	75	59	30
66	11,354	10,555	5,981	7,351	9,552	5,238	11,059	8,111	9,392	11,522	9,156
67	1,748	2,913	684	1,291	369	417	1,283	1,089	1,324	363	849
68	6,683	13,029	3,097	4,335	3,704	2,234	3,136	5,438	7,933	16,643	988
69	1,300	1,545	409	1,154	140	456	201	563	1,695	4,039	75
70	6,636	19,572	2,261	3,723	3,646	2,068	8,653	13,275	14,468	10,269	628
71	34,110	118,057	7,481	19,387	6,994	12,457	29,511	57,866	74,661	85,246	7,712
72	122	59	49	72	33	57	34	55	64	48	34
73	154,447	73,185	84,097	114,439	37,968	85,868	43,351	56,927	95,542	76,524	54,977
74	52	35	27	46	20	34	29	32	28	22	19
75	87,893	44,495	60,871	87,024	26,993	64,669	38,221	38,956	56,167	41,346	37,595
76	39	12	17	11	8	12	2	8	12	10	10
77	35,902	11,035	17,093	12,918	6,980	11,395	2,352	8,583	9,771	9,853	10,337
78	22	8	4	9	3	9	1	8	20	15	4
79	21,504	13,718	4,958	10,394	2,493	7,390	795	7,007	22,630	22,020	5,398
80	1,721	2,784	-----	1,180	743	213	1,603	4,460	2,604	1,143	457
81	7,205	50,730	5,718	12,407	3,330	6,170	15,169	44,717	16,079	9,928	5,970

AND RECEIPTS, BY COUNTIES: 1909.

1	1,067	1,180	959	1,064	973	1,019	912	1,069	1,144	1,318	1,002
2	224,367	133,875	148,034	149,246	174,623	166,205	136,589	178,267	218,740	269,840	183,000
3	77,685	56,715	61,945	53,531	65,431	39,776	44,605	66,385	69,521	93,233	66,019
4	11	23	23	18	10	14	5	21	11	12	14
5	884	310	940	1,182	414	4,168	180	1,080	927	387	418
6	736	838	639	836	682	604	635	632	941	814	664
7	176,402	99,446	64,351	165,476	184,890	95,242	85,731	107,494	357,091	271,078	99,197
8	530,575	905,406	245,321	467,458	838,023	694,388	975,654	832,445	650,795	690,252	516,289

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

		Cherokee.	Chickasaw.	Clarke.	Clay.	Clayton.	Clinton.	Crawford.	Dallas.
VALUE OF ALL CROPS									
1	Total.....	dollars.. 3,807,846	2,245,443	1,490,104	2,530,135	3,074,440	4,924,104	4,580,221	3,631,651
2	Cereals.....	dollars.. 2,955,412	1,538,373	801,523	1,932,814	2,555,588	3,532,399	3,570,838	2,823,036
3	Other grains and seeds.....	dollars.. 3,578	70,750	32,100	10,131	32,002	0,048	7,151	7,041
4	Hay and forage.....	dollars.. 658,543	471,835	506,935	478,291	945,343	1,134,100	799,618	531,944
5	Vegetables.....	dollars.. 132,198	91,282	54,988	67,718	183,747	125,539	138,765	103,166
6	Fruits and nuts.....	dollars.. 36,825	17,005	54,932	16,846	51,235	46,552	30,137	71,282
7	All other crops.....	dollars.. 21,200	47,198	39,026	18,335	206,525	76,376	24,712	45,132
SELECTED CROPS (acres and quantity)									
Cereals:									
8	Total.....	acres.. 197,861	131,438	77,247	155,736	158,930	177,071	226,121	178,319
9	Corn.....	bushels.. 6,945,363	3,493,453	1,567,180	4,440,455	5,383,904	7,072,366	7,529,365	6,117,603
10	acres.....	112,946	61,724	56,214	82,035	76,067	121,870	141,548	121,014
11	Oats.....	bushels.. 4,547,838	1,962,306	1,173,982	2,634,940	3,101,830	5,457,480	5,704,842	4,494,432
12	acres.....	75,646	61,811	17,654	71,356	50,507	41,190	50,422	50,251
13	Wheat.....	bushels.. 2,234,828	1,306,240	353,377	1,705,901	1,823,182	1,313,847	1,414,870	1,542,576
14	acres.....	1,108	1,032	2,135	542	2,312	2,823	17,358	3,117
15	bushels.. 13,572	16,032	25,910	7,340	44,571	50,119	208,252	49,953	
16	acres.....	38	35	202	1	116	63	114	
17	bushels.. 835	973	1,813	30	1,730	30	2,240		
18	Barley.....	acres.. 8,079	6,100	934	1,648	18,717	0,024	10,565	1,593
19	bushels.. 147,065	109,170	10,811	30,816	383,908	224,095	197,753	26,216	
20	Buckwheat.....	acres.. 31	407	30	48	158	81	1	
21	bushels.. 395	4,583	560	421	2,824	1,097	15	27	
22	Rye.....	acres.. 15	320	60	106	1,402	1,102	113	341
23	bushels.. 540	4,050	727	1,007	26,273	17,318	1,413	4,389	
Other grains and seeds:									
24	Dry peas.....	acres.. 5	5	5	510	510	510	510	
25	bushels.. 120	120	120	6,250	6,250	6,250	6,250	6,250	
26	Flaxseed.....	acres.. 22	912	231	6	6	6	6	
27	bushels.. 230	8,055	1,277	40	40	40	40	40	
Hay and forage:									
28	Total.....	acres.. 48,334	54,587	53,207	57,275	71,996	70,933	58,807	42,138
29	tons.. 82,344	86,965	59,607	82,239	126,416	127,288	95,687	84,079	
30	All tame or cultivated grasses.....	acres.. 35,500	34,309	48,174	32,445	67,023	60,288	51,541	33,124
31	tons.. 90,133	53,451	50,927	46,885	115,428	112,231	82,770	48,797	
32	Timothy alone.....	acres.. 9,935	15,162	15,090	12,600	22,625	10,547	11,231	11,425
33	tons.. 15,023	22,774	16,780	16,987	38,087	32,406	17,112	16,460	
34	Timothy and clover mixed.....	acres.. 24,424	16,775	32,199	18,044	41,482	42,090	37,165	20,011
35	tons.. 41,789	27,028	33,828	27,051	71,563	73,712	60,116	29,804	
36	Clover alone.....	acres.. 720	242	115	419	1,940	2,007	2,288	1,040
37	tons.. 1,301	478	116	747	3,601	3,074	3,503	1,422	
38	Alfalfa.....	acres.. 162	2	9	23	27	20	330	
39	tons.. 472	7	15	32	83	36	1,040	290	
40	Millet or Hungarian grass.....	acres.. 105	90	151	132	109	217	339	
41	tons.. 210	186	194	214	340	300	676		
42	Other tame or cultivated grasses.....	acres.. 220	2,020	10	1,258	741	1,801	179	
43	tons.. 438	2,078	5	1,854	1,154	2,613	323	812	
44	Wild, salt, or prairie grasses.....	acres.. 11,927	15,173	357	24,102	2,051	2,288	6,395	7,129
45	tons.. 18,795	20,882	433	33,233	3,162	3,270	11,044	9,504	
46	Grains out green.....	acres.. 96	51	117	123	85	104	163	259
47	tons.. 133	51	136	175	207	210	250	729	
48	Coarse forage.....	acres.. 745	5,020	4,550	2,837	2,253	2,253	508	1,626
49	tons.. 3,293	12,250	8,111	1,946	7,010	11,662	1,523	5,049	
Special crops:									
50	Potatoes.....	acres.. 2,096	1,350	442	1,070	2,432	1,584	2,542	1,089
51	bushels.. 214,581	111,800	24,074	90,405	210,267	140,425	270,543	76,923	
52	Sweet potatoes and yams.....	acres.. 6	1	1	2	1	12	7	
53	bushels.. 0	287	2	25	1,730	5	1,271		
54	All other vegetables.....	acres.. 508	543	513	484	058	667	550	730
55	Sugar beets.....	acres.. 3	3	2	2	2	2	2	
56	tons.. 32	32	62	2	7	46	30	66	
57	Cane, sorghum.....	acres.. 8	20	227	812	260	122	321	
58	tons.. 48	105	2,073	16	8,165	1,698	746	1,172	
59	Sirup (made).....	acres.. 200	1,643	2,073	16	8,165	1,698	746	
FRUITS AND NUTS									
Orchard fruits:									
60	Total.....	trees.. 53,398	33,655	103,563	34,499	81,984	61,627	58,421	125,483
61	bushels.. 69,834	17,851	93,669	26,347	58,699	18,949	53,684	85,663	
62	Apples.....	trees.. 38,049	29,748	57,134	24,172	60,432	27,720	41,613	82,391
63	bushels.. 60,048	17,541	91,731	25,918	52,918	13,560	51,130	78,811	
64	Peaches and nectarines.....	trees.. 62	30	23,731	6	187	7,734	307	10,240
65	bushels.. 1	27	27	8	99	52	73		
66	Plums and prunes.....	trees.. 11,303	2,758	11,407	8,536	10,890	0,560	10,051	14,547
67	bushels.. 602	164	434	292	2,057	401	1,916	1,552	
68	Cherries.....	trees.. 3,717	1,024	8,341	1,528	4,166	14,071	5,980	15,947
69	bushels.. 174	116	1,061	64	632	4,677	556	4,475	
70	Grapes.....	vines.. 4,328	583	14,110	805	13,414	20,022	16,839	22,203
71	pounds.. 13,994	1,810	81,449	2,052	50,902	158,777	73,344	149,141	
Small fruits:									
72	Total.....	acres.. 34	49	30	16	69	122	17	78
73	quarts.. 32,912	58,506	31,393	18,537	75,376	214,468	20,161	93,513	
74	Strawberries.....	acres.. 21	26	9	13	24	59	8	32
75	quarts.. 26,677	33,081	9,571	14,826	30,604	130,832	8,832	46,270	
76	Raspberries and loganberries.....	acres.. 6	15	1	1	18	27	2	13
77	quarts.. 2,663	15,206	888	1,125	17,371	35,524	1,954	14,069	
78	Blackberries and dewberries.....	acres.. 4	8	15	1	20	27	7	26
79	quarts.. 3,173	9,180	16,053	1,126	20,662	37,283	7,415	26,143	
80	Nuts.....	trees.. 3,036	1,000	280	2,414	1,723	438	12,387	1,985
81	pounds.. 20,185	4,081	5,910	11,462	35,006	7,151	11,106	32,310	

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	1,245	893	602	737	1,655	1,524	1,298	1,165
2	Cash expended.....	dollars.. 248,521	108,820	75,030	124,723	267,406	354,614	260,844	217,813	
3	Rent and board furnished.....	dollars.. 90,030	42,268	28,339	46,182	96,593	112,226	95,171	62,688	
4	Fertilizer.....	Farms reporting.....	5	5	5	33	15	17	40	10
5	Amount expended.....	dollars.. 461	134	773	1,200	658	1,215	899	300	
6	Feed.....	Farms reporting.....	749	605	773	701	1,121	1,052	899	
7	Amount expended.....	dollars.. 190,741	53,018	200,215	132,673	102,568	306,798	373,440	282,701	
8	Receipts from sale of feedable crops.....	dollars.. 961,843	208,516	110,182	515,098	166,726	611,744	756,399	927,523	

STATISTICS OF AGRICULTURE.

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

	Davis.	Decatur.	Delaware.	Des Moines.	Dickinson.	Dubuque.	Emmet.	Fayette.	Floyd.	Franklin.	Fremont.	Greene.
1	2,002,033	1,709,894	3,457,303	2,393,883	1,380,566	3,558,941	1,384,439	3,614,151	2,716,686	3,335,563	3,368,678	3,316,415
2	1,224,978	930,210	2,447,959	1,719,092	1,049,773	2,247,153	1,027,164	2,374,711	1,936,155	2,586,241	2,680,598	2,533,467
3	43,541	19,304	11,832	14,256	18,182	12,903	10,214	48,958	50,707	4,183	4,040	4,440
4	468,330	512,408	793,306	395,603	252,811	850,736	277,102	881,256	452,039	593,151	395,332	584,707
5	91,470	57,039	128,938	133,163	50,485	205,890	49,632	158,888	98,201	107,167	104,155	95,808
6	87,277	113,803	25,025	70,335	10,542	65,386	11,610	39,048	21,723	19,308	157,963	38,526
7	86,437	77,070	50,243	55,414	8,773	176,873	8,717	111,290	107,801	25,513	26,570	9,477
8	84,016	92,530	153,453	96,775	88,628	128,030	80,502	166,982	153,403	183,683	149,581	184,655
9	2,262,607	1,719,124	5,096,983	3,311,375	2,526,148	4,733,804	2,693,708	5,120,730	4,488,836	6,036,094	5,200,305	5,716,352
10	60,414	67,147	94,708	62,523	46,762	70,248	47,353	85,979	78,636	100,594	126,163	121,790
11	1,672,236	1,249,486	3,381,940	2,377,664	1,614,946	3,007,433	1,570,900	3,068,443	2,739,694	3,749,844	4,725,952	4,011,334
12	18,699	20,801	41,570	24,460	38,528	49,446	40,190	64,258	70,639	77,352	12,064	60,059
13	522,786	422,421	1,350,882	726,474	935,131	1,533,401	983,828	1,746,678	1,679,064	2,190,931	290,961	1,662,953
14	3,948	4,205	321	8,300	938	1,034	508	1,058	643	893	9,984	529
15	57,093	43,640	6,243	178,139	15,104	19,053	9,499	17,701	10,274	14,894	172,493	6,627
16	113	24	12	-----	139	37	29	37	13	64	208	14
17	2,112	415	358	-----	1,792	946	698	1,105	335	538	2,975	450
18	27	54	15,325	869	3,126	6,835	2,202	14,399	2,867	4,423	239	2,119
19	488	475	320,433	19,896	57,777	156,938	37,531	268,343	52,060	84,559	4,000	33,645
20	13	34	189	3	67	30	104	803	175	96	14	35
21	196	277	3,097	15	765	612	967	10,373	1,824	1,383	140	280
22	801	257	1,328	620	08	391	26	448	430	271	309	109
23	7,644	2,211	19,030	9,137	1,033	5,361	285	8,087	5,579	3,875	3,784	1,031
24	-----	-----	-----	-----	-----	117	-----	7	-----	-----	-----	-----
25	-----	-----	-----	-----	-----	1,597	-----	156	-----	-----	-----	-----
26	1	-----	15	-----	744	3	720	202	271	57	-----	96
27	3	-----	110	-----	0,397	12	4,685	1,975	3,010	517	-----	683
28	57,537	50,987	62,409	27,895	39,001	66,781	44,775	86,187	44,505	57,903	29,457	48,898
29	69,622	56,702	108,705	43,684	53,624	100,875	72,673	142,673	69,818	84,836	51,385	70,817
30	53,152	40,164	51,417	27,014	19,035	64,274	23,392	62,483	36,420	38,524	24,279	32,134
31	59,703	54,800	85,652	41,772	26,697	96,712	33,999	57,662	55,721	41,288	45,932	49,352
32	14,039	12,230	17,746	12,348	10,928	32,293	11,487	20,083	12,071	8,041	7,142	8,375
33	16,010	13,592	27,867	18,665	14,660	47,631	12,811	23,822	17,720	11,122	11,944	12,150
34	36,909	35,095	32,923	12,144	7,389	29,427	16,388	37,219	22,322	28,238	11,627	21,321
35	41,085	38,939	56,392	10,172	10,981	45,279	20,312	63,240	36,556	41,725	17,681	32,761
36	736	384	493	2,394	101	865	139	853	687	714	2,859	376
37	879	587	975	3,643	201	1,306	205	1,742	1,383	1,105	4,213	518
38	51	8	1	41	13	25	11	22	7	29	2,261	80
39	71	12	2	137	20	63	11	42	13	79	6,840	362
40	1,383	1,447	81	50	73	77	32	249	993	223	185	625
41	1,684	1,730	138	99	123	132	63	397	1,550	278	134	554
42	34	-----	173	28	531	1,587	335	4,057	346	1,279	275	812
43	34	-----	278	56	712	2,301	597	4,707	440	1,412	486	487
44	24	231	0,904	202	19,408	1,440	16,080	13,910	6,721	15,221	4,531	14,827
45	23	257	0,667	465	25,661	2,020	18,153	17,488	9,025	18,603	8,405	19,243
46	65	118	149	111	-----	86	96	240	39	165	326	140
47	91	117	350	143	-----	154	186	336	42	293	434	322
48	4,296	1,454	3,849	508	468	981	207	9,553	1,319	3,993	321	1,797
49	9,745	3,468	13,036	1,304	1,266	1,989	959	24,896	3,089	10,221	1,248	4,295
50	672	549	1,254	1,510	739	4,182	940	2,017	1,727	2,315	1,094	2,010
51	54,640	25,773	121,834	132,558	63,945	246,114	104,206	176,462	159,737	212,567	105,585	92,368
52	3	4	1	45	-----	-----	-----	1	3	-----	24	15
53	1,392	477	134	5,138	-----	-----	2	91	160	20	3,375	234
54	620	647	840	858	250	1,081	208	1,247	462	471	911	549
55	-----	-----	4	-----	-----	-----	-----	24	29	16	-----	-----
56	-----	-----	18	-----	-----	-----	-----	156	226	131	20	18
57	105	113	84	63	1	73	-----	74	-----	10	42	75
58	1,501	462	537	368	11	471	-----	362	-----	50	184	512
59	12,999	4,124	5,294	3,631	110	4,011	-----	3,984	-----	403	2,125	-----
60	157,786	148,725	34,082	153,746	21,742	73,598	21,020	70,660	39,031	38,902	253,997	78,160
61	160,287	185,104	15,740	76,090	13,671	29,651	14,717	30,232	25,562	23,567	281,101	58,506
62	82,319	78,260	24,826	83,255	17,032	51,317	15,615	54,143	35,054	30,939	155,959	54,741
63	148,219	174,592	14,059	66,878	18,507	25,207	14,541	28,694	25,210	22,910	270,690	55,966
64	38,108	39,015	247	38,463	4	240	-----	104	29	46	78,608	431
65	402	985	1	736	-----	5	-----	192	-----	10	6,473	70
66	17,662	14,966	6,151	11,431	4,160	14,100	4,346	11,452	2,754	5,797	9,332	12,239
67	3,660	3,102	1,226	1,109	56	2,849	121	968	203	363	869	1,141
68	13,881	10,919	2,600	11,985	483	7,275	906	4,777	1,141	1,901	7,338	10,162
69	5,481	3,138	404	5,215	18	1,475	41	341	141	247	2,577	1,295
70	18,586	21,570	5,992	79,282	365	44,588	879	3,737	1,105	3,542	15,388	12,937
71	108,508	288,843	21,335	233,098	1,042	183,060	1,758	16,211	3,668	15,945	120,019	76,985
72	-----	-----	-----	-----	-----	209	8	-----	-----	37	29	39
73	54	61	66	175	12	13,811	415,898	9,455	151,587	65,607	54,818	66,938
74	55,954	57,170	96,811	255,990	13,811	13,811	6	55	24	20	15	24
75	10	12	34	60	10	10	87	-----	-----	-----	-----	31,104
76	11,707	13,463	62,211	138,453	11,129	234,228	7,185	92,312	45,635	38,186	22,680	6
77	2	6	12	37	2	58	-----	25	11	5	-----	-----
78	2,595	5,080	13,578	45,253	1,964	67,948	778	26,989	16,179	9,924	4,897	6,780
79	35	34	16	67	-----	49	-----	24	2	3	27	8
80	33,104	20,255	16,308	61,664	352	94,762	390	24,317	2,407	5,222	37,412	10,006
81	813	3,551	455	2,590	105	288	427	2,607	150	199	529	1,866
82	26,873	83,399	8,520	4,030	2,460	9,917	11,095	58,157	3,366	2,275	11,400	14,568

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	995	976	1,106	974	477	1,272	447	1,705	983	1,036	1,044	1,024
2	92,611	116,030	167,542	147,933	69,547	223,287	71,349	225,296	158,758	180,358	261,436	149,185
3	21,050	33,232	60,270	52,496	31,988	66,002	27,485	84,906	57,742	66,604	54,995	48,609

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

		Grundy.	Guthrie.	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.
VALUE OF ALL CROPS									
1	Total.....	dollars. 3,713,062	3,096,023	3,578,138	2,375,306	3,498,345	4,391,397	2,697,961	1,961,158
2	Cereals.....	dollars. 2,804,302	2,123,484	2,854,027	1,820,912	2,088,709	3,485,410	2,025,485	1,313,216
3	Other grains and seeds.....	dollars. 6,784	26,873	3,538	6,546	3,348	4,410	13,222	100,974
4	Hay and forage.....	dollars. 539,374	739,887	600,681	446,380	506,881	572,190	438,136	425,031
5	Vegetables.....	dollars. 323,346	95,894	77,320	75,798	152,793	140,591	111,720	63,022
6	Fruits and nuts.....	dollars. 17,851	52,701	21,444	17,370	32,131	136,132	55,437	13,799
7	All other crops.....	dollars. 21,406	57,094	11,822	8,300	24,483	52,643	53,961	38,569
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres 173,320	149,979	180,201	160,983	167,457	206,328	112,385	112,660
10	Corn.....	bushels. 6,299,792	4,737,119	6,420,628	4,340,427	6,164,515	6,787,565	4,075,760	3,067,535
11	Oats.....	bushels. 3,069,249	3,553,783	4,250,458	2,070,578	4,087,214	5,757,312	3,049,462	1,488,538
12	Wheat.....	acres 69,088	43,541	70,454	73,422	65,577	23,987	31,161	52,270
13	Wheat.....	bushels. 2,205,170	1,088,771	2,131,026	1,559,533	1,991,544	562,133	928,851	1,324,216
14	Wheat.....	acres 535	3,404	2,072	1,004	2,184	27,457	3,981	73
15	Wheat.....	bushels. 9,885	42,590	32,480	24,953	34,117	300,010	78,747	12,701
16	Wheat.....	acres 33	135	42	26	84	61	95	318
17	Wheat.....	bushels. 1,189	2,590	710	497	1,715	1,240	3,265	7,006
18	Wheat.....	acres 7,000	3,188	644	4,866	2,401	3,301	268	11,080
19	Wheat.....	bushels. 170,944	48,008	12,898	79,738	40,410	60,058	0,305	225,124
20	Wheat.....	acres 157	34	88	124	197	20	33	626
21	Wheat.....	bushels. 2,170	340	1,002	1,502	2,180	400	194	7,910
22	Wheat.....	acres 43	74	47	225	101	298	617	84
23	Wheat.....	bushels. 1,185	971	985	3,590	1,323	4,395	8,816	1,590
24	Other grains and seeds:								
25	Dry peas.....	acres 5							5
26	Dry peas.....	bushels. 40		2	1				120
27	Flaxseed.....	acres 15		68	259				2,714
28	Flaxseed.....	bushels. 105		417	1,832				26,300
29	Hay and forage:								
30	Total.....	acres 40,241	49,160	49,858	56,144	47,535	41,958	31,630	54,548
31	All tame or cultivated grasses.....	tons 73,017	76,182	76,155	78,996	73,863	77,628	48,612	83,778
32	Timothy alone.....	acres 30,810	42,581	30,440	32,234	33,021	28,400	30,849	37,534
33	Timothy alone.....	tons 54,720	64,120	48,300	43,280	54,135	50,472	47,179	54,178
34	Timothy alone.....	acres 3,744	12,563	5,365	8,401	4,572	4,853	13,013	14,622
35	Timothy alone.....	tons 6,225	19,575	7,820	9,853	7,135	7,083	10,878	20,714
36	Timothy and clover mixed.....	acres 20,150	28,031	23,725	21,330	27,855	15,370	13,880	15,911
37	Timothy and clover mixed.....	tons 40,973	42,512	38,020	20,818	44,984	22,602	21,353	24,534
38	Clover alone.....	acres 697	1,148	813	577	620	1,858	3,702	471
39	Clover alone.....	tons 1,193	1,052	648	881	1,111	2,826	5,545	820
40	Alfalfa.....	acres 4	8	24	10	54	5,625	64	5
41	Alfalfa.....	tons 10	22	71	67	121	14,573	174	8
42	Millet or Hungarian grass.....	acres 45	162	481	106	250	1,088	45	40
43	Millet or Hungarian grass.....	tons 78	250	1,047	162	426	2,357	69	61
44	Other tame or cultivated grasses.....	acres 164	60	538	1,810	252	200	145	6,475
45	Other tame or cultivated grasses.....	tons 241	115	694	2,490	358	431	160	5,941
46	Wild, salt, or prairie grasses.....	acres 8,048	5,552	17,130	21,780	12,632	12,519	7	11,624
47	Wild, salt, or prairie grasses.....	tons 12,654	8,147	21,281	25,063	16,822	24,464	10	14,280
48	Grains cut green.....	acres 60	141	378	140	90	465	96	33
49	Grains cut green.....	tons 352	227	885	270	170	604	119	48
50	Coarse forage.....	acres 1,323	886	1,904	1,081	1,186	574	684	5,307
51	Coarse forage.....	tons 5,201	3,682	5,089	9,774	3,727	2,026	1,904	15,261
52	Special crops:								
53	Potatoes.....	acres 8,849	1,035	1,102	1,240	3,235	1,746	785	1,134
54	Potatoes.....	bushels. 804,132	83,580	97,010	138,849	275,804	100,442	73,703	101,793
55	Sweet potatoes and yams.....	acres 4	2			10	10		
56	Sweet potatoes and yams.....	bushels. 811	280	60	2	943	1,095	276	417
57	All other vegetables.....	acres 442	649	340	305	547	879	691	143
58	Sugar beets.....	acres 9				1			391
59	Sugar beets.....	tons 40		1		55		4	
60	Cane, sorghum.....	acres 1	44	33	4	71	47	100	5
61	Cane, sorghum.....	tons 5	406	638	221	275	854	86	58
62	Sirup (made).....	gallons 88	2,390	2,815	158	1,020	1,322	9,490	177
FRUITS AND NUTS									
63	Orchard fruits:								
64	Total.....	trees 32,082	117,537	40,350	41,399	55,724	158,297	133,992	27,458
65	Apples.....	bushels. 16,686	66,411	20,883	25,423	30,007	241,483	52,655	12,401
66	Apples.....	tons 22,586	90,010	20,334	31,040	39,810	126,205	58,402	24,630
67	Peaches and nectarines.....	bushels. 15,422	63,695	19,063	24,678	28,557	230,898	43,658	12,152
68	Peaches and nectarines.....	tons 130	3,243	150	29	330	912	44,172	5
69	Plums and prunes.....	bushels. 17	105	1		33	203		
70	Plums and prunes.....	trees 5,833	12,002	10,360	8,042	9,548	10,046	12,538	3,141
71	Plums and prunes.....	bushels. 671	827	934	650	783	4,837	1,725	217
72	Cherries.....	trees 3,257	10,825	3,206	733	5,583	11,046	13,389	248
73	Cherries.....	bushels. 538	1,555	256	81	533	5,460	6,760	47
74	Grapes.....	vines 4,515	15,018	9,355	650	9,400	21,491	17,519	497
75	Grapes.....	pounds. 20,938	77,955	59,248	2,043	48,554	184,388	153,693	668
76	Small fruits:								
77	Total.....	acres 37	55	20	20	46	92	108	27
78	Strawberries.....	quarts 40,768	53,035	32,805	20,951	61,263	144,481	113,858	37,361
79	Strawberries.....	acres 22	20	14	13	31	19	52	15
80	Raspberries and loganberries.....	quarts 23,048	22,992	25,774	15,050	41,212	42,089	64,564	27,441
81	Raspberries and loganberries.....	acres 8	8	2	4	6	46	13	8
82	Blackberries and dewberries.....	quarts 8,776	5,891	3,075	2,858	9,169	62,740	11,943	6,204
83	Blackberries and dewberries.....	acres 6	24	2	2	8	22	39	2
84	Blackberries and dewberries.....	quarts 6,888	21,412	1,540	2,120	8,602	32,544	31,221	1,071
85	Nuts.....	trees 3,580	1,805	939	331	883	103	2,365	1,007
86	Nuts.....	pounds. 10,417	10,030	11,464	3,441	12,080	4,100	102,295	2,130

TABLE 5.—SELECTED FARM EXPENSES

		Grundy.	Guthrie.	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.	
1	Labor.....	Farms reporting.....	1,142	1,043	1,070	791	1,088	1,312	1,096	891
2	Labor.....	Cash expended.....	244,594	139,520	189,091	120,028	179,024	229,794	148,550	121,854
3	Labor.....	Rent and board furnished.....	84,834	38,013	62,901	52,018	70,458	68,176	36,585	41,162
4	Fertilizer.....	Farms reporting.....	28	0	19	7	13	8	26	10
5	Fertilizer.....	Amount expended.....	918	223	403	249	1,324	135	764	193
6	Feed.....	Farms reporting.....	605	882	747	661	630	1,240	802	661
7	Feed.....	Amount expended.....	136,851	218,769	110,457	106,237	119,958	383,487	168,020	73,523
8	Receipts from sale of feedable crops.....	dollars. 975,684	548,004	1,077,577	478,645	782,258	793,283	630,804	217,534	

STATISTICS OF AGRICULTURE.

