

REFERENCE COPY

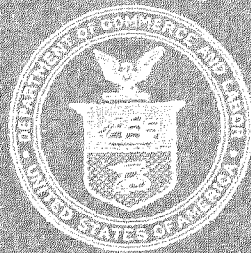
DEPARTMENT OF COMMERCE AND LABOR
BUREAU OF THE CENSUS
E. DANA DURAND, DIRECTOR

THIRTEENTH CENSUS OF THE UNITED STATES
TAKEN IN THE YEAR 1910

STATISTICS FOR KANSAS

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

REPRINT OF THE SUPPLEMENT FOR KANSAS PUBLISHED IN CONNECTION WITH THE
ABSTRACT OF THE CENSUS



WASHINGTON
GOVERNMENT PRINTING OFFICE
1913

THIRTEENTH CENSUS PUBLICATIONS.

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

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

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

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

SUPPLEMENT FOR KANSAS



POPULATION
AGRICULTURE
MANUFACTURES
MINES AND QUARRIES

73532°—13—37

(565)

CHAPTER I.

NUMBER OF INHABITANTS.

Introduction.—This chapter gives the population of Kansas, 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 Kansas, 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 in part to the fact that some of the minor civil divisions of certain counties had gone out of existence by 1910, their territory having been annexed to other divisions. In other cases divisions returned independently at one census were returned at another census as secondary divisions or in combination with other divisions. It is impossible to give comparative figures of population in 1890 for four counties which were redistricted between 1890 and 1900.

Table 2 (p. 588) shows the cities in Kansas, alphabetically arranged, with their population in 1910, 1900, and 1890.

HISTORICAL NOTE.—Kansas takes its name from the Kansa (Kaw) Indians, who once inhabited a large area about the Kansas or Kaw River, the meaning of the Indian word being "swift river."

This area was first visited by white men in 1541, when a Spanish expedition under the leadership of Coronado traversed it from southwest to northeast. Thereafter with the exception of explorations between 1719 and 1725, made by the French in an ineffectual attempt to gain possession of the territory, the Kansas region remained practically unknown until about the beginning of the nineteenth century. In 1804 Lewis and Clarke were sent out by the United States Government to explore the newly acquired territory of Louisiana and traversed that part of Kansas bordering on the Missouri River, but it remained for Pike in 1806 and Long in 1819 to give the first extensive information relating to the Kansas country.

Fort Leavenworth was established and United States troops stationed there in 1827. The Santa Fe Trail, the great overland route of commerce, led across Kansas, but no settlements had yet been made in 1834, when the territory was included in the immense Indian reservation known as the "Indian country." Twenty years later, when the territory of Kansas was organized, the few white civilian residents were either living at the military stations or engaged in missionary or educational work among the Indians. Immediately after the formation of the territory, however, settlers came in large numbers and within a few months Leavenworth, Atchison, Topeka, Lawrence, and other towns were founded.

With the exception of a small area in the southwestern part of the state, the territory now constituting Kansas was originally a portion of the vast Louisiana region

The population of Kansas, by counties, at each of the last five Federal censuses, from 1870 to 1910, inclusive; the increase during the last two decades; the density of the total and the rural population at the census of 1910; and the distribution of the population at the last two Federal censuses according to urban and rural districts, are given in Table I of Chapter 2.

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

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

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

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

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

claimed by the French on account of the discoveries of La Salle and others. This region was ceded by France to Spain in 1762, retroceded to France in 1800, and purchased by the United States in 1803. It belonged successively to the district of Louisiana (1804-5), the territory of Louisiana (1806-1812), the territory of Missouri (1812-1834), and the unorganized "Indian country" (1834-1854).

That part of Kansas lying south of the Arkansas River and west of the one hundredth meridian was a portion of the original Spanish possessions in America. In 1821 it became a part of Mexico at the time that country achieved its independence; and from 1836, when Texas became independent, until 1845, it was included in that republic. Texas was annexed to the United States in 1845. In 1850 its boundaries were fixed as they now stand, and from that time until the formation of the territory of Kansas the area south of the Arkansas River and west of the one hundredth meridian was without organized government.

In 1854 the territory of Kansas was organized. That part lying north of the thirty-eighth parallel then extended westward to the Rocky Mountains, while south of that parallel the territory was bounded on the west by the one hundred and third meridian, which is 1° west of the present western boundary.

The question whether Kansas should be admitted to the Union as a free or as a slave state led in 1856 to civil war in the territory. Four constitutions for the proposed state were framed during the period from 1855 to 1859, and in the latter year a constitution prohibiting slavery was adopted by a convention sitting at Wyandotte, and approved by popular vote, under which Kansas, with boundaries as at present, was admitted to the Union in January, 1861.

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

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

TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

Population of the state.—The population of the state of Kansas is 1,690,949. Compared with a population of 1,470,495 in 1900, this represents an increase during the last decade of 220,454, or 15 per cent. During the same period the total population of the United States increased 21 per cent. The growth of the state was five times as rapid as during the preced-

ing decade, 1890–1900, when the rate was only 3 per cent.

The following table shows the population of Kansas at each Federal census from 1860 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	1,690,949	220,454	15.0	21.0
1900.....	1,470,495	42,387	3.0	20.7
1890.....	1,428,108	432,012	43.4	25.5
1880.....	996,096	631,697	173.4	30.1
1870.....	364,399	257,193	239.9	22.6
1860.....	107,206	.....	.....	.....

¹ Includes population (1,012) of Indian reservations, specially enumerated.

Kansas was organized as a territory in 1854 and appears in the Federal census reports for the first time in 1860. During the first 20 years covered by the table, 1860–1880, the population of the state multiplied more than nine times. Since 1880 the growth has been much slower, the population having increased only 69.8 per cent during this 30-year period. The growth in the three decades has not been evenly distributed, the rates of increase ranging from 3 per cent for the decade 1890–1900 to 43.4 per cent for the decade 1880–1890.

A comparison of the rates of increase for the state with those for the United States, as given in the preceding table, shows that from 1860 to 1890 the population of the state increased much more rapidly than that of the country as a whole, the population of the state multiplying more than thirteen times, while the population of the country as a whole was more than doubled during this period. Since 1890 the population of the state has increased 18.4 per cent, while that of the United States has increased 46.1 per cent.

Cities.—Kansas has 472 cities, which comprise all the incorporated territory of the state. Kansas City, the largest, has a population of 82,331, and Wichita and Topeka, the second and third cities in the state, have a population of 52,450 and 43,684, respectively. Of the remaining cities, 3 have from 15,000 to 20,000, 6 from 10,000 to 15,000, 13 from 5,000 to 10,000, 28 from 2,500 to 5,000, and 419 less than 2,500 inhabitants.

Table 2 shows the population in 1910 of all the cities of the state with comparative figures, where possible, for 1900 and 1890. The table on page 569 shows the population of the 6 cities having in 1910 over 15,000 inhabitants, as reported at each Federal census since their incorporation as cities, so far as figures are available, together with the increase during each decade.

Of the cities included in this table, Wichita shows the highest percentage of increase during the last decade, namely, 112.6 per cent, and Atchison the lowest, 4.5 per cent, while Leavenworth shows a decrease of 6.6 per cent.

Counties.—Kansas has 105 counties. The population of these counties ranges from 993 in Haskell County to 100,068 in Wyandotte County.

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

Seventy-two counties have increased in population during the last decade, the percentages of increase ranging from five-tenths of 1 per cent in McPherson County to 397.7 per cent in Seward County, and the absolute increases from 100 in McPherson County to 29,058 in Sedgwick County. Fifty-five counties show a larger percentage of increase than is shown for the state as a whole, which, as before stated, was 15 per cent. Nineteen counties show percentages of increase of over 100 per cent each. Thirty-three counties have decreased in population during the last decade, the percentages of decrease ranging from six-tenths of 1 per cent in

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.
Atchison:				Leavenworth:			
1910.....	16,429	707	4.5	1910.....	19,363	-1,372	-6.6
1900.....	15,722	1,759	12.6	1900.....	20,735	967	4.9
1890.....	13,963	-1,142	-7.6	1890.....	19,768	3,222	19.5
1880.....	15,105	8,051	114.1	1880.....	16,546	-1,327	-7.4
1870.....	7,054	4,438	169.6	1870.....	17,873	10,444	149.6
1860.....	2,616			1860.....	7,429		
Hutchinson:				Topeka:			
1910.....	16,364	6,985	74.5	1910.....	43,684	10,076	30.0
1900.....	9,379	697	8.0	1900.....	33,608	2,691	8.4
1890.....	8,682	7,142	463.8	1890.....	31,007	15,555	100.7
1880.....	1,540			1880.....	15,452	9,662	166.9
				1870.....	5,790	5,031	662.8
				1860.....	759		
Kansas City:				Wichita:			
1910.....	82,331	30,913	60.1	1910.....	52,450	27,779	112.6
1900.....	51,418	13,102	34.2	1900.....	24,671	818	3.4
1890.....	38,316	35,116	1,097.4	1890.....	23,853	18,542	385.7
1880.....	3,200			1880.....	4,911		

¹ A minus sign (-) denotes decrease.

Lyon County to 15.9 per cent in Osage County, and the absolute decreases from 92 in Wabaunsee County to 4,532 in Cherokee County. During the preceding decade, 1890-1900, 54 counties in the state showed decreases in population. The aggregate increase of population from 1900 to 1910 in the 72 counties that show an increase is 252,476; the aggregate decrease of population in the 33 counties that show a decrease is 32,022. The difference, 220,454, is, of course, the total increase 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 Kansas 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 81,774 square miles. The average number of persons to the square mile is 20.7; in 1900 and 1890 it was 18 and 17.5, 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 inhabitants or more, but not excluding the land area of such places.

Butler County, with 1,434 square miles, has the largest area, and Wyandotte County, with 143 square miles, the smallest area. Wyandotte County, containing Kansas City, has the highest density, 699.8 persons per square mile, while Stanton County, with 1.5 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 Kansas comprise 1,501 townships and 472 cities. Besides these minor civil divisions there are 3 Indian reservations in the state, returned under the counties in which they are wholly or partly located. All the townships and 150 of the cities are primary divisions.

The remaining 322 cities are not independent minor civil divisions, but, with the exception of Kansas City, form parts of the townships in which they are located. Kansas City is coextensive with the township of the same name.