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

	Humboldt.	Ida.	Iowa.	Jackson.	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.	Kossuth.	Lee.	Linn.
1	2,474,635	3,310,394	3,541,567	3,093,025	4,530,048	2,146,850	4,000,984	3,483,873	3,231,306	3,972,126	2,685,065	4,736,465
2	1,964,618	2,706,335	2,523,709	1,949,317	3,433,373	1,413,240	2,796,531	2,453,476	2,244,655	3,060,596	1,698,534	3,284,120
3	3,150	2,214	117,380	11,491	23,825	35,455	34,187	4,999	28,565	16,769	34,901	9,139
4	400,531	468,493	645,832	876,622	800,524	484,094	815,969	807,476	662,509	685,547	532,258	938,620
5	67,093	105,650	134,842	108,224	154,427	75,141	153,022	109,130	131,298	126,764	191,790	205,257
6	24,493	24,207	43,310	33,099	72,885	81,506	62,404	24,020	89,966	30,061	103,022	106,299
7	14,750	3,495	76,494	114,272	45,014	57,413	138,871	84,772	74,313	22,389	124,560	133,030
8	134,149	156,528	138,978	105,757	196,063	96,789	154,212	119,399	143,190	251,473	99,021	181,541
9	4,386,630	5,809,125	5,321,857	3,984,912	7,166,330	2,716,443	5,877,104	5,104,916	4,608,909	7,319,570	2,958,210	7,147,981
10	72,271	94,955	94,270	67,771	134,199	64,023	100,436	80,509	95,883	130,821	60,700	116,089
11	2,687,632	4,138,597	4,107,576	2,928,275	5,597,806	1,888,458	4,366,297	3,895,731	3,425,826	4,293,130	2,027,140	4,924,131
12	59,383	44,859	38,949	27,957	49,906	25,308	44,726	27,462	37,506	114,290	18,447	57,675
13	1,653,436	1,388,083	1,123,015	835,004	1,395,974	685,178	1,327,970	967,300	1,025,283	2,921,192	550,576	2,066,043
14	1,794	2,522	3,182	1,700	9,291	5,983	3,736	559	6,197	2,632	16,567	1,914
15	30,788	32,435	48,258	20,042	127,744	117,206	76,650	10,340	92,005	40,771	329,332	36,717
16	12	53	41	57	107	8	4	4	12	12	22	47
17	315	1,005	50	557	1,898	120	96	239	2,799	3,583	449	1,156
18	655	14,119	2,152	7,370	2,157	776	3,778	10,170	2,799	63,019	3,931	4,420
19	14,060	248,580	37,275	148,320	38,204	15,709	83,440	222,346	55,059	91	126	101,788
20	24	20	25	202	29	32	14	83	47	957	1,417	1,414
21	324	425	425	3,255	291	420	175	1,491	603	44	2,926	1,278
22	10	395	707	371	658	658	1,518	616	758	331	45,085	16,732
23	75	5,258	9,859	4,263	9,347	22,476	7,708	10,073				
24										1	1	
25		2				2				1,064	13	
26	104				9					8,325		1
27	679				90			2		18		6
28	43,816	35,563	48,918	68,883	61,273	38,493	54,820	56,469	53,067	106,705	40,639	70,310
29	65,808	61,847	87,932	102,849	95,034	58,210	96,373	94,687	84,717	129,508	57,842	116,601
30	26,054	31,980	47,098	66,520	55,236	37,429	53,052	55,518	52,044	46,534	39,029	61,881
31	40,830	54,516	81,781	97,685	79,409	56,067	92,843	92,507	82,242	59,434	55,168	99,417
32	4,450	7,594	10,776	33,420	20,577	14,169	25,632	20,216	22,287	14,744	14,253	25,024
33	6,577	12,780	28,656	48,540	30,218	21,021	44,963	31,905	35,649	17,967	20,906	39,275
34	20,561	23,306	28,666	31,350	28,771	20,181	28,228	34,313	27,016	28,516	23,083	34,670
35	32,485	39,811	50,430	46,270	41,139	30,815	44,006	58,902	42,695	37,079	31,853	56,602
36	397	881	1,451	1,049	5,376	3,022	2,090	825	2,495	263	1,275	1,442
37	745	1,488	2,443	1,422	7,312	4,155	3,582	1,387	3,597	359	1,771	2,492
38	45	84	10	37	22	15	25	16	45	10	60	64
39	138	193	26	92	55	41	71	31	82	10	141	80
40	334	36	83	480	111	42	128	155	270	169	214	169
41	559	87	142	1,077	181	35	85	252	177	546	222	397
42	267	79	112	184	379		61	20	45	3,022	184	467
43	335	167	184	284	504	19	1,269	237	212	3,473	275	571
44	16,723	2,904	959	1,317	1,738	39	1,789	380	308	64,418	398	4,442
45	20,736	5,342	1,462	2,225	2,521	36	1,111	203	99	517	150	6,432
46	88	55	51	214	227	44	151	295	150	711	191	541
47	161	161	92	335	4,072	287	1,009	511	712	1,396	1,249	3,660
48	951	534	810	832	4,072	2,060	1,590	1,505	2,017	4,945	2,085	10,199
49	3,872	1,838	4,607	2,604	12,817							
50	931	1,140	1,501	1,402	2,207	696	1,780	1,090	1,145	1,918	1,680	2,630
51	92,808	124,211	131,937	127,312	143,554	56,179	156,373	117,875	93,248	190,700	112,426	243,111
52											400	16
53	20	23	219	323	680	446	939	21	813	4	43,439	2,512
54	300	1,841	825	641	857	417	701	656	812	672	2,036	2,181
55	68									12	24	85
56	682									129	74	85
57	11		36	67	48	122	108	34	81	74	176	95
58	51		272	344	193	649	714	258	412	308	730	492
59	525		2,011	4,747	3,400	5,065	7,788	2,797	4,771	56	10,610	6,014
60	42,269	39,405	84,248	61,300	139,559	125,474	118,431	37,784	160,255	64,607	195,497	124,259
61	38,176	44,201	36,561	22,602	62,789	95,707	40,401	14,534	89,854	47,716	77,920	32,365
62	30,709	24,634	52,289	39,467	73,463	66,840	68,845	22,319	90,532	43,808	99,994	62,064
63	36,783	42,229	32,542	18,827	51,024	81,899	32,364	11,272	75,739	42,880	67,244	20,521
64	16	104	9,161	1,284	18,027	26,904	13,514	571	27,828	40	51,019	2,570
65			25	34	129	397	196	30	289	28	1,537	498
66	9,739	10,045	9,661	7,027	21,427	14,879	14,970	4,627	19,173	14,238	13,023	22,456
67	1,199	1,663	513	2,813	2,813	5,212	1,141	443	3,296	673	1,217	1,437
68	1,629	4,462	11,001	12,481	24,052	11,907	16,567	9,686	18,133	2,202	10,365	34,828
69	152	299	3,322	2,917	8,528	5,974	6,087	2,719	9,333	125	5,728	9,586
70	4,252	7,139	28,024	13,306	80,847	13,349	38,401	7,449	28,467	3,884	68,088	58,702
71	25,247	43,756	227,112	76,274	221,973	136,619	193,020	36,847	220,806	7,920	288,292	374,874
72	25	20	60	45	108	81	98	67	123	28	240	370
73	27,119	18,780	80,722	54,551	138,739	88,191	138,390	83,720	173,266	31,026	690,209	591,344
74	19	11	15	19	27	26	32	26	47	19	141	138
75	20,428	9,358	20,411	27,075	60,554	31,471	55,059	40,804	78,727	22,132	546,308	270,553
76	2	3	12	11	22	14	20	14	16	4	37	135
77	2,576	2,587	12,063	9,020	20,668	13,954	26,630	4,513	17,885	3,940	52,363	165,165
78	2	4	30	12	56	39	39	24	56	1	57	84
79	2,106	4,976	35,569	14,946	54,157	40,089	46,558	25,163	72,255	1,357	84,378	128,447
80	675	1,607	1,179	1,256	3,130	3,716	2,386	263	2,192	1,369	885	1,007
81	10,090	3,547	5,570	21,016	36,220	91,430	18,342	2,830	36,600	9,540	13,565	10,205

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	747	811	1,166	1,239	1,576	917	1,290	994	1,284	1,158	1,189	1,775
2	137,715	205,674	203,303	208,150	249,537	108,964	217,392	183,784	159,185	203,153	157,275	259,201
3	55,106	76,756	80,963	70,435	78,068	30,493	61,335	56,671	48,628	75,180	44,467	79,828
4	7	7	4	9	9	8	6	3	4	9	57	25
5	294	914	197	187	1,123	1,206	2,326	370	260	528	1,712	729
6	538	549	859	827	1,206	777	967	692	1,050	1,069	924	1,304
7	118,822	267,674	212,241	123,402	386,918	132,033	195,318	134,705	235,405	193,883	134,560	185,461
8	578,948	783,518	552,909	190,247	864,592	226,794	534,917	276,504	480,070	850,261	242,607	695,784

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

		Louisa.	Lucas.	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.
VALUE OF ALL CROPS									
1	Total	dollars. 2,423,888	1,685,851	3,857,544	2,603,445	3,239,495	2,844,714	4,175,922	2,921,520
2	Cereals	dollars. 1,911,036	1,017,049	3,328,080	1,720,523	2,326,824	2,087,204	3,193,362	2,164,925
3	Other grains and seeds	dollars. 3,210	41,880	3,906	27,619	10,868	14,485	13,326	1,680
4	Hay and forage	dollars. 330,529	444,173	413,549	623,044	598,199	513,354	680,106	406,003
5	Vegetables	dollars. 105,033	71,472	90,095	95,503	125,491	92,715	187,931	85,694
6	Fruits and nuts	dollars. 34,044	63,997	10,130	73,955	93,729	84,507	54,775	223,128
7	All other crops	dollars. 33,427	47,300	5,784	56,801	75,384	52,440	40,422	30,090
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total	acres. 103,789	73,805	230,325	116,868	145,209	133,129	184,868	127,331
10	Corn	bushels. 3,655,944	1,892,612	7,851,327	3,466,457	4,705,000	3,957,292	6,886,788	4,289,622
11	Oats	acres. 69,863	52,031	108,021	87,730	100,352	94,003	114,399	101,076
12	Wheat	bushels. 2,776,036	1,425,484	4,465,383	2,856,022	3,608,615	3,196,639	4,750,755	3,768,935
13	Wheat	acres. 19,667	17,257	40,068	20,285	35,696	25,682	64,480	13,880
14	Wheat	bushels. 566,004	419,049	2,770,917	480,928	947,652	579,699	1,099,946	343,755
15	Wheat	acres. 11,090	3,021	1,606	2,891	5,906	8,975	3,810	11,355
16	Wheat	bushels. 273,747	44,033	25,032	39,124	88,905	113,955	71,272	158,480
17	Wheat	acres. 1	11	61	121	15	71	3	10
18	Wheat	bushels. 45	280	1,860	1,800	300	1,078	90	180
19	Wheat	acres. 766	68	20,694	5,671	2,755	4,034	1,942	913
20	Wheat	bushels. 10,087	1,310	583,189	80,333	52,082	61,419	35,482	17,247
21	Wheat	acres. 18	26	230	60	51	21	36	3
22	Wheat	bushels. 203	311	4,054	753	605	206	374	55
23	Wheat	acres. 1,784	101	45	101	434	343	180	84
24	Wheat	bushels. 23,762	1,540	892	1,437	6,781	4,296	2,748	960
25	Other grains and seeds:								
26	Dry peas	acres. .				9	21		
27	Dry peas	bushels. .				131	133	1	15
28	Flaxseed	acres. .		112				1	
29	Flaxseed	bushels. .		600				120	
30	Hay and forage:								
31	Total	acres. 22,943	45,008	38,512	51,483	45,466	42,189	47,259	32,252
32	All tame or cultivated grasses	tons. 38,398	55,388	61,231	77,262	69,449	60,531	78,979	54,872
33	Timothy alone	acres. 21,495	43,101	20,883	45,523	44,135	40,213	42,693	20,792
34	Timothy alone	tons. 35,530	51,419	43,290	60,265	60,109	56,992	67,994	45,900
35	Timothy alone	acres. 9,421	12,354	4,707	14,369	22,235	18,266	11,361	8,665
36	Timothy alone	tons. 15,251	14,222	7,686	21,266	34,251	27,094	17,088	14,078
37	Timothy and clover mixed	acres. 11,059	20,621	21,252	20,729	16,738	16,703	28,974	12,389
38	Timothy and clover mixed	tons. 18,047	35,765	33,755	42,081	24,532	22,744	40,944	17,885
39	Clover alone	acres. 827	729	270	1,046	4,786	4,792	2,216	2,260
40	Clover alone	tons. 1,249	833	498	1,507	6,628	6,532	3,699	3,208
41	Alfalfa	acres. 9	10	74	23	73	151	10	3,142
42	Alfalfa	tons. 40	14	171	53	219	292	35	10,141
43	Millet or Hungarian grass	acres. 126	458	241	236	204	201	80	146
44	Millet or Hungarian grass	tons. 238	555	623	336	348	288	175	285
45	Other tame or cultivated grasses	acres. 58	19	339	120	99	40	52	190
46	Other tame or cultivated grasses	tons. 105	80	557	152	131	42	53	323
47	Wild, salt, or prairie grasses	acres. 653	204	11,427	2,102	571	765	1,367	5,079
48	Wild, salt, or prairie grasses	tons. 1,117	232	17,259	2,853	772	1,255	1,833	5,262
49	Grains cut green	acres. 49	70	31	374	287	64	94	192
50	Grains cut green	tons. 82	82	66	415	300	77	144	223
51	Coarse forage	acres. 746	1,535	171	3,424	473	1,147	3,105	189
52	Coarse forage	tons. 1,669	3,655	610	7,699	2,298	2,207	9,008	487
53	Special crops:								
54	Potatoes	acres. 630	537	2,302	1,042	1,441	1,152	3,720	1,152
55	Potatoes	bushels. 54,459	36,160	209,277	77,709	95,111	71,701	291,818	119,560
56	Sweet potatoes and yams	acres. 147	4		1	61	8	2	19
57	Sweet potatoes and yams	bushels. 10,031	510	10	353	2,135	899	227	2,186
58	All other vegetables	acres. 1,095	530	306	597	788	660	910	527
59	Sugar beets	acres. .				1			
60	Sugar beets	tons. .				6			
61	Cane, sorghum	acres. 98	103	7	110	64	59	19	35
62	Cane, sorghum	tons. 438	418	25	252	391	250	110	181
63	Syrup (made)	gallons. 4,114	4,050		2,232	4,088	3,903	1,169	1,832
FRUITS AND NUTS									
64	Orchard fruits:								
65	Total	trees. 81,736	100,584	20,269	149,936	179,928	160,302	88,592	267,079
66	Apples	bushels. 27,848	107,382	13,036	114,898	87,209	98,258	33,250	422,524
67	Apples	acres. 41,060	56,393	12,793	89,771	110,203	54,302	54,302	242,466
68	Peaches and nectarines	bushels. 21,672	102,640	12,001	109,090	73,211	82,210	29,641	417,230
69	Peaches and nectarines	trees. 17,795	21,353	6	27,842	19,020	20,913	1,507	12,552
70	Plums and prunes	bushels. 391	174		196	185	109	30	428
71	Plums and prunes	trees. 8,807	11,776	0,038	17,761	23,957	16,221	17,723	3,788
72	Cherries	bushels. 2,041	1,129	359	1,603	3,477	2,388	1,302	898
73	Cherries	trees. 0,568	7,918	1,157	12,372	21,607	20,056	13,796	7,405
74	Cherries	bushels. 3,172	2,311	41	2,815	9,072	9,528	1,596	3,888
75	Grapes	vines. 6,675	11,471	919	26,109	10,979	13,549	35,314	15,860
76	Grapes	pounds. 67,803	144,016	1,072	173,604	149,200	124,970	176,609	117,997
77	Small fruits:								
78	Total	acres. 53	49	6	61	130	95	124	87
79	Strawberries	quarts. 66,669	55,122	7,727	68,954	174,259	102,428	217,622	78,276
80	Raspberries and loganberries	acres. 14	11	6	17	30	26	65	15
81	Raspberries and loganberries	quarts. 30,718	15,730	6,028	21,930	54,763	38,755	143,161	26,681
82	Blackberries and dewberries	acres. 8	7		8	30	19	31	20
83	Blackberries and dewberries	quarts. 0,770	7,393	366	8,154	41,207	16,175	35,639	21,125
84	Nuts	acres. 28	23		30	53	40	22	19
85	Nuts	quarts. 25,234	23,623	68	31,248	72,977	43,033	31,239	23,478
86	Nuts	trees. 309	096	1,155	746	3,857	607	4,047	97
87	Nuts	pounds. 7,010	7,300	3,080	17,131	26,325	6,552	16,175	2,150

TABLE 5.—SELECTED FARM EXPENSES

1	Labor—Farms reporting	820	845	1,177	1,065	1,271	1,027	1,416	937
2	Cash expended	159,556	88,752	240,138	145,480	174,445	151,396	251,569	243,305
3	Rent and board furnished	46,176	24,721	86,841	45,987	57,931	47,650	93,168	66,520
4	Fertilizer—Farms reporting	21	9	5	9	15	15	8	9
5	Amount expended	815	423	119	795	944	405	67	482
6	Feed—Farms reporting	507	808	430	1,105	1,111	897	861	676
7	Amount expended	104,494	131,364	130,322	209,834	239,580	287,201	102,616	241,582
8	Receipts from sale of feedable crops	390,354	160,862	1,314,713	294,223	473,255	309,601	1,013,358	521,605

STATISTICS OF AGRICULTURE.

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

	Mitchell.	Monona.	Monroe.	Montgomery.	Muscatine.	O'Brien.	Osceola.	Page.	Palo Alto.	Plymouth.	Pocahontas.	Polk.	Pottawattamie.
1	2,812,483	3,448,528	1,552,644	2,927,619	2,805,608	3,452,177	1,886,711	3,831,027	2,126,057	5,879,143	2,989,605	3,842,561	6,903,657
2	2,097,998	2,813,220	821,321	2,276,008	1,846,063	2,707,387	1,540,415	2,719,187	1,646,003	4,805,736	2,487,228	2,577,374	4,940,250
3	71,252	2,553	9,724	5,485	9,817	17,879	24,905	6,481	4,875	3,994	4,725	4,978	11,482
4	421,152	451,701	501,032	483,978	500,194	605,257	255,774	631,578	377,612	853,478	381,397	618,154	1,096,258
5	95,369	79,940	61,020	70,812	333,015	97,814	55,850	110,320	70,122	146,196	85,193	244,904	320,494
6	23,768	60,109	77,596	70,210	43,782	14,749	5,359	144,269	18,693	38,723	22,574	179,144	289,720
7	102,944	41,000	81,351	22,126	72,737	9,091	4,348	219,192	8,752	31,016	8,488	218,007	254,453
8	146,411	183,971	58,369	129,871	107,400	180,051	127,725	144,818	136,506	313,711	184,203	169,106	286,518
9	4,839,812	5,357,987	1,442,562	4,365,136	3,575,376	6,132,129	3,735,657	4,994,912	3,825,995	10,349,296	5,792,826	5,144,538	9,989,720
10	58,025	126,399	43,487	92,024	71,499	96,847	58,395	109,725	73,783	176,504	99,649	111,042	211,870
11	2,148,217	4,249,400	1,146,267	3,661,134	2,784,814	3,736,549	1,942,843	4,228,209	2,332,169	7,204,988	3,578,260	3,936,500	8,535,650
12	79,160	23,738	8,694	16,546	16,368	68,769	58,350	17,070	61,134	86,565	83,316	36,610	42,592
13	2,499,511	559,240	202,569	421,884	460,357	2,125,473	1,580,707	459,584	1,470,241	2,418,703	2,195,932	1,019,348	959,763
14	725	28,915	5,797	19,366	5,969	586	414	15,682	536	32,026	452	9,532	24,705
15	14,548	464,899	88,482	255,374	116,277	8,831	5,839	263,383	7,143	392,484	6,093	161,916	319,578
16	9	227	12	85	111	88	126	676	3	113	1	42	213
17	180	3,499	170	1,545	2,252	2,020	3,820	10,119	14	2,180	15	560	5,163
18	8,069	4,556	203	1,207	9,543	13,677	10,156	1,442	985	18,005	621	1,699	6,940
19	171,935	79,623	3,301	24,597	160,493	256,934	198,876	29,813	15,557	328,239	10,909	23,890	137,221
20	324	28	112	112	112	33	100	37	88	36	4	10	200
21	3,948	152	1,846	1,846	1,846	1,396	1,396	236	1,662	233	15	200	184
22	99	136	148	39	3,798	154	205	28	89	122	170	184	1,980
23	1,473	1,306	1,621	452	43,327	2,176	3,319	635	1,010	997	2,274	1,980	
24	1			10					3				
25	1,805					6	268	15	429	30	422		
26	20,577					90	1,946	100	2,985	50	2,533		
27													
28	43,724	39,871	48,076	32,322	32,562	49,849	33,096	40,720	59,674	65,008	51,571	41,988	73,736
29	76,031	72,350	64,342	53,153	54,061	85,120	48,792	68,508	76,383	106,932	68,473	67,584	129,398
30	33,309	20,652	40,946	30,472	28,706	39,390	22,498	37,802	22,399	40,301	24,284	33,999	60,536
31	54,223	37,709	61,687	48,919	45,517	66,564	32,957	61,143	28,631	68,259	34,271	51,008	104,647
32	9,681	2,199	18,469	10,720	14,480	20,052	13,269	11,738	8,479	8,962	7,616	9,987	18,900
33	14,583	3,369	25,550	17,382	22,651	32,484	18,718	18,932	10,812	13,689	10,075	14,765	30,879
34	21,497	13,509	27,220	15,627	13,199	18,235	8,229	22,527	12,723	26,766	14,469	21,760	40,364
35	36,672	21,227	34,403	24,284	21,178	32,070	12,818	36,621	16,369	44,431	21,039	32,558	45,291
36	581	440	745	3,552	690	359	259	3,226	232	939	494	1,229	4,760
37	1,152	833	961	5,541	1,090	615	421	4,725	273	1,675	732	1,833	7,826
38	1	3,646	12	500	50	61	139	8	1,363	24	73	5,099	
39	1	10,414	20	1,572	154	248	473	12	3,689	72	182	15,091	
40	36	666	473	48	121	108	47	71	110	1,242	433	850	954
41	61	1,611	697	101	207	225	87	154	165	2,982	729	1,489	2,024
42	1,613	192	27	25	166	575	694	101	847	1,029	1,248	110	439
43	2,079	355	56	39	237	922	913	238	1,000	1,793	1,624	181	536
44	2,727	18,281	203	1,206	1,413	9,612	9,851	1,825	36,174	23,935	26,424	5,217	11,684
45	3,812	31,870	220	2,181	1,921	15,786	14,181	2,949	44,498	36,278	31,477	7,427	21,558
46	34	406	150	157	370	59	90	153	101	96	176	319	814
47	81	614	107	482	453	148	84	679	229	173	242	540	1,269
48	7,653	632	777	487	2,073	788	657	940	1,000	676	687	2,453	702
49	18,905	2,157	2,208	1,571	6,170	2,622	1,670	3,737	3,025	2,222	2,481	8,609	1,924
50	1,973	1,394	668	883	2,545	1,747	1,174	1,070	1,066	2,341	1,285	3,291	3,841
51	207,053	110,995	40,742	78,595	206,919	170,869	106,709	95,414	104,779	215,368	124,698	230,246	353,582
52		5	5	5	1,052		2	99	1			50	66
53	5	516	542	667	115,247	4	50	3,026		44	18	5,938	10,522
54	425	391	536	499	4,947	423	269	627	299	697	329	1,403	1,789
55	28		6		1							4	
56	233		50		8								25
57	1	7	102	58	60	1	4	49	1	5	8	143	109
58	7	51	638	282	354	6	8	208	8	33	42	603	1,352
59	70	617	4,368	2,507	2,139	25	25	1,485	50	150	134	3,493	
60	33,555	80,168	103,603	96,821	88,060	34,331	15,208	195,373	45,683	48,506	45,653	247,301	380,714
61	22,035	111,386	98,358	125,490	31,046	21,147	8,052	253,354	32,914	49,853	37,662	109,085	392,472
62	28,205	59,876	63,689	72,537	40,076	22,994	9,520	113,681	35,883	27,339	32,523	145,895	259,113
63	21,618	106,125	90,986	119,980	25,858	20,601	7,966	243,724	32,561	45,147	36,736	87,603	371,740
64	46	323	14,055	7,885	23,476	18		57,954	82	97	8	4,686	17,249
65	17		86	42	322	1		2,435		34		222	291
66	4,042	12,293	12,530	6,788	9,551	9,480	5,021	9,311	8,544	15,999	11,318	41,391	40,178
67	325	3,981	2,287	1,486	1,193	456	137	1,359	306	3,630	797	6,480	6,403
68	1,145	6,213	8,980	8,681	11,675	1,702	510	11,240	1,156	4,730	1,589	48,199	60,520
69	82	1,224	3,340	3,815	3,180	65	47	4,766	46	980	115	14,091	13,192
70	396	11,203	18,654	10,814	17,738	1,807	656	22,550	1,578	10,707	6,773	187,494	386,779
71	1,305	74,395	144,480	53,918	142,792	3,968	2,080	166,670	2,771	41,592	29,750	947,761	1,771,471
72	44	31	83	53	98	19	3	89	6	56	34	428	365
73	68,983	34,253	87,512	55,188	168,426	19,434	3,850	108,485	7,610	80,029	30,011	639,082	491,181
74	22	13	18	17	17	17	3	40	6	37	30	172	35
75	45,990	13,940	30,291	19,219	94,611	17,196	3,074	55,260	5,898	63,656	25,034	283,955	65,298
76	19	4	11	5	20	1		10		13	1	134	115
77	10,184	4,182	12,243	5,030	25,085	1,074	182	9,413	515	10,173	747	158,830	116,264
78	1	10	48	28	27	1		35		2		2	203
79	1,297	11,044	38,411	27,734	39,179	780	210	39,141	410	1,774	2,115	162,768	290,945
80	432	13,767	225	684	2,154	711	74	5,580	734	2,926	1,220	552	1,384
81	4,675	22											

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

		Poweshiek.	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama.	
VALUE OF ALL CROPS										
1	Total.....	dollars.....	3,554,728	1,908,467	3,744,730	3,717,348	4,402,514	5,618,906	3,861,883	4,721,978
2	Cereals.....	dollars.....	2,653,243	1,088,482	2,836,575	2,459,473	3,413,075	4,354,735	3,053,487	3,532,197
3	Other grains and seeds.....	dollars.....	63,098	14,638	5,451	10,109	15,280	4,711	2,214	20,894
4	Hay and forage.....	dollars.....	646,723	613,883	634,418	621,165	804,465	818,497	640,000	890,103
5	Vegetables.....	dollars.....	107,755	40,444	193,255	464,467	103,802	126,843	91,050	184,305
6	Fruits and nuts.....	dollars.....	40,775	106,990	44,449	60,212	23,531	40,142	40,142	40,472
7	All other crops.....	dollars.....	20,134	35,021	30,591	92,922	20,555	10,580	25,011	53,467
SELECTED CROPS (acres and quantity).										
8	Cereals:									
9	Total.....	acres.....	152,728	99,469	104,774	130,668	199,037	295,250	188,831	200,811
10	Corn.....	bushels.....	5,551,594	2,053,860	6,541,021	4,764,229	7,227,821	10,247,726	6,632,042	7,502,370
11		acres.....	101,010	68,968	116,049	70,070	120,241	150,817	124,444	121,210
12	Oats.....	bushels.....	4,192,479	1,453,248	4,554,544	3,455,806	5,730,385	6,786,387	4,811,687	5,227,067
13		acres.....	41,770	26,707	60,040	21,371	40,888	91,360	60,207	63,901
14	Wheat.....	bushels.....	1,208,223	559,091	1,831,054	648,738	1,044,635	2,740,351	1,751,471	1,977,714
15		acres.....	3,408	3,433	906	7,097	13,202	13,546	2,421	4,114
16	Emmer and spelt.....	bushels.....	40,177	37,780	13,408	101,423	150,324	177,203	40,037	65,295
17		acres.....	177	28	30	51	82	44	2	22
18	Barley.....	bushels.....	363	331	1,043	1,237	1,375	1,265	75	540
19		acres.....	5,613	91	8,025	24,401	15,532	30,385	1,322	11,294
20	Buckwheat.....	bushels.....	98,000	1,098	140,517	472,521	281,800	535,064	23,237	226,837
21		acres.....	72	65	17	61		75	142	10
22	Rye.....	bushels.....	448	521	186	1,061		1,508	1,464	184
23		acres.....	237	103	17		62	17	233	258
		bushels.....	2,844	888	209	23,353	1,302	248	3,471	3,973
24	Other grains and seeds:									
25	Dry peas.....	acres.....						25		
26		bushels.....						35		
27	Flaxseed.....	acres.....		6	54				27	
		bushels.....		25	203			420	265	
28	Hay and forage:									
29	Total.....	acres.....	47,467	63,232	47,654	40,133	50,661	59,040	49,568	63,500
30	All tame or cultivated grasses.....	tons.....	79,319	73,387	85,330	66,460	86,503	104,856	74,808	112,558
31		acres.....	45,393	58,707	33,126	35,053	44,025	36,741	36,866	50,630
32	Timothy alone.....	tons.....	72,872	64,047	60,455	57,002	72,838	63,986	53,028	103,804
33		acres.....	17,781	12,142	9,892	14,406	12,050	12,691	7,235	12,989
34	Timothy and clover mixed.....	tons.....	28,730	13,237	17,660	22,808	20,455	21,018	9,740	22,464
35		acres.....	25,297	45,163	21,660	17,630	27,388	21,707	27,521	45,231
36	Clover alone.....	tons.....	40,345	48,061	30,080	28,370	46,170	38,034	40,738	79,047
37		acres.....	2,107	505	688	2,043	2,471	593	638	1,313
38	Alfalfa.....	tons.....	3,488	754	1,332	4,704	3,086	1,088	915	2,135
39		acres.....	14	14	208	24	240	431	82	3
40	Millot or Hungarian grass.....	tons.....	22	55	604	76	422	1,301	243	4
41		acres.....	147	848	234	163	422	474	631	33
42	Other tame or cultivated grasses.....	tons.....	204	1,012	555	247	826	1,010	1,096	65
43		acres.....	17	35	435	307	545	875	259	61
44	Wild, salt, or prairie grasses.....	tons.....	23	28	724	707	079	1,635	209	89
45		acres.....	410	362	13,204	3,478	6,207	20,077	11,562	2,631
46	Grains out green.....	tons.....	594	422	20,858	5,491	12,474	34,354	14,140	4,224
47		acres.....	67	104	57	228	235	50	262	23
48	Coarse forage.....	tons.....	313	561	65	380	453	155	520	60
49		acres.....	1,501	3,900	1,267	774	104	2,163	1,348	1,216
		tons.....	6,141	8,357	3,052	3,488	738	0,361	7,120	4,467
50	Special crops:									
51	Potatoes.....	acres.....	1,205	507	1,374	0,340	1,533	2,165	1,226	3,625
52		bushels.....	107,142	25,847	131,511	802,193	100,363	204,206	90,907	372,757
53	Sweet potatoes and yams.....	acres.....	25	8	1	12	12		1	3
54		bushels.....	496	526	193	847	670		115	247
55	All other vegetables.....	acres.....	523	502	4,105	1,101	490	457	480	799
56	Sugar beets.....	acres.....								8
57	Cane, sorghum.....	tons.....	51	70		5	300	7	67	62
58		acres.....	214	285	76	40	938	35	326	307
59	Sirup (made).....	gallons.....	1,982	2,035	542	387	780	225	5,866	3,111
FRUITS AND NUTS										
60	Orchard fruits:									
61	Total.....	acres.....	100,034	138,704	82,259	107,736	76,028	38,588	65,033	70,330
62		bushels.....	37,670	302,714	91,997	26,067	72,179	33,821	33,886	29,778
63	Apples.....	acres.....	59,632	70,728	60,216	39,225	51,009	20,255	41,792	48,298
64		bushels.....	31,802	196,531	90,236	19,353	70,221	32,489	20,936	26,416
65	Peaches and nectarines.....	acres.....	12,171	38,373	3,200	32,325	806	73	617	1,891
66		bushels.....	1,363	1,363	101	241	112	10	22	68
67	Plums and prunes.....	acres.....	12,557	11,965	12,565	10,092	0,056	10,104	12,529	9,012
68		bushels.....	768	1,570	1,192	1,187	0,070	1,245	2,148	897
69	Cherries.....	acres.....	14,133	8,536	5,437	13,637	14,507	2,061	9,646	10,321
70		bushels.....	4,722	2,160	271	4,454	831	167	1,830	2,305
71	Grapes.....	vines.....	14,702	14,322	7,405	54,320	12,124	2,795	16,697	16,181
		pounds.....	123,080	150,064	42,330	403,053	63,623	14,570	142,793	96,622
72	Small fruits:									
73	Total.....	acres.....	85	58	34	150	48	10	60	80
74	Strawberries.....	quarts.....	99,850	71,039	47,225	358,982	51,693	11,572	85,370	106,133
75		acres.....	26	9	21	73	10	7	37	38
76	Raspberries and loganberries.....	quarts.....	44,887	17,859	33,594	238,703	11,562	8,061	50,012	59,781
77		acres.....	24	7	6	82	8	1	14	20
78	Blackberries and dewberries.....	quarts.....	10,242	7,409	6,032	47,114	8,017	1,582	19,253	20,750
79		acres.....	32	38	5	28	26	1	6	19
80		quarts.....	33,207	38,839	5,843	30,085	28,177	823	5,688	26,061
81	Nuts.....	acres.....	1,297	382	5,899	1,553	620	1,657	2,101	1,597
		pounds.....	3,308	7,559	55,020	7,330	3,070	9,325	58,553	12,540

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....		1,188	935	1,161	1,524	1,278	1,710	1,369	1,313
2	Farms reporting.....									
3	Cash expended.....	dollars.....	293,312	105,757	260,845	390,716	255,936	344,027	250,228	274,016
4	Rent and board furnished.....	dollars.....	66,172	23,987	114,456	187,741	88,319	122,333	83,067	86,512
5	Fertilizer.....		13	5	52	68	78	27	22	6
6	Farms reporting.....									
7	Amount expended.....	dollars.....	2,100	72	9,424	2,009	3,441	717	934	68
8	Feed.....		592	952	685	1,070	847	808	847	674
9	Farms reporting.....									
10	Amount expended.....	dollars.....	357,133	208,667	178,590	200,021	203,651	108,247	130,582	202,234
11	Receipts from sale of feedable crops.....	dollars.....	593,047	184,187	1,001,496	555,114	807,013	1,403,034	1,181,050	900,995

STATISTICS OF AGRICULTURE.

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

	Taylor.	Union.	VanBuren.	Wapello.	Warren.	Washington.	Wayne.	Webster.	Winnebago.	Winneshek.	Woodbury.	Worth.	Wright.
1	2,556,181	1,508,829	1,985,411	2,051,906	2,728,306	3,397,238	2,221,459	3,710,274	1,661,260	3,403,186	5,522,200	1,751,692	3,105,273
2	1,615,161	849,567	1,308,810	1,236,931	1,817,368	2,504,445	1,363,177	2,896,961	1,233,115	2,329,346	4,300,821	1,272,044	2,427,767
3	18,280	15,878	36,055	11,093	26,094	14,362	59,718	2,979	9,970	114,948	8,687	25,322	4,032
4	649,600	499,714	430,151	481,760	630,112	606,310	516,870	604,803	325,786	705,384	846,384	368,693	540,039
5	101,005	68,422	64,174	128,484	103,087	117,899	63,701	107,834	58,419	112,009	211,671	43,166	91,083
6	142,327	48,513	79,507	114,526	110,275	74,953	110,275	34,308	20,089	75,982	13,705	22,353	22,353
7	29,852	26,785	66,714	79,112	35,370	79,269	26,482	63,389	19,101	121,410	78,655	25,757	19,999
8	114,529	84,099	81,012	87,458	112,360	145,139	107,332	212,684	97,297	166,387	279,764	111,194	184,030
9	2,921,845	1,668,241	2,434,381	2,329,054	3,366,337	5,120,239	2,635,578	6,559,462	2,887,741	5,145,916	8,881,562	3,099,640	5,530,068
10	82,738	60,038	64,937	61,608	81,523	97,934	76,911	117,674	49,635	74,995	180,182	45,095	99,659
11	2,228,579	1,205,440	1,707,418	1,709,307	2,715,230	3,846,512	1,945,125	4,483,365	1,826,834	2,801,871	6,060,075	1,615,120	3,468,716
12	23,029	20,771	18,543	19,354	21,634	40,206	28,170	91,007	34,313	64,381	63,793	55,466	79,893
13	575,492	428,708	527,332	500,083	508,924	1,148,792	607,043	2,421,949	824,315	1,770,510	1,606,847	1,310,944	1,985,823
14	6,113	1,448	6,030	5,142	7,373	5,259	1,757	3,283	7,032	4,412	21,373	4,573	1,354
15	89,573	16,358	126,714	99,523	113,097	91,020	18,593	43,313	120,797	74,976	323,775	75,779	21,721
16	230	4	13	15	7	-----	321	-----	172	104	575	27	23
17	3,454	40	225	189	915	-----	2,794	-----	4,568	14,966	1,951	580	407
18	1,248	1,111	118	733	1,395	1,410	26	579	5,979	21,265	14,238	5,284	3,037
19	21,727	13,388	2,405	12,204	23,254	28,804	252	8,653	108,625	472,400	232,576	95,666	52,611
20	93	43	41	36	7	7	22	83	119	39	39	114	68
21	1,140	75	208	413	243	47	492	778	1,808	6,550	358	996	687
22	157	117	722	505	323	323	118	48	47	283	50	35	6
23	1,852	1,232	9,771	7,322	4,008	5,064	1,224	1,154	794	4,553	950	555	40
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
25	-----	4	-----	-----	2	3	1	-----	-----	1	-----	-----	2
26	45	-----	-----	-----	-----	-----	4	110	540	-----	62	1,473	193
27	144	-----	-----	-----	-----	-----	18	588	5,030	19,761	210	14,725	1,388
28	51,335	42,294	42,568	40,585	51,728	43,373	68,038	60,163	44,733	68,530	70,050	48,025	53,578
29	72,736	56,016	57,596	54,682	76,148	71,539	78,313	83,703	67,830	113,310	119,808	76,006	72,406
30	47,943	38,931	40,021	39,423	49,185	42,327	66,243	28,744	22,418	59,085	45,042	30,193	34,230
31	64,060	49,004	51,559	52,095	71,147	68,172	74,040	42,402	35,831	97,369	80,496	47,409	47,119
32	14,330	11,482	15,024	17,332	15,382	21,140	21,244	7,874	3,356	23,291	9,306	7,548	5,608
33	19,344	14,866	18,668	23,240	22,820	35,140	23,682	11,092	5,239	35,810	13,788	11,181	7,036
34	32,216	20,710	23,482	19,531	32,060	16,460	42,911	19,013	18,307	33,909	32,052	19,046	27,090
35	43,624	33,170	30,838	25,410	45,603	25,899	47,572	28,790	29,299	57,896	49,952	32,020	37,919
36	968	307	1,016	2,015	1,647	4,295	369	245	139	1,257	1,351	249	687
37	1,238	413	1,193	2,696	2,860	6,646	438	367	309	2,541	2,352	456	1,043
38	77	77	110	40	42	22	5	70	8	-----	3,477	18	53
39	304	137	380	77	121	45	15	111	13	-----	10,713	18	25
40	150	342	306	499	130	23	1,611	408	94	275	1,937	97	227
41	293	460	392	666	200	31	2,118	654	199	596	3,386	218	428
42	174	13	83	6	24	397	1,134	514	199	596	3,386	2,342	560
43	217	18	88	6	38	417	1,388	772	536	305	3,029	456	640
44	1,108	1,029	28	87	1,220	94	1,118	30,535	21,328	7,115	21,066	14,821	17,826
45	1,574	1,599	35	103	1,898	132	139	38,183	28,941	10,038	36,568	21,107	20,819
46	228	123	789	76	167	173	61	261	125	44	263	209	39
47	270	210	1,707	92	171	472	66	418	179	60	423	410	53
48	2,056	2,211	1,730	999	1,156	779	1,616	623	862	2,285	679	2,802	1,483
49	5,932	5,163	4,295	2,392	2,932	2,793	4,068	2,700	2,879	5,828	2,221	7,074	4,915
50	993	883	520	1,322	1,475	1,036	746	1,602	1,030	1,713	3,221	917	1,422
51	65,326	53,844	43,331	88,644	90,443	85,345	28,697	133,433	124,102	170,616	267,820	85,198	124,067
52	3	2	0	33	11	1	6	1	-----	-----	1	-----	5
53	813	200	697	2,766	658	129	427	34	-----	-----	50	-----	520
54	700	416	493	922	661	551	559	549	590	562	981	136	444
55	-----	-----	-----	-----	-----	-----	-----	-----	-----	50	-----	-----	2
56	-----	5	-----	-----	2	-----	-----	-----	5	500	-----	-----	16
57	49	108	93	250	764	36	71	192	35	17	79	16	6
58	169	300	617	1,172	295	249	307	1,092	92	92	255	155	35
59	715	704	0,246	9,300	2,851	2,498	2,782	7,170	260	1,110	166	1,334	381
60	178,811	94,394	170,035	170,269	183,214	138,774	116,380	61,960	27,210	35,286	104,029	24,396	45,238
61	275,034	74,990	121,657	104,227	161,668	66,405	149,624	42,620	18,901	21,619	100,677	18,346	34,050
62	112,585	62,181	90,527	90,074	114,158	72,936	58,977	48,248	22,324	30,908	65,887	21,472	32,729
63	269,187	72,473	110,929	86,348	149,514	55,905	140,413	40,648	19,721	19,721	18,156	13	33,477
64	41,747	11,640	43,458	30,669	22,929	25,974	32,908	60	18	3	279	13	9
65	307	193	956	920	123	141	92	5	-----	-----	3	-----	-----
66	12,953	9,218	11,230	21,009	26,484	15,471	12,514	9,778	4,313	3,839	25,678	2,814	10,419
67	2,275	374	1,798	6,546	4,596	2,797	2,385	1,497	175	370	6,903	177	462
68	8,735	7,708	12,283	20,297	17,050	17,062	11,114	3,675	484	403	11,652	83	1,779
69	2,621	1,622	5,310	8,109	6,600	6,979	5,804	423	4	54	2,538	11	89
70	16,826	12,447	8,371	53,797	34,703	23,741	13,566	8,035	731	1,680	14,823	340	3,839
71	103,054	60,424	111,692	404,085	219,071	196,643	124,269	40,250	2,606	8,350	75,320	970	13,926
72	56	58	63	217	120	129	35	37	14	43	80	16	22
73	58,362	79,979	70,588	372,356	136,494	186,177	36,720	42,618	19,233	48,894	93,191	14,654	35,542
74	12	15	10	75	30	46	9	28	10	26	45	9	15
75	13,961	34,456	21,906	205,300	47,514	95,588	10,006	34,320	14,349	34,256	51,163	10,711	27,565
76	8	5	6	61	20	26	3	4	2	8	10	7	4
77	6,857	6,613	6,613	67,415	19,117	26,241	3,197	4,243	2,303	7,066	7,951	2,910	4,404
78	32	33	38	72	56	50	12	1	1	5	16	-----	2
79	33,229	34,868	39,141	87,884	54,568	54,614	12,505	972	890	4,681	19,386	645	1,651
80	862	1,250	2,251	2,847	608	1,493	790	1,972					

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

	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.	Humboldt.	Ida.	Iowa.	Jackson.
1 Inclosures reporting domestic animals...	726	463	1,011	860	789	529	531	308	568	722
2 Value of domestic animals.....dollars..	176,336	99,004	192,097	205,585	161,153	109,884	132,157	72,131	143,440	180,645
3 Cattle:										
4 Total number.....	572	531	724	801	501	537	491	191	768	726
5 Value.....dollars..	19,175	15,926	25,829	28,844	21,043	15,782	16,375	7,666	25,134	26,241
6 Number of dairy cows.....	436	416	626	651	383	377	326	175	397	539
7 Horses:										
8 Total number.....	1,164	764	1,434	1,358	1,182	752	559	552	948	1,121
9 Value.....dollars..	149,492	78,689	159,389	154,025	135,240	87,855	104,561	62,296	109,481	147,754
10 Number of mature horses.....	1,131	734	1,417	1,312	1,134	736	544	544	931	1,091
11 Mules and asses and burros:										
12 Total number.....	27	5	22	50	17	10	20	11	19	23
13 Value.....dollars..	4,500	305	2,060	9,575	1,955	1,130	4,245	925	2,720	3,245
14 Number of mature mules.....	22	2	20	42	10	10	15	11	18	21
15 Swine:										
16 Total number.....	323	326	373	1,047	312	257	492	120	637	388
17 Value.....dollars..	3,157	3,950	4,209	13,055	2,901	4,986	6,872	1,236	6,092	3,297
18 Sheep and goats:										
19 Total number.....	2	31	2	13	6	31	21	2	1	25
20 Value.....dollars..	12	154	10	85	14	131	104	8	3	148
	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.	Kossuth.	Lee.	Linn.	Louisa.	Lucas.
1 Inclosures reporting domestic animals...	826	659	869	576	1,064	738	1,137	2,086	544	448
2 Value of domestic animals.....dollars..	197,513	148,026	195,880	151,970	272,586	163,861	233,659	472,458	120,232	104,647
3 Cattle:										
4 Total number.....	626	511	426	532	845	992	673	1,126	416	324
5 Value.....dollars..	21,832	19,886	18,108	18,354	32,523	33,246	24,766	40,131	16,056	12,717
6 Number of dairy cows.....	443	365	362	432	666	557	518	885	330	254
7 Horses:										
8 Total number.....	1,373	915	1,410	1,110	1,700	1,155	1,767	3,304	796	682
9 Value.....dollars..	161,895	120,305	165,171	127,137	218,593	118,401	196,467	413,491	97,200	79,508
10 Number of mature horses.....	1,320	880	1,382	1,096	1,645	1,124	1,743	3,232	776	665
11 Mules and asses and burros:										
12 Total number.....	38	31	43	20	40	12	65	77	30	52
13 Value.....dollars..	5,875	5,475	7,605	3,635	5,160	1,265	8,250	13,250	4,105	9,565
14 Number of mature mules.....	35	29	40	20	37	8	64	73	28	47
15 Swine:										
16 Total number.....	686	263	399	217	1,074	852	468	458	338	260
17 Value.....dollars..	7,690	2,213	4,652	2,415	16,272	10,803	4,118	5,436	2,805	2,836
18 Sheep and goats:										
19 Total number.....	47	45	81	47	7	29	15	27	13	2
20 Value.....dollars..	221	147	344	429	38	146	58	150	66	21
	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.	Mitchell.	Monona.	Monroe.	Montgomery.
1 Inclosures reporting domestic animals...	329	573	846	918	1,143	498	629	594	963	533
2 Value of domestic animals.....dollars..	85,653	132,627	196,600	216,511	254,998	131,959	130,909	146,349	185,970	117,522
3 Cattle:										
4 Total number.....	424	501	623	711	881	403	574	541	711	373
5 Value.....dollars..	12,815	18,099	23,920	24,345	33,232	15,274	17,633	21,202	27,181	15,918
6 Number of dairy cows.....	253	362	499	525	647	302	425	466	579	312
7 Horses:										
8 Total number.....	581	885	1,304	1,401	1,727	838	1,013	1,038	1,188	850
9 Value.....dollars..	66,805	105,888	158,048	173,884	209,785	104,601	107,681	112,013	130,504	95,321
10 Number of mature horses.....	565	859	1,275	1,357	1,692	815	992	987	1,135	829
11 Mules and asses and burros:										
12 Total number.....	13	40	101	95	40	49	10	33	229	61
13 Value.....dollars..	1,900	5,860	12,070	14,470	5,485	7,900	1,380	7,475	25,425	4,575
14 Number of mature mules.....	12	26	99	82	37	44	8	24	227	60
15 Swine:										
16 Total number.....	425	252	278	401	681	387	254	607	291	147
17 Value.....dollars..	3,961	2,454	2,536	3,795	6,539	4,157	4,207	5,645	2,723	1,706
18 Sheep and goats:										
19 Total number.....	14	54	7	5	4	4	4	2	17	1
20 Value.....dollars..	172	326	26	17	7	27	8	14	137	2
	Muscatine.	O'Brien.	Osceola.	Page.	Palo Alto.	Plymouth.	Pocahontas.	Polk.	Pottawat-tamie.	Poweshiek.
1 Inclosures reporting domestic animals...	1,134	628	319	831	436	623	444	3,680	1,667	726
2 Value of domestic animals.....dollars..	243,210	134,891	64,804	191,954	139,768	148,946	93,090	1,144,374	343,906	183,780
3 Cattle:										
4 Total number.....	699	503	340	628	585	716	391	1,919	1,236	500
5 Value.....dollars..	27,758	17,614	10,206	25,129	18,472	26,066	12,647	75,092	46,452	19,651
6 Number of dairy cows.....	493	398	278	519	448	444	263	1,524	981	412
7 Horses:										
8 Total number.....	1,801	1,008	474	1,346	892	1,040	706	7,366	2,675	1,261
9 Value.....dollars..	204,278	109,729	48,011	155,874	113,169	111,846	75,665	1,005,449	285,255	155,785
10 Number of mature horses.....	1,775	979	465	1,313	870	1,019	689	7,270	2,632	1,230
11 Mules and asses and burros:										
12 Total number.....	56	12	9	34	12	20	6	494	47	19
13 Value.....dollars..	7,524	1,875	660	5,364	1,540	2,882	460	56,355	6,435	3,580
14 Number of mature mules.....	53	11	4	30	10	18	4	484	37	17
15 Swine:										
16 Total number.....	364	415	332	635	481	667	269	727	637	438
17 Value.....dollars..	3,642	5,571	5,761	5,358	6,570	8,054	4,291	7,368	5,729	4,697
18 Sheep and goats:										
19 Total number.....	2	25	15	53	3	12	9	25	11	17
20 Value.....dollars..	8	102	166	229	17	98	27	110	35	87

CHAPTER 4.

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

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

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

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wages, cost of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries (1) for the state as a whole and (2) for the city of Des Moines. 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 Des Moines for all industries combined and selected industries, and for each city having from 10,000 to 50,000 inhabitants for all industries combined.

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

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced

to a comparable basis by eliminating the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

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

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

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

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

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

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

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

Persons engaged in industry.—At the censuses of 1909, 1904, and 1899, the following general classes of persons engaged in manufacturing industries have been distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5) wage earners. In the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In the present census an entirely different

grouping is employed: That into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Cost of manufacture and profits.—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

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

Location of establishments.—The Census Bureau has classified establishments by their location in cities or classes of cities. In interpreting these figures due consideration should be given to the fact that often establishments are located just outside the boundaries of cities, and are necessarily so classified, though locally they are looked upon as constituting a part of the manufacturing interests of the cities.

Laundries.—The census of 1909 was the first to include statistics of laundries. The reports are confined to establishments

using mechanical power. The data are presented separately and are not included in the general total for manufacturing industries, in order to avoid interference with comparisons with prior censuses.

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

INDUSTRIES IN GENERAL.

General character of the state.—Iowa, with a gross area of 56,147 square miles, of which 561 represent water surface, ranks twenty-fourth in size among the 49 states and territories of continental United States. Its population in 1910 was 2,224,771, as compared with 2,231,853 in 1900 and 1,912,297 in 1890. In 1910 the density of population was 40 per square mile, the corresponding figure for 1900 being 40.2. As regards population, it ranked fifteenth among the 49 states and territories of continental United States in 1910 and tenth in 1900. Thirty and six-tenths per cent of the entire population of the state resided in incorporated cities and towns having a population of 2,500 or over, as against 25.6 per cent in 1900.

Des Moines, with a population of 86,368, is the only city in the state having a population of over 50,000. Sixteen other cities, however, each have a population exceeding 10,000. They are Boone, Burlington, Cedar Rapids, Clinton, Council Bluffs, Davenport, Dubuque, Fort Dodge, Iowa City, Keokuk, Marshalltown, Mason City, Muscatine, Ottumwa, Sioux City, and Waterloo. These 17 cities contained 21 per cent of the total population of the state and were credited with 73 per cent of the total value of its manufactures. Apart from the cities named, only 9.6 per cent of the population of the state resided in cities and towns of 2,500 inhabitants or over.

The railway facilities, consisting of trunk lines and various branch lines serving as feeders, are excellent, Iowa ranking fourth among the states in 1909 in the length of trackage.¹ The Mississippi River on

the eastern boundary of the state and the Missouri River on the western boundary afford water transportation.

Importance and growth of manufactures.—In 1899 the value of the agricultural products of Iowa was greater than that for any other state, while in the value of its manufactures the state ranked only seventeenth in 1899 and eighteenth in 1909.

In 1849, when Iowa ranked twenty-seventh in the value of its manufactures, the total value of the manufactures of the state, including the products of the neighborhood and hand industries, amounted to only \$3,552,000, while in 1909, exclusive of the value of the products of the neighborhood and hand industries, it reached \$259,238,000. In 1849 an average of 1,707 wage earners, representing nine-tenths of 1 per cent of the total population, were engaged in manufactures, while in 1909 an average of 61,635 wage earners, or 2.8 per cent of the total population, were so engaged. During this period the gross value of manufactured products per capita for the total population of the state increased from \$18 to \$117. From 1849 to 1909 the proportion which the value of the manufactures of the state represented of the total value of products of manufacturing industries in the United States increased from three-tenths of 1 per cent to 1.3 per cent.

The following table gives the most important figures relative to all classes of manufactures combined for the state as returned at the censuses of 1909, 1904, and 1899, together with the percentages of increase from census to census:

¹ Interstate Commerce Commission, Statistics of Railways in the United States, 1909.

	NUMBER OR AMOUNT.			PER CENT OF INCREASE. ¹	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	5,528	4,785	4,828	15.5	-0.9
Persons engaged in manufactures.....	78,860	61,361	(²)	27.7	-----
Proprietors and firm members.....	5,323	4,758	(²)	11.9	-----
Salaried employees.....	11,402	7,122	5,159	60.1	38.0
Wage earners (average number).....	61,635	49,481	44,420	24.6	11.4
Primary horsepower.....	155,384	118,065	106,664	31.6	10.7
Capital.....	\$171,219,000	\$111,427,000	\$85,667,000	53.7	30.1
Expenses.....	233,364,000	143,692,000	114,659,000	62.4	25.3
Services.....	43,514,000	28,945,000	22,254,000	50.3	30.1
Salaries.....	10,972,000	5,948,000	4,233,000	84.5	40.5
Wages.....	32,542,000	22,997,000	18,021,000	41.5	27.6
Materials.....	170,707,000	102,844,000	85,779,000	66.0	19.9
Miscellaneous.....	19,143,000	11,903,000	6,626,000	60.8	79.6
Value of products.....	259,238,000	160,572,000	132,871,000	61.4	20.8
Value added by manufacture (value of products less cost of materials).....	88,531,000	57,728,000	47,092,000	53.4	22.6

¹ A minus sign (-) denotes decrease.

² Figures not available.

In 1909 the state of Iowa had 5,528 manufacturing establishments, which gave employment to an average of 78,360 persons during the year and paid out \$43,514,000 in salaries and wages. Of the persons employed, 61,635 were wage earners. These establishments turned out products to the value of \$259,238,000, to produce which materials costing \$170,707,000 were used. The value added by manufacture was thus \$88,531,000, 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 Iowa as a whole showed a steady growth during the two five-year periods. For the earlier period, 1899-1904, although the number of establishments decreased nine-tenths of 1 per cent, the number of wage earners increased 11.4 per cent,

the value of products 20.8 per cent, and the value added by manufacture 22.6 per cent. Much greater increases, however, are shown for the more recent period, 1904-1909. During this period the number of establishments increased 15.5 per cent, the average number of wage earners 24.6 per cent, the value of products 61.4 per cent, and the value added by manufacture 53.4 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 only decrease shown in the table is that in the number of establishments during the period 1899-1904.