Urban and rural population compared.—The first table on page 570 presents the population of Kansas at the Federal censuses of 1910, 1900, and 1890, respectively, distributed among cities 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 of 2,500 inhabitants or more—contained 493,790 inhabitants, or 29.2 per cent of the total population, while 1,197,159 inhabitants, or 70.8 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the cities then having 2,500 inhabitants or more—contained 330,903 inhabitants, or 22.5 per cent of the total population, while 1,139,592 inhabitants, or 77.5 per cent, lived in rural territory. There has thus been a considerable increase in the proportion of urban population. There was also a slight increase in the proportion of urban population in the state from 1890 to 1900. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

In 1890 there were two cities in Kansas—Kansas City and Topeka—with more than 25,000 inhabitants each, their combined population comprising 4.9 per cent of the total population of the state. In 1900 these cities contained 5.8 per cent of the total population. By 1910 Wichita had joined Kansas City and Topeka in the group of cities having over 25,000 inhabitants, the combined population in 1910 of these three cities comprising 10.6 per cent of the total population of the state. The proportion of the total population of the state in the combined groups of cities having between 2,500 and 25,000 inhabitants increased

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.....		1,690,949		1,470,495		1,428,108	100.0	100.0	100.0
Urban territory.....	53	493,790	40	330,903	35	272,201	29.2	22.5	19.1
Cities of 25,000 inhabitants or more.....	3	178,465	2	85,026	2	69,323	10.6	5.8	4.9
Cities of 10,000 to 25,000 inhabitants.....	9	125,378	7	102,579	4	69,530	7.4	7.0	4.9
Cities of 5,000 to 10,000 inhabitants.....	13	97,180	10	67,803	10	71,196	5.7	4.6	5.0
Cities of 2,500 to 5,000 inhabitants.....	28	92,767	21	75,435	19	62,152	5.5	5.1	4.4
Rural territory.....		1,197,159		1,139,592		1,155,907	70.8	77.5	80.9
Cities of less than 2,500 inhabitants.....	419	278,574	314	216,234	296	211,604	16.5	14.7	14.8
Other rural territory.....		918,585		923,358		944,243	54.3	62.8	66.1

¹ Includes population (1,012) of Indian reservations, specially enumerated.

from 14.2 per cent in 1890 to 16.7 per cent in 1900 and to 18.6 per cent in 1910.

The urban population of the state in 1910 was contained in 53 cities. Of the total population 70.8 per cent was classed as rural, 16.5 per cent being contained in 419 cities of less than 2,500 inhabitants each and 54.3 per cent in unincorporated territory. The 419 cities of less than 2,500 inhabitants each had an aggregate population of 278,574. These cities comprised 79 having from 1,000 to 2,500 inhabitants each, with a combined population of 125,927; 121 having from 500 to 1,000 inhabitants each, with a combined population of 83,164; and 219 having less than 500 inhabitants each, with a combined population of 69,483.

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 772,364, or 45.7 per cent of the population of the state. The population of all incorporated places, as they existed in 1900, was 547,137, or 37.2 per cent of the population of the state.

Table I of Chapter 2 shows 36 counties having a larger proportion and 6 counties a smaller proportion of urban population in 1910 than in 1900, while 63 counties were wholly rural at both censuses. In each of 6 counties in 1910 the urban population constituted 50 per cent or more of the total population.

In order to compare the *rate of growth* in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and in 1900 of the same places is then compared. Thus, as shown in the table in the next column, the total population in 1910 of those cities which at that time had 2,500 inhabitants or more was 493,790; in 1900 the total population of these same places (so far as separately reported) was 355,211. It may be noted that the latter figure exceeds the total population in 1900 of those cities which at that time had over 2,500 inhabitants each, 330,903 (see table above), by 24,308. 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 the cities having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the table below, shows an increase of 39 per cent. This represents the rate of growth of urban communities as thus defined. During the same period the rural population, comprising that of the remainder of the state, increased 7.3 per cent. Urban population thus increased considerably more than twice as rapidly as that of the state as a whole, and more than five times as rapidly as rural population. 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 41 counties in Kansas in which rural population decreased, but only 6 in which there was a decrease of urban population.

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

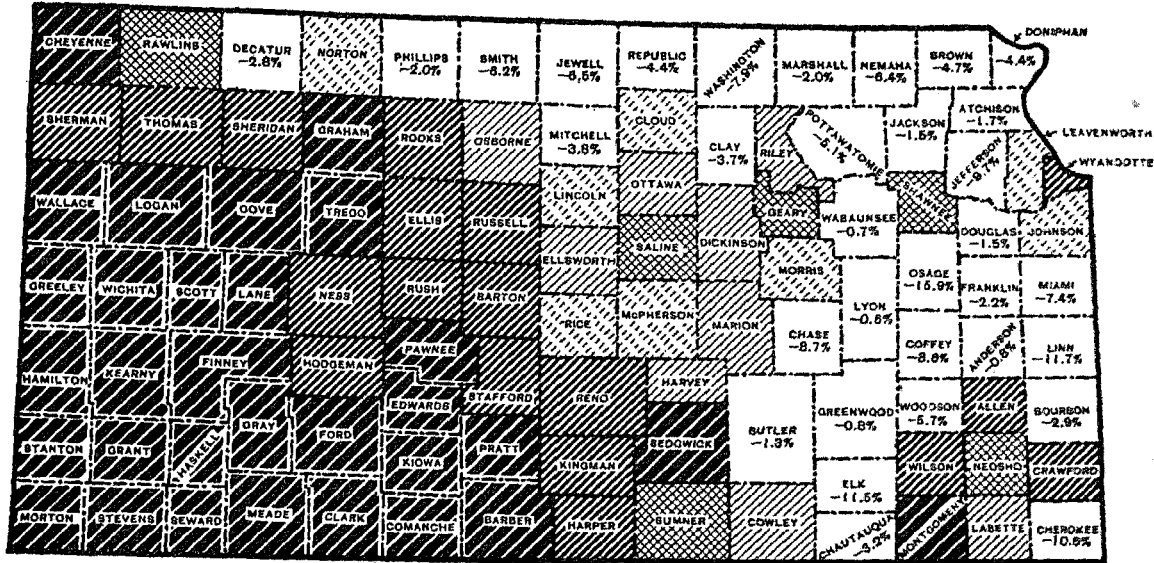
CLASS OF PLACES.	POPULATION. *		INCREASE: 1900-1910	
	1910	1900	Number.	Percent.
The state.....	1,690,949	1,470,495	220,454	15.0
Urban territory in 1910.....	493,790	355,211	138,579	39.0
Cities of 25,000 or more in 1910.....	178,465	115,575	62,890	54.4
Cities of 2,500 to 25,000 in 1910.....	315,325	239,636	75,689	31.6
Remainder of the state.....	1,197,159	1,115,284	81,875	7.3

From this table it appears that the population in each group of urban communities increased during the last decade much more rapidly than that of the state as a whole. The rate of increase for the group of cities of over 25,000 inhabitants was more than three and one-half times the rate of increase for the state as a whole, while the rate of increase for the group of cities having from 2,500 to 25,000 inhabitants was a little more than twice that for the state as a whole. The rate of increase for rural territory, however, was only about one-half the rate for the state as a whole.

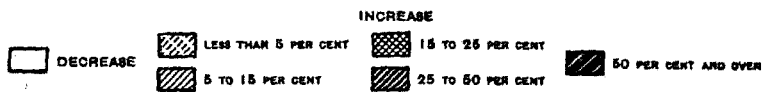
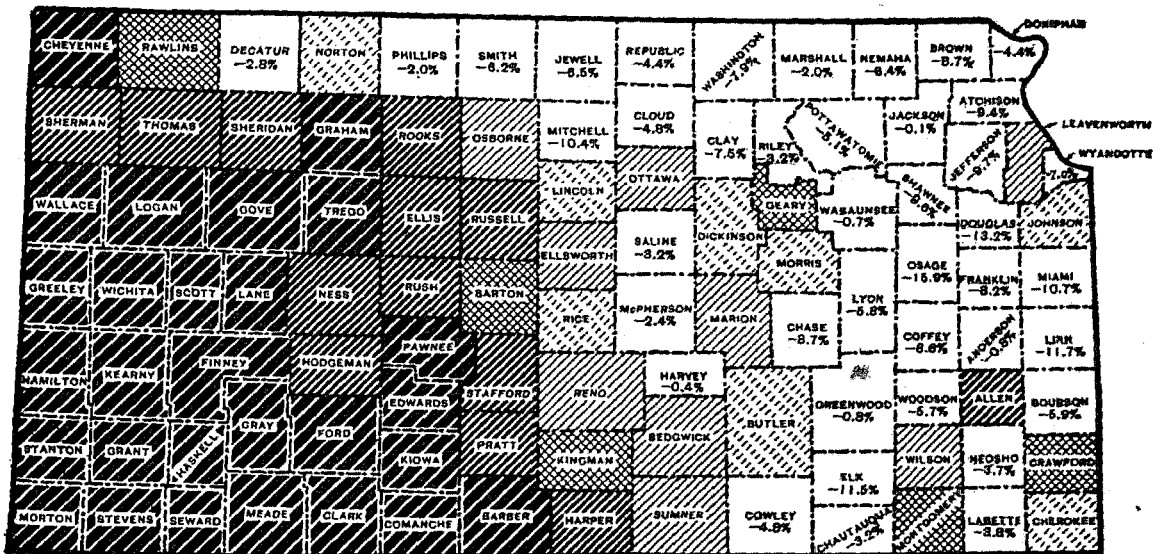
PER CENT OF INCREASE OR DECREASE OF POPULATION OF KANSAS, BY COUNTIES: 1900-1910.

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

TOTAL POPULATION.