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-	1899-	1904-	1899-
								1909	1904	1909	1904
All Industries.....	5,528	61,635	100.0	\$259,238,000	100.0	\$88,531,000	100.0	61.4	20.8	53.4	22.6
Slaughtering and meat packing.....	33	4,144	6.7	59,045,000	22.8	5,018,000	5.7	95.8	17.0	103.5	-30.1
Butter, cheese, and condensed milk.....	512	1,231	2.0	25,850,000	10.0	3,008,000	3.4	72.0	-5.2	41.1	-9.0
Foundry and machine-shop products.....	274	5,103	8.3	14,064,000	5.4	7,692,000	8.7	122.1	14.9	109.1	31.3
Flour-mill and gristmill products.....	277	647	1.0	12,871,000	5.0	1,937,000	2.2	6.4	9.9	8.7	-12.8
Lumber and timber products.....	229	4,058	7.6	12,650,000	4.9	5,518,000	6.2	4.2	-17.0	1.9	6.2
Printing and publishing.....	1,110	4,853	7.9	12,120,000	4.7	8,842,000	10.0	41.9	37.2	36.0	33.1
Cars and general shop construction and repairs by steam-railroad companies.....	33	6,900	11.3	10,260,000	4.0	5,120,000	5.8	34.8	22.5	18.6	29.8
Bread and other bakery products.....	495	1,647	2.7	6,318,000	2.6	2,071,000	3.0	88.8	35.0	72.5	24.2
Carrriages and wagons and materials.....	119	1,441	2.3	4,730,000	1.8	2,038,000	2.3	42.0	-15.5	20.8	-17.3
Agricultural implements.....	42	1,318	2.1	4,757,000	1.8	2,586,000	2.9	76.7	78.4	63.7	56.1
Brick and tile.....	235	3,153	5.1	4,483,000	1.7	3,279,000	3.7	33.3	70.1	29.9	66.5
Buttons.....	70	3,172	5.1	4,035,000	1.6	2,621,000	3.0	168.8	73.1	171.0	44.3
Tobacco manufactures.....	372	1,043	3.2	3,423,000	1.3	2,037,000	2.3	1.0	.....	-2.0	.....
Patent medicines and compounds and druggists' preparations.....	100	358	0.6	3,401,000	1.3	2,330,000	2.6	.....	.....	.....	.....
Liquors, malt.....	10	405	0.8	3,325,000	1.3	2,424,000	2.7	39.4	39.2	43.0	27.5
Confectionery.....	40	1,032	1.7	2,014,000	1.1	1,211,000	1.4	103.1	37.6	88.9	51.2
Gas, illuminating and heating.....	117	800	1.3	2,893,000	1.1	1,732,000	2.0	57.9	126.7	47.5	100.0
Leather goods.....	97	600	1.0	2,855,000	1.1	1,048,000	1.2	117.9	27.3	92.4	-16.6
Furniture and refrigerators.....	44	1,074	1.7	2,650,000	1.0	1,314,000	1.5	.....	.....	.....	.....
Canning and preserving.....	71	1,247	2.0	2,540,000	1.0	981,000	1.1	-30.6	73.3	-37.0	65.6
Clothing, men's, including shirts.....	28	1,480	2.4	2,400,000	1.0	1,034,000	1.2	30.0	25.1	39.2	24.5
Copper, tin, and sheet-iron products.....	19	535	0.9	2,414,000	0.9	909,000	1.0	5.6	263.0	19.9	174.6
Dalrymen's, poulterers', and apiarists' supplies.....	17	730	1.2	1,904,000	0.8	998,000	1.1	596.5	.....	460.7	.....
Boots and shoes, including cut stock and findings.....	10	710	1.2	1,633,000	0.6	574,000	0.6	.....	.....	.....	.....
Artificial stone.....	308	730	1.2	1,569,000	0.6	937,000	1.1	1,207.5	.....	1,149.3	.....
Clothing, women's.....	19	370	1.4	1,535,000	0.6	650,000	0.7	101.4	1,521.3	97.0	1,400.0
Marble and stone work.....	37	315	0.5	1,333,000	0.5	722,000	0.8	110.4	0.5	93.3	13.1
Stoves and furnaces, including gas and oil stoves.....	14	352	0.6	890,000	0.3	528,000	0.6	187.1	.....	187.0	.....
Cooperage and wooden goods, not elsewhere specified.....	34	249	0.4	876,000	0.3	316,000	0.4	-13.6	40.8	-2.5	23.2
Coffins, burial cases, and undertakers' goods.....	8	242	0.4	753,000	0.3	365,000	0.4	24.1	52.1	19.7	76.3
Wall plaster.....	6	539	0.9	739,000	0.3	540,000	0.6	17.9	.....	7.9	.....
Mattresses and spring beds.....	17	242	0.4	726,000	0.3	271,000	0.3	259.4	37.4	208.0	46.7
Gloves and mittens, leather.....	10	234	0.4	693,000	0.3	320,000	0.4	-0.7	145.8	-5.9	113.3
Outlory and tools, not elsewhere specified.....	16	100	0.3	480,000	0.2	246,000	0.3	33.2	91.1	15.0	120.6
Pottory, terra-cotta, and fire-clay products.....	10	286	0.5	404,000	0.2	234,000	0.3	494.9	-68.7	479.6	-74.5
Paper and wood pulp.....	4	205	0.3	437,000	0.2	156,000	0.2	72.7	3.7	27.9	-10.9
Woolen, worsted, and felt goods, and wool hats.....	8	134	0.2	350,000	0.1	122,000	0.1	-38.0	92.9	-41.3	70.5
Ice, manufactured.....	18	151	0.2	290,000	0.1	226,000	0.3	468.0	34.2	545.7	29.6
Fur goods.....	11	73	0.1	287,000	0.1	182,000	0.2	56.0	228.6	111.6	160.6
Cars and general shop construction and repairs by street-railroad companies.....	13	183	0.3	231,000	0.1	135,000	0.2	54.0	54.6	80.0	25.0
Carpets, rag.....	32	153	0.3	206,000	0.1	162,000	0.2	34.0	628.6	32.3	377.3
Shipbuilding, including boat building.....	17	76	0.1	182,000	0.1	97,000	0.1	6.4	.....	10.2	.....
Gas and electric fixtures and lamps and reflectors.....	7	56	0.1	170,000	0.1	75,000	0.1	750.0	-25.9	476.9	-13.3
Boxes, fancy and paper.....	0	123	0.2	128,000	(?)	71,000	0.1	70.7	25.0	51.1	42.4
Boxes, cigar.....	7	79	0.1	112,000	(?)	53,000	0.1	-23.3	60.4	-29.3	100.0
All other industries.....	491	6,755	11.0	42,400,000	16.4	14,139,000	16.0	.....	.....	.....	.....

¹ Percentages 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 45 industries presented separately, there are 14 important industries each of which had a value of products in 1909 in excess of \$500,000. They are included under the head of "All other industries" in the table, in some cases because the operations of individual establishments would be disclosed if they were shown separately; in others, 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 industries of similar character; while for others, comparable statistics for the different census years can not be presented on account of changes in classification. These industries are: Automobiles, including bodies and parts; brooms; butter, reworking; cars, steam-railroad, not including operations of railroad companies; cement; coffee and spice, roasting and grinding; explosives; food preparations; glucose and starch; mineral and soda waters; oil, linseed; soap; stationery goods, not elsewhere specified; and washing machines and clothes wringers. Statistics for 1909 for the manufacture of automobiles, including bodies and parts, and of brooms are presented in Table II.

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

Slaughtering and meat packing.—This industry is by far the most important in the state when measured by value of products, although 4 other industries employed a greater average number of wage earners. It embraces not only establishments doing wholesale slaughtering and meat packing, but also those engaged in the manufacture of sausage. Twenty-seven of the 33 plants reported in 1909 were engaged primarily in the first-named branch of the industry. The industry is to a large extent confined to the four cities of Cedar Rapids, Des Moines, Ottumwa, and Sioux City. In 1849 there were 8 establishments reported, with a product valued at \$273,600, or 7.7 per cent of the total for all manufacturing industries in the state, whereas the value of output in 1909 constituted 22.8 per cent of the total. The value of products increased from \$25,763,000 in 1899 to \$59,045,000 in 1909, a gain of \$33,282,000, or 129.2 per cent. In 1909 the state held sixth place among the states and territories in this industry, as compared with the eighth place in 1904 and 1899.

Butter, cheese, and condensed milk.—The factory manufacture of butter, cheese, and condensed milk, common to many agricultural districts, is the second industry of the state when measured by value of products. Iowa has occupied a prominent place in the creamery industry ever since its establishment on a factory basis. In 1904 it ranked third among the states, the value of its products being \$15,028,000, or 8.9 per cent of the total for all the states. From 1904 to 1909 the industry showed marked development, the value of products having increased \$10,822,000, or 72 per cent. It continued to rank third in respect to its manufactured dairy products in 1909.

Foundry and machine-shop products.—This industry includes not only foundries and machine-shops, but also establishments engaged in the manufacture of gas machines and meters; hardware; plumbers' supplies; steam fittings and heating apparatus; and structural ironwork. The industry was really of greater importance in the state than is indicated by the statistics, as some machine shops manufacturing a distinctive product were assigned to other classifications. A number of the most important establishments are engaged in the manufacture of pumps, windmills, and parts for agricultural machinery. With the exception of steam-railroad repair shops a larger number of wage earners were employed in the foundry and machine-shop industry than in any other industry, constituting 8.3 per cent of the total wage earners in all industries. The growth in the value of products during the 10-year period 1899-1909 amounted to \$8,568,000, or 155.9 per cent.

Flour-mill and gristmill products.—As a rule, the mills are small and are located in the rural districts. Owing to the comparatively simple processes involved and the extent to which these processes are carried on by machinery, the value added by manufacture and the number of wage earners employed are not commensurate with the gross value of products. The development during the last 10 years was slight when compared with all manufactures combined and other important industries individually. Iowa was nineteenth among the states in the value of flour-mill and gristmill products in 1909, eighteenth in 1904, and fifteenth in 1899.

Lumber and timber products.—This industry includes the logging operations, as well as the mills which saw rough lumber, shingles, and cooperage materials, the mills which produce finished lumber, sash, doors, blinds, interior finish, and other millwork, and wooden packing-box factories. The output of the planing mills in 1909 represented much the greater proportion of the total value of products for the entire industry. The state contains very little timber land. For a number of years the sawmills of Iowa have been largely depend-

ent upon the forests of Minnesota and Wisconsin for logs, and the depletion of those forests, together with the establishment of many mills in those states, has caused a decline in the lumber industry of Iowa. In 1909 the value of products was \$12,659,000, as compared with \$14,635,000 in 1899, a decrease of \$1,976,000, or 13.5 per cent, during the decade.

Printing and publishing.—The printing and publishing of newspapers, books, music, and periodicals; job printing; bookbinding and blank-book making; and lithographing are included under this classification in Iowa. Almost one-fifth of all the manufacturing establishments of the state were reported by this industry in 1909, although it employed only 7.9 per cent of the total wage earners and reported only 4.7 per cent of the total value of products. More than twice as many establishments were engaged in this industry than in any other in the state.

Cars and general shop construction and repairs by steam-railroad companies.—The activity in this industry is confined practically to repairs to the rolling stock and equipment of the steam railroads, although to a limited extent there may be some construction of new rolling stock. The statistics are exclusive of minor repairs made in roundhouses. More wage earners are employed in this industry than in any other manufacturing industry in the state, the number being 6,969 in 1909, or 11.3 per cent of the total for all manufacturing industries combined.

Buttons.—The output of buttons in Iowa consists of the fresh-water pearl variety, made from the shells of the Mississippi River mussel. Muscatine is the center of the industry in the state, having within its corporate limits 43 of the 70 establishments reported for the entire state in 1909.

None of the six leading industries presented in the preceding table hold the same rank when measured by value added by manufacture as when measured by value of products. When measured by value added by manufacture, printing and publishing displaces slaughtering and meat packing from first place, the latter industry falling to third place. The foundries and machine shops displace the butter, cheese, and condensed-milk industry from second place, the latter industry dropping to seventh place. The lumber and timber industry advances from fifth to fourth place, and flour mills and gristmills change from fourth to fifteenth place. The brick and tile industry ranks only eleventh in value of products, but sixth in value added by manufacture.

This table shows also the percentages of increase for the leading industries in respect to value of products and value added by manufacture, where these statistics are comparable. Five industries—artificial stone,

gas and electric fixtures and lamps and reflectors, dairymen's, poulterers', and apiarists' supplies, pottery, terra-cotta, and fire-clay products, and manufactured ice—show extraordinary rates of increase from 1904 to 1909 in both value of products and value added by manufacture.

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.....	78,360	66,902	12,158
Proprietors and officials.....	8,814	8,578	236
Proprietors and firm members.....	5,323	5,137	186
Salaried officers of corporations.....	1,424	1,399	25
Superintendents and managers.....	2,067	2,042	25
Clerks.....	7,911	5,854	2,057
Wage earners (average number).....	61,035	51,770	9,865
16 years of age and over.....	60,538	51,123	9,460
Under 16 years of age.....	1,047	642	405

The average number of persons engaged in manufactures during 1909 was 78,360, of whom 61,635 were wage earners. Of the remainder, 8,814 were proprietors and officials and 7,911 were clerks. Corresponding figures for individual industries will be found in Table II.

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 15 important industries individually.

Of the total number of persons engaged in all manufacturing industries, 11.2 per cent were proprietors and officials, 10.1 per cent clerks, and 78.7 per cent wage earners. In the bakeries, creameries, flour mills and gristmills, and printing and publishing establishments, the proportion of proprietors and officials was 20 per cent or more. Many of the establishments reported in the industries named are small and the work is to a large extent done by the proprietors or their immediate representatives, so that the proportion of persons engaged in these industries falling into the class of proprietors and officials is very much higher than for most of the other industries or for all industries combined. The smallest

proportion for this class is shown for railroad repair shops and is due partly to the fact that the establishments in this industry were under corporate ownership and so reported no proprietors; and partly to the fact that the higher officials of the railroad companies, who exercise general supervision over them, are not as a rule assigned to this particular branch of work.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	78,360	11.2	10.1	78.7
Agricultural implements.....	1,620	7.5	11.1	81.4
Bread and other bakery products.....	2,550	24.4	11.0	64.6
Brick and tile.....	3,054	11.8	1.8	86.4
Butter, cheese, and condensed milk.....	2,199	26.9	17.1	56.0
Buttons.....	3,376	4.1	2.0	94.0
Carriages and wagons and materials.....	1,328	12.2	9.0	78.8
Cars and general shop construction and repairs by steam-railroad companies.....	7,460	2.0	4.6	93.4
Flour-mill and gristmill products.....	1,186	37.1	8.3	54.6
Foundry and machine-shop products.....	6,289	8.8	10.0	81.2
Liquors, malt.....	636	10.4	11.8	77.8
Lumber and timber products.....	5,403	7.4	6.4	86.2
Patent medicines and compounds and druggists' preparations.....	887	17.4	42.3	40.4
Printing and publishing.....	8,065	20.0	19.9	60.2
Slaughtering and meat packing.....	4,849	3.4	11.2	85.5
Tobacco manufactures.....	2,523	18.8	4.2	77.0
All other industries.....	25,835	10.4	10.3	79.3

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

For all industries combined, 83 per cent of the average number of wage earners were males 16 years of age and over; 15.3 per cent, females 16 years of age and over; and 1.7 per cent, persons under the age of 16 years. The largest proportions of female wage earners for the industries shown separately are in the printing and publishing, bakery, button, patent medicine, and tobacco industries. In the first three of these industries over one-fourth of the employees were females 16 years of age and over, and in the tobacco industry about two-fifths are of this class. Although the total number of wage earners is comparatively small in the patent-medicine industry, more than one-half of the employees were females 16 years of age and over.

Of the total number of wage earners who are under 16 years of age, 43.8 per cent were employed in the

bakery, button, printing and publishing, slaughtering and meat-packing, and tobacco industries combined. The last-named industry shows the highest proportion of wage earners under 16 years of age, 4 per cent, while slaughtering and meat packing shows the next highest proportion, 3 per cent.

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.....	61,635	83.0	15.3	1.7
Agricultural implements.....	1,318	93.3	6.5	0.2
Bread and other bakery products.....	1,647	70.8	26.5	2.7
Brick and tile.....	3,158	99.2	.....	0.8
Butter, cheese, and condensed milk.....	1,231	96.0	3.7	0.3
Buttons.....	3,172	70.6	27.1	2.3
Carriages and wagons and materials.....	1,441	98.3	1.6	0.1
Cars and general shop construction and repairs by steam-railroad companies.....	6,969	99.9	(²)	(²)
Flour-mill and gristmill products.....	647	97.8	1.7	0.5
Foundry and machine-shop products.....	5,108	96.9	2.5	0.6
Liquors, malt.....	495	92.5	6.3	1.2
Lumber and timber products.....	4,658	97.7	0.4	1.9
Patent medicines and compounds and druggists' preparations.....	358	47.5	52.0	0.6
Printing and publishing.....	4,853	70.7	26.5	2.9
Slaughtering and meat packing.....	4,144	92.7	4.3	3.0
Tobacco manufactures.....	1,943	56.4	39.6	4.0
All other industries.....	20,493	71.6	26.3	2.1

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.				
	1909		1904		Per cent of increase, 1904-1909.
	Number.	Per cent distribution.	Number.	Per cent distribution.	
Total.....	78,360	100.0	61,361	100.0	27.7
Proprietors and firm members.....	5,323	6.8	4,758	7.8	11.9
Salaried employees.....	11,402	14.5	7,122	11.6	60.1
Wage earners (average number).....	61,635	78.7	49,481	80.6	24.6

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

The next 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.)

This table indicates that for all industries combined there has been practically no change in the proportion of male wage earners 16 years of age and over. In 1909 and 1904 they formed 83 per cent of all wage earners, as compared with 83.1 per cent in 1899. The proportion of female wage earners 16 years of age and over has shown greater variation, being 15.3 per cent of all wage earners in 1909, as compared with 14.8 per cent in 1904 and 12.9 per cent in 1899. There has been a decided decrease during the decade in the employment of children under 16 years of age.

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total.....	61,685	100.0	49,481	100.0	44,420	100.0
16 years of age and over	60,588	98.3	48,396	97.8	42,625	96.0
Male.....	51,128	83.0	41,082	83.0	36,890	83.1
Female.....	9,460	15.3	7,314	14.8	5,720	12.9
Under 16 years of age....	1,047	1.7	1,085	2.2	1,795	4.0

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 can-

ning and preserving 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 704, 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.

Decidedly the greatest variation during the year is shown for the canning and preserving industry, the numbers employed varying from 217, or only 3.8 per cent of the maximum, in February, the month of least activity, to 5,642 in September, the month of greatest activity occasioned by the time of ripening of the raw material. Employment in the brick and tile industry fluctuates from 1,594 in January to 4,093 in June.

The number of wage earners employed in all industries combined was the smallest in January and increased steadily month by month, with the exception of a small decrease in July, until September, when the largest number was reported. There was a difference of 12,357 wage earners, or 18.2 per cent, between the numbers employed in the months of greatest and least activity.

MONTH.	WAGE EARNERS.							
	All industries.		Brick and tile.		Canning and preserving.		All other industries.	
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.
January.....	55,649	81.8	1,594	38.9	221	3.9	53,834	90.7
February.....	56,081	82.5	1,018	29.5	217	3.8	54,246	91.4
March.....	57,912	85.2	2,350	57.0	253	4.5	55,303	93.2
April.....	60,328	88.7	3,375	82.5	310	5.5	56,643	95.5
May.....	61,440	90.3	3,024	75.0	206	5.2	57,220	96.4
June.....	62,581	92.0	4,093	100.0	389	6.9	58,099	97.9
July.....	62,215	91.5	4,022	98.3	581	10.3	57,612	97.1
August.....	60,408	97.6	3,093	77.0	4,601	81.5	57,814	97.4
September.....	68,000	100.0	3,971	97.0	5,642	100.0	58,393	98.4
October.....	64,097	94.3	3,634	88.8	1,482	26.3	58,881	98.4
November.....	62,895	92.5	3,020	73.8	570	10.2	59,299	99.9
December.....	62,018	91.2	2,204	56.0	393	7.0	59,881	100.0

Prevailing hours of labor.—In the next table wage earners have been classified according to 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 slightly more than three-fourths of the wage earners employed in the manufacturing industries of Iowa the prevailing

hours of labor range from 54 to 60 a week, 14 per cent of the total being employed in establishments operating less than 54 hours per week, and only 9.5 per cent being employed in establishments operating more than 60 hours per week.

It will be noted that in most of the larger industries the greater part of the wage earners work 60 hours per week. The majority of the wage earners in the gas industry, however, work more than 60 hours per week, while the prevailing hours of labor in the tobacco manufacturing industry are for the most part less than 54 per week.

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.....	61,635	6,594	2,034	3,972	11,125	27,049	3,946	504	1,411
Agricultural implements.....	1,318			80	493	739			
Artificial stone.....	730	12	20	46	56	596			
Boots and shoes, including cut stock and findings.....	730			9	645	62			
Boxes, cigar.....	79			24	40	15			
Boxes, fancy and paper.....	128		18		56				
Bread and other bakery products.....	1,647	87	6	182	184	1,028	89	31	40
Brick and tile.....	3,158	95	22	300	116	2,329	262	34	
Butter, cheese, and condensed milk.....	1,231	173	12	123	60	567	179	43	44
Buttons.....	3,172	19	9	432	1,804	634			274
Canning and preserving.....	1,247	69		11	4	1,061		91	11
Carpets, rag.....	158	6		60	31	61			
Carriages and wagons and materials.....	1,441	49	157	287	63	765	120		
Cars and general shop construction and repairs by steam-railroad companies.....	6,969	1,685		1,457	106	1,999	1,678		14
Cars and general shop construction and repairs by street-railroad companies.....	183	55		45		65			4
Clothing, men's, including shirts.....	1,480	170	257	422	529	102			
Clothing, women's.....	876	36	6	76	586	172			
Coffins, burial cases, and undertakers' goods.....	242		26	6		210			
Confectionery.....	1,032	7		147	165	701	6		6
Cooperage and wooden goods, not elsewhere specified.....	249	7	50	11	19	162			
Copper, tin, and sheet-iron products.....	585	92	19	116	20	338			
Cutlery and tools, not elsewhere specified.....	160	1		107	7	45			
Dairymen's, poulterers', and apiarists' supplies.....	730	1			35	694			
Flour-mill and gristmill products.....	647	36	6	22	1	403	99	30	50
Foundry and machine-shop products.....	5,108	34	23	673	1,771	2,595	3		9
Fur goods.....	73	8		32	1	32			
Furniture and refrigerators.....	1,074		28	67	375	604			
Gas and electric fixtures and lamps and reflectors.....	56	18	17	20		1			
Gas, illuminating and heating.....	808	43	5	67	143	46	101	24	377
Gloves and mittens, leather.....	234		78	4	101	51			
Ice, manufactured.....	151					26	7	74	44
Leather goods.....	600	4	6	16	406	168			
Liquors, malt.....	495	108		178	7	202			
Lumber and timber products.....	4,658	12	11	525	582	3,312	216		
Marble and stone work.....	315	154		58	15				
Mattresses and spring beds.....	242		3		61	178			
Paper and wood pulp.....	205						31	174	
Patent medicines and compounds and druggists' preparations.....	353	226	31	36	18	52			
Pottery, terra-cotta, and fire-clay products.....	286	7		22		171	86		
Printing and publishing.....	4,853	1,720	560	1,282	568	719	3	1	
Shipbuilding, including boat building.....	76			2		74			
Slaughtering and meat packing.....	4,144	324		922	60	2,836		2	
Stoves and furnaces, including gas and oil stoves.....	352	9		91		262			
Tobacco manufactures.....	1,943	1,023	505	129	184	102			
Wall plaster.....	339	13		27		499			
Woolen, worsted, and felt goods, and wool hats.....	134	22			4	108			
All other industries.....	6,755	269	154	822	1,814	2,106	1,052		538

Location of establishments.—The following table shows the extent to which the manufactures of Iowa are centralized in cities of 10,000 population or over. (See Introduction.) The statistics for 1904 are

omitted from this table, because there was no Federal census of population for that year and it was impossible to determine the cities to be included in the group having over 10,000 inhabitants:

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 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	2,224,771	467,198	21.0	137,107	6.2	330,091	14.8	1,757,573	79.0
	1900	2,231,353	347,355	15.6	129,096	5.7	218,259	9.8	1,884,498	84.4
Number of establishments.....	1909	5,528	1,987	35.9	645	11.7	1,342	24.3	3,541	64.1
	1899	4,828	1,417	29.3	589	12.2	828	17.1	3,411	70.6
Average number of wage earners.....	1909	61,635	44,845	72.8	15,776	25.6	29,069	47.2	16,790	27.2
	1899	44,420	29,798	67.1	12,633	28.4	17,165	38.6	14,622	32.9
Value of products.....	1909	\$259,237,637	\$189,270,682	73.0	\$49,011,676	18.9	\$140,259,006	54.1	\$69,066,955	27.0
	1899	132,870,865	89,630,645	67.5	34,655,737	26.1	54,974,908	41.4	43,240,220	32.5
Value added by manufacture.....	1909	88,530,589	63,114,904	71.3	17,369,166	19.6	45,745,738	51.7	25,415,685	28.7
	1899	47,091,998	31,784,431	67.5	11,480,013	24.4	20,304,418	43.1	15,307,667	32.5

In 1909, 73 per cent of the total value of products was reported from cities having over 10,000 inhabitants, and 72.8 per cent of the average number of wage earners was employed in such cities. The figures indicate that while very little relative change has taken place during the last 10 years, yet on the whole the industries of the cities of over 10,000 have gained slightly on those of the districts outside during the last decade. The increase in the population of different cities has affected the grouping in the table. In 1900 Clinton and Waterloo were in the first group, but during the following decade the population of each increased so that both now fall in the second group. Prior to 1910 Boone, Iowa City, and Mason City each had less than 10,000 inhabitants, hence were included with the districts outside the cities in 1899.

The population for 1910 and 1900 of the 17 cities which had 10,000 inhabitants or over in 1910 is given in the following statement:

CITY.	1910	1900	CITY.	1910	1900
Des Moines.....	86,308	62,130	Ottumwa.....	22,012	18,197
Sioux City.....	47,828	33,111	Muscatine.....	10,178	14,073
Davenport.....	43,028	35,254	Fort Dodge.....	15,543	12,162
Dubuque.....	38,404	30,207	Keokuk.....	14,008	14,041
Cedar Rapids.....	32,811	25,656	Marshalltown.....	13,374	11,544
Council Bluffs.....	20,202	25,802	Mason City.....	11,230	9,746
Waterloo.....	26,693	12,550	Boone.....	10,347	8,880
Clinton.....	25,577	22,008	Iowa City.....	10,091	7,987
Burlington.....	24,324	23,201			

¹ Population less than 10,000 in 1900, therefore, in the preceding table the statistics for 1899 are included with those for the districts outside of cities.

The addition of Boone, Iowa City, and Mason City to the group of cities having 10,000 inhabitants or over in 1909 caused little proportionate change in the totals for such cities and for the remainder of the state. By deducting from the total for cities the total value of products, \$4,368,202, reported in 1909 for these three places, the remainder would represent 71.3 per cent instead of 73 per cent of the total for the state. The group comprising the cities having from 10,000 to 25,000 inhabitants shows a decline in its proportions of the various totals, as compared with 1899, while the group made up of cities having more than 25,000 inhabitants shows pronounced increases in these proportions, due in part to changes in the composition of the respective groups. A marked absolute increase was, however, returned in all items for the group of smaller cities. In 1909, of the total value of products reported for the state, 18.9 per cent was reported from the nine cities having from 10,000 to 25,000 inhabitants, and 54.1 per cent from the eight cities having more than 25,000 inhabitants.

The relative importance of each of the 17 cities having a population of 10,000 or over in 1910 is shown in the next table, in which the value of products and average number of wage earners are shown separately for 1909, 1904, and 1899.

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1909	1904	1899	1909	1904	1899
Sioux City.....	3,750	2,299	2,463	\$37,424,450	\$14,760,751	\$14,227,068
Cedar Rapids.....	3,565	3,259	2,374	24,824,276	16,279,706	11,135,435
Des Moines.....	5,383	4,155	3,479	23,584,667	15,084,958	8,386,485
Davenport.....	4,231	3,840	3,403	18,801,822	13,695,978	9,872,327
Dubuque.....	5,168	4,274	4,658	15,376,328	9,279,414	9,651,247
Ottumwa.....	2,650	2,304	1,820	14,838,315	10,374,183	8,661,006
Waterloo.....	3,124	1,674	804	8,990,420	4,083,888	2,088,222
Burlington.....	4,100	2,915	2,054	8,443,290	5,779,337	4,450,880
Clinton.....	2,414	2,153	2,502	7,479,515	4,906,355	6,203,316
Keokuk.....	1,541	1,533	1,302	7,398,733	4,225,915	3,048,460
Muscatine.....	3,490	2,703	2,539	6,165,806	5,039,640	5,219,787
Marshalltown.....	1,365	888	1,112	4,821,805	3,080,312	3,956,732
Council Bluffs.....	1,434	1,001	788	3,708,508	1,924,103	1,682,336
Fort Dodge.....	1,115	901	300	2,975,459	3,025,650	1,005,834
Mason City.....	807	(¹)	(¹)	2,880,732	(¹)	(¹)
Iowa City.....	282	(¹)	(¹)	805,046	(¹)	(¹)
Boone.....	330	307	485	082,424	714,288	629,386

¹ Figures not available.

With the exception of Fort Dodge and Boone, every city for which separate statistics are presented for both 1904 and 1909 shows an increase in value of products for the five-year period, and all excepting Dubuque, Clinton, Muscatine, and Marshalltown show increases from 1899 to 1904. The percentages of increase, however, are generally greater for the period 1904-1909. The greatest absolute and relative gains from 1904 to 1909 were made by Sioux City, which is the most important manufacturing center of the state. During the period named the value of products increased \$22,663,699, or 153.5 per cent. This increase was due largely to the development of slaughtering and meat packing, which is the leading industry of the city. The next largest absolute increase, \$8,544,570, is shown for Cedar Rapids, and was due principally to an increased production of meat and other food products. Council Bluffs ranks next to Sioux City in the percentage of increase, with 95.9. This large increase was not due to unusual gains in any particular industry. Des Moines, which ranks first in population, ranks only third as a manufacturing center. The most important industries are foundry and machine-shop products, patent medicines and compounds, printing and publishing, and slaughtering and meat packing. A number of new industries have been established since 1904. This city shows an increase from 1904 to 1909 of \$8,499,709, or 56.3 per cent, in value of products, and an increase of 1,228, or 29.6 per cent, in number of wage earners.

The manufacture of glucose and starch, foundry and machine-shop, and flour-mill and gristmill products are the leading industries in Davenport. Steam-railroad repair shops, the men's clothing, and the lumber and timber industries are the most important in Dubuque. Ottumwa is the second city of the state in slaughtering and meat packing. Waterloo leads in the production of agricultural implements and dairymen's, poultryers', and apiarists' supplies, while Muscatine leads in the production of buttons. The principal industries in the remaining cities shown in the above table were as

follows: Burlington, the steam-railroad repair shops, and foundries and machine shops; Clinton, the manufacture of glucose and starch and of lumber and timber products; Keokuk, reworking butter and the manufacture of glucose and starch and of patent medicines; Marshalltown and Mason City, slaughtering and meat packing; Fort Dodge, the manufacture of boots and shoes, food preparations, and wall plaster; Iowa City, printing and publishing, breweries, and leather gloves and mittens; and Boone, railroad repair shops.

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 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:					Buttons, 1909.....	70	3,172	\$4,035,428	\$2,621,757
1909.....	5,528	61,635	\$259,237,637	\$88,530,589	Individual.....	26	274	318,749	218,661
1904.....	4,785	49,481	160,572,313	57,728,421	Firm.....	22	621	1,317,781	943,173
Individual:					Corporation ¹	22	1,977	2,398,898	1,459,923
1909.....	2,735	7,600	24,053,314	11,140,151	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	2,308	6,850	18,177,968	8,329,139	Individual.....	37.1	8.6	7.9	8.3
Firm:					Firm.....	31.4	29.0	32.7	36.0
1909.....	1,105	7,909	32,861,391	11,107,494	Corporation ¹	31.4	62.3	59.4	55.7
1904.....	1,088	7,073	18,986,724	8,591,846	Carriages and wagons and materials, 1909.....	119	1,441	\$4,786,321	\$2,036,810
Corporation:					Individual.....	64	253	522,717	304,702
1909.....	1,317	45,475	189,182,389	64,962,903	Firm.....	35	393	1,541,056	712,184
1904.....	1,041	34,942	116,246,585	39,788,452	Corporation.....	20	795	2,722,548	1,021,924
Other:					Per cent of total.....	100.0	100.0	100.0	100.0
1909.....	371	651	13,140,543	1,320,041	Individual.....	53.8	17.6	10.9	14.9
1904.....	348	616	7,161,036	1,018,984	Firm.....	29.4	27.3	32.2	34.9
Per cent of total:					Corporation.....	16.8	55.2	56.9	50.1
1909.....	100.0	100.0	100.0	100.0	Flour-mill and gristmill products, 1909.....	277	647	\$12,870,803	\$1,936,825
1904.....	100.0	100.0	100.0	100.0	Individual.....	146	171	2,412,391	441,667
Individual:					Firm.....	89	125	2,547,298	446,057
1909.....	49.5	12.3	9.3	12.6	Corporation ¹	42	351	7,910,914	1,049,101
1904.....	48.2	13.8	11.3	14.4	Per cent of total.....	100.0	100.0	100.0	100.0
Firm:					Individual.....	52.7	26.4	18.7	22.8
1909.....	20.0	12.8	12.7	12.5	Firm.....	32.1	19.3	19.8	23.0
1904.....	22.7	14.3	11.8	14.9	Corporation ¹	15.2	54.2	61.5	54.2
Corporation:					Foundry and machine-shop products, 1909.....	274	5,108	\$14,064,382	\$7,682,806
1909.....	23.8	73.8	73.0	73.4	Individual.....	91	563	1,510,795	863,135
1904.....	21.8	70.9	72.4	68.9	Firm.....	61	823	2,778,450	1,333,702
Other:					Corporation.....	122	3,717	9,776,137	5,495,969
1909.....	6.7	1.1	5.1	1.5	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	7.3	1.2	4.5	1.8	Individual.....	33.2	11.0	10.7	11.2
Agricultural implements, 1909.	42	1,318	\$4,757,089	\$2,585,973	Firm.....	22.3	16.2	19.8	17.3
Individual.....	8	38	102,783	44,019	Corporation.....	44.5	72.8	69.5	71.4
Firm.....	8	26	82,155	37,005	Lumber and timber products, 1909.....	229	4,658	\$12,659,259	\$5,518,730
Corporation.....	26	1,254	4,572,151	2,504,949	Individual.....	118	259	662,940	295,559
Per cent of total.....	100.0	100.0	100.0	100.0	Firm.....	56	413	935,924	412,496
Individual.....	19.0	2.9	2.2	1.7	Corporation.....	55	3,986	11,160,395	4,810,675
1904.....	19.0	2.0	1.7	1.4	Per cent of total.....	100.0	100.0	100.0	100.0
Corporation.....	61.9	95.1	96.1	96.9	Individual.....	51.5	5.6	4.4	5.4
Bread and other bakery products, 1909.....	495	1,647	\$6,817,672	\$2,670,799	Firm.....	24.5	8.9	7.4	7.5
Individual.....	392	638	2,861,259	1,164,996	Corporation.....	24.0	85.6	88.2	87.2
Firm.....	78	240	1,011,017	356,500	Printing and publishing, 1909.	1,110	4,853	\$12,128,657	\$3,841,580
Corporation ¹	25	769	2,945,396	1,149,303	Individual.....	702	1,685	3,399,193	2,616,071
Per cent of total.....	100.0	100.0	100.0	100.0	Firm.....	208	729	1,429,501	1,086,901
Individual.....	79.2	33.7	42.0	43.6	Corporation.....	170	2,367	7,066,490	4,945,244
1904.....	15.8	14.6	14.8	13.3	Other.....	30	72	233,473	192,344
Firm.....	15.8	14.6	14.8	13.3	Per cent of total.....	100.0	100.0	100.0	100.0
Corporation ¹	5.0	46.7	43.2	43.0	Individual.....	63.2	34.7	28.0	29.6
Brick and tile, 1909.....	235	3,158	\$4,482,767	\$3,278,327	Firm.....	18.7	15.0	11.8	12.3
Individual.....	96	492	631,546	464,805	Corporation.....	15.3	48.8	58.3	55.9
Firm.....	70	691	982,025	736,845	Other.....	2.7	1.6	1.9	2.2
Corporation.....	69	1,975	2,869,196	2,076,677	Slaughtering and meat packing, 1909.....	33	4,144	\$59,045,232	\$5,917,356
Per cent of total.....	100.0	100.0	100.0	100.0	Individual.....	12	94	931,307	133,513
Individual.....	40.9	15.6	14.1	14.2	Firm.....	7	1,107	11,135,090	865,977
1904.....	29.8	21.9	21.9	22.5	Corporation.....	14	2,943	46,978,835	4,918,366
Firm.....	29.4	62.5	64.0	63.3	Per cent of total.....	100.0	100.0	100.0	100.0
Corporation.....	29.4	62.5	64.0	63.3	Individual.....	36.4	2.3	1.6	2.3
Butter, cheese, and condensed milk, 1909.....	512	1,231	\$25,849,866	\$3,008,236	Firm.....	21.2	26.7	18.9	14.6
Individual.....	105	202	3,371,872	429,710	Corporation.....	42.4	71.0	79.6	83.1
Firm.....	51	134	2,239,808	288,277	Buttons, 1909.....	70	3,172	\$4,035,428	\$2,621,757
Corporation.....	58	407	7,737,198	1,274,499	Individual.....	26	274	318,749	218,661
Other.....	298	488	12,500,988	1,015,750	Firm.....	22	621	1,317,781	943,173
Per cent of total.....	100.0	100.0	100.0	100.0	Corporation ¹	22	1,977	2,398,898	1,459,923
Individual.....	20.5	16.4	13.0	14.3	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	10.0	10.9	8.7	9.6	Individual.....	37.1	8.6	7.9	8.3
Firm.....	11.3	33.1	29.9	42.4	Firm.....	31.4	29.0	32.7	36.0
Corporation.....	58.2	39.6	48.4	33.8	Corporation ¹	31.4	62.3	59.4	55.7
Other.....	58.2	39.6	48.4	33.8	Carriages and wagons and materials, 1909.....	119	1,441	\$4,786,321	\$2,036,810
Buttons, 1909.....	70	3,172	\$4,035,428	\$2,621,757	Individual.....	64	253	522,717	304,702
Individual.....	26	274	318,749	218,661	Firm.....	35	393	1,541,056	712,184
Firm.....	22	621	1,317,781	943,173	Corporation.....	20	795	2,722,548	1,021,924
Corporation ¹	22	1,977	2,398,898	1,459,923	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total.....	100.0	100.0	100.0	100.0	Individual.....	53.8	17.6	10.9	14.9
Individual.....	37.1	8.6	7.9	8.3	Firm.....	29.4	27.3	32.2	34.9
Firm.....	31.4	29.0	32.7	36.0	Corporation.....	16.8	55.2	56.9	50.1
Corporation ¹	31.4	62.3	59.4	55.7	Flour-mill and gristmill products, 1909.....	277	647	\$12,870,803	\$1,936,825
Carriages and wagons and materials, 1909.....	119	1,441	\$4,786,321	\$2,036,810	Individual.....	146	171	2,412,391	441,667
Individual.....	64	253	522,717	304,702	Firm.....	89	125	2,547,298	446,057
Firm.....	35	393	1,541,056	712,184	Corporation ¹	42	351	7,910,914	1,049,101
Corporation.....	20	795	2,722,548	1,021,924	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total.....	100.0	100.0	100.0	100.0	Individual.....	52.7	26.4	18.7	22.8
Individual.....	53.8	17.6	10.9	14.9	Firm.....	32.1	19.3	19.8	23.0
1909.....	49.5	12.3	9.3	12.6	Corporation ¹	15.2	54.2	61.5	54.2
1904.....	48.2	13.8	11.3	14.4	Foundry and machine-shop products, 1909.....	274	5,108	\$14,064,382	\$7,682,806
Firm:					Individual.....	91	563	1,510,795	863,135
1909.....	20.0	12.8	12.7	12.5	Firm.....	61	823	2,778,450	1,333,702
1904.....	22.7	14.3	11.8	14.9	Corporation.....	122	3,717	9,776,137	5,495,969
Corporation:					Per cent of total.....	100.0	100.0	100.0	100.0
1909.....	23.8	73.8	73.0	73.4	Individual.....	33.2	11.0	10.7	11.2
1904.....	21.8	70.9	72.4	68.9	Firm.....	22.3	16.2	19.8	17.3
Other:					Corporation.....	44.5	72.8	69.5	71.4
1909.....	6.7	1.1	5.1	1.5	Lumber and timber products, 1909.....	229	4,658	\$12,659,259	\$5,518,730
1904.....	7.3	1.2	4.5	1.8	Individual.....	118	259	662,940	295,559
Agricultural implements, 1909.	42	1,318	\$4,757,089	\$2,585,973	Firm.....	56	413	935,924	412,496
Individual.....	8	38	102,783	44,019	Corporation.....	55	3,986	11,160,395	4,810,675
Firm.....	8	26	82,155	37,005	Per cent of total.....	100.0	100.0	100.0	100.0
Corporation.....	26	1,254	4,572,151	2,504,949	Individual.....	51.5	5.6	4.4	5.4
Per cent of total.....	100.0	100.0	100.0	100.0	Firm.....	24.5	8.9	7.4	7.5
Individual.....	19.0	2.9	2.2	1.7	Corporation.....	24.0	85.6	88.2	87.2
1904.....	19.0	2.0	1.7	1.4	Printing and publishing, 1909.	1,110	4,853	\$12,128,657	\$3,841,580
Corporation.....	61.9	95.1	96.1	96.9	Individual.....	702	1,685	3,399,193	2,616,071
Bread and other bakery products, 1909.....	495	1,647	\$6,817,672	\$2,670,799	Firm.....	208	729	1,429,501	1,086,901
Individual.....	392	638	2,861,259						

Little change is shown from 1904 to 1909 in the proportions of the total number of establishments under the several forms of ownership. Individual and corporate ownership each show a slight increase in their percentages of the total number of establishments, 1.3 and 2, respectively, while firm ownership and "Other" forms show decreases of 2.7 and six-tenths of 1 per cent, respectively.

For all industries combined, as measured by value of products and value added by manufacture, all forms of ownership show substantial absolute increases. The most noticeable feature of the table is the variation in the relative proportions of the different items reported for the respective forms of ownership. In 1909 establishments operated by corporations, although constituting only 23.8 per cent of the establishments engaged in all manufacturing industries, contributed 73 per cent of the total value of products, while individual ownership was credited with 49.5 per cent of the establishments and only 9.3 per cent of the total value of products.

The form of ownership prevailing in the different industries varied considerably. In all but four of the industries shown separately the most common form of ownership was the individual. The largest percentages of corporations are found in the agricultural implement, foundry and machine-shop, and slaughtering and meat-packing industries. In the butter, cheese, and condensed-milk industry the most common form of ownership was the cooperative, classed under "Other" form of ownership in the table. These are establishments operated largely by associations which organize for the purpose of securing a steadier and better market for their milk and cream.

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 table on page 693 groups the establishments according to the value of their

products. The table also shows the average size of establishments for all industries combined and for important industries separately as measured by number of wage earners, value of products, and value added by manufacture. The totals for all industries are shown for the last two censuses, while for the individual industries figures are given for 1909 only.

This table shows that, in 1909, of the 5,528 establishments only 29, or five-tenths of 1 per cent, had a value of products exceeding \$1,000,000. These establishments, however, employed a combined average of 10,394 wage earners, or 16.9 per cent of the total number in all establishments, and reported 36.9 per cent of the total value of products and 20.9 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 (41.3 per cent) of the total number of establishments, but the value of their products amounted to only 2.1 per cent of the total. The great bulk of the manufacturing was reported by establishments having a product valued at not less than \$100,000. In 1909 these establishments reported 61.4 per cent of the total wage earners and 72 per cent of the total value of products.

It will be seen from the table that during the five years from 1904 to 1909 there was a considerable increase when 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.

The fact that the average value of products per establishment increased from \$33,557 to \$46,895 and the value added by manufacture from \$12,064 to \$16,015 can not be taken as in itself indicating a tendency toward concentration. The increased values shown may be, and probably are, due in part to the increase that has taken place in the price of commodities. The average number of wage earners per establishment shows an increase of only one.

STATISTICS OF MANUFACTURES.

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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:					Buttons, 1909	70	3,172	\$4,035,428	\$2,621,757
1909.....	5,528	61,635	\$259,237,637	\$38,530,589	Less than \$5,000.....	19	42	35,202	25,386
1904.....	4,785	49,481	160,573,313	57,738,421	\$5,000 and less than \$20,000.....	19	222	207,627	137,623
Less than \$5,000:					\$20,000 and less than \$100,000.....	23	1,021	1,085,230	716,659
1909.....	2,281	2,639	5,437,954	3,474,403	\$100,000 and less than \$1,000,000.....	9	1,837	2,704,359	1,741,059
1904.....	2,023	2,680	4,839,341	3,174,225	Percent of total.....	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000:					Less than \$5,000.....	27.1	1.3	0.9	1.0
1909.....	1,696	6,836	16,965,804	9,175,990	\$5,000 and less than \$20,000.....	27.1	7.0	5.1	5.2
1904.....	1,589	6,671	16,089,197	7,574,371	\$20,000 and less than \$100,000.....	32.0	32.2	26.0	27.3
\$20,000 and less than \$100,000:					\$100,000 and less than \$1,000,000.....	12.9	59.5	67.0	68.4
1909.....	1,156	14,344	50,150,907	18,679,294	Average per establishment.....	45		\$57,649	\$37,454
1904.....	913	13,658	35,000,333	16,193,200	Carriages and wagons and materials, 1909	119	1,441	\$4,768,321	\$2,038,810
\$100,000 and less than \$1,000,000:					Less than \$5,000.....	47	63	139,285	87,821
1909.....	366	27,422	91,097,657	38,737,562	\$5,000 and less than \$20,000.....	49	213	410,766	256,677
1904.....	249	21,424	60,553,658	25,530,639	\$20,000 and less than \$100,000.....	22	360	1,085,272	485,024
\$1,000,000 and over:					\$100,000 and less than \$1,000,000.....	10	800	3,150,998	1,209,353
1909.....	29	10,394	95,585,315	18,463,340	Percent of total.....	100.0	100.0	100.0	100.0
1904.....	11	4,868	41,089,284	5,255,936	Less than \$5,000.....	39.5	4.4	2.9	4.3
Percent of total:					\$5,000 and less than \$20,000.....	33.6	15.1	8.6	12.6
1909.....	100.0	100.0	100.0	100.0	\$20,000 and less than \$100,000.....	15.5	25.0	22.7	23.8
1904.....	100.0	100.0	100.0	100.0	\$100,000 and less than \$1,000,000.....	8.4	55.5	65.8	69.7
Less than \$5,000:					Average per establishment.....	12		\$40,221	\$17,133
1909.....	41.3	4.3	2.1	3.9	Flour-mill and gristmill products, 1909	277	647	\$12,870,803	\$1,936,825
1904.....	42.3	5.8	3.0	5.5	Less than \$5,000.....	52	17	150,539	35,345
\$5,000 and less than \$20,000:					\$5,000 and less than \$20,000.....	97	93	1,016,020	224,684
1909.....	30.7	11.1	6.5	10.4	\$20,000 and less than \$100,000.....	105	228	3,959,401	678,032
1904.....	33.2	13.5	10.0	13.1	\$100,000 and less than \$1,000,000.....	23	309	7,744,343	997,764
\$20,000 and less than \$100,000:					Percent of total.....	100.0	100.0	100.0	100.0
1909.....	20.9	23.3	19.3	21.1	Less than \$5,000.....	18.3	2.6	1.2	1.9
1904.....	19.1	27.6	23.7	23.0	\$5,000 and less than \$20,000.....	35.0	14.4	7.9	11.6
\$100,000 and less than \$1,000,000:					\$20,000 and less than \$100,000.....	37.9	35.2	30.8	35.0
1909.....	6.6	44.5	35.1	43.8	\$100,000 and less than \$1,000,000.....	8.3	47.8	60.2	51.5
1904.....	5.2	43.3	37.7	44.2	Average per establishment.....	2		\$46,464	\$6,992
\$1,000,000 and over:					Foundry and machine-shop products, 1909	274	5,108	\$14,064,382	\$7,692,806
1909.....	0.5	16.9	36.9	20.9	Less than \$5,000.....	64	64	159,271	104,777
1904.....	0.2	9.8	25.6	9.1	\$5,000 and less than \$20,000.....	90	410	902,053	559,189
Average per establishment:					\$20,000 and less than \$100,000.....	84	1,300	3,623,019	2,041,263
1909.....	11		\$46,895	\$16,015	\$100,000 and less than \$1,000,000.....	36	3,325	9,380,039	4,987,577
1904.....	10		33,557	12,064	Percent of total.....	100.0	100.0	100.0	100.0
Agricultural implements, 1909	42	1,318	\$4,757,089	\$2,585,973	Less than \$5,000.....	23.4	1.3	1.1	1.4
Less than \$5,000.....	8	10	22,241	13,078	\$5,000 and less than \$20,000.....	32.8	8.2	6.4	7.3
\$5,000 and less than \$20,000.....	14	54	132,567	75,310	\$20,000 and less than \$100,000.....	30.7	25.4	25.8	28.5
\$20,000 and less than \$100,000.....	8	146	407,692	194,950	\$100,000 and less than \$1,000,000.....	13.1	65.1	67.7	64.8
\$100,000 and less than \$1,000,000.....	12	1,103	4,194,689	2,302,635	Average per establishment.....	19		\$51,330	\$28,076
Percent of total.....	100.0	100.0	100.0	100.0	Lumber and timber products, 1909	229	4,658	\$12,659,259	\$5,518,730
Less than \$5,000.....	19.0	0.8	0.5	0.5	Less than \$5,000.....	124	112	254,345	148,342
\$5,000 and less than \$20,000.....	33.3	4.1	2.3	2.9	\$5,000 and less than \$20,000.....	47	177	385,294	212,362
\$20,000 and less than \$100,000.....	19.0	11.1	8.6	7.6	\$20,000 and less than \$100,000.....	30	621	1,384,233	610,479
\$100,000 and less than \$1,000,000.....	28.6	84.1	83.2	89.0	\$100,000 and less than \$1,000,000.....	25	2,732	7,230,278	2,996,757
Average per establishment.....		31	\$113,264	\$61,571	\$1,000,000 and over.....	3	1,016	3,404,609	1,549,790
Bread and other bakery products, 1909	495	1,647	\$6,817,672	\$2,670,799	Percent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	211	123	570,471	256,853	Less than \$5,000.....	54.1	2.4	2.0	2.7
\$5,000 and less than \$20,000.....	234	490	2,157,322	884,251	\$5,000 and less than \$20,000.....	20.5	3.8	3.0	3.8
\$20,000 and less than \$100,000.....	40	369	1,459,180	570,757	\$20,000 and less than \$100,000.....	13.1	13.3	10.9	11.1
\$100,000 and less than \$1,000,000.....	10	660	2,624,699	958,933	\$100,000 and less than \$1,000,000.....	10.9	68.7	57.1	64.3
Percent of total.....	100.0	100.0	100.0	100.0	\$1,000,000 and over.....	1.3	21.8	26.9	28.1
Less than \$5,000.....	42.6	7.8	8.5	9.6	Average per establishment.....	20		\$55,231	\$24,099
\$5,000 and less than \$20,000.....	47.3	29.8	31.6	33.1	Printing and publishing, 1909	1,110	4,853	\$12,128,657	\$5,841,580
\$20,000 and less than \$100,000.....	8.1	22.4	21.4	21.4	Less than \$5,000.....	674	937	1,054,559	1,324,435
\$100,000 and less than \$1,000,000.....	2.0	40.1	38.5	35.9	\$5,000 and less than \$20,000.....	341	1,621	2,973,787	2,313,021
Average per establishment.....		3	\$13,773	\$5,398	\$20,000 and less than \$100,000.....	71	1,232	3,143,782	2,219,854
Brick and tile, 1909	235	3,158	\$4,482,767	\$3,278,327	\$100,000 and less than \$1,000,000.....	24	1,163	4,346,629	2,984,250
Less than \$5,000.....	84	209	221,540	174,445	Percent of total.....	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000.....	91	683	902,083	685,159	Less than \$5,000.....	60.7	19.3	13.6	15.0
\$20,000 and less than \$100,000.....	49	1,362	1,935,799	1,379,125	\$5,000 and less than \$20,000.....	30.7	31.3	24.6	26.2
\$100,000 and less than \$1,000,000.....	11	904	1,423,345	1,039,698	\$20,000 and less than \$100,000.....	6.4	25.4	26.0	25.1
Percent of total.....	100.0	100.0	100.0	100.0	\$100,000 and less than \$1,000,000.....	2.2	24.0	35.8	33.8
Less than \$5,000.....	35.7	6.6	4.9	5.3	Average per establishment.....	4		\$10,927	\$7,925
\$5,000 and less than \$20,000.....	33.7	21.6	20.1	20.9	Slaughtering and meat packing, 1909	33	4,144	\$59,045,232	\$5,917,856
\$20,000 and less than \$100,000.....	20.9	43.1	43.2	42.1	Less than \$5,000.....	6	8	54,893	17,662
\$100,000 and less than \$1,000,000.....	4.7	28.6	31.8	31.7	\$5,000 and less than \$20,000.....	11	54	532,289	100,179
Average per establishment.....		13	\$91,076	\$13,950	\$20,000 and less than \$100,000.....	8	290	3,230,188	395,910
Butter, cheese, and condensed milk, 1909	512	1,231	\$25,849,866	\$3,003,236	\$100,000 and less than \$1,000,000.....	8	3,792	55,227,862	5,404,105
Less than \$5,000.....	16	9	52,961	10,353	Percent of total.....	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000.....	109	115	1,414,623	190,942	Less than \$5,000.....	18.2	0.2	0.1	0.3
\$20,000 and less than \$100,000.....	348	650	14,021,639	1,322,643	\$5,000 and less than \$20,000.....	33.3	1.3	0.9	1.7
\$100,000 and less than \$1,000,000.....	39	457	9,460,643	1,484,298	\$20,000 and less than \$100,000.....	24.2	7.0	5.5	6.7
Percent of total.....	100.0	100.0	100.0	100.0	\$100,000 and less than \$1,000,000.....	24.2	91.5	93.5	91.9
Less than \$5,000.....	3.1	0.7	0.2	0.3	Average per establishment.....	126		\$1,789,249	\$179,329
\$5,000 and less than \$20,000.....	21.3	9.3	5.5	6.3	Buttons, 1909	70	3,172	\$4,035,428	\$2,621,757
\$20,000 and less than \$100,000.....	68.0	82.8	57.7	44.0	Less than \$5,000.....	19	42	35,202	25,386
\$100,000 and less than \$1,000,000.....	7.6	37.1	36.6	49.3	\$5,000 and less than \$20,000.....	19	222	207,627	137,623
Average per establishment.....		2	\$50,488	\$5,875	\$20,000 and less than \$100,000.....	23	1,021	1,085,230	716,659
					\$100,000 and less than \$1,000,000.....	9	1,837	2,704,359	1,741,059
					Percent of total.....	100.0	100.0	100.0	100.0
					Less than \$5,000.....	27.1	1.3	0.9	1.0
					\$5,000 and less than \$20,000.....	27.1	7.0	5.1	5.2
					\$20,000 and less than \$100,000.....	32.0	32.2	26.0	27.3
					\$100,000 and less than \$1,000,000.....	12.9	59.5	67.0	68.4
					Average per establishment.....	45		\$57,649	\$37,454
					Carriages and wagons and materials, 1909	119	1,441	\$4,768,321	\$2,038,810
					Less than \$5,000.....	47	63	139,285	87,821
					\$5,000 and less than \$20,000.....	49	213	410,766	256,677
					\$20,000 and less than \$100,000.....	22	360	1,085,272	485,024
					\$100,000 and less than \$1,000,000.....	10	800	3,150,998	1,209,353
					Percent of total.....	100.0	100.0	100.0	100.0
					Less than \$5,000.....	39.5	4.4	2.9	4.3
					\$5,000 and less than \$20,000.....	33.6	15.1	8.6	12.6
					\$20,000 and less than \$100,000.....	15.5	25.0	22.7	23.8
					\$100,000 and less than \$1,000,000.....	8.4	55.5	65.8	69.7
					Average per establishment.....	12		\$40,221	\$17,133
					Flour-mill and gristmill				

In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed.

The following table shows, for 1909, such a classification for all industries combined and for 15 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.....	5,528	648	3,525	815	313	180	68	24	9	1
Agricultural implements.....	42	1	19	7	9	3	2	1		1
Bread and other bakery products.....	495	93	358	34	5	1	4			
Brick and tile.....	235	3	120	73	23	14	2			
Butter, cheese, and condensed milk.....	512	29	444	31	8					
Buttons.....	70		22	18	13	8	6	3		
Carrriages and wagons and materials.....	119	13	59	34	7	3	3			
Cars and general shop construction and repairs by steam-railroad companies.....	33		1	5	5	4	7	7	4	
Flour-mill and gristmill products.....	277	55	199	19	4					
Foundry and machine-shop products.....	274	16	131	78	28	12	6	8		
Liquors, malt.....	19		2	8	7	1	1			
Lumber and timber products.....	229	8	150	28	14	11	7	5		
Patent medicines and compounds and druggists' preparations.....	100	30	58	9	2		1			
Printing and publishing.....	1,110	158	777	135	34	3	3			
Slaughtering and meat packing.....	33		12	9	1	5	2		3	1
Tobacco manufactures.....	372	98	217	49	4	7	2			
All other industries.....	1,608	144	950	278	149	58	22	5	2	
AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	61,635		7,169	8,908	10,224	9,188	10,228	8,617	6,231	1,075
Agricultural implements.....	1,318		45	75	277	224	403	204		
Bread and other bakery products.....	1,647		625	330	152	64	476			
Brick and tile.....	3,158		396	845	694	965	258			
Butter, cheese, and condensed milk.....	1,231		707	285	239					
Buttons.....	3,173		52	234	440	559	969	918		
Carrriages and wagons and materials.....	1,441		156	307	280	193	445			
Cars and general shop construction and repairs by steam-railroad companies.....	6,960		2	89	145	310	989	2,540	2,894	
Flour-mill and gristmill products.....	647		330	173	144					
Foundry and machine-shop products.....	5,108		333	900	951	800	943	1,121		
Liquors, malt.....	495		7	86	206	87	129			
Lumber and timber products.....	4,658		217	320	520	700	1,016	1,825		
Patent medicines and compounds and druggists' preparations.....	358		99	88	43		128			
Printing and publishing.....	4,853		1,773	1,378	1,060	217	420			
Slaughtering and meat packing.....	4,144		21	101	36	359	318		2,234	1,075
Tobacco manufactures.....	1,943		458	525	121	547	292			
All other industries.....	20,493		1,943	3,107	4,916	4,063	3,442	1,019	1,103	
PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	100.0		11.6	14.4	16.6	14.9	16.6	14.0	10.1	1.7
Agricultural implements.....	100.0		3.4	5.7	21.0	17.0	30.0	22.3		
Bread and other bakery products.....	100.0		37.9	20.0	9.2	3.9	28.9			
Brick and tile.....	100.0		12.5	26.8	22.0	30.6	8.2			
Butter, cheese, and condensed milk.....	100.0		57.4	23.2	19.4					
Buttons.....	100.0		1.6	7.4	13.9	17.6	30.5	28.9		
Carrriages and wagons and materials.....	100.0		10.8	25.5	19.4	13.4	30.9			
Cars and general shop construction and repairs by steam-railroad companies.....	100.0		(1)	1.3	2.1	4.4	14.2	36.4	41.5	
Flour-mill and gristmill products.....	100.0		61.0	26.7	22.3					
Foundry and machine-shop products.....	100.0		6.5	17.6	18.6	16.8	18.5	21.9		
Liquors, malt.....	100.0		1.4	17.4	41.6	13.5	26.1			
Lumber and timber products.....	100.0		4.7	6.9	11.2	16.3	21.8	39.2		
Patent medicines and compounds and druggists' preparations.....	100.0		27.7	24.6	12.0		35.8			
Printing and publishing.....	100.0		36.6	28.4	21.8	4.5	8.7			
Slaughtering and meat packing.....	100.0		0.5	2.4	0.9	8.7	7.7		53.9	25.9
Tobacco manufactures.....	100.0		23.6	27.0	6.2	28.2	15.0			
All other industries.....	100.0		9.5	15.2	24.0	19.8	16.8	9.4	5.4	

¹ Less than one-tenth of 1 per cent.