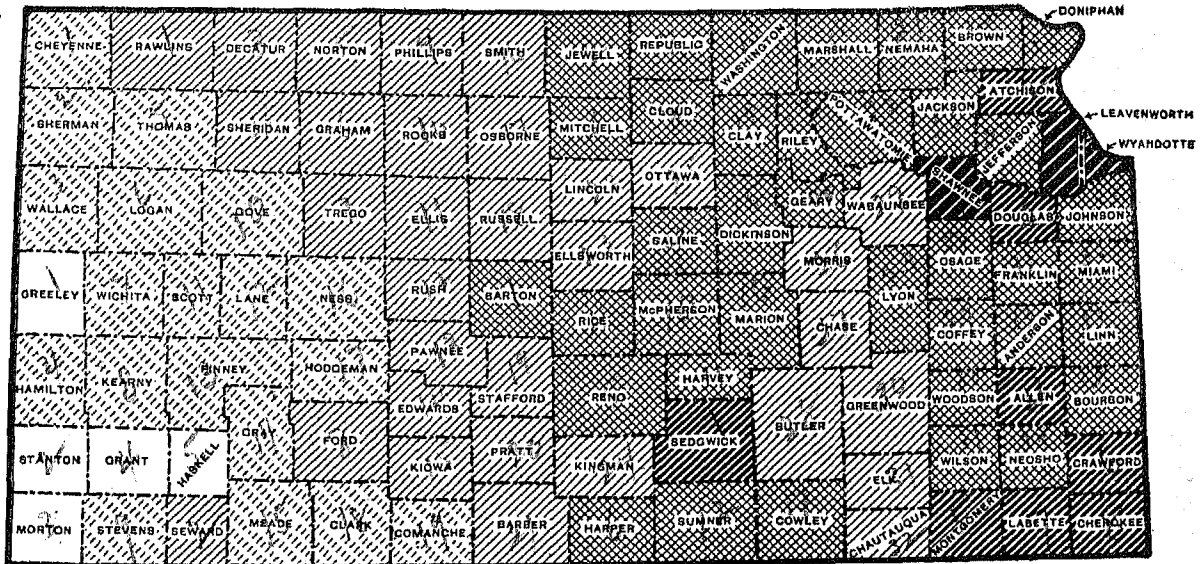
RURAL POPULATION.



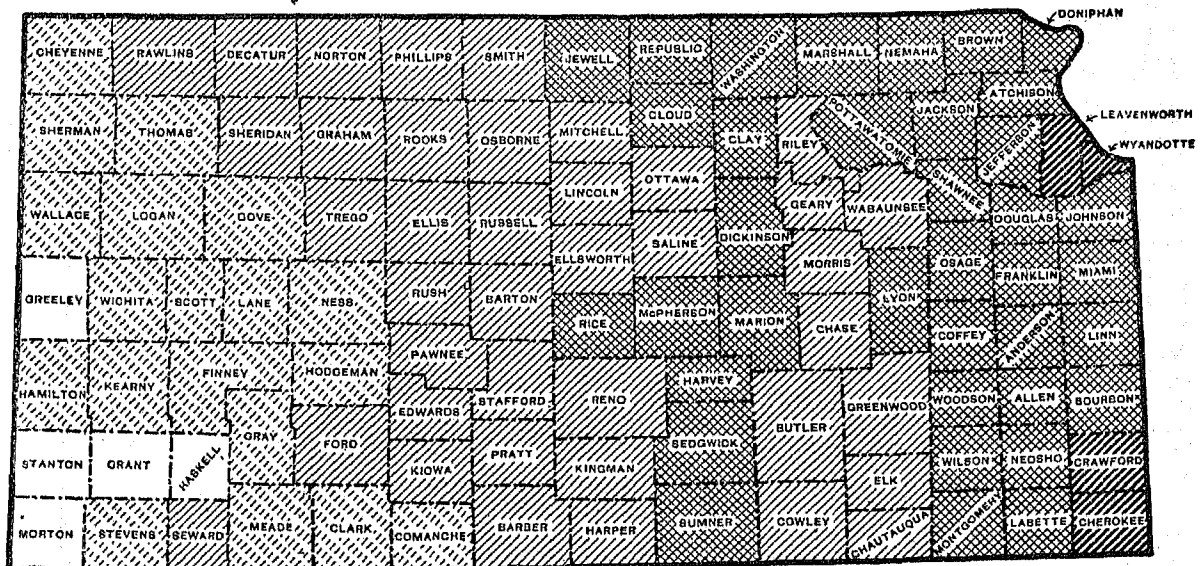
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

DENSITY OF POPULATION OF KANSAS, BY COUNTIES: 1910.

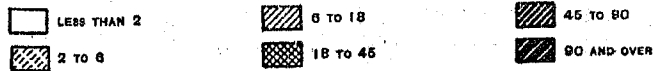
TOTAL POPULATION.



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.

573

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
Allen County	27,640	19,507	13,509	Barber County	9,916	6,594	7,973
Carlyle township.....	836	676	712	Aetna township.....	133	67	225
Cottage Grove township.....	828	796	847	Cedar township.....	373	337	335
Deer Creek township.....	418	555	545	Deerhead township.....	135	85	152
Elm township ¹	1,508	1,565	1,877	Eagle township.....	264	208	381
Elsmore township, including Elsmore and Savonburg cities.....	1,627	1,759	1,445	Elm Mills township.....	319	253	316
Elsmore city ²	216			Elwood township.....	429	267	302
Savonburg city ³	267			Hazelton township, including Hazelton city.....	692	498	696
Gas city ⁴	1,281			Hazelton city.....	318	148	319
Ward 1.....	60			Kiowa township, including Kiowa city.....	1,855	965	993
Ward 2.....	266			Kiowa city.....	1,620	765	693
Ward 3.....	669			Lake City township ⁵	365	205	189
Ward 4.....	366			McAdoo township.....	144	116	144
Geneva township.....	556	535	635	Medicine Lodge township, including Medicine Lodge city.....	2,132	1,598	1,910
Humboldt city.....	2,548	1,402	1,361	Medicine Lodge city.....	1,229	917	1,066
Ward 1.....	643			Mingona township.....	309	274	452
Ward 2.....	753			Moore township.....	349	338	397
Ward 3.....	668			Nippawalla township.....	303	195	311
Ward 4.....	679			Sharon township, including Sharon city.....	1,069	627	675
Humboldt township.....	524	461	480	Sharon city.....	560	118	
Iola city.....	9,032	5,791	1,706	Sun City township ⁶	226	139	122
Ward 1.....	2,140			Turkey Creek township.....	214	191	162
Ward 2.....	1,531			Valley township, including Isabel city.....	593	229	211
Ward 3.....	1,661			Isabel city ⁷	222		
Ward 4.....	1,696						
Ward 5.....	1,496			Barton County	17,876	12,784	13,173
Ward 6.....	819			Albion township.....	230	215	256
Iola township, including Bassett city.....	2,211	1,495	1,037	Beaver township.....	341	356	350
Bassett city ⁸	415			Buffalo township.....	471	377	459
Laharpe city.....	2,080	610	(?)	Cheyenne township.....	720	628	653
Ward 1.....	600			Clarence township.....	372	312	395
Ward 2.....	225			Cleveland township.....	265	374	308
Ward 3.....	461			Comanche township.....	670	715	738
Ward 4.....	794			Ellinwood city.....	976	760	684
Logan township.....	634	487	556	Fairview township.....	238	329	301
Marmaton township.....	945	1,027	1,014	Grant township.....	391	334	282
Moran city.....	559	464	463	Great Bend city.....	4,622	2,470	2,450
Osage township.....	1,288	986	1,006	Ward 1.....	617		
Salem township.....	765	848	825	Ward 2.....	1,110		
				Ward 3.....	1,704		
				Ward 4.....	1,191		
Anderson County	13,829	13,938	14,203	Great Bend township.....	534	463	524
Garnett city.....	2,334	2,078	2,191	Homestead township, including Holsington city.....	2,449	1,200	813
Ward 1.....	645			Holsington city.....	1,975	789	446
Ward 2.....	601			Independent township, including Claflin city.....	885	697	574
Ward 3.....	691			Claflin city ⁹	454		
Ward 4.....	487			Lakin township.....	674	770	919
Indian Creek township.....	544	598	713	Liberty township.....	396	454	468
Jackson township.....	909	851	833	Logan township.....	376	497	514
Lincoln township.....	785	777	794	Pawnee Rock township, including Pawnee Rock city.....	851	553	674
Lone Elm township.....	806	916	864	Pawnee Rock city.....	458	210	264
Monroe township.....	687	859	767	South Bend township.....	440	448	368
Ozark township, including Colony city.....	1,117	1,068	1,021	Union township.....	334	308	208
Colony city.....	630	488	474	Walnut township.....	718	593	470
Putnam township.....	650	690	638	Wheatland township.....	415	429	288
Reeder township.....	1,142	1,231	1,243				
Rich township, including Kincaid city.....	1,155	1,202	1,160	Bourbon County	24,007	24,712	23,573
Kincaid city.....	222	284	284	Drywood township.....	1,348	1,424	1,540
Union township.....	473	508	570	Fort Scott city.....	10,463	10,322	11,946
Walker township, including Greeley city.....	801	678	831	Ward 1.....	1,652		
Greeley city.....	498	394	614	Ward 2.....	2,164		
Washington township.....	599	610	625	Ward 3.....	2,586		
Welda township.....	700	798	752	Ward 4.....	1,872		
Westphalia township.....	1,147	1,176	1,201	Ward 5.....	2,189		
				Franklin township.....	1,207	1,316	1,410
				Freedom township, including Fulton city.....	1,174	1,306	1,391
				Fulton city.....	416	424	506
				Mapleton city ¹⁰	230		
				Marion township, including Bronson and Uniontown cities.....	2,184	2,298	2,632
				Bronson city.....	395	361	322
				Uniontown city.....	259	299	344
				Marmaton township ¹¹	1,018	1,243	1,456
				Mill Creek township.....	956	1,050	1,203
				Osage township.....	968	1,088	1,305
				Pawnee township.....	940	1,029	1,114
				Redfield city ¹²	232		
				Scott township.....	1,806	1,824	2,565
				Timberhill township ¹³	713	866	1,119
				Walnut township.....	769	816	869

¹ Gas city incorporated from part of Elm township in 1901.
² Laharpe city, in Elm township, not returned separately in 1890.
³ Incorporated in 1909.
⁴ Incorporated in 1902.
⁵ Incorporated in 1903.
⁶ Part of Walnut township annexed to Aitchison city in 1905.