Of the 5,528 establishments reported for all industries, 11.6 per cent employed no wage earners; 63.8 per cent, from 1 to 5; 14.7 per cent, 6 to 20; 5.7 per cent, 21 to 50; and 4.2 per cent, more than 50. The most numerous single group consists of the 3,525 establishments employing from 1 to 5 wage earners,

and the next of the 815 establishments employing from 6 to 20 wage earners. There were 102 establishments that employed over 100 wage earners; 34 employed over 250; 9 employed over 500; and only 1, which was a slaughtering and meat-packing establishment, employed over 1,000.

Of the total number of wage earners, 42.4 per cent were in establishments employing over 100 wage earners. The two groups having the largest number of employees were those comprising the establishments employing from 21 to 50 wage earners and from 101 to 250, each of which employed 10,228 wage earners, or 16.6 per cent of the total. The individual industries listed in this table, but not in the preceding one, namely, the steam-railroad repair shops, breweries, the patent medicine industry, and tobacco manufactures are all industries in which comparatively large establishments do most of the business, as appears from the classification according to the number of wage earners.

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

The next 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.

This table shows that, for all industries combined, 73.2 per cent of the total expenses were incurred for materials, 18.6 per cent for services—that is, salaries and wages—and but 8.2 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The high percentage for materials shown for all industries combined is caused mainly by three important industries, namely, slaughtering and meat packing; the butter, cheese, and condensed-milk industry; and the flour-mill and gristmill industry, for which the proportions were 92.3 per cent, 91.9 per cent, and 91.7 per cent, respectively. The expenses for services, however, were but 4.9 per cent of the total for the slaughtering and meat-packing and the butter, cheese, and condensed-milk industries, and 4.7 per cent for the flour-mill and gristmill industry.

The large proportion shown for miscellaneous expenses for the malt-liquor industry is due to the inclusion of internal-revenue tax, and that for the patent-medicine industry is because of the large expenses for advertising.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
All industries.....	4.7	18.9	73.2	8.2
Agricultural implements.....	9.4	17.8	56.6	16.2
Bread and other bakery products.....	5.0	14.5	70.8	9.8
Brick and tile.....	8.5	47.3	34.1	10.2
Butter, cheese, and condensed milk.....	1.5	8.4	91.9	8.2
Buttons.....	3.9	42.2	42.3	11.6
Carriages and wagons and materials.....	5.6	20.1	66.6	7.7
Cars and general shop construction and repairs by steam-railroad companies.....	4.7	44.2	50.2	1.0
Flour-mill and gristmill products.....	1.5	3.2	91.7	3.6
Foundry and machine-shop products.....	8.2	26.2	54.1	11.6
Liquors, malt.....	8.9	13.3	36.2	41.5
Lumber and timber products.....	4.6	20.8	63.0	11.5
Patent medicines and compounds and druggists' preparations.....	15.6	5.0	39.6	39.8
Printing and publishing.....	16.9	27.4	34.8	20.9
Slaughtering and meat packing.....	1.1	3.8	92.3	2.7
Tobacco manufactures.....	5.8	28.4	46.0	19.8
All other industries.....	6.0	14.5	69.5	9.9

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

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 ¹	1909	1904	1899 ¹	1909	1904	1899
Primary power, total.....	6,585	3,375	4,216	155,384	118,065	106,664	100.0	100.0	100.0
Owned.....	3,574	3,375	4,216	136,465	112,435	103,409	87.8	95.2	96.9
Steam.....	2,054	2,215	3,017	121,882	100,418	91,182	78.4	85.1	85.5
Gas.....	1,336	822	921	8,025	4,486	4,524	5.2	3.8	4.2
Water wheels.....	161	208	278	6,326	6,448	7,315	4.1	5.5	6.9
Water motors.....	23	30	(²)	85	83	(²)	0.1	0.1	(²)
Other.....				147	1,000	388	0.1	0.8	0.4
Rented.....	3,011	(²)	(²)	18,919	5,630	3,255	12.2	4.8	3.1
Electric.....	3,011	(²)	(²)	18,463	5,107	2,613	11.9	4.3	2.4
Other.....				456	523	642	0.3	0.4	0.6
Electric motors	4,459	271	211	40,786⁴	8,663	6,223	100.0	100.0	100.0
Run by current generated by establishment.....	1,448	271	211	22,273	3,556	3,609	64.7	41.0	58.0
Run by rented power.....	3,011	(²)	(²)	18,463	5,107	2,613	45.3	59.0	42.0

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

The table indicates that from 1904 to 1909 there was an increase of 37,319 horsepower, or 31.6 per cent, in the total primary power used in manufactures, while from 1899 to 1904 the increase was only 11,401 horsepower, or 10.7 per cent. Of the total increase from 1904 to 1909 in power used, 21,464 horsepower, or 57.5 per cent, was in power generated by steam engines, and 13,356 horsepower, or 35.8 per cent, in rented electric power. Water power decreased from 7,315 horsepower in 1899 to 6,531 in 1904 and 6,411 in 1909. The classes of power, both owned and rented, included under the head of "Other" show a decrease from 1904 to 1909. Steam is still the predominant power, although it furnished but 78.4 per cent of the total horsepower in 1909, as compared with 85.1 per cent in 1904 and 85.5 per cent in 1899. The more general use of gas engines is shown, there being 1,336 such engines, with a total of 8,025 horsepower, reported in 1909, as against 922 engines, with 4,486 horsepower, in 1904. The figures also show that the practice of renting electric power is on the increase, 11.9 per cent of the total primary power being of this character in 1909, compared with but 4.3 per cent in 1904 and only 2.4 per cent in 1899. The use of electric motors for the purpose of applying the power generated within the establishments is also shown to be increasing, the horsepower of such motors having increased from 3,556 in 1904 to 22,273 in 1909.

Fuel.—Closely related to the question of kind of power employed is that of the fuel consumed in generating this power, or otherwise used as material in the manufacturing processes. The following table shows the quantity of each kind of fuel used in 1909, by totals for all industries, and for certain selected industries:

INDUSTRY.	An-thracite coal (tons).	Bitum-inous coal (tons).	Coke (tons).	Wood (cords).	Oil, in-cluding gasoline (bar-rels).	Gas (1,000 feet).
All industries	8,728	1,835,448	49,584	26,195	186,885	66,805
Agricultural implements.....	23	16,139	1,154	24	1,026	166
Bread and other bakery prod-ucts.....	1,391	9,383	4,875	9,431	406	7,395
Brick and tile.....	1,500	467,742	500	1,008	201	.....
Butter, cheese, and condensed milk.....	192	66,615	168	2,312	292	.....
Buttons.....	134	18,821	12	210	659	.....
Carriages and wagons and mate-rials.....	65	12,979	587	105	1,951	545
Cars and general shop construc-tion and repairs by steam-rail-road companies.....	213	225,117	273	1,286	2,594	.....
Flour-mill and gristmill prod-ucts.....	356	56,061	2	196	1,038	3,603
Foundry and machine-shop products.....	1,225	53,402	11,043	1,693	14,743	4,752
Gas, illuminating and heating.....	216	94,175	24,234	.....	135,484	2
Ice, manufactured.....	.....	22,028	.....	.....	20	.....
Liquors, malt.....	134	38,488	.....	31	7	.....
Lumber and timber products.....	180	14,797	42	4	290	2
Patent medicines and com-pounds and druggists' prepa-rations.....	162	8,853	.....	11	31	794
Printing and publishing.....	490	13,948	114	242	2,786	23,165
Slaughtering and meat packing.....	21	167,903	.....	1,198	208	612
Tobacco manufactures.....	386	2,008	40	47	1	217
Wall plaster.....	.....	35,850	787	.....	.....	.....
All other industries.....	2,063	516,843	5,693	7,797	22,171	28,082

NOTE.—In addition, there were 754 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 which do not appear on the general schedule. Certain data of this character for five important industries in Iowa are here presented.

Slaughtering and meat packing.—The number and cost of animals slaughtered, by kind, together with the cost of fuel and rent of power and the cost of all other materials, and the kinds, quantities, and values of products, as reported at the censuses of 1909, 1904, and 1899, are shown in the following table:

MATERIAL OR PRODUCT.	1909	1904	1899
Materials used, total cost	\$53,127,376	\$27,243,795	\$21,604,479
Beeves slaughtered:			
Number.....	252,821	91,564	77,846
Cost.....	\$11,256,445	\$3,127,120	\$2,512,385
Calves slaughtered:			
Number.....	20,437	8,546	4,291
Cost.....	\$202,852	\$55,512	\$30,093
Sheep slaughtered:			
Number.....	49,577	13,071	13,686
Cost.....	\$223,759	\$50,249	\$60,106
Hogs slaughtered:			
Number.....	2,487,251	2,070,473	1,922,698
Cost.....	\$38,499,019	\$22,489,860	\$17,521,295
Fuel and rent of power.....	\$355,878	\$190,849	\$142,271
All other materials.....	\$2,589,423	\$1,330,205	\$1,338,329
Products, total value	\$59,045,232	\$30,152,170	\$25,762,844
Beef, fresh:			
Pounds.....	123,780,302	41,675,822	30,578,342
Value.....	\$8,854,488	\$2,844,547	\$2,125,028
Beef, salted or cured:			
Pounds.....	5,035,186	1,260,572	1,305,205
Value.....	\$441,075	\$87,654	\$84,838
Veal, fresh:			
Pounds.....	2,429,149	784,679	457,581
Value.....	\$228,921	\$62,868	\$39,972
Mutton, fresh:			
Pounds.....	1,848,011	532,745	1,159,736
Value.....	\$170,834	\$47,005	\$98,094
Pork, fresh:			
Pounds.....	100,113,209	41,260,001	31,774,211
Value.....	\$9,750,724	\$2,073,294	\$2,337,221
Pork, salted or cured:			
Pounds.....	219,106,133	215,425,256	206,036,098
Value.....	\$24,852,404	\$16,067,746	\$15,369,169
Sausage, fresh or cured.....	\$1,432,508	\$743,847	\$630,396
All other fresh meat:			
Pounds.....	3,820,807	13,599,742	6,800
Value.....	\$209,302	\$894,121	\$390
Lard:			
Pounds.....	71,084,771	65,322,473	70,441,792
Value.....	\$8,059,149	\$4,691,941	\$4,081,555
Tallow, oleo stock, and stearin:		(¹)	(¹)
Pounds.....	5,722,226		
Value.....	\$465,545		
Fertilizers and fertilizer materials:			
Tons.....	12,819	8,248	6,926
Value.....	\$294,072	\$168,664	\$84,279
Hides:			
Number.....	265,063	94,080	81,820
Pounds.....	14,727,015	6,562,413	4,278,686
Value.....	\$1,878,592	\$631,001	\$420,183
Pelts:			
Number.....	49,534	13,070	(¹)
Value.....	\$61,886	\$10,829	
Amount received for custom or contract work.....	\$3,148	\$500	\$1,325
All other products.....	\$2,345,084	\$928,653	\$490,394

¹ Figures not available.

The number of all animals slaughtered increased from 2,018,521 in 1899 to 2,183,654 in 1904 and 2,810,086 in 1909, representing a gain of 165,133, or 8.2 per cent, from 1899 to 1904, and a gain of 626,432, or 28.7 per cent, from 1904 to 1909. The table indicates that the total number and total cost of each of

the four classes of animals increased from 1904 to 1909, and, with the exception of sheep, this is true of the period from 1899 to 1904. Hogs represented 88.5 per cent of the total number and 76.7 per cent of the total cost of the animals slaughtered in 1909, and beeves only 9 per cent of the total number and 22.4 per cent of the total cost.

Each of the products in the above table shows an increase in quantity and value from 1904 to 1909, with the single exception of the products included in the total for all other fresh meat. From 1899 to 1904, however, the quantities of salted and cured beef and of lard, and the quantity and value of fresh mutton, and the amount received for contract work decreased. In 1909 all meats, both fresh and cured, were valued at \$45,938,256, which constituted 77.8 per cent of the total value of products for the industry. The value of this group of products was \$23,720,582 in 1904 and \$20,685,108 in 1899, representing 78.7 per cent and 80.3 per cent, respectively, of the totals for the industry at the two censuses. It is noteworthy that the output of lard from 1904 to 1909 increased 8.8 per cent, whereas its value increased 71.8 per cent.

Butter, cheese, and condensed milk.—The quantity of milk used in this industry decreased from 1,586,044,620 pounds in 1899 to 994,925,394 pounds in 1904 and 474,821,988 pounds in 1909, whereas the quantity of cream increased as regularly from 45,621,241 pounds in 1899 to 110,850,356 pounds in 1904 and 243,619,568 pounds in 1909. This condition is due to the radical change which has taken place in the industry during the last decade. Formerly whole milk was brought to the creamery, while at present the cream is usually separated before leaving the farm.

The quantity and value of products for 1909, 1904, and 1899 are presented in the following table:

PRODUCT.	1909	1904 ¹	1899
Total value	\$25,849,866	\$15,028,326	\$15,846,077
Butter:			
Packed solid—			
Pounds.....	75,581,191	65,995,782	74,795,240
Value.....	\$20,800,762	\$13,229,840	\$14,434,216
Prints or rolls—			
Pounds.....	13,000,996	5,185,984	2,423,024
Value.....	\$3,639,953	\$1,100,914	\$477,323
Cream sold:			
Pounds.....	1,169,943	1,741,469	735,000
Value.....	\$134,156	\$142,381	\$44,776
Cheese, full cream:			
Pounds.....	999,559	2,829,745	3,767,490
Value.....	\$148,876	\$282,078	\$369,622
All other products ²	\$1,126,119	\$278,113	\$520,140

¹ Does not include statistics for one condensed-milk establishment.
² Includes skimmed milk sold, casein, whey, and condensed milk.

No manufacture of condensed milk was reported in the state in 1899, and only one establishment was reported as engaged in this branch of the industry in

1904 and three in 1909. The combined output of the three factories in 1909 was important, but can not be presented separately in the above table without disclosing the operations of individual establishments, and the value therefore is included in the total for all other products.

The value of solid packed butter represented 80.5 per cent of the total value of products in 1909, 88 per cent in 1904, and 91.1 per cent in 1899. The quantity and value of cheese manufactured show a decrease from census to census, while cream showed a decrease in both respects from 1904 to 1909.

Flour-mill and gristmill products.—The following tabular statement gives the quantity and value of the principal kinds of products manufactured during the last three census years:

PRODUCT.	1909	1904	1899
Total value.....	\$13,870,603	\$12,099,493	\$11,012,608
Wheat flour:			
White—			
Barrels.....	1,493,263	1,089,716	2,273,924
Value.....	\$7,814,168	\$5,246,299	\$7,682,378
Graham—			
Barrels.....	30,001	27,972	(¹)
Value.....	\$144,807	\$125,317	(¹)
Corn meal and corn flour:			
Barrels.....	184,301	210,926	523,524
Value.....	\$582,328	\$453,045	\$755,132
Rye flour:			
Barrels.....	20,906	27,207	41,001
Value.....	\$95,019	\$110,796	\$114,430
Buckwheat flour:			
Pounds.....	2,870,980	3,537,309	5,075,883
Value.....	\$97,510	\$105,255	\$143,824
Hominy and grits:			
Pounds.....	16,416,130	2,399,265	1,640,000
Value.....	\$232,936	\$28,944	\$10,200
Feed:			
Tons.....	98,045	69,317	174,582
Value.....	\$2,593,029	\$1,416,725	\$1,571,214
Offal:			
Tons.....	40,014	30,547	60,728
Value.....	\$1,002,552	\$1,409,111	\$637,075
All other products.....	\$308,254	\$204,001	\$147,755

¹ Included in figures for white wheat flour.

The main part of the product of this industry was white wheat flour, the value of which constituted 60.7 per cent of the total value of products for the industry in 1909, as against 63.2 per cent in 1904 and 69.3 per cent in 1899. The quantity of this class of products has decreased constantly since 1899, whereas the value increased \$613,921 from 1899 to 1904, but decreased \$432,131 from 1904 to 1909. With the exception of Graham flour and feed, each of the different varieties of products decreased in quantity from 1904 to 1909, while the only decreases in value of products were shown for white flour, rye flour, buckwheat flour, and offal.

Printing and publishing.—The progress of the newspaper and periodical branch of the printing and publishing industry during the last decade is indicated in the next statement, which shows the number and aggregate circulation per issue of the different classes of publications for the years 1909, 1904, and 1899.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
Total.....	1,004	1,080	1,084	3,806,253	2,747,112	1,884,875
Daily.....	68	66	65	450,919	327,211	217,589
Sunday.....	14	13	39	169,678	133,746	(¹)
Semiweekly and tri-weekly.....	54	60	65	155,926	188,630	187,896
Weekly.....	784	804	331	1,419,709	1,167,294	1,105,666
Monthly.....	60	60	64	1,499,861	346,286	301,205
All other classes.....	18	17	20	118,160	83,975	72,519

¹ Included in circulation of dailies.

From 1899 to 1909 the aggregate circulation per issue for all publications combined more than doubled, while there was a decrease of 80 in the number of publications. With the exception of the weeklies and semiweeklies and triweeklies, each of the several classes of publications increased in number and in circulation between 1904 and 1909. In 1909, 15 of the 68 daily papers, with an aggregate circulation of 110,794, were morning editions. All the publications were in the English language, except 2 dailies, which were in German; 8 semiweeklies, 5 of which were in German, 1 in Norwegian, 1 in Dutch, and 1 in Bohemian; 42 weeklies, 1 of which was in Bohemian, 3 in Danish, 2 in Dutch, 30 in German, 1 in German and English, 3 in Norwegian, and 2 in Swedish; 6 monthlies, 1 of which was in Dutch, 3 in German, 1 in Norwegian, and 1 in Swedish; and 1 included under the head of "All other classes," which was in German.

Agricultural implements.—Although tenth among the industries shown separately for this state, when measured by value of products, this class of manufacture is of considerable interest, owing to the importance of the state in agriculture. The next table gives in detail, by groups, the value of products manufactured during 1909 and 1904 and the total value of products for 1899.

The products included in the total for "All other products" represent more than half of the total value, including thousands of small implements, such as hoes and rakes.

PRODUCT.	1909	1904	1899
Total value.....	\$4,757,089	\$2,692,312	\$1,505,667
Implements of cultivation.....	438,837	497,435	(¹)
Harvesting implements.....	1,157,701	868,104	(¹)
Seed separators.....	55,918	277,139	(¹)
All other products.....	2,785,870	1,027,025	(¹)
Amount received for repair work.....	318,763	22,459	20,455

¹ Not reported separately.

Laundries.—Statistics for steam laundries are not included in the general tables or in the totals for manufacturing industries. In 1909 there were 181 such establishments in Iowa, of which 15 were in Des Moines; 8 each in Cedar Rapids, Davenport, and Sioux City; 5 in Dubuque; 4 in Muscatine; 3 each in

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Burlington, Council Bluffs, Iowa City, Keokuk, and Waterloo; and 2 each in Boone, Clinton, Fort Dodge, Marshalltown, Mason City, and Ottumwa.

The following statement summarizes the statistics:

Number of establishments.....	181
Persons engaged in the industry.....	2,468
Proprietors and firm members.....	206
Salaried employees.....	139
Wage earners (average number).....	2,123
Primary horsepower.....	2,941
Capital.....	\$1,261,954
Expenses.....	1,617,551
Services.....	913,989
Materials.....	428,771
Miscellaneous.....	274,791
Amount received for work done.....	2,063,451

The most common form of organization was the individual, with 122 establishments. The firm and corporate forms of ownership were represented by 39 and 20 establishments, respectively. Seventy establishments had receipts for the year's business of less than \$5,000; 82, receipts of \$5,000 but less than \$20,000; and 29, receipts of \$20,000 but less than \$100,000.

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

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	2,030	90.3	July.....	2,195	97.6
February.....	2,024	90.0	August.....	2,242	99.7
March.....	2,031	90.3	September.....	2,248	100.0
April.....	2,053	91.3	October.....	2,180	97.0
May.....	2,074	92.3	November.....	2,130	94.8
June.....	2,130	94.8	December.....	2,139	95.2

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.....		2,941
Owned.....	162	2,668
Steam.....	143	2,557
Gas.....	19	111
Rented—Electric.....	58	273

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

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons.....	812
Bituminous coal.....	Tons.....	44,733
Coke.....	Tons.....	26
Wood.....	Cords.....	264
Oil.....	Barrels.....	710
Gas.....	1,000 feet.....	10,739

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.....	117	174
Persons engaged in the industry.....	284	260
Proprietors and firm members.....	148	216
Salaried employees.....	3	2
Wage earners (average number).....	133	42
Primary horsepower.....	2,232	6,043
Capital.....	\$150,765	\$546,774
Expenses.....	54,866	1,132,069
Services.....	41,349	18,214
Materials.....	2,999	1,094,869
Miscellaneous.....	10,518	18,986
Value of products.....	124,124	1,351,291

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.	Salaried employees.	Wage earners (average number).	Total.							
STATE—All industries.....	1909	5,528	78,360	5,323	11,402	61,635	155,384	\$171,219	\$10,972	\$32,542	\$170,707	\$259,238	\$68,531	
	1904	4,785	61,361	4,758	7,132	49,481	118,065	111,427	5,948	22,997	102,844	180,572	57,728	
	1899	4,828			5,159	44,420	108,664	85,667	4,233	18,021	85,779	132,871	47,082	
Agricultural implements.....	1909	42	1,620	20	273	1,318	2,554	5,000	360	683	2,171	4,757	2,586	
	1904	30	1,277	19	231	1,027	1,741	3,310	204	470	1,357	2,692	1,335	
	1899	24	814	16	154	644	1,030	1,878	123	243	670	1,500	839	
Artificial stone.....	1909	308	1,210	415	74	730	1,730	1,557	48	397	632	1,509	937	
	1904	27	128	42	16	70	132	170	10	34	45	120	75	
	1899													
Boots and shoes, including cut stock and findings.....	1909	10	770	2	52	716	345	700	54	318	1,059	1,033	574	
	1904	6	499	1	20	478	203	419	18	186	522	854	382	
	1899	7	613	7	40	566	233	507	30	192	507	786	279	
Boxes, cigar.....	1909	7	92	3	10	79	59	87	14	26	54	112	58	
	1904	10	127	10	3	114	127	85	2	34	64	140	82	
	1899	9	87	7	4	76		57	4	20	50	91	41	
Boxes, fancy and paper.....	1909	6	145	4	13	128	64	96	10	33	57	128	71	
	1904	7	111	4	11	96	73	66	9	20	28	75	47	
	1899	7	102	8		94		32		20	27	60	33	
Bread and other bakery products.....	1909	495	2,550	561	342	1,647	1,172	3,359	291	846	4,147	6,818	2,671	
	1904	365	1,077	421	105	1,061	433	1,532	135	500	2,003	3,611	1,548	
	1899	194	1,234	217	171	846		1,302	112	331	1,428	2,074	1,246	
Brick and tile.....	1909	285	3,054	272	224	3,158	20,782	7,327	300	1,073	1,204	4,483	3,279	
	1904	302	3,154	306	155	2,633	14,645	4,801	140	1,242	638	3,362	2,524	
	1899	339	2,621	441	94	1,986	8,587	3,076	65	709	400	1,976	1,516	
Butter, cheese, and condensed milk.....	1909	512	2,109	212	756	1,231	8,911	4,472	377	855	22,842	25,850	8,008	
	1904	655	2,323	361	802	1,100	9,944	2,919	137	687	12,896	15,028	2,132	
	1899	907	2,111	565	413	1,133	11,853	3,469	81	589	13,502	15,846	2,344	
Buttons.....	1909	70	3,370	82	122	3,172	2,809	2,507	130	1,412	1,414	4,035	2,621	
	1904	51	2,121	69	116	1,936	1,453	1,174	75	654	534	1,501	967	
	1899	53	1,505	61	42	1,402	608	324	26	458	107	807	670	
Canning and preserving.....	1909	71	1,420	27	146	1,247	2,989	3,503	134	299	1,568	2,549	981	
	1904	59	1,709	27	135	1,607	2,816	2,920	120	418	2,118	3,875	1,557	
	1899	30		01	01	1,021		1,497	75	254	1,181	2,121	940	
Carpets, rag.....	1909	32	215	34	23	158	220	105	24	78	44	206	162	
	1904	29	214	37	10	158	171	90	8	58	31	153	122	
	1899	5		1		33		18	1	10	3	21	18	
Carrriages and wagons and materials.....	1909	119	1,828	158	229	1,441	2,387	4,468	232	828	2,748	4,786	2,038	
	1904	113	1,032	137	107	1,298	1,915	3,392	194	602	1,084	3,371	1,687	
	1899	124		163		1,711		4,033	121	712	1,047	3,988	2,041	
Cars and general shop construction and repairs by steam-railroad companies.....	1909	33	7,460		491	6,600	5,037	5,488	483	4,535	5,149	10,269	5,120	
	1904	40	6,781		409	6,372	5,192	3,028	371	3,800	3,303	7,019	4,816	
	1899	58	5,775		278	5,407	3,080	3,278	250	2,049	2,390	6,221	3,325	
Cars and general shop construction and repairs by street-railroad companies.....	1909	13	202		10	183	1,273	328	14	112	90	231	135	
	1904	3	125		5	120		193	5	64	75	150	75	
	1899	3	91		0	85		63	8	51	37	97	60	
Clothing, men's, including shirts.....	1909	28	1,072	10	182	1,480	479	1,554	163	425	1,412	2,496	1,084	
	1904	18	1,375	11	188	1,176	240	1,325	118	335	1,142	1,920	778	
	1899	18	1,480	8	138	1,340	200	661	102	303	910	1,535	625	
Clothing, women's.....	1909	19	985	8	101	876	123	1,008	93	304	885	1,535	650	
	1904	9	471	3	41	427	78	513	31	131	432	702	330	
	1899	7	86	11	10	65	11	24	4	10	25	47	22	
Coffins, burial cases, and undertakers' goods.....	1909	8	296		54	242	49	946	73	132	388	753	365	
	1904	6	251		30	221	320	694	37	105	302	607	305	
	1899	5	205	3	27	175		314	27	73	226	399	173	
Confectionery.....	1909	40	1,302	36	234	1,032	640	1,272	230	360	1,703	2,014	1,211	
	1904	24	819	25	106	688	450	752	84	187	794	1,435	641	
	1899	18		95		481		405	88	119	619	1,043	424	
Cooperage and wooden goods, not elsewhere specified.....	1909	34	304	36	10	249	407	344	20	121	560	876	316	
	1904	35	490	38	24	428	778	520	19	168	690	1,014	324	
	1899	71	532	80	12	440		320	8	166	457	720	263	
Copper, tin, and sheet-iron products.....	1909	71	777	69	123	585	1,925	3,046	108	334	1,505	2,414	909	
	1904	33	721	38	48	635	271	5,701	93	285	1,529	2,287	758	
	1899	19		22		221		387	17	67	353	2,287	270	
Cutlery and tools, not elsewhere specified.....	1909	16	210	17	33	160	452	428	36	96	243	480	246	
	1904	13	168	15	28	125	221	216	20	68	153	367	214	
	1899	4	84	4	15	65		154	11	27	95	192	97	
Dairymen's, poulterers', and aparlars's supplies.....	1909	17	840	15	95	730	736	1,157	94	395	966	1,004	698	
	1904	9	163	5	28	130	285	1,188	22	66	104	282	178	
	1899													
Flour-mill and gristmill products.....	1909	277	1,186	354	185	647	18,832	6,123	176	352	10,934	12,871	1,937	
	1904	276	1,320	377	173	770	20,049	5,216	135	309	10,317	12,099	1,782	
	1899	309		172		942	21,247	4,947	136	424	8,969	11,013	2,044	

1 Not reported separately.

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

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

STATISTICS OF MANUFACTURES.

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

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

INDUSTRY.	Census.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	
		Number of establishments.	Total.	Proprietors and firm members.	Salaried employees.								Wage earners (average number).
STATE—Continued.													
Foundry and machine-shop products.....	1909	274	6,289	233	948	5,108	8,402	\$12,865	\$960	\$3,085	\$6,372	\$14,064	\$7,692
	1904	211	3,913	194	498	3,221	4,691	6,456	405	1,069	2,053	6,331	3,878
	1899	221			294	2,900		4,670	273	1,279	2,709	5,511	2,802
Fur goods.....	1909	11	116	8	35	73	91	162	29	38	105	287	182
	1904	8	80	7	14	59	60	114	11	23	98	184	86
	1899	4			2	24		21	1	8	23	56	33
Furniture and refrigerators.....	1909	44	1,257	32	151	1,074	2,453	2,232	172	606	1,336	2,650	1,314
	1904	35	1,034	23	153	858	1,695	1,343	132	370	803	1,677	874
	1899	26	966	11	105	850		1,022	85	292	747	1,420	673
Gas and electric fixtures and lamps and reflectors.	1909	7	84	1	27	56	61	180	21	26	95	170	75
	1904	3	16		3	12	25	27	2	4	7	20	13
	1899	4			10	15		20	5	4	12	27	15
Gas, illuminating and heating.....	1909	117	1,151	40	305	806	2,043	15,784	228	380	1,111	2,893	1,782
	1904	90	636	4	164	468	970	8,315	139	294	624	1,832	1,208
	1899	26	316		90	226	379	4,130	70	118	204	808	604
Gloves and mittens, leather.....	1909	10	305	11	60	234	236	661	71	94	373	693	320
	1904	8	320	10	47	203	295	479	41	101	368	698	340
	1899	9	234	17	43	174	275	277	31	57	125	284	159
Ice, manufactured.....	1909	18	190	9	30	151	2,045	626	28	101	64	290	226
	1904	4	25		6	20	784	187	5	12	16	51	35
	1899	3	46	3	10	33	450	165	3	15	11	38	27
Leather goods.....	1909	67	845	60	176	600	380	2,038	162	353	1,812	2,855	1,043
	1904	35	533	25	95	413	168	953	81	196	768	1,310	542
	1899	31			99	446		685	49	165	387	1,029	642
Liquors, malt.....	1909	19	636	4	137	495	3,934	5,603	222	322	901	3,325	2,424
	1904	19	530	7	96	427	2,815	3,085	151	270	681	2,386	1,695
	1899	21	397	18	58	321	2,262	2,421	84	190	385	1,714	1,329
Lumber and timber products.....	1909	229	5,403	243	502	4,658	16,564	12,809	526	2,356	7,141	12,659	5,518
	1904	139	5,248	140	398	4,810	17,381	13,523	457	2,297	6,739	12,153	5,414
	1899	190			347	5,692	16,474	10,761	368	2,194	9,836	14,635	5,099
Marble and stone work.....	1909	87	504	120	69	315	514	926	55	243	616	1,338	722
	1904	36	340	60	39	241	862	487	29	152	263	636	373
	1899	41			28	438		544	22	213	204	633	429
Mattresses and spring beds.....	1909	17	284	8	34	242	311	432	29	128	455	726	271
	1904	12	123	9	18	96	174	93	11	34	114	202	88
	1899	6			17	48		54	11	16	87	147	60
Paper and wood pulp.....	1909	4	225		20	205	1,435	673	25	81	281	437	156
	1904	4	165		13	152	1,005	363	12	66	131	253	122
	1899	4	193	2	11	180	1,210	182	12	64	107	244	137
Patent medicines and compounds and druggists' preparations.	1909	100	887	90	439	358	503	2,361	419	133	1,065	3,401	2,336
	1904	59	528	43	225	260	195	1,571	187	99	806	2,045	1,239
	1899	36			368	221		609	431	73	340	1,458	1,118
Pottery, terra-cotta, and fire-clay products.....	1909	10	322	5	31	289	1,147	792	36	173	180	464	284
	1904	7	94	9	7	78	280	137	8	41	29	78	49
	1899	17	264	17	13	234	764	361	18	93	57	249	192
Printing and publishing.....	1909	1,110	8,065	1,163	2,049	4,853	5,527	10,623	1,601	2,591	3,287	12,129	8,842
	1904	1,113	6,665	1,263	1,085	4,317	3,861	7,329	913	2,038	2,048	8,549	6,501
	1899	1,041	6,202	1,223	681	4,298		5,719	517	1,673	1,522	6,229	4,707
Shipbuilding, including boat building.....	1909	17	109	22	11	76	229	282	8	49	85	182	97
	1904	9	136	8	19	109	248	170	13	58	63	171	108
	1899	10	54	9	7	38	116	29	5	13	13	43	30
Slaughtering and meat packing.....	1909	33	4,849	33	672	4,144	8,309	12,362	654	2,190	53,127	59,045	5,918
	1904	25	3,409	21	284	3,104	4,273	7,326	299	1,332	27,244	30,132	2,908
	1899	31	3,118	25	193	2,900		6,370	197	1,215	21,604	25,763	4,159
Stoves and furnaces, including gas and oil stoves.	1909	4	432	11	69	352	484	899	76	222	362	890	528
	1904	11	185	17	34	134	112	276	26	72	126	310	184
	1899												
Tobacco manufactures.....	1909	372	2,523	423	157	1,943	55	1,821	174	856	1,386	3,423	2,037
	1904	444	2,734	506	166	2,072	50	1,599	127	847	1,280	3,359	2,079
	1899	1,408	2,440	453	126	1,856	9	1,264	117	701	949	2,576	1,627
Wall plaster.....	1909	6	577		38	539	1,480	837	55	181	193	739	546
	1904	7	343		25	318		1,401	20	163	121	627	506
	1899												
Woolen, worsted, and felt goods, and wool hats.	1909	8	148	5	9	134	922	519	11	54	228	350	122
	1904	10	268	5	17	246	1,101	713	16	89	365	573	208
	1899	12	293	11	26	258	485	494	17	65	175	297	122
All other industries.....	1909	491	8,837	449	1,633	6,755	22,873	30,571	1,949	3,626	28,351	42,490	14,139
	1904	407	6,219	400	746	5,073	13,383	15,636	804	2,237	16,476	23,845	7,369
	1899	458			683	4,447		10,142	627	1,786	12,023	17,875	5,852

1 Excluding statistics for two establishments, to avoid disclosure of individual operations.
 2 Excluding statistics for one establishment, to avoid disclosure of individual operations.
 3 Not reported separately.

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

CITIES OF 50,000 INHABITANTS OR MORE—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.	Salaries and employees.	Wage earners (average number).							
DES MOINES—All industries	1909	387	7,637	276	1,078	5,883	10,106	\$17,880	\$2,020	\$2,945	\$13,565	\$23,588	\$10,090
	1904	291	5,328	241	932	4,155		9,594	985	2,033	8,644	15,085	6,441
	1899	218			656	3,479		7,417	558	1,474	4,139	5,396	4,287
Expressed in thousands.													
Bread and other bakery products.....	1909	32	270	37	32	201	131	980	41	100	472	793	321
	1904	36	243	30	42	162		351	35	84	404	675	271
	1899	17	136	20	20	90		130	16	42	177	333	156
Brick and tile.....	1909	11	368	9	36	323	2,454	905	46	198	180	513	324
	1904	10	476	9	30	437		704	32	238	164	527	383
	1899	14	287	10	21	256		503	21	106	70	303	233
Carriages and wagons and materials.....	1909	6	144	4	24	116	206	368	28	75	281	513	232
	1904	5	148	4	21	123		200	18	60	213	343	135
	1899	6	151	2	20	129		208	19	58	147	289	142
Cars and general shop construction and repairs by steam-railroad companies.	1909	3	194		14	180	53	62	13	116	52	182	130
	1904												
	1899	3	104		5	99		71	5	51	50	196	56
Confectionery.....	1909	7	187	6	36	145	104	161	46	60	222	514	292
	1904	4	109	3	13	93		97	12	29	152	255	103
	1899												
Copper, tin and sheet-iron products.....	1909	10	68	7	10	51	43	108	12	40	32	173	91
	1904	5	44	4	5	35		26	4	17	54	104	50
	1899	3			3	25		22	2	9	27	89	32
Flour-mill and gristmill products.....	1909	6	63	6	15	42	271	177	21	23	653	757	104
	1904												
	1899	3			11	25		110	10	13	363	447	64
Foundry and machine-shop products.....	1909	25	515	21	159	335	798	1,453	193	218	828	1,613	785
	1904	16	254	14	35	205		448	37	121	185	466	271
	1899	10			49	253		454	44	135	336	645	309
Leather goods.....	1909	10	152	7	41	104	47	251	35	74	349	583	224
	1904	6	111	3	16	92		143	18	35	281	306	115
	1899	4			23	84		100	8	28	114	168	54
Lumber and timber products.....	1909	10	207	4	34	169	415	235	30	100	421	653	222
	1904	6	158	3	17	138		152	20	92	113	264	151
	1899	4	106	2	5	99		122	5	50	65	144	79
Patent medicines and compounds and druggists' preparations.	1909	24	392	8	188	196	211	913	200	65	326	1,023	792
	1904	16	246	8	86	152		940	88	61	386	1,069	680
	1899	7			80	110		421	64	33	143	680	537
Printing and publishing.....	1909	85	1,635	50	722	893	931	2,016	619	498	979	3,287	2,288
	1904	62	928	54	295	577		1,001	312	327	426	1,705	1,339
	1899	44	847	38	173	636		734	142	291	329	1,154	825
Tobacco manufactures.....	1909	14	140	21	12	107		83	13	40	73	178	106
	1904	14	150	12	9	129		57	11	64	61	190	129
	1899	14	176	14	16	146		115	13	67	53	190	132
All other industries.....	1909	144	3,302	96	655	2,551	4,442	10,168	723	1,323	8,038	12,818	4,180
	1904	105	2,463	88	393	2,012		5,406	398	955	6,205	9,039	2,334
	1899	83			215	1,527		4,418	299	591	2,260	3,848	1,488

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

² Figures can not be shown without disclosing individual operations.

³ 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.

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

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).							
Boone.....	1909	34	429	38	61	330	456	\$918	\$42	\$232	\$233	\$382	\$399
	1904	34	468	38	63	367	415	659	39	235	299	714	415
	1899	35	.....	.....	.....	485	.....	305	.....	217	314	629	315
Burlington.....	1909	128	4,790	90	510	4,190	5,346	7,003	454	1,723	4,645	8,443	3,788
	1904	109	3,335	97	323	2,915	.....	5,031	312	1,418	2,708	5,779	3,073
	1899	125	.....	.....	286	.....	.....	3,993	183	785	2,442	4,450	2,008
Cedar Rapids.....	1909	153	4,520	125	830	3,565	7,224	11,481	748	1,869	18,850	24,824	6,174
	1904	134	3,782	92	431	3,259	.....	8,697	409	1,465	12,280	16,280	4,000
	1899	89	.....	.....	295	2,374	.....	5,759	268	986	8,163	11,135	2,972
Clinton.....	1909	69	2,752	35	303	2,414	6,391	6,532	359	1,273	4,630	7,480	2,850
	1904	83	2,450	61	236	2,153	.....	4,331	257	1,044	2,646	4,906	2,260
	1899	81	.....	.....	185	2,502	.....	3,973	221	980	3,910	6,203	2,293
Council Bluffs.....	1909	101	1,825	90	301	1,434	1,756	2,893	248	845	1,967	3,769	1,812
	1904	71	1,167	63	103	1,001	.....	1,472	97	530	930	1,924	994
	1899	74	.....	.....	107	.....	.....	960	99	387	824	1,692	868
Davenport.....	1909	232	5,302	204	867	4,231	9,166	15,306	926	2,178	11,571	18,802	7,231
	1904	173	4,517	144	533	3,840	.....	13,064	547	1,756	8,839	13,636	4,857
	1899	163	.....	.....	424	3,403	.....	10,219	430	1,457	6,057	9,372	3,815
Dubuque.....	1909	156	6,063	148	747	5,168	9,623	12,259	744	2,606	9,109	15,376	6,267
	1904	156	5,043	123	646	4,274	.....	9,437	538	1,913	4,706	9,279	4,573
	1899	161	.....	.....	561	4,658	.....	7,507	445	1,675	5,358	9,651	4,293
Fort Dodge.....	1909	44	1,306	30	161	1,115	2,204	3,093	196	421	1,812	2,975	1,163
	1904	42	1,111	31	119	961	.....	3,701	121	477	1,702	3,028	1,324
	1899	30	.....	.....	79	390	.....	769	59	171	679	1,005	327
Iowa City.....	1909	44	465	60	123	282	814	746	96	143	240	805	465
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Keokuk.....	1909	91	1,872	86	245	1,541	3,219	4,334	334	776	4,684	7,399	2,715
	1904	80	1,777	76	168	1,533	.....	3,148	152	674	2,234	4,226	1,992
	1899	88	.....	.....	328	1,362	.....	1,956	427	480	1,591	3,048	1,457
Marshalltown.....	1909	49	1,590	40	185	1,365	1,975	2,558	197	806	3,179	4,822	1,643
	1904	44	1,084	42	154	888	.....	1,441	135	447	2,140	3,090	950
	1899	44	.....	.....	90	1,112	.....	5,636	99	520	2,796	3,957	1,161
Mason City.....	1909	49	966	25	134	807	3,729	2,156	198	470	1,796	2,881	1,085
	1904	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Muscatine.....	1909	113	3,862	122	244	3,456	4,560	6,774	244	1,575	2,738	6,166	3,428
	1904	107	3,061	131	167	2,763	.....	4,860	166	1,114	3,015	5,040	2,025
	1899	105	.....	.....	136	2,589	.....	3,567	129	950	3,515	5,220	1,705
Ottumwa.....	1909	93	3,058	94	314	2,650	4,332	5,809	314	1,319	12,166	14,838	2,672
	1904	62	2,589	62	223	2,304	.....	4,993	228	896	8,533	10,374	1,841
	1899	61	.....	.....	182	1,820	.....	3,233	168	699	6,900	8,683	1,783
Sioux City.....	1909	136	4,755	110	895	3,750	8,807	13,603	939	2,131	30,388	37,424	7,086
	1904	106	2,763	91	373	2,299	.....	5,839	333	1,263	11,396	14,761	3,365
	1899	123	.....	.....	276	2,463	.....	5,258	271	1,169	10,130	14,227	4,097
Waterloo.....	1909	108	3,744	77	543	3,124	4,247	7,581	533	1,793	4,642	8,999	4,357
	1904	90	2,009	52	283	1,674	.....	3,352	244	885	2,749	4,694	1,945
	1899	55	.....	.....	105	804	.....	1,152	77	379	1,343	2,088	745

! 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.		Wage earners.				Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number.		Male.		Female.	Male.	Female.			
								Maximum month.	Minimum month.								
All Industries.....	5,528	78,360	5,323	3,491	5,854	2,057	61,635	Se 68,006	Ja 55,649	(¹)	(¹)	(¹)	(¹)	(¹)	155,384		
1 Agricultural implements.....	42	1,620	29	93	123	57	1,918	Ap 1,509	Se 1,188	1,309	1,278	89	2	7	2,564		
2 Artificial stone.....	308	1,219	416	58	12	4	730	Se ² 1,020	Ja 241	1,113	1,106	2	2	7	1,730		
3 Automobiles, including bodies and parts.	11	282	6	10	13	5	248	Au 311	Fe 194	200	258	2	1	1	1,249		
4 Baking powders and yeast.....	4	6	0	0	0	0	1	Ja ² 1	Au ² 1	1	1	1	1	1	2		
5 Baskets, and rattan and willow ware.....	4	146	4	5	3	1	133	Ap 179	Se 24	136	106	30	1	1	2		
6 Blacking and cleansing and polishing preparations.	5	18	3	3	1	4	7	Au 11	Ja ² 5	7	2	5	1	1	2		
7 Boots and shoes, including cut stock and findings.	10	770	2	20	20	0	716	Jy 770	Se 656	725	383	317	19	6	346		
8 Boxes, cigar.....	7	92	3	8	1	1	79	No 82	Jy 72	81	29	49	2	1	69		
9 Boxes, fancy and paper.....	6	145	4	6	2	5	128	No 146	Je 109	143	19	105	2	17	64		
10 Bread and other bakery products.....	495	2,550	561	61	167	124	1,047	Jy ² 1,705	Ja 1,579	1,719	1,217	465	29	18	1,172		
11 Brick and tile.....	235	3,054	272	159	52	13	3,158	Je 4,093	Ja 1,594	3,707	3,078	29	6	20,782			
12 Brooms.....	51	393	61	16	12	7	240	Ja 252	My 231	233	176	89	12	6	127		
13 Butter, cheese, and condensed milk.....	512	2,199	212	379	295	82	1,231	Jy 1,453	Je 1,066	1,387	1,140	48	4	8,911			
14 Buttons.....	70	3,376	32	55	34	38	3,172	De 3,033	Au 2,967	3,609	2,611	1,062	16	70	2,509		
15 Canning and preserving.....	71	1,420	27	96	34	16	1,247	Se 5,642	Fe 217	6,863	3,105	2,159	157	162	2,989		
16 Carpets, rag.....	32	215	34	7	12	4	158	Je 185	Ja 114	148	123	25	1	220			
17 Carriages and wagons and materials.....	119	1,828	163	65	120	44	1,441	Ap 1,559	No 1,293	1,349	1,326	21	2	2,387			
18 Cars and general shop construction and repairs by steam-railroad companies.	33	7,460	149	331	11	11	6,099	De 7,686	My 6,491	7,686	7,682	3	1	5,937			
19 Cars and general shop construction and repairs by street-railroad companies.	13	202	12	7	7	183	De 202	Fe 162	202	202	202	1	1	1,273			
20 Clothing, men's, including shirts.....	28	1,072	10	54	111	17	1,480	De 1,584	Ja 1,440	1,586	155	1,394	6	31	479		
21 Clothing, women's.....	19	985	8	26	52	23	876	Au 937	No 812	915	173	737	3	2	123		
22 Coffins, burial cases, and undertakers' goods.	8	293	22	30	2	2	242	Mh 254	No ² 232	243	189	54	1	494			
23 Confectionery.....	40	1,302	36	40	105	29	1,032	De 1,315	Je 900	1,296	387	837	8	64	646		
24 Cooperage and wooden goods, not elsewhere specified.	84	304	36	9	2	3	249	Au 278	Ja 217	254	253	1	1	467			
25 Copper, tin, and sheet-iron products.....	71	777	60	40	63	20	585	No 672	Au 487	732	635	87	7	3	1,925		
26 Cutlery and tools, not elsewhere specified.	16	210	17	13	15	5	160	Ja 181	My 148	102	127	34	1	452			
27 Dairymen's, poulterers', and apiarists' supplies.	17	840	15	25	49	21	730	Mh 837	Jy 630	740	736	4	1	736			
28 Electrical machinery, apparatus, and supplies.	9	96	4	18	4	6	64	Ap 74	Ja 42	72	64	7	1	84			
29 Electroplating.....	4	10	4	0	0	0	0	Ja ² 0	Au ² 0	0	0	0	0	0	8		
30 Fancy articles, not elsewhere specified.....	5	47	4	4	3	3	33	De 52	Je 22	52	24	28	1	48			
31 Flour-mill and gristmill products.....	277	1,186	354	86	77	22	647	No 736	Je 577	733	717	13	3	18,832			
32 Foundry and machine-shop products.....	274	6,289	233	318	444	186	5,108	De 5,502	Ja 4,377	5,673	5,400	142	29	2	8,402		
33 Fur goods.....	11	110	8	11	10	14	73	Ja 88	Se 56	80	44	45	1	91			
34 Furnishing goods, men's.....	21	267	29	11	10	5	202	No 237	Ja 142	241	28	211	2	102			
35 Furniture and refrigerators.....	44	1,257	32	64	68	19	1,074	De 1,139	Jy 975	1,147	1,128	14	5	2,453			
36 Gas and electric fixtures and lamps and reflectors.	7	84	1	13	11	3	50	Jy ² 60	Mh 46	60	30	30	1	61			
37 Gas, illuminating and heating.....	117	1,151	40	111	156	38	806	Jy 970	Ja 652	709	706	1	1	2,048			
38 Gloves and mittens, leather.....	10	305	11	23	26	11	234	Jy ² 260	Ja 192	220	193	116	1	236			
39 Hand stamps and stencils and brands.....	6	11	7	4	4	4	4	Ja ² 4	Au ² 8	4	4	1	1	8			
40 Hosiery and knit goods.....	4	279	13	9	6	6	251	Jy 293	Oc 189	248	48	159	10	31	220		
41 Ice, manufactured.....	18	190	9	19	6	5	151	Au 237	Fe 75	121	119	2	1	2,645			
42 Jewelry.....	16	123	8	9	7	4	95	De 112	Ja 76	113	90	23	1	127			
43 Leather goods.....	67	845	69	37	114	25	600	De 677	Je 553	678	637	31	9	380			
44 Leather, tanned, curried, and finished.....	3	20	4	3	2	2	11	No ² 14	Au ² 8	10	13	3	1	43			
45 Lime.....	4	88	2	11	2	2	73	Je 101	Ja 26	62	62	1	1	75			
46 Liquors, malt.....	19	636	4	62	67	8	495	Au 572	De 450	468	424	29	5	3,934			
47 Lumber and timber products.....	229	5,403	243	156	253	93	4,668	Jy 5,117	Ja 3,503	4,749	4,639	21	87	16,564			
48 Marble and stone work.....	87	504	120	14	44	11	315	My 348	Ja ² 273	320	320	31	5	514			
49 Mattresses and spring beds.....	17	284	8	10	18	0	242	Oc 257	Ja 200	262	222	35	5	311			
50 Models and patterns, not including paper patterns.	11	27	13	14	14	14	14	Je 17	Ja 12	16	13	2	1	52			
51 Musical instruments and materials, not specified.	4	4	4	4	4	4	4	56	Mh 66	My 47	58	54	4	51			
52 Musical instruments, pianos and organs and materials.	4	68	3	4	5	5	56	Mh 66	My 47	58	54	4	4	51			
53 Optical goods.....	7	33	7	4	4	1	17	Ja ² 18	Jy ² 16	18	14	4	1	14			
54 Paint and varnish.....	4	51	3	10	8	3	17	Jy ² 19	Ap ² 17	19	19	1	1	170			
55 Paper and wood pulp.....	4	225	12	4	4	4	205	Mh 243	Jy 134	183	169	14	2	1,435			
56 Patent medicines and compounds and druggists' preparations.	100	857	90	64	269	110	358	No 381	Je 343	384	183	199	2	503			
57 Pottery, terra-cotta, and fire-clay products.	10	322	5	14	15	2	280	Au 337	Ja 216	257	255	2	2	1,147			
58 Printing and publishing.....	1,110	8,065	1,463	448	1,016	501	4,853	De 5,052	Jy 4,702	5,084	3,592	1,346	136	10	5,527		
59 Shipbuilding, including boat building.....	17	169	22	4	6	2	76	No 113	Fe 44	114	114	114	1	229			

¹No figures given for reasons explained in the Introduction.

STATISTICS OF MANUFACTURES.

THE STATE, BY INDUSTRIES: 1909.

	Capital.	EXPENSES.										Value of products.	Value added by manufacture.
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.		
1	\$171,218,604	\$233,363,623	\$5,065,568	\$5,906,082	\$32,541,981	\$5,244,142	\$165,462,906	\$305,212	\$1,577,755	\$968,827	\$15,791,200	\$259,237,637	\$88,530,689
2	5,066,300	3,836,487	190,241	169,601	682,694	44,735	2,126,381	3,985	16,705	39,676	562,469	4,757,089	2,585,973
3	1,556,547	1,142,108	41,583	6,153	396,772	28,133	603,425	6,147	4,949	1,375	53,571	1,599,296	937,738
4	678,060	540,028	15,976	13,124	145,329	5,708	319,984	4,677	475	-----	35,653	580,106	254,414
5	5,088	6,479	-----	-----	520	50	4,270	516	23	-----	1,100	9,215	4,895
6	78,714	88,203	3,900	1,795	40,370	618	25,062	480	136	-----	15,842	78,172	52,492
7	20,017	38,700	6,898	1,509	3,978	448	22,637	892	68	-----	2,276	51,136	28,051
8	790,293	1,509,946	26,366	27,419	318,158	9,419	1,049,694	3,515	1,404	-----	78,971	1,632,911	573,798
9	87,032	100,707	12,600	1,700	25,701	1,340	52,638	732	656	-----	5,340	112,242	58,234
10	95,811	112,636	7,474	2,168	33,402	1,554	55,774	2,285	745	-----	9,234	127,704	70,376
11	3,365,837	5,856,401	106,133	184,470	846,470	138,009	4,008,864	93,042	17,961	807	460,645	6,817,672	2,670,799
12	7,326,525	3,536,504	260,652	39,120	1,672,547	1,038,635	165,805	4,005	24,100	5,229	326,501	4,482,767	3,278,327
13	399,930	541,066	21,430	17,283	110,749	4,484	326,327	1,962	1,800	280	56,751	649,449	318,638
14	4,471,937	24,857,762	183,278	188,314	354,577	246,470	22,695,154	10,413	23,560	41,875	709,065	25,849,866	3,008,236
15	2,566,856	3,342,822	87,247	42,324	1,411,501	56,472	1,357,199	8,492	3,896	138,563	237,128	4,035,423	2,621,757
16	3,698,214	2,233,525	89,268	45,546	298,543	24,711	1,543,178	4,000	15,292	1,706	211,281	2,549,377	981,438
17	104,882	161,232	6,965	10,892	77,774	6,330	37,659	3,901	645	2,000	9,066	205,674	161,685
18	4,485,233	4,123,887	111,875	120,089	827,785	42,272	2,705,239	24,671	31,988	15,116	244,852	4,786,321	2,038,810
19	5,487,846	10,266,950	193,009	284,703	4,535,410	272,959	4,876,470	500	21,079	-----	77,220	10,268,938	5,119,509
20	323,493	231,038	9,114	4,666	112,158	2,073	94,027	-----	5,689	-----	3,311	231,040	134,940
21	1,553,521	2,180,556	66,439	86,377	424,733	18,168	1,394,129	13,717	13,442	2,000	156,551	2,495,529	1,033,232
22	1,097,691	1,423,955	33,508	54,887	303,979	9,809	874,965	9,196	2,700	24,330	105,581	1,535,382	650,608
23	946,531	671,510	33,631	35,880	131,688	3,217	379,687	5,454	4,533	-----	69,370	753,045	365,142
24	1,272,402	2,554,741	71,168	167,969	359,595	25,245	1,678,236	29,739	6,287	400	216,102	2,913,653	1,210,172
25	343,973	730,555	14,560	5,268	120,969	7,131	553,308	903	2,202	7,039	19,175	875,660	315,221
26	3,045,746	2,124,418	11,989	55,717	334,103	14,564	1,490,917	16,754	6,454	3,000	150,915	2,413,758	908,277
27	427,554	426,499	13,409	17,333	96,099	13,397	230,096	964	1,567	665	47,969	483,522	245,029
28	1,167,011	1,707,263	51,550	42,895	394,607	21,740	944,221	1,931	2,486	-----	247,833	1,964,068	998,107
29	225,561	163,855	18,538	5,301	31,181	2,376	72,122	3,040	733	-----	30,564	199,351	125,353
30	6,659	6,746	-----	-----	3,768	799	1,367	780	22	-----	20	9,206	7,040
31	30,038	35,114	3,750	2,438	14,846	1,532	9,984	900	19	521	1,124	42,208	30,692
32	6,122,716	11,920,922	105,875	70,038	381,623	145,996	10,787,782	14,424	33,223	723	381,233	12,870,603	1,936,825
33	12,864,545	11,781,733	490,563	409,847	3,034,669	255,915	6,115,661	31,508	45,125	36,501	1,251,939	14,064,382	7,692,806
34	162,165	195,955	17,000	11,527	38,207	2,624	102,117	6,675	1,056	335	16,414	236,700	131,959
35	270,533	374,803	9,810	10,434	58,747	3,423	267,080	1,830	826	1,294	15,359	405,718	135,215
36	2,232,456	2,367,312	88,975	82,826	606,393	28,637	1,307,391	12,165	11,699	45,472	183,704	2,650,221	1,314,143
37	160,305	160,174	13,486	7,159	25,633	2,203	93,031	2,217	773	-----	15,667	169,673	74,439
38	15,783,512	2,040,600	114,660	113,462	379,738	898,656	272,626	324	105,696	30	215,408	2,892,646	1,781,364
39	661,163	627,378	34,506	30,045	93,593	4,935	368,380	5,360	1,314	-----	82,775	693,062	319,747
40	7,938	6,269	-----	-----	2,230	71	3,042	660	26	-----	240	13,072	9,959
41	420,276	304,848	18,120	6,426	78,500	6,394	149,241	958	787	-----	44,422	325,500	169,865
42	626,197	218,802	20,025	5,605	101,335	44,172	19,773	1,300	4,673	-----	21,914	289,642	225,692
43	272,289	133,195	10,223	5,096	53,046	3,476	45,832	4,825	680	687	9,330	155,234	105,976
44	2,037,845	2,510,896	51,315	110,557	352,902	12,833	1,799,519	22,770	9,956	12	150,982	2,854,572	1,042,170
45	10,829	19,325	2,160	988	6,966	525	4,361	40	71	-----	4,214	28,277	23,391
46	164,141	89,028	12,440	2,000	36,062	18,554	13,340	30	567	-----	6,035	104,553	72,659
47	5,603,493	2,485,225	141,513	80,401	331,729	89,624	811,017	240	491,760	-----	638,941	3,324,962	2,424,321
48	12,809,449	11,329,459	279,199	246,384	2,855,524	44,660	7,095,869	15,669	61,049	294,458	936,647	12,659,259	5,518,730
49	925,806	1,050,875	18,080	36,513	242,922	14,193	602,205	6,904	6,500	1,513	121,845	1,337,630	721,282
50	432,059	667,143	15,387	13,798	127,801	6,936	443,243	9,488	2,767	635	42,038	725,913	270,684
51	17,930	21,543	-----	-----	11,929	683	5,098	934	155	-----	2,739	31,748	25,962
52	3,925	1,211	-----	-----	-----	35	590	361	11	-----	214	6,234	5,609
53	126,166	111,394	7,145	5,700	34,260	2,304	49,430	2,705	32	597	9,171	93,225	41,441
54	56,583	48,535	4,053	2,323	7,666	782	25,147	4,130	285	-----	4,139	69,304	43,375
55	118,825	138,716	20,779	16,649	12,500	2,391	82,694	510	857	-----	2,336	153,732	63,697
56	673,226	425,661	21,670	2,969	81,234	48,175	232,639	-----	1,798	1,600	35,567	437,338	156,574
57	2,361,407	2,687,738	112,487	306,768	133,310	12,139	1,052,642	20,632	29,991	1,975	1,017,694	3,400,575	2,335,744
58	792,426	434,832	19,815	10,122	173,377	127,830	51,940	-----	1,772	-----	43,967	464,265	284,486
59	10,623,049	9,452,768	637,913	963,384	2,591,448	180,299	3,106,793	211,762	52,422	273,435	1,435,297	12,128,657	8,841,560
60	282,302	168,206	3,180	4,680	48,804	2,313	82,558	800	433	8,550	6,493	128,036	96,665

* Same number reported throughout the year.