⁷ Returned as Lake in 1900.
⁸ Returned as Sun in 1900.
⁹ Incorporated in 1901.
¹⁰ Mapleton city incorporated from part of Timberhill township in 1905.
¹¹ Redfield city incorporated from part of Marmaton township in 1905.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Brown County.	21,314	122,869	20,319	Chase County—Continued.			
Hamlin township, including Hamlin city	1,133	1,317	1,207	Falls township, ⁷ including Cottonwood Falls city	1,421	2,939	2,913
Hamlin city	408	258	216	Cottonwood Falls city	890	812	770
Hlawatha city	2,974	2,829	2,498	Matfield township	633	754	.....
Ward 1	781	.....	.....	Strong township, ⁷ including Strong city	1,043	.....	.....
Ward 2	387	.....	.....	Strong city	702	1,123	878
Ward 3	723	.....	.....	Toledo township	947	968	1,024
Ward 4	654	.....	.....		
Hlawatha township	1,600	1,739	1,601	Chautauqua County	11,429	11,804	12,397
Horton city	3,600	3,388	3,316	Belleville township, including Chautauqua Springs and Peru cities	1,916	1,371	1,566
Ward 1	1,192	.....	.....	Chautauqua Springs city	343	.....	.....
Ward 2	1,000	.....	.....	Peru city	673	.....	.....
Ward 3	653	.....	.....	Caneyville township	792	1,039	874
Ward 4	740	.....	.....	Cedarvale city	948	932	640
Irving township, including part of Sac and Fox and Iowa Indian Reservation	1,139	1,950	1,000	Center township	508	592	716
Sac and Fox and Iowa Indian Reservation (part of)	107	.....	.....	Harrison township	789	793	834
Total for Sac and Fox and Iowa Indian Reservation in Irving and Padonia townships, Brown County, and Iowa township, Davenport County	171	449	.....	Hendricks township	812	1,067	929
Missouri township, including Willis city	2,485	2,629	2,597	Jefferson township	868	876	1,022
Willis city	188	157	.....	Lafayette township	431	550	673
Morrill township, including Morrill city	1,390	1,441	1,355	Little Caney township	655	1,005	924
Morrill city	598	400	308	Niotaze city	317	.....	.....
Padonia township, including part of Sac and Fox and Iowa Indian Reservation	821	1,842	928	Salt Creek township	473	531	780
Sac and Fox and Iowa Indian Reservation (part of)	48	.....	.....	Sedan city	1,211	1,067	970
Powhatan township, including Kickapoo Indian Reservation and Powhatan city	1,951	1,563	1,494	Sedan township	508	525	569
Kickapoo Indian Reservation	431	568	.....	Summit township	625	791	891
Powhatan city	216	237	.....	Washington township	676	665	624
Robinson township, including Robinson city	1,405	1,496	1,273				
Robinson city	492	493	.....	Cherokee County	38,162	1042,694	1027,770
Walnut township, including Fairview city	1,595	1,785	1,611	Baxter Springs city	1,508	1,641	1,248
Fairview city	328	396	.....	Cherokee township	1,574	2,295	1,963
Washington township, including Everest city	1,321	1,412	1,451	Columbus city	3,064	2,310	2,180
Everest city	436	602	478	Ward 1	959	.....	.....
				Ward 2	673	.....	.....
				Ward 3	648	.....	.....
				Ward 4	540	.....	.....
				Ward 5	211	.....	.....
				Crawford township	859	949	855
Butler County	23,069	23,368	24,055	Galena city	6,096	10,155	2,496
Augusta city	1,235	1,197	1,343	Ward 1	488	.....	.....
Augusta township	567	601	636	Ward 2	1,493	.....	.....
Benton township, including Benton city	810	801	849	Ward 3	1,873	.....	.....
Benton city	240	.....	.....	Ward 4	1,318	.....	.....
Bloomington township	458	527	565	Ward 5	888	.....	.....
Bruno township	642	677	765	Garden township	1,300	2,797	1,267
Chelsea township	573	623	568	Lola township	1,080	1,155	1,304
Clay township	270	297	370	Lowell township	811	1,543	1,671
Clifford township	618	538	590	Lyon township	1,016	1,106	1,076
Douglas city	687	756	737	Mineral township	1,606	1,554	1,171
Douglas township	506	572	584	Neosho township	1,182	1,188	1,159
Eldorado city	3,129	3,466	3,339	Pleasant View township	1,126	1,128	1,198
Ward 1	664	.....	.....	Ross township, including Mineral and Roseland cities	7,703	2,764	1,204
Ward 2	982	.....	.....	Mineral city	1,770	.....	.....
Ward 3	1,033	.....	.....	Roseland city	398	.....	.....
Ward 4	447	.....	.....	Salamance township	980	1,231	992
Eldorado township	621	672	648	Scammon city	2,233	1,549	748
Fairmount township	685	672	667	Ward 1	761	.....	.....
Fairview township	395	448	444	Ward 2	655	.....	.....
Glencoe township	676	711	756	Ward 3	914	.....	.....
Hickory township	473	496	552	Shawnee township	1,033	1,083	1,000
Leon city	494	527	456	Sheidan township	1,386	1,485	1,597
Lincoln township	557	420	447	Spring Valley township	1,326	1,626	1,670
Little Walnut township	385	485	594	Weir city	2,289	2,977	2,138
Logan township	268	323	410	Ward 1	676	.....	.....
Milton township, including Whitewater city	1,203	960	984	Ward 2	392	.....	.....
Whitewater city	618	267	184	Ward 3	631	.....	.....
Murdock township	530	557	622	Ward 4	591	.....	.....
Pleasant township	628	639	661				
Plum Grove township, including Potwin city	679	583	535	Cheyenne County	4,248	2,840	4,401
Potwin city	249	.....	.....	Alexander township	115	77	180
Prospect township	759	875	820	Beaver township	235	141	351
Richland township	724	712	752	Benkelman township	232	208	386
Rock Creek township	395	441	480	Bird City	190	88	145
Rosalia township	592	576	633	Bird City township	138	1032	1123
Spring township	660	733	790	Calhoun township	234	189	284
Sycamore township	738	536	478	Cherry Creek township	273	193	251
Towanda township, including Towanda city	745	683	765	Cleveland Run township	237	180	253
Towanda city	275	.....	.....	Dent township	220	102	320
Union township, including Latham city	736	641	669	Eureka township	265	215	292
Latham city	384	.....	.....	Evergreen township	143	74	178
Walnut township	661	672	626	Jaqua township	188	179	190
				Jederson township	100	75	140
				Lawn Ridge township	231	92	238
Chase County	7,527	8,246	8,233	Nuttyscombe township	263	121	176
Bazaar township	508	592	1,425	Orlando township	98	58	139
Cedar township	933	842	763	Porter township	422	212	323
Cottonwood township	913	808	992	Wano township, including St. Francis city	664	424	407
Diamond Creek township	876	1,213	1,154	St. Francis city	492	.....	.....
Elmdale city	253	.....	.....		

¹ County total includes population (566) of Kickapoo Indian Reservation and population (492) of part of Sac and Fox and Iowa Indian Reservation, returned independently in 1900.

² Exclusive of population of Indian reservation.

³ Incorporated in 1908.

⁴ Incorporated in 1907.

⁵ Incorporated in 1904.

⁶ Elmdale city incorporated from part of Diamond Creek township in 1904.

⁷ Strong township organized from part of Falls township in 1902.

⁸ Incorporated in 1903.

⁹ Niotaze city incorporated from part of Little Caney township in 1910.

¹⁰ County totals include population (2,258 in 1900; 923 in 1890) of Empire city annexed to Galena city since 1900.

¹¹ Empire city annexed in 1907.

¹² Scammon city made independent of Mineral township in 1903.

¹³ Exclusive of population of Scammon city.

¹⁴ Incorporated in 1900.

¹⁵ Bird City returned with Bird City township in 1900.

¹⁶ Exclusive of population of Bird City.

STATISTICS OF POPULATION.

575

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
Clark County	4,093	1,701	2,357	Coffey County—Continued.			
Appleton township, including Minneola city.....	874	217	279	Hampden township.....	498	612	698
<i>Minneola city</i> ¹	348			Key West township.....	943	946	896
Brown township.....	233	67	165	Le Roy township, including Le Roy city.....	1,174	1,139	1,208
Center township, including Ashland city.....	1,263	655	745	<i>Le Roy city</i>	861	772	663
<i>Ashland city</i>	910	493	459	Liberty township.....	1,227	1,223	1,234
Cimarron township.....	113	44	77	Lincoln township, including Lebo city.....	1,134	1,274	1,167
Edwards township.....	86	38	72	<i>Lebo city</i>	660	605	698
Englewood township, including Englewood city.....	659	252	297	Neosho township.....	697	704	768
<i>Englewood city</i>	618	181	176	Ottumwa township.....	999	1,062	1,014
Lexington township.....	259	196	309	Pleasant township.....	697	803	1,193
Liberty township.....	164	76	93	Pottawatomie township.....	814	915	791
Slicka township.....	304	92	127	Rook Creek township, including Waverly city.....	1,723	1,716	1,588
Vesta township.....	138	64	192	<i>Waverly city</i>	761	686	645
				Spring Creek township.....	632	622	591
				Star township.....	556	669	641
Clay County	15,261	15,833	16,146	Comanche County	3,281	1,619	2,549
Athelstane township.....	609	646	613	Avilla township.....	206	108	300
Blaine township.....	581	640	748	Coldwater city.....	684	263	480
Bloom township.....	727	755	837	Coldwater township.....	650	356	424
Chapman township.....	708	700	558	Irwin township.....	53	31	52
Clay Center city.....	3,438	3,069	2,802	Logan township.....	116	127	154
<i>Ward 1</i>	1,134			Nescatunga township.....	138	96	153
<i>Ward 2</i>	1,298			Powell township.....	263	173	193
<i>Ward 3</i>	1,006			Protection township, including Protection city.....	804	281	304
Clay Center township.....	960	1,103	1,191	<i>Protection city</i> ²	390		
Exeter township.....	481	516	574	Rumsey township.....	106	38	132
Five Creeks township.....	617	670	670	Shlmer township.....	105	69	201
Garfield township.....	587	645	818	Valley township.....	156	79	156
Gill township.....	421	535	487				
Goshen township.....	521	647	691	Cowley County	31,790	30,156	34,478
Grant township.....	459	495	482	Arkansas City.....	7,508	6,140	8,347
Hayes township.....	558	600	732	<i>Ward 1</i>	1,336		
Highland township, including Green city.....	906	863	896	<i>Ward 2</i>	2,249		
<i>Green city</i> ³	289			<i>Ward 3</i>	1,805		
Mulberry township, including parts of Clifton and Vining cities.....	869	1,051	1,227	<i>Ward 4</i>	2,118		
<i>Clifton city (part of)</i>	261	292	290	Beaver township.....	583	596	782
<i>Total for Clifton city in Mulberry township, Clay County, and Clifton township, Washington County</i>	614	609	622	Bolton township.....	1,101	1,270	1,603
<i>Vining city (part of)</i>	95	114	99	Cedar township.....	340	397	500
<i>Total for Vining city in Mulberry township, Clay County, and Clifton township, Washington County</i>	191	245	241	Creswell township.....	995	861	1,004
Oakland township.....	505	486	576	Dexter township, including Dexter city.....	1,262	1,266	1,814
Republican township, including Wakefield city.....	1,019	893	817	<i>Dexter city</i>	512	380	371
<i>Wakefield city</i>	514	322	241	Fairview township.....	545	585	669
Sherman township, including Morganville city.....	809	961	851	Grant township.....	467	424	548
<i>Morganville city</i>	285	350	255	Harvey township.....	565	666	657
Union township.....	496	558	576	Liberty township.....	624	618	759
				Maple township.....	525	559	693
				Ninnescah township, including Udall city.....	853	873	1,045
				<i>Udall city</i>	530	222	333
				Omnia township, including Atlanta city.....	722	556	482
				<i>Atlanta city</i> ⁴	530		
Cloud County	18,388	18,071	19,295	Otter township.....	321	443	539
Arlon township.....	522	604	691	Pleasant Valley township.....	810	918	1,025
Aurora township, including Aurora city.....	860	770	825	Richland township.....	1,212	1,368	1,390
<i>Aurora city</i> ⁵	269			Rook Creek township.....	688	680	709
Buffalo township.....	642	698	778	Sheridan township.....	521	544	756
Center township.....	691	768	823	Silver Creek township, including Burden city.....	930	1,131	1,226
Clyde city ⁶	1,067	1,157	1,137	<i>Burden city</i>	424	519	508
Colfax township.....	582	693	686	Silverdale township.....	567	780	772
Concordia city.....	4,415	3,401	3,184	Spring Creek township.....	417	476	578
<i>Ward 1</i>	1,041			Tisdale township.....	538	542	598
<i>Ward 2</i>	913			Vernon township.....	695	840	1,008
<i>Ward 3</i>	1,222			Walnut township.....	1,450	1,141	1,227
<i>Ward 4</i>	1,239			Windsor township.....	871	969	1,033
Elk township ⁷	483	612	696	Winfield city.....	6,700	5,554	5,184
Grant township, including Jamestown city.....	1,003	987	1,016	<i>Ward 1</i>	1,777		
<i>Jamestown city</i>	462	400	372	<i>Ward 2</i>	2,025		
Lawrence township.....	732	792	823	<i>Ward 3</i>	1,041		
Lincoln township.....	402	443	460	<i>Ward 4</i>	567		
Lyon township.....	648	709	834	<i>Ward 5</i>	1,280		
Meredith township.....	542	602	774				
Nelson township.....	422	418	535	Crawford County	51,178	38,808	30,336
Oakland township.....	943	1,080	1,149	Baker township ⁸	5,454	5,958	3,856
Shirley township.....	509	684	378	Crawford township.....	1,504	1,650	1,580
Sibley township.....	1,491	1,496	1,322	Frontenac city ⁹	3,396	1,805	600
Solomon township, including Glasco city.....	780	509	461	<i>Ward 1</i>	1,036		
<i>Glasco city</i>	720			<i>Ward 2</i>	619		
Starr township, including Miltonvale city.....	1,315	909	1,226	<i>Ward 3</i>	885		
<i>Miltonvale city</i>	829	328	591	<i>Ward 4</i>	866		
Summit township.....	681	846	932	Girard city.....	2,446	2,473	2,541
				Grant township.....	971	1,140	1,177
				Lincoln township, including Arcadia city and part of Mulberry city.....	3,566	2,781	2,496
Coffey County	15,205	16,643	15,856	<i>Arcadia city</i>	694	633	618
Avon township.....	682	754	745	<i>Mulberry city (part of)</i>	349		
Burlington city.....	2,190	2,418	2,239	<i>Total for Mulberry city¹⁰ in Lincoln and Washington townships</i>	997		
<i>Ward 1</i>	680			Osage township, including McCune city.....	2,009	2,202	2,159
<i>Ward 2</i>	759			<i>McCune city</i>	788	687	700
<i>Ward 3</i>	741						
Burlington township.....	652	780	680				
California township.....	797	1,006	513				

¹ Incorporated in 1909.
² Incorporated in 1908.
³ Incorporated in 1910.
⁴ Clyde city, returned with Elk township, in 1900.
⁵ Exclusive of population of Clyde city.
⁶ Incorporated in 1903.

⁷ Parts annexed to Pittsburg city in 1906 and 1907. Included part of Frontenac city in 1900.
⁸ Exclusive of population of Frontenac city.
⁹ Made independent of Baker and Washington townships in 1907.
¹⁰ 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
Crawford County—Continued.				Doniphan County.			
Pittsburg city ¹	14,755	10,112	6,697	Burr Oak township.....	810	833	762
Ward 1.....	4,175			Center township, including Troy city.....	2,572	2,737	2,175
Ward 2.....	3,765			Troy city.....	940	947	750
Ward 3.....	5,181			Iowa township, including Highland and White Cloud cities and part of Sac and Fox and Iowa Indian Reservation.....	3,266	¹³ 3,694	3,280
Ward 4.....	6,604			Highland city.....	763	780	493
Sheridan township, including Bruce and Cherokee cities.....	3,690	3,405	3,239	Sac and Fox and Iowa Indian Reservation (part of).....	16	47	.....
Bruce city ²	4	164	.....	[For total, see Irving township, Brown County.]			
Cherokee city.....	1,452	1,367	1,087	White Cloud city.....	1,119	713	699
Sherman township.....	1,170	1,319	1,384	Marion township.....	763	681	548
Walnut township, including Hepler and Walnut cities.....	2,069	1,996	2,044	Union township, including Denton city.....	1,054	957	888
Hepler city.....	278	215	269	Denton city.....	337	247	.....
Walnut city.....	659	603	659	Washington township, including Elwood and Wathena cities.....	2,764	2,558	1,916
Washington township, ³ including Arma and Curranville cities and part of Mulberry city.....	10,148	9,968	9,533	Elwood city.....	656	623	377
Arma city ⁴	387			Wathena city.....	777	798	694
Curranville city ⁵	773			Wayne township, including Doniphan city.....	1,288	1,514	1,909
Mulberry city (part of).....	648			Doniphan city.....	134	196	347
				Wolf River township, including Severance city.....	1,905	2,003	2,057
Decatur County.....	9,976	9,234	8,414	Severance city.....	383	424	377
Allison township.....	327	330	278	Douglas County.....			
Altory township.....	303	321	301	Clinton township.....	761	947	968
Bassettville township.....	211	249	256	Eudora township, including Eudora city.....	1,577	2,070	2,105
Beaver township.....	378	307	261	Eudora city.....	640	640	618
Center township.....	251	297	310	Grant township.....	494	581	548
Cook township.....	197	231	182	Kanwaka township.....	849	921	904
Custer township.....	204	255	215	Lawrence city ¹⁴	12,374	10,832	9,997
Dresden township.....	482	366	332	Ward 1.....	2,309		
Finley township.....	425	342	265	Ward 2.....	3,008		
Garfield township.....	228	262	270	Ward 3.....	3,678		
Grant township.....	316	339	371	Ward 4.....	1,082		
Harlan township ⁷	239	711	723	Ward 5.....	995		
Jennings township, including Jennings city.....	528	444	406	Ward 6.....	828		
Jennings city ⁸	259			Lecompton township, including Lecompton city.....	1,164	1,151	1,239
Liberty township.....	277	372	278	Lecompton city.....	386	408	450
Lincoln township, including Norcatour city.....	799	653	594	Marion township.....	1,187	1,357	1,406
Norcatour city ⁹	488			Palmyra township, including Baldwin city.....	3,050	3,071	2,772
Logan township ¹⁰	233	568	486	Baldwin city.....	1,888	1,017	935
Lyon township.....	209	285	252	Wakarusa township ¹⁴	2,132	2,858	2,799
Oberlin city.....	1,157	937	976	Willow Springs township.....	1,136	1,278	1,223
Oberlin township.....	328	325	267	Edwards County.....			
Olive township.....	352	446	309	Belpre township, including Belpre city.....	887	282	227
Pleasant Valley township.....	249	305	272	Belpre city ⁶	485		
Prarie Dog township.....	183	271	237	Brown township.....	941	532	577
Roosevelt township ¹¹	273			Franklin township.....	602	397	419
Sappa township ¹²	251			Jackson township.....	410	190	195
Sherman township.....	262	329	261	Kinsley township, including Kinsley city.....	2,066	1,089	1,080
Summit township.....	224	239	312	Kinsley city.....	1,547	780	771
				Lincoln township.....	578	413	447
Dickinson County.....	24,361	21,816	22,273	Logan township.....	260	178	145
Ablene city.....	4,118	3,507	3,547	Trenton township.....	381	268	234
Ward 1.....	1,088			Wayne township, including Lewis city.....	908	327	276
Ward 2.....	1,257			Lewis city ⁸	567		
Ward 3.....	844			Elk County.....			
Ward 4.....	829			Elk Falls township, including Elk Falls city.....	871	931	1,112
Banner township.....	599	620	728	Elk Falls city.....	271	⁽¹⁵⁾ 931	560
Buckeye township.....	627	610	650	Greenfield township, including Grenola city.....	1,141	1,423	1,428
Center township, including Enterprise city.....	1,455	1,581	1,680	Grenola city.....	682	666	608
Enterprise city.....	708	798	804	Howard township, including Howard city.....	1,022	2,102	2,026
Cheever township.....	525	633	733	Howard city.....	1,163	1,207	1,015
Flora township, including Manchester city.....	675	645	684	Liberty township.....	698	674	805
Manchester city ¹³	250			Longton township, including Longton city.....	1,085	1,116	1,225
Fragrant Hill township.....	520	601	689	Longton city.....	611	564	624
Garfield township.....	539	457	506	Oak Valley township.....	653	724	889
Grant township.....	828	828	786	Painterhood township.....	448	610	682
Hayes township.....	571	583	570	Paw Paw township.....	798	873	934
Herington city ¹⁶	3,273	1,607	1,353	Union Center township.....	980	1,398	1,627
Ward 1.....	1,005			Wild Cat township, including Moline city.....	1,632	1,562	1,428
Ward 2.....	813			Moline city.....	808	695	527
Ward 3.....	587			Ellis County.....			
Ward 4.....	398			Big Creek township ¹⁶	567	¹⁷ 347	486
Holland township.....	498	433	461	Buckeye township.....	471	315	311
Hope township, including Hope city.....	1,133	1,155	1,276	Catharine township.....	648	591	456
Hope city.....	567	567	632	Ellis city.....	1,404	932	1,107
Jefferson township.....	602	605	793	Ellis township.....	721	363	501
Liberty township, including Woodbine city.....	744	700	655	Freedom township.....	510	517	311
Woodbine city ¹⁷	250			Hamilton township.....	600	518	327
Lincoln township, including Solomon city.....	1,518	1,227	1,274				
Solomon city.....	249	339	339				
Logan township.....	642	593	593				
Lyon township ¹⁸	683	¹¹ 605	¹¹ 539				
Newbern township.....	682	675	728				
Noble township, including Chapman city.....	1,222	1,115	973				
Chapman city.....	731	627	455				
Rhinehart township.....	483	480	416				
Ridge township.....	614	612	687				
Sherman township.....	460	461	548				
Union township.....	459	585	523				
Wheatland township.....	421	351	401				
Willowdale township.....	542	555	589				

¹ Parts of Baker township annexed in 1906 and 1907.
² Name changed from Midland in 1900.
³ Included part of Frontenac city in 1900.
⁴ Exclusive of population of Frontenac city.
⁵ Incorporated in 1909.
⁶ Incorporated in 1906.
⁷ Roosevelt township organized from part of Harlan township in 1907.
⁸ Incorporated in 1901.
⁹ Sappa township organized from part of Logan township in 1902.
¹⁰ Herington city made independent of Lyon township in 1903.