* Same number reported for one or more other months.

TABLE II.—DETAIL STATEMENT FOR THE

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.								WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.				
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners.			Total.	16 and over.		Under 16.					
					Male.	Female.	Average number.	Number.			Male.	Female.	Male.		Female.			
								Maximum month.	Minimum month.									
1 Signs and advertising novelties	5	37	4	3	2	2	26	Se 28	Ja ¹ 25	26	24	2						
2 Slaughtering and meat packing	33	4,849	33	130	498	44	4,144	Ja 5,125	Oc 3,763	4,247	3,936	185	126					2
3 Stereotyping and electrotyping	3	37		3	7	2	25	Jy ¹ 27	Fe ¹ 21	20	20							48
4 Stoves and furnaces, including gas and oil stoves.	14	432	11	25	30	14	352	Oc 452	Ja 282	408	404		4					48
5 Surgical appliances and artificial limbs..	3	11	5	2	1	1	2	Je ¹ 2	De ¹ 1	2	2							484
6 Tobacco manufactures	372	2,523	423	51	92	14	1,943	No 2,011	Fe 1,886	2,043	1,152	809	46	36				5
7 Wall plaster	6	577		12	22	4	539	Oc 592	Ja 490	540	540							55
8 Woolen, worsted, and felt goods, and wool hats.	8	148	5	3	4	2	184	No 159	Mh 109	156	96	59		1				1,480
9 All other industries *	803	6,850	269	269	837	246	5,229											922
																		20,432

¹ Same number reported for one or more other months.

* All other industries embrace—

Awnings, tents, and sails	10	Cordage and twine and jute and linen goods.....	1	Glass, cutting, staining, and ornamenting.....	3
Bags, paper	1	Dentists' materials	1	Glucose and starch	5
Beet sugar	1	Dyeing and finishing textiles	1	Glue	1
Bicycles, motorcycles, and parts	1	Engraving, wood	1	Gold and silver, reducing and refining, not from the ore	1
Brass and bronze products	3	Explosives	1	Grease and tallow	1
Brushes	8	Fertilizers	1	Hair work	9
Butter, reworking	4	Flags, banners, regalia, society badges, and emblems	2	Hats, fur-felt	1
Cars, steam-railroad, not including operations of railroad companies	2	Flavoring extracts	6	Horseshoes, not made in steel works or rolling mills	1
Cement	1	Food preparations	24	House-furnishing goods, not elsewhere specified	3
China decorating	2	Foundry supplies	1	Instruments, professional and scientific	1
Coffee and spice, roasting and grinding	11	Furs, dressed	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	\$19,650	\$39,866	\$4,030	\$1,135	\$18,690	\$133	\$12,900	\$1,785	\$78		\$1,115	\$46,035	\$33,002
2	12,361,560	57,528,943	233,927	420,019	2,190,101	355,878	52,771,498	29,765	43,304		1,484,451	59,045,232	5,917,856
3	49,839	66,244	4,704	4,306	26,526	3,072	18,639	2,220	117		6,660	64,021	42,310
4	898,817	825,736	35,071	41,180	222,097	12,681	349,784	8,500	1,793		154,630	890,329	527,864
5	5,970	8,883	2,460	1,380	647	140	1,670	1,027	12		1,547	12,900	11,090
6	1,820,553	3,013,014	66,403	107,227	856,349	13,224	1,372,839	48,288	330,672	\$3,872	214,140	3,423,488	2,037,425
7	837,175	510,256	24,845	30,073	181,276	76,565	116,278	16,000	2,508		62,711	738,815	545,972
8	518,751	308,495	6,020	5,031	53,869	11,406	216,462		3,015		12,692	349,569	121,701
9	27,587,293	34,746,133	666,129	1,018,084	2,930,252	822,156	26,007,907	55,763	117,241	12,556	3,116,045	39,363,029	12,532,966

* All other industries embrace—Continued.

Iron and steel forgings.....	1	Photographic apparatus and materials.....	1	Steam packing.....	1
Locomotives, not made by railroad companies....	1	Photo-engraving.....	1	Toys and games.....	2
Malt.....	1	Pipes, tobacco.....	1	Umbrellas and canes.....	1
Millinery and lace goods.....	1	Pumps, not including steam pumps.....	3	Upholstering materials.....	7
Mineral and soda waters.....	99	Roofing materials.....	1	Vinegar and cider.....	6
Mirrors.....	1	Safes and vaults.....	2	Washing machines and clothes wringers.....	11
Mucilage and paste.....	3	Scales and balances.....	2	Windmills.....	2
Oil, linseed.....	2	Soap.....	9	Window shades and fixtures.....	1
Oil, not elsewhere specified.....	1	Sporting and athletic goods.....	1	Wirework, including wire rope and cable.....	13
Paper goods, not elsewhere specified.....	1	Stationery goods, not elsewhere specified.....	3	Wood carpet.....	1
Pencils, lead.....	1	Statuary and art goods.....	3	Wood, turned and carved.....	7
Pens, fountain, stylographic, and gold.....	1				

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

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.	10 and over.		Under 10.			
					Male.	Female.	Total.	Male.	Female.		Under 10.	Male.	Female.	Male.	Female.	
1 All Industries.....	387	7,637	276	484	1,081	413	5,383	4,208	1,007	108	5,687	4,441	1,134	65	45	10,106
2 Bread and other bakery products.....	32	270	37	11	15	6	201	142	57	2	198	140	56	1	1	131
3 Brick and tile.....	11	368	0	23	12	1	323	323	.....	.....	341	341	.....	.....	.....	2,454
4 Carriages and wagons and materials.....	6	144	4	4	10	4	116	111	5	.....	94	90	4	.....	.....	206
5 Cars and general shop construction and repairs by steam-railroad companies.....	3	194	.....	3	11	.....	180	180	.....	.....	214	214	.....	.....	.....	53
6 Confectionery.....	7	137	6	5	23	3	145	28	117	.....	182	35	147	.....	.....	104
7 Copper, tin, and sheet-iron products.....	10	68	7	0	2	2	51	51	.....	.....	52	52	.....	.....	.....	43
8 Flour-mill and gristmill products.....	6	63	6	5	9	1	42	38	4	.....	52	47	5	.....	.....	271
9 Foundry and machine-shop products.....	25	515	21	35	111	13	335	332	3	.....	384	381	3	.....	.....	788
10 Leather goods.....	10	152	7	7	29	5	104	95	8	1	122	112	9	1	.....	47
11 Lumber and timber products.....	10	207	4	10	19	5	169	100	.....	.....	180	180	.....	.....	.....	415
12 Patent medicines and compounds and druggists' preparations.....	24	392	8	26	105	57	166	78	118	.....	208	83	125	.....	.....	211
13 Printing and publishing.....	85	1,635	50	131	359	232	803	704	142	17	904	738	148	17	1	931
14 Tobacco manufactures.....	14	140	21	7	5	.....	107	82	21	4	114	87	23	4	.....	.....
15 All other industries.....	144	3,302	96	211	360	84	2,551	1,875	592	84	2,642	1,941	614	44	43	4,442

¹ All other industries embrace: Agricultural implements, 1; artificial stone, 4; automobiles, including bodies and parts, 4; awnings, tents, and sails, 2; baking powder and yeast, 1; bicycles, motorcycles, and parts, 1; blacking and cleansing and polishing preparations, 1; boots and shoes, including cut stock and findings, 1; boxes, cigar, 1; boxes, faney and paper, 1; brass and bronze products, 1; brooms, 2; butter, cheese, and condensed milk, 3; canning and preserving, 2; carpets, rag, 4; cars and general shop construction and repairs by street-railroad companies, 1; clothing, men's, including shirts, 2; clothing, women's, 4; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 2; cooperage and wooden goods, not elsewhere specified, 2; dairymen's, poultryers', and apiarists' supplies, 2; electrical machinery, apparatus, and supplies, 2; electroplating, 2; engraving, wood, 1; fertilizers, 1; flavoring extracts, 1; food preparations, 2; fur goods, 3; furnishing goods, men's, 2; furniture and refrigerators, 4; gas and electric fixtures and lamps and reflectors, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens,

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

1 BOONE.....	34	429	38	14	32	15	330	300	28	2	405	368	34	3	.....	456
2 BURLINGTON.....	123	4,790	90	130	301	70	4,190	3,400	641	59	3,215	2,680	401	17	27	5,346
3 CEDAR RAPIDS.....	153	4,520	125	175	509	146	3,565	2,795	674	98	3,732	2,926	706	86	14	7,224
4 CANTON.....	69	2,752	35	101	160	42	2,414	2,156	217	41	2,679	2,302	242	24	21	6,391
5 COUNCIL BLUFFS.....	101	1,825	90	94	194	43	1,434	1,207	222	5	1,580	1,331	245	2	2	1,756
6 DAVENPORT.....	232	5,302	204	207	478	182	4,231	3,203	656	72	4,534	3,430	1,025	45	34	9,166
7 DUBUQUE.....	150	6,063	148	194	414	139	5,168	4,124	640	68	5,103	4,071	934	51	47	9,623
8 FORT DODGE.....	44	1,300	30	43	85	33	1,115	834	252	29	1,188	889	298	9	22	2,204
9 IOWA CITY.....	44	465	60	21	79	23	282	206	70	.....	270	204	75	.....	.....	314
10 KEOKUK.....	91	1,872	80	67	121	57	1,541	1,181	334	26	1,600	1,231	348	14	13	3,219
11 MARSHALLTOWN.....	40	1,590	40	75	78	32	1,305	1,207	132	26	1,383	1,223	134	21	5	1,975
12 MASON CITY.....	40	986	25	63	47	24	807	700	41	.....	865	821	44	.....	.....	3,729
13 MUSCATINE.....	113	3,862	122	86	90	68	3,496	2,618	759	119	4,031	3,019	875	62	75	4,560
14 OTTUMWA.....	93	3,038	94	60	205	43	2,650	2,025	546	79	2,702	2,066	555	67	14	4,332
15 SIOUX CITY.....	136	4,765	110	226	547	122	3,750	3,293	412	45	3,803	3,340	410	24	23	8,807
16 WATERLOO.....	108	3,744	77	153	248	142	3,124	2,712	400	3	3,638	3,157	470	5	4,247

STATISTICS OF MANUFACTURES.

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

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

DES MOINES.

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 \$17,879,619	\$21,223,939	\$803,092	\$1,216,500	\$2,944,946	\$500,477	\$13,064,121	\$165,848	\$151,795	\$156,987	\$2,220,173	\$23,584,687	\$10,020,069
2 980,132	683,378	24,715	16,467	105,892	16,839	455,008	11,535	2,809	-----	50,613	793,229	321,382
3 905,243	489,703	35,340	10,840	197,845	141,656	47,120	-----	4,385	-----	52,517	512,876	324,100
4 367,543	435,434	8,960	18,888	74,599	2,701	277,957	2,330	2,727	-----	47,272	512,748	232,090
5 62,241	181,865	3,065	9,663	116,211	4,879	47,198	500	106	-----	243	181,865	129,788
6 161,250	394,001	6,150	39,884	60,138	3,435	218,372	12,372	1,154	-----	52,496	514,389	292,582
7 107,951	142,951	9,400	2,420	39,872	892	81,087	2,500	399	-----	6,381	172,716	90,737
8 177,359	740,564	9,600	11,004	23,174	10,346	642,755	930	1,229	-----	41,626	757,017	103,916
9 1,463,184	1,476,880	81,191	111,510	218,008	21,042	806,462	6,646	5,826	25,089	200,106	1,612,902	785,398
10 250,690	500,116	10,906	24,004	73,513	1,581	347,805	8,228	1,853	-----	32,226	582,911	233,525
11 235,033	594,289	15,215	14,307	99,921	4,599	416,899	8,328	1,670	390	32,960	663,100	231,602
12 912,892	929,839	57,590	141,968	65,164	4,255	321,304	7,579	3,798	800	327,381	1,027,547	701,988
13 2,015,659	2,900,463	216,790	402,144	497,648	22,558	956,599	40,154	10,426	103,509	550,635	3,267,269	2,288,112
14 83,200	163,078	8,960	3,980	48,667	667	72,421	5,421	14,135	-----	8,927	178,407	105,319
15 10,167,242	11,691,878	315,210	409,421	1,324,394	265,027	8,373,134	59,325	101,278	27,199	816,890	12,817,691	4,179,530

leather, 3; glue, 1; gold and silver, reducing and refining, not from the ore, 1; grease and tallow, 1; hair work, 1; hand stamps and stencils and brands, 1; hats, fur-felt, 1; hosiery and knit goods, 2; ice, manufactured, 3; jewelry, 7; leather, tanned, curried, and finished, 3; liquors, malt, 1; marble and stone work, 3; mattresses and spring beds, 1; millinery and lace goods, 1; mineral and soda waters, 5; mirrors, 1; models and patterns, not including paper patterns, 4; mucilage and paste, 3; musical instruments, pianos and organs and materials, 2; oil, linseed, 1; oil, not elsewhere specified, 1; optical goods, 1; paint and varnish, 1; pottery, terra-cotta, and fire-clay products, 1; safes and vaults, 2; scales and balances, 1; signs and advertising novelties, 4; slaughtering and meat packing, 4; soap, 2; steam packing, 1; stereotyping and electrotyping, 3; stoves and furnaces, including gas and oil stoves, 5; surgical appliances and artificial limbs, 1; toys and games, 1; windmills, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 1; woolen, worsted, and felt goods, and wool hats, 1.

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

1 \$918,237	\$609,406	\$15,564	\$26,334	\$232,131	\$33,888	\$248,781	\$4,644	\$3,975	\$500	\$43,589	\$682,424	\$399,755
2 7,093,126	7,448,647	178,491	275,491	1,722,987	99,483	4,545,273	31,268	85,338	103,290	407,046	8,443,296	3,798,540
3 11,480,763	23,269,659	307,904	440,136	1,869,318	305,094	18,345,152	45,790	71,793	93,371	1,791,101	24,824,276	6,174,030
4 6,532,317	6,631,652	174,621	184,884	1,273,409	205,554	4,424,841	11,556	45,852	548	610,487	7,479,515	2,849,120
5 2,893,431	3,320,429	103,282	145,031	845,158	120,199	1,836,948	17,276	19,458	9,918	232,179	3,768,508	1,811,361
6 15,306,410	16,473,143	378,806	547,671	2,178,364	309,166	11,261,603	69,087	259,619	8,749	1,460,078	18,801,842	7,231,073
7 12,268,639	14,037,254	310,026	433,193	2,606,321	220,084	8,889,369	47,227	264,149	183,966	1,082,319	15,376,328	6,286,875
8 3,092,670	2,675,118	76,243	120,068	421,268	106,174	1,705,607	7,155	13,292	-----	225,311	2,975,459	1,163,678
9 745,716	695,167	28,099	67,449	143,307	18,675	321,569	7,505	26,079	4,260	77,624	805,046	464,802
10 4,333,658	6,663,276	209,009	124,643	775,743	94,090	4,590,106	16,581	65,362	4,197	788,545	7,398,733	2,714,537
11 2,557,780	4,484,602	106,024	91,419	805,791	72,525	3,106,521	8,159	9,495	2,141	282,527	4,821,805	1,642,759
12 2,155,968	2,627,220	157,000	41,345	469,914	213,564	1,582,231	8,537	7,873	15,977	130,779	2,880,732	1,084,937
13 6,774,059	5,110,884	149,703	94,299	1,574,913	77,859	2,660,179	16,866	23,993	139,474	373,608	6,165,866	3,427,828
14 5,808,579	14,216,451	116,138	197,391	1,319,054	121,277	12,044,708	44,902	78,289	1,289	293,403	14,838,315	2,672,330
15 13,603,071	35,194,084	387,928	560,750	2,130,811	418,297	29,969,922	58,687	160,007	12,769	1,504,913	37,424,450	7,036,231
16 7,580,753	7,926,393	292,425	240,774	1,793,369	176,559	4,465,882	20,031	27,555	40,586	869,212	8,999,420	4,356,979

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 Iowa 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 IOWA.

Summary.—Statistics for all mining enterprises in the state of Iowa 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 nonproducing enterprises are also given separately from producing enterprises.

The total value of the products of the producing mining industries in Iowa in 1909 amounted to \$13,877,781, and the total number of persons employed was 19,904. Of these totals the coal mining industry reported \$12,682,106, or 91.4 per cent of the value of the products, and employed 18,332, or 92.1 per cent of the employees. Gypsum mining and limestone quarrying, the industries next in importance, reported products valued, respectively, at \$669,731 and \$499,665.

In the bituminous coal industry as a whole the expenses of operation and development exceeded the value of the products, a result which indicates either that certain enterprises were operated at a loss, or that a considerable sum was expended for development work which added to the permanent value of 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 373 operators, 118, or 31.6 per cent, were corporations. These corporations reported 88.6 per cent of the total value of products and employed 85.6 per cent of all wage earners.

INDUSTRY AND CHARACTER OF ORGANIZATION.	Number of		Value of products.		Per cent distribution.		
	operators.	wage earners.	Total.	Per operator.	Operators.	Wage earners.	Value of products.
All industries	373	19,010	\$13,877,781	\$37,206	100.0	100.0	100.0
Individual.....	152	1,258	706,085	5,040	40.8	6.6	5.5
Firm.....	100	1,377	784,113	7,841	20.8	7.2	5.7
Corporation.....	118	10,276	12,204,411	104,190	31.0	85.6	88.6
Other.....	3	99	33,172	11,057	0.8	0.5	0.2
Bituminous coal	258	17,623	\$12,682,106	\$49,155	100.0	100.0	100.0
Individual.....	81	1,053	627,238	7,744	31.4	5.7	4.9
Firm.....	70	1,206	639,492	8,095	30.6	6.8	5.0
Corporation.....	98	15,414	11,415,370	110,483	38.0	87.5	90.0

	Incorporated.	Unincorporated.
Number of operators.....	118	255
Number of mines and quarries.....	167	264
Proprietors and firm members, total.....		423
Number performing manual labor.....		285
Salaried employees:		
Officers of corporations.....	85	
Superintendents and managers.....	137	23
Clerks and other salaried employees.....	207	10
Wage earners, Dec. 15, 1909, or nearest representative day.....	16,276	2,734
Capital.....	\$7,303,613	\$1,177,870
Expenses of operation and development.....	12,465,530	1,220,184
Salaries:		
Officers of corporations.....	132,043	
Superintendents and managers.....	165,767	22,241
Clerks and other salaried employees.....	208,492	11,532
Wages.....	9,884,071	988,375
Royalties and rent of mines.....	208,307	51,133
Taxes.....	38,886	4,888
Supplies and miscellaneous expenses.....	1,737,064	153,215
Value of products.....	12,204,411	1,583,370

Size of enterprises.—In Table 3 the producing mining enterprises of the state are classified according to the number of wage earners employed per enterprise or operating unit. Of the 387 enterprises reported, 124 employed less than 5 wage earners each and 2 were operated exclusively by contract work. Nearly one-fourth of all the wage earners in the mining industry were employed in the 6 bituminous coal enterprises employing over 500 wage earners each.

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	PRODUCING ENTERPRISES: 1909			
	Enterprises.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
All industries	387	100.0	19,010	100.0
No wage earners.....	24	6.2		
Contract work.....	2	0.5		
1 to 5.....	100	25.8	284	1.5
6 to 20.....	131	33.9	1,428	7.5
21 to 50.....	47	12.1	1,482	7.8
51 to 100.....	39	7.8	2,126	11.2
101 to 500.....	47	12.1	9,381	49.3
Over 500.....	6	1.6	4,309	22.7
Bituminous coal	272	100.0	17,623	100.0
No wage earners.....	3	1.1		
1 to 5.....	52	19.1	170	1.0
6 to 20.....	101	37.1	1,085	6.2
21 to 50.....	38	14.0	1,211	6.9
51 to 100.....	27	9.9	1,917	10.9
101 to 500.....	45	16.5	8,928	50.7
Over 500.....	6	2.2	4,309	24.5

Prevailing hours of labor.—In Table 4 all producing mines and quarries, except those employing no wage earners and those operating 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 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. In the bituminous coal mining enterprises, which employed 92.7 per cent of the wage earners in all enterprises, the 8-hour day prevailed in practically all mines.

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.....	1 358	100.0	100.0
8 hours and under.....	269	75.1	92.5
9 hours.....	18	5.0	0.6
10 hours.....	71	19.8	0.9
Bituminous coal.....	288	100.0	100.0
8 hours.....	253	96.3	99.6
9 hours.....	7	2.6	0.3
10 hours.....	3	1.1	0.1

¹ Exclusive of 3 bituminous coal mines for which number of hours was not reported.

Engines and power.—As shown by Table 5 the total primary horsepower employed in producing enterprises was 23,453, of which 23,160 horsepower was developed by engines and water wheels owned by the enterprise using them and 293 by electric motors operated by purchased current.

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909				
	Total.	Bituminous coal.	Gypsum.	Limestone.	All other.
Primary power:					
Aggregate horsepower.....	23,453	19,118	1,365	2,906	64
Owned.....	23,160	19,075	1,365	2,666	64
Steam engines—					
Number.....	447	354	6	85	2
Horsepower.....	22,715	18,746	1,365	2,540	64
Gas or gasoline engines—					
Number.....	83	76		7	
Horsepower.....	375	329		46	
Water wheels—					
Number.....	1			1	
Horsepower.....	70			70	

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909				
	Total.	Bituminous coal.	Gypsum.	Limestone.	All other.
Primary power—Continued.					
Electric motors operated by purchased current—					
Number.....	10	2		8	
Horsepower.....	293	43		250	
Electric motors run by current generated by enterprise using:					
Number.....	38	32	6		
Horsepower.....	1,420	1,375	45		

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 enterprises operated by governmental institutions; to omit from the 1909 figures, as they appear in other tables in this chapter, the value of by-products of coal mines; and to add to the 1909 statistics figures for the production of lime, which were omitted from the census of mines and quarries in 1909. Such items as are comparable for the two years are presented in Table 6.

The principal increase in the value of products was in the bituminous coal industry, which reported products in 1902 and 1909 valued, respectively, at \$8,660,287 and \$12,682,106. This represents an increase of \$4,021,819, or 46.4 per cent.

	PRODUCING ENTERPRISES.		
	1909	1902	Per cent of increase. ¹
Wages and salaries.....	\$11,461,923	\$7,279,272	57.5
Supplies and materials.....	\$1,561,553	\$961,414	62.4
Royalties and rent of mines.....	\$349,470	\$220,698	58.3
Contract work.....	\$40,791	\$48,106	—15.2
Value of products.....	\$13,979,453	\$9,659,330	44.7
Primary horsepower.....	23,528	14,673	60.3

¹ A minus sign (—) denotes decrease.
² Exclusive of amount paid to miners compensated by a share of the product, which is included under "Contract work" in Table 7.

Duplication between manufactures and mining.—In the gypsum industry some of the mining operators subjected the mineral product 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 manufacturing and mining industries in Iowa involves a duplication of \$669,734.

DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 7	Aggregate.	PRODUCING MINES AND QUARRIES.							Nonproducing mines and quarries.
		Total.	Bituminous coal.	Gypsum.	Limestone.	Sandstone.	Lead and zinc.	All other. ¹	
Number of operators.....	388	373	258	5	80	11	5	5	15
Number of mines and quarries.....	446	431	311	6	92	12	5	5	15
Capital.....	\$8,700,791	\$8,481,483	\$6,806,418	\$766,512	\$761,203	\$14,350	\$10,200	\$116,800	\$279,398
Expenses of operation and development.....	\$13,750,697	\$13,694,714	\$12,816,076	\$487,631	\$372,337	\$1,631	\$5,003	\$12,036	\$55,983
Services:									
Salaried officers of corporations, superintendents and managers.....	\$323,843	\$320,951	\$280,146	\$22,220	\$18,510			\$75	\$2,862
Clerks and other salaried employees.....	\$222,124	\$220,024	\$188,023	\$28,708	\$3,403				\$2,106
Wage earners.....	\$10,898,180	\$10,870,446	\$10,383,072	\$222,483	\$262,563	\$1,109	\$2,840	\$7,779	\$27,740
Miscellaneous:									
Supplies.....	\$1,313,846	\$1,307,019	\$1,205,222	\$62,097	\$39,589	\$116	\$253	\$642	\$5,927
Fuel and rent of power.....	\$225,912	\$221,740	\$125,214	\$75,078	\$20,907		\$50	\$431	\$4,172
Royalties and rent of mines.....	\$349,840	\$349,440	\$322,073	\$10,000	\$8,004	\$38	\$1,810	\$315	\$406
Taxes.....	\$43,855	\$43,574	\$38,484	\$2,044	\$2,079	\$73		\$294	\$281
Contract work.....	\$42,470	\$40,830	\$38,266		\$45		\$50	\$2,475	\$1,624
Rent of offices and other sundry expenses.....	\$330,621	\$319,784	\$234,370	\$59,111	\$25,977	\$295		\$25	\$10,337
Value of products.....	\$13,877,781	\$13,877,781	\$12,682,106	\$669,781	\$499,065	\$2,958	\$6,779	\$16,542	
Persons engaged in industry.....	20,021	19,904	18,332	599	894	31	14	34	117
Proprietors and officials.....	700	698	514	10	125	11	5	3	32
Proprietors and firm members.....	451	423	298		107	11	5	2	28
Number performing manual labor.....	298	285	225		46	9	5		13
Salaried officers of corporations.....	85	85	79	2	4				
Superintendents and managers.....	164	160	137	8	14			1	4
Clerks and other salaried employees.....	229	226	195	23	8				3
Wage earners, Dec. 15, 1909, or nearest representative day.....	16,082	16,016	17,023	560	761	20	9	31	82
Above ground.....	3,169	3,103	3,783	505	761	20	3	31	66
Below ground.....	12,913	12,913	13,240	61			6		16
Men 16 years of age and over.....	18,967	18,885	17,409	506	700	20	9	31	82
Engineers, firemen, mechanics, etc.....	824	804	752	2	46			4	20
Above ground.....	672	652	600	2	46			4	20
Below ground.....	152	152	152						
Miners, miners' helpers, and quarrymen.....	13,705	13,704	13,073	62	589	19	9	12	31
Above ground.....	646	624	1	1	589	19	3	12	22
Below ground.....	13,149	13,140	13,073	61			6		9
All other employees.....	4,348	4,317	3,074	502	125	1		15	31
Above ground.....	1,845	1,821	1,478	502	125	1		15	24
Below ground.....	2,503	2,496	2,490						7
Boys under 16 years of age.....	125	125	124		1				
Number of wage earners employed on the 15th day of each month:									
January.....	17,334	17,272	16,552	530	177		7		62
February.....	17,325	17,240	16,518	545	167	10	7	2	76
March.....	17,018	16,928	16,038	560	313	10	7	5	90
April.....	15,534	15,490	14,379	578	507	10	6	10	44
May.....	15,088	15,040	13,787	590	612	16	6	29	48
June.....	14,755	14,703	13,381	601	681	3	8	29	62
July.....	15,046	14,993	13,709	537	710	1	8	28	53
August.....	15,775	15,721	14,410	592	729	1	6	13	54
September.....	16,729	16,659	15,330	597	706	1	6	13	70
October.....	17,482	17,432	16,132	615	661	3	6	15	59
November.....	18,110	18,035	16,861	591	561		7	15	75
December.....	18,310	18,230	17,235	596	410		9	16	74
Land controlled, acres.....	84,695	81,458	77,796	430	2,184	213	253	582	3,227
Owned.....	31,483	29,594	29,771	230	1,810	201	253	582	1,889
Held under lease.....	53,212	51,864	51,025	200	374	12			1,348
Mineral land.....	76,383	73,240	70,192	430	1,655	138	253	572	3,143
Owned.....	24,150	22,361	20,152	230	1,281	126		572	1,795
Held under lease.....	52,237	50,879	50,040	200	374	12	253		1,348
Timber land.....	780	780	780		268	10			
Other land.....	7,532	7,438	7,132		231	65		10	94
Primary horsepower.....	24,228	23,453	19,118	1,365	2,006			64	776

¹ Includes operators as follows: Clay, 4; peat, 1.

² Includes operators as follows: Bituminous coal, 3; iron, 1; lead and zinc, 10; limestone, 1.

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.