¹¹ Exclusive of population of Herington city.
¹² County total includes population (47) of part of Sac and Fox and Iowa Indian Reservation, returned independently in 1900.
¹³ Exclusive of population of Indian reservation.
¹⁴ Parts of Wakarusa township annexed to Lawrence city in 1905, 1907, 1908, 1909, and 1910.
¹⁵ Not returned separately in 1900.
¹⁶ Included Hays city in 1900.
¹⁷ Exclusive of population of Hays city.

STATISTICS OF POPULATION.

577

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
Ellis County—Continued.				Franklin County—Continued.			
Hays city ¹	1,961	1,136	1,242	Ottawa township.....	1,079	1,169	1,076
Harzog township ²	707	775	635	Peoria township.....	681	856	934
Lookout township.....	737	416	364	Pomona city.....	523	547	466
Pleasant Hill township.....	557	266	.....	Pomona township.....	314	419	494
Saline township.....	651	420	406	Pottawatomie township, including Lane city.....	911	949	1,052
Smoky Hill township.....	323	214	280	Lane city ³	278	.....	.....
Victoria township.....	785	522	339	Richmond township.....	979	871	337
Walker township.....	713	560	615	Wellsville city.....	648	447	392
Wheatland township.....	747	734	565	Williamsburg township, including Williamsburg city.....	1,073	1,251	1,153
				Williamsburg city ¹⁰	399	.....	.....
Ellsworth County.....	10,444	9,636	9,273				
Ash Creek township ⁴	220	.....	.....	Geary County.....			
Black Wolf township.....	347	363	.....		12,681	10,744	10,423
Carniero township.....	297	282	.....	Blakely township.....	274	315	320
Clear Creek township.....	350	300	.....	Jackson township.....	220	270	302
Columbia township.....	379	436	798	Jefferson township.....	524	527	647
Ellsworth city.....	2,041	1,549	1,620	Junction city.....	5,698	4,695	4,502
Ellsworth township, including Kanopolis city.....	918	666	613	Ward 1.....	1,455	.....	.....
Kanopolis city.....	677	210	272	Ward 2.....	1,873	.....	.....
Empire township ⁵	759	744	901	Ward 3.....	1,649	.....	.....
Garfield township ⁶	220	440	836	Ward 4.....	1,241	.....	.....
Green Garden township.....	541	527	507	Liberty township.....	989	768	750
Langley township.....	346	352	290	Lyon township.....	450	538	579
Lincoln township.....	248	315	306	Milford township.....	748	744	746
Mulberry township ⁷	215	.....	.....	Smoky Hill township.....	3,522	2,458	2,143
Noble township.....	436	495	442	Wingfield township.....	356	431	434
Palacky township.....	379	430	404				
Sherman township.....	355	376	390	Gove County.....			
Thomas township.....	234	272	280		6,044	2,441	2,994
Valley township, including Holyrood city.....	786	624	573	Baker township, including Quinter city.....	1,273	370	405
Holyrood city ⁸	561	.....	770	Quinter city ¹¹	450	.....	.....
Wilson township, including Wilson city.....	1,364	1,455	1,328	Gaeland township ¹¹	325	.....	.....
Wilson city.....	981	889	.....	Gove township, ¹¹ including Gove city.....	623	421	512
				Gove city.....	198	168	118
Finney County.....				Grainfield township, including Grainfield city.....	664	252	275
	6,908	3,469	3,350	Grainfield city.....	309	116	89
Garden city.....	3,171	1,690	1,490	Grinnell township ¹¹	769	569	564
Ward 1.....	629	.....	.....	Jerome township.....	388	175	320
Ward 2.....	1,196	.....	.....	Larabee township.....	476	240	395
Ward 3.....	1,347	.....	.....	Lewis township.....	607	110	212
Garden City township ⁹	775	585	603	Payne township.....	919	314	311
Garfield township.....	857	363	.....			
Ivanhoe township.....	257	84	139	Graham County.....			
Pleasant Valley township.....	477	108	248		8,700	5,173	5,029
Pleasant Valley township.....	153	103	135	Allodium township.....	610	389	427
Sherlock township.....	974	351	322	Bryant township.....	224	512	270
Terry township.....	244	285	413	Gettysburg township.....	638	431	541
				Graham township.....	690	435	380
Ford County.....				Happy township.....	697	234	275
	11,393	5,497	5,308	Hill City township, including Hill city.....	1,281	746	875
Bloom township.....	292	26	86	Hill city.....	983	498	646
Bucklin township, including Bucklin city.....	917	188	236	Indiana township.....	443	422	454
Bucklin city ¹	698	.....	.....	Millbrook township.....	604	249	347
Concord township.....	253	130	94	Morian township.....	905	414	347
Dodge city.....	3,214	1,942	1,763	Nicodemus township.....	492	304	300
Ward 1.....	538	.....	.....	Pioneer township.....	550	383	363
Ward 2.....	1,417	.....	.....	Solomon township, including Morland city.....	677	346	328
Ward 3.....	922	.....	.....	Morland city ¹²	257	.....	.....
Ward 4.....	643	.....	.....	Wild Horse township.....	539	308	283
Dodge township ⁹	498	277	204				
Enterprise township ⁹	268	.....	.....	Grant County.....			
Fairview township.....	433	174	281		1,087	482	1,308
Ford township, including Ford city.....	761	484	467	Lincoln township.....	284	124	460
Ford city.....	205	89	148	Sherman township.....	405	132	238
Grandview township.....	1,035	725	393	Sullivan township.....	398	166	196
Pleasant Valley township.....	405	141	191				
Richland township.....	247	82	128	Gray County.....			
Royal township.....	150	97	132		3,131	1,264	14,215
Sodville township.....	368	83	106	Cimarron township, including Cimarron city.....	946	422	445
Spearville township, including Spearville city.....	1,623	666	555	Cimarron city.....	587	237	.....
Spearville city.....	576	157	.....	Footo township.....	217	193	251
Wheatland township.....	587	350	407	Hess township.....	682	281	334
Wilburn township.....	334	182	205	Ingalls township.....	722	134	549
				Logan township.....	208	139	302
Franklin County.....				Montezuma township.....	346	165	354
	20,884	21,354	20,279				
Appanose township.....	511	614	597	Greeley County.....			
Centropolis township.....	968	1,118	1,036		1,335	498	1,284
Cutler township.....	985	1,003	914	Colony township.....	459	155	475
Franklin township.....	725	754	786	Harrison township.....	198	70	166
Greenwood township.....	600	715	725	Tribune township, including Horace and Tribune cities.....	678	268	623
Harrison township.....	608	689	694	Horace city.....	189	90	160
Hayes township.....	509	648	644	Tribune city.....	168	68	89
Homewood township.....	746	751	719				
Lincoln township.....	627	710	600				
Ohio township.....	787	909	912				
Ottawa city.....	7,650	6,934	6,248				
Ward 1.....	1,990	.....	.....		
Ward 2.....	2,410	.....	.....		
Ward 3.....	2,370	.....	.....		
Ward 4.....	880	.....	.....		

¹ Made independent of Big Creek township in 1909.
² Returned as Hartsook in 1900.
³ Ash Creek township organized from part of Empire township in 1907.
⁴ Mulberry township organized from part of Garfield township in 1907.
⁵ Incorporated in 1904.
⁶ Returned as Garden in 1900.
⁷ Incorporated in 1909.
⁸ Enterprise township organized from part of Dodge township in 1908.
⁹ Incorporated in 1908.

¹⁰ Incorporated in 1905.
¹¹ Gaeland township organized from parts of Gove and Grinnell townships in 1903.
¹² Incorporated in 1906.
¹³ County total includes population (264) of Howard and Thomas townships, annexed to Sullivan township; and population (150) of Sheridan township, annexed to Sherman township, between 1890 and 1900.
¹⁴ County total includes population (180) of Richland township, annexed to Hess township between 1890 and 1900.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Greenwood County	16,060	16,196	16,309	Harvey County—Continued.			
Bachelor township.....	779	742	688	Newton township.....	790	690	737
Eureka city.....	2,333	2,091	2,259	Pleasant township.....	608	699	729
Ward 1.....	788			Richland township.....	507	509	495
Ward 2.....	764			Sedgwick city.....	626	622	652
Ward 3.....	791			Sedgwick township.....	578	578	602
Eureka township.....	689	707	608	Walton township, including Walton city.....	865	680	798
Fall River township.....	953	961	1,081	Walton city.....	367	174	249
Janesville township, including Hamilton city.....	1,544	1,009	1,353	Haskell County	993	457	1,077
Hamilton city ¹	525			Dudley township.....	299	90	
Lane township.....	629	800	710	Haskell township.....	389	175	
Madison township, including Madison city.....	1,955	1,800	1,565	Lockport township.....	305	192	
Madison city.....	721	683	683	Hodgeman County	2,930	2,032	2,395
Otter Creek township.....	956	1,135	1,340	Benton township.....	89	71	67
Pleasant Grove township.....	545	603	640	Center township, including Jetmore city.....	681	512	624
Quincy township.....	886	962	877	Jetmore city.....	317	280	324
Salem township.....	254	279	1,010	Hallet township.....	161	124	122
Salt Springs township, including Fall River city.....	1,227	1,340	1,507	Marena township.....	735	465	450
Fall River city.....	333	371	464	North Roscoe township.....	161	127	227
Shell Rock township.....	697	632	649	Sawlog township.....	246	135	133
South Salem township.....	595	608		South Roscoe township.....	175	84	177
Spring Creek township.....	520	520	605	Sterling township.....	491	361	395
Twin Groves township, including Severy city.....	1,488	1,402	1,357	Valley township.....	191	153	200
Severy city.....	608	489	589	Jackson County	16,861	17,117	14,626
Hamilton County	3,360	1,426	2,027	Adrian township.....	468	536	424
Bear Creek township.....	422	113	142	Cedar township, ² including part of Denison city.....	912	1,289	1,001
Coolidge township, including Coolidge city.....	334	360	626	Denison city (part of).....	55		
Coolidge city.....	145	288	472	Total for Denison city ¹ in Cedar and Garfield townships.....	285		
Kendall township.....	231	134	248	Douglas township.....	1,425	1,476	1,283
Lamont township.....	495	28	(¹)	Franklin township.....	738	758	790
Liberty township.....	184	9	57	Garfield township, including part of Denison city.....	1,100	1,055	1,037
Medway township.....	290	91	(²)	Denison city (part of).....	260		
Richland township.....	159	33	130	Grant township.....	1,138	1,329	1,231
Syracuse township, including Syracuse city.....	1,335	658	454	Holton city.....	2,842	3,082	2,727
Syracuse city.....	1,128	460	524	Ward 1.....	778		
Harper County	14,748	10,310	13,266	Ward 2.....	1,118		
Anthony city.....	2,669	1,179	1,806	Ward 3.....	958		
Ward 1.....	927			Jefferson township, including Circleville city.....	1,129	1,114	1,130
Ward 2.....	425			Circleville city.....	285	223	215
Ward 3.....	680			Liberty township.....	647	771	714
Ward 4.....	637			Mayetta city ⁶	337		
Anthony township.....	862	736	840	Netawaka township, including Netawaka city.....	794	925	846
Atlica city.....	737	311	553	Netawaka city.....	250	330	267
Banner township.....	458	415	529	Soldier township, including Soldier city.....	1,104	1,209	975
Berlin township.....	318	204	323	Soldier city.....	558	302	195
Blaine township.....	515	324	388	Straight Creek township.....	620	617	696
Chicaska township.....	311	321	463	Washington township.....	935	841	641
Eagle township, including Waldron city.....	719	195	274	Whiting township, including Whiting city.....	1,058	1,104	1,131
Waldron city ³	262			Whiting city.....	426	384	381
Empire township.....	266	240	271	Pottawatomie Indian Reservation.....	1,614	1,011	
Garden township.....	285	236	297	Jefferson County	15,826	17,533	16,620
Grant township.....	497	402	461	Delaware township.....	1,562	1,757	1,679
Green township.....	383	244	328	Fairview township.....	692	773	777
Harper city.....	1,638	1,151	1,579	Jefferson township ⁴	1,240	1,862	1,569
Ward 1.....	451			Kaw township.....	768	832	785
Ward 2.....	559			Kentucky township.....	952	1,047	1,580
Ward 3.....	587			McLouth city.....	571	529	311
Ward 4.....	444			Meriden city.....	467	433	(¹⁰)
Harper township.....	425	472	632	Norton township.....	640	765	839
Lake township.....	322	402	502	Nortonville city.....	638	700	669
Lawn township.....	421	415	419	Oskaloosa city.....	851	978	773
Liberty township.....	355			Oskaloosa township.....	1,147	1,290	1,246
Odell township.....	572	530	688	Ozawie township.....	942	1,089	1,078
Pilot Knob township.....	457	433	537	Perry city.....	400	464	(⁹)
Ruella township.....	207	222	274	Rock Creek township.....	1,118	1,299	1,613
Silver Creek township, including Freeport city.....	581	481	621	Rural township.....	876	999	1,013
Freeport city.....	161	83	138	Sarcozie township.....	583	656	617
Spring township.....	637	576	407	Union township.....	794	952	911
Stohrville township, including Bluff city.....	1,113	815	1,084	Valley Falls city.....	1,129	1,078	1,180
Bluff city.....	307	200	194	Winchester city ⁵	456		
Harvey County	19,200	17,591	17,601	Jewell County	13,148	19,420	19,348
Alta township.....	570	636	616	Allen township.....	504	644	789
Burton city.....	689	627	696	Athens township.....	495	564	601
Burton township.....	455	509	388	Browns Creek township.....	512	569	594
Darlington township.....	500	539	612	Buffalo township, including Jewell city.....	1,511	1,482	1,393
Emma township.....	794	781	715	Jewell city.....	339	736	702
Garden township.....	543	636	719	Burr Oak township, including Burr Oak city.....	1,399	1,435	1,448
Halstead city.....	1,004	914	1,071	Burr Oak city.....	746	671	597
Halstead township.....	606	631	746	Calvin township.....	408	435	513
Highland township.....	564	553	611	Center township, including Mankato city.....	1,673	1,508	1,359
Lake township.....	549	516	476	Mankato city.....	1,166	890	800
Lakin township.....	502	654	621	Greenwood County	16,060	16,196	16,309
Macon township.....	588	603	713	Bachelor township.....	779	742	688
Newton city.....	7,862	6,208	5,605	Eureka city.....	2,333	2,091	2,259
Ward 1.....	2,213			Ward 1.....	788		
Ward 2.....	1,768			Ward 2.....	764		
Ward 3.....	1,661			Ward 3.....	791		
Ward 4.....	1,935						

¹ Incorporated in 1903.
² County total includes population (370) of Lamont and Medway townships, not returned separately in 1890.
³ Incorporated in 1908.
⁴ Liberty township organized from part of Lake township in 1900.
⁵ No comparison of population can be made; county redistricted between 1890 and 1900.

⁶ Mayetta city incorporated from part of Cedar township in 1902 and made independent in 1906.
⁷ Incorporated in 1904.
⁸ Winchester city incorporated from part of Jefferson township in 1903.
⁹ Perry city, in Kentucky township, not returned separately in 1890.
¹⁰ Meriden city, in Rock Creek township, not returned separately in 1890.

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
Jewell County—Continued.				Kiowa County.....			
Erving township.....	429	500	566	Brenham township.....	350	245	220
Esbon township, including Esbon city.....	932	870	797	Butler township.....	279	122	103
<i>Esbon city</i> ¹	347			Center township.....	224	101	109
Grant township, including Formoso city.....	1,092	924	828	Garfield township.....	223	79	121
<i>Formoso city</i> ²	453			Glick township.....	220	196	224
Harrison township.....	577	603	702	Greensburg city.....	1,199	343	515
Highland township.....	527	674	620	Haviland city ³	568		
Holmwood township.....	494	640	623	Kiowa township.....	218	100	76
Ionia township.....	707	787	684	Lincoln township.....	286	143	186
Jackson township.....	676	764	681	Martin township, including Mullinville city.....	900	299	365
Limestone township.....	728	815	761	<i>Mullinville city</i>	289	(?)	79
Montana township.....	568	650	772	Reeder township.....	239	68	77
Odesa township.....	472	519	588	Union township.....	222	12	88
Prairie township, including Randall city.....	893	890	773	Ursula township.....	483	111	164
<i>Randall city</i>	325	268	259	Valley township.....	261	37	133
Richland township.....	450	513	578	Wellsford township ⁴	502	509	492
Sinclair township.....	592	635	644				
Vicksburg township.....	536	650	716	Labette County.....			
Walnut township.....	804	849	787	Canada township.....	600	705	741
Washington township.....	551	734	628	Chetopa city.....	1,548	2,019	2,265
White Mound township.....	618	766	899	<i>Ward 1</i>	500		
				<i>Ward 2</i>	610		
Johnson County.....				<i>Ward 3</i>	488		
Aubry township.....	1,040	1,295	1,157	Elm Grove township, including Edna city.....	1,403	1,454	1,400
De Soto city ⁵	337			<i>Edna city</i>	489	374	321
Gardner township, including Gardner city.....	1,392	1,378	1,288	Fairview township.....	647	824	826
<i>Gardner city</i>	514	476		Hackberry township, including Bartlett city.....	1,149	1,220	1,184
Lenexa city ⁶	388			<i>Bartlett city</i> ⁷	249		
Lexington township ⁸	1,502	2,029	1,871	Howard township.....	878	827	828
McCamlsh township, including Edgerton city.....	1,125	1,160	1,249	Labette township.....	668	697	773
<i>Edgerton city</i>	445	510	521	Liberty township.....	885	938	861
Mission township.....	1,613	944		Montana township.....	684	697	838
Monticello township.....	1,257	1,430	1,437	Mound Valley township, including Mound Valley city.....	1,997	1,840	1,829
Olathe city.....	3,272	3,451	3,294	<i>Mound Valley city</i>	856	553	545
<i>Ward 1</i>	1,173			Mount Pleasant township, including Altamont city.....	1,262	1,255	1,230
<i>Ward 2</i>	869			<i>Altamont city</i>	606	546	454
<i>Ward 3</i>	1,125			Neosho township.....	516	515	621
Olathe township.....	1,512	1,432	1,495	North township.....	767	803	850
Oxford township.....	1,458	1,577	1,911	Osage township.....	1,305	1,488	1,588
Shawnee township ⁹	2,197	2,208	2,405	Oswego city.....	2,317	2,208	2,574
Springhill township, including Springhill city.....	1,200	1,200	1,180	<i>Ward 1</i>	853		
<i>Springhill city</i>	605	580	575	<i>Ward 2</i>	732		
				<i>Ward 3</i>	632		
Kearny County.....				Oswego township.....	499	493	660
Hartland township.....	373	116	301	Parsons city.....	12,463	7,682	6,736
Hibbard township.....	780	70	158	<i>Ward 1</i>	3,409		
Kendall township.....	361	108	186	<i>Ward 2</i>	2,584		
Lakin city.....	337	259	258	<i>Ward 3</i>	2,695		
Lakin township, including Deerfield city.....	1,044	364	362	<i>Ward 4</i>	3,855		
<i>Deerfield city</i> ¹⁰	152			Richland township.....	905	1,047	1,068
Southside township.....	311	190	128	Walton township.....	959	677	714
Kingman County.....				Lane County.....			
Allen township.....	267	261	324	Alamota township.....	264	154	182
Belmont township.....	390	325	349	Blaine township.....	268	218	299
Bennett township, including Norwich city.....	789	682	786	Cheyenne township.....	403	203	267
<i>Norwich city</i>	392	511	501	Cleveland township.....	152	57	101
Canton township.....	318	304	259	Dighton township, including Dighton city.....	646	419	518
Chikaskia township, including Spivey city.....	513	343	516	<i>Dighton city</i>	370	194	304
<i>Spivey city</i>	252	154	205	Spring Creek township.....	212	143	125
Dale township.....	414	363	328	Sutton township.....	143	78	109
Dresden township, including part of Cunningham city.....	561	377	372	White Rock township.....	245	168	291
<i>Cunningham city (part of)</i>	252			Wilson township.....	270	123	168
<i>Total for Cunningham city¹ in Dresden and Rural townships</i>	395						
Eagle township.....	474	346	359	Leavenworth County.....			
Eureka township.....	491	316	330	Alexandria township.....	1,053	1,177	1,108
Evan township.....	447	457	440	Delaware township.....	5,918	5,589	4,847
Galesburg township.....	456	534	578	Easton township, including Easton city.....	1,421	1,434	1,238
Hoosier township.....	524	491	396	<i>Easton city</i> ¹⁰	370		
Kingman city.....	2,570	1,785	2,390	Fairmount township.....	1,035	1,204	1,184
<i>Ward 1</i>	741			High Prairie township.....	1,195	1,325	1,285
<i>Ward 2</i>	825			Kickapoo township.....	5,786	3,510	3,427
<i>Ward 3</i>	659			Leavenworth city.....	19,363	20,735	19,768
<i>Ward 4</i>	547			<i>Ward 1</i>	2,014		
Kingman township.....	376	232	275	<i>Ward 2</i>	2,766		
Liberty township.....	493	224	292	<i>Ward 3</i>	3,017		
Ninnescah township.....	554	537	484	<i>Ward 4</i>	2,089		
Peters township.....	444	207	235	<i>Ward 5</i>	5,142		
Richland township.....	464	424	434	<i>Ward 6</i>	6,145		
Rochester township.....	583	379	348	Reno township.....	857	1,036	1,003
Rural township, including part of Cunningham city.....	531	387	455	Sherman township, including Linwood city.....	1,353	1,531	1,487
<i>Cunningham city (part of)</i>	143			<i>Linwood city</i>	324	549	306
Union township.....	314	277	345	Stranger township.....	963	1,160	1,102
Valley township.....	450	293	478	Tonganoxie city.....	1,018	848	673
Vinita township.....	379	433	411	Tonganoxie township.....	1,243	1,391	1,362
White township.....	584	686	639				

¹ Incorporated in 1904.
² Incorporated in 1901.
³ De Soto city incorporated from part of Lexington township in 1902.
⁴ Lenexa city incorporated from part of Shawnee township in 1907.
⁵ County total includes population (178) of Kearny township, annexed to Hibbard township between 1890 and 1900.

⁶ Incorporated in 1907.
⁷ Incorporated in 1908.
⁸ Haviland city incorporated from part of Wellsford township in 1906.
⁹ Not returned separately in 1900.
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
Lincoln County	10,142	9,888	9,709	Lyon County—Continued.			
Battle Creek township.....	350	347	411	Ivy township.....	622	654	498
Beaver township, including part of Lincoln city	518	431	293	Jackson township ⁶	1,372	1,872	1,845
Lincoln city (part of).....	208	132	.....	Neosho Rapids city ⁶	256	.....	.....
Total for Lincoln city in Beaver, Elkhorn, Indiana, and Marion townships.....	1,508	1,202	1,100	Olpe city ⁶	215	.....	.....
Cedron township.....	416	511	538	Pike township.....	915	1,103	1,002
Colorado township, including Beverly city.....	760	629	661	Reading township, including Reading city.....	990	1,094	948
Beverly city ¹	835	.....	.....	Reading city.....	289	304	.....
Elkhorn township, including part of Lincoln city.....	1,520	1,509	1,653	Waterloo township.....	857	941	942
Lincoln city (part of).....	998	910	1,100				
Franklin township.....	371	479	507	McPherson County	21,521	21,421	21,614
Golden Belt township.....	263	288	373	Battle Hill township.....	430	379	429
Grant township.....	434	432	486	Bonaville township.....	231	281	239
Hanover township.....	366	406	342	Canton township, including Canton city.....	1,198	1,034	1,050
Highland township.....	291	309	316	Canton city.....	684	493	480
Indiana township, including part of Lincoln city.....	637	618	543	Castle township, including Windom city.....	541	579	680
Lincoln city (part of).....	228	173	.....	Windom city.....	178	146	165
Logan township.....	304	302	400	Delmore township.....	405	437	504
Madison township.....	348	335	314	Empire township, including Galva city.....	904	929	947
Marion township, including part of Lincoln city.....	460	481	377	Galva city.....	322	300	255
Lincoln city (part of).....	74	47	.....	Groveland township.....	537	573	571
Orange township.....	414	502	504	Gypsum Creek township.....	647	557	591
Pleasant township, including Sylvan Grove city.....	839	721	455	Harper township.....	449	447	427
Sylvan Grove city.....	494	319	.....	Hayes township.....	545	625	590
Salt Creek township, including part of Barnard city.....	504	421	470	Jackson township.....	458	575	684
Barnard city (part of).....	115	.....	.....	King City township.....	500	523	581
Total for Barnard city ¹ in Salt Creek and Scott townships.....	425	.....	.....	Lindsborg city ⁷	1,939	1,279	968
Scott township, including part of Barnard city.....	659	460	488	Ward 1.....	608	.....	.....
Barnard city (part of).....	312	.....	.....	Ward 2.....	539	.....	.....
Valley township.....	243	219	236	Ward 3.....	515	.....	.....
Vesper township.....	445	376	342	Ward 4.....	277	.....	.....
				Little Valley township.....	616	687	496
Linn County	14,735	16,889	17,215	Lone Tree township.....	634	850	1,089
Blue Mound township, including Blue Mound city.....	1,465	1,691	1,732	McPherson city.....	3,546	2,996	3,172
Blue Mound city.....	698	738	689	Ward 1.....	1,290	.....	.....
Centerville township.....	1,500	1,696	1,662	Ward 2.....	813	.....	.....
Liberty township, including Parker city.....	1,616	1,615	1,423	Ward 3.....	778	.....	.....
Parker city.....	398	369	.....	Ward 4.....	660	.....	.....
Lincoln township, including Laocygne city.....	1,755	2,171	2,258	McPherson township.....	575	708	690
Laocygne city.....	867	1,037	1,135	Marquette township, including Marquette city.....	1,217	1,077	929
Mound City township, including Mound City.....	1,508	1,677	1,929	Marquette city.....	715	489	367
Mound City.....	698	809	838	Meridian township.....	606	634	765
Paris township.....	1,097	1,315	1,473	Mound township, including Moundridge city.....	1,249	1,266	1,150
Potosi township, including Pleasanton city.....	2,648	2,705	2,839	Moundridge city.....	689	557	445
Pleasanton city.....	1,373	1,087	1,139	New Gottland township.....	491	591	669
Scott township.....	930	1,120	1,216	Smoky Hill township ⁷	614	673	718
Sheridan township, including Prescott city.....	1,044	1,197	1,216	South Sharns Creek township.....	365	460	459
Prescott city.....	255	298	341	Spring Valley township.....	646	731	763
Stanton township.....	512	592	635	Superior township, including Inman city.....	1,171	1,158	1,001
Valley township.....	662	910	832	Inman city.....	484	352	.....
				Turkey Creek township.....	619	766	794
Logan County	4,240	1,962	3,384	Union township.....	488	628	579
Augustine township.....	175	76	156				
Elkader township.....	378	94	235	Marion County	22,415	20,676	20,539
Lees township.....	217	43	74	Blaine township ⁹	407	407	355
Logansport township.....	281	66	199	Burns city ¹⁰	489	.....	.....
McAlister township.....	264	88	295	Catlin township, including part of Peabody city.....	684	660	719
Monument township.....	434	295	429	Peabody city ¹¹ (part of).....	18	.....	.....
Oakley township, including Oakley city.....	1,172	709	565	Total for Peabody city ¹¹ in Catlin and Peabody townships.....	1,416	1,869	1,474
Oakley city.....	681	269	176	Center township.....	677	728	760
Paxton township.....	148	108	224	Clark township.....	635	645	482
Russell Springs township, including Russell Springs city.....	400	123	414	Clear Creek township.....	1,191	1,045	1,031
Russell Springs city.....	82	(²)	117	Collax township, including Ramona city.....	819	544	408
Western township.....	343	127	272	Ramona city ¹³	265	.....	.....
Winona township.....	428	234	521	Doyle township, including Florence city.....	1,685	1,463	1,549
				Florence city.....	1,163	1,173	1,229
Lyon County	24,927	25,074	23,196	Durham city ¹⁴	268	.....	.....
Agnes City township, including Allen city.....	1,607	1,619	1,406	Durham Park township ¹²	529	638	707
Allen city ¹	286	.....	.....	East Branch township.....	537	562	572
Americus township, including Americus city.....	1,859	1,923	1,857	Fairplay township.....	548	485	523
Americus city.....	451	332	393	Gale township.....	652	656	722
Center township ⁴	1,447	1,539	1,428	Grant township.....	681	610	675
Elmendaro township, including Hartford city.....	2,192	2,472	2,197	Lehigh city ¹⁴	335	1,114	890
Hartford city.....	639	555	441	Lehigh township.....	568	1,033	1,118
Emporia city ⁵	9,058	8,223	7,551	Logan township.....	536	511	563
Ward 1.....	2,216	.....	.....	Lost Springs city ¹⁵	276	.....	.....
Ward 2.....	2,124	.....	.....	Lost Springs township ¹⁵	596	761	558
Ward 3.....	2,729	.....	.....	Marion city.....	1,841	1,524	2,047
Ward 4.....	1,679	.....	.....	Ward 1.....	437	.....	.....
Emporia township ⁵	2,445	2,395	2,374	Ward 2.....	677	.....	.....
Fremont township.....	1,092	1,189	1,148	Ward 3.....	344	.....	.....
				Ward 4.....	335	.....	.....
				Menno township.....	777	795	799
				Milton township ¹⁰	209	496	432
				Moore township.....	309	292	.....
				Peabody township, including part of Peabody city.....	1,963	1,920	2,118
				Peabody city (part of).....	1,404	1,369	1,474

¹ Incorporated in 1904.
² Not returned separately in 1900.
³ Incorporated in 1903.
⁴ Olpe city incorporated from part of Center township in 1905.
⁵ Part of Emporia township annexed to Emporia city in 1903.
⁶ Neosho Rapids city incorporated from part of Jackson township in 1903.
⁷ Lindsborg city made independent of Smoky Hill township in 1905.
⁸ Exclusive of population of Lindsborg city.
⁹ Part taken to form Tampa city in 1908.
¹⁰ Burns city incorporated from part of Milton township in 1905.
¹¹ Returned in 1900 as in Peabody township only.
¹² Incorporated in 1910.
¹³ Durham city incorporated from part of Durham Park township in 1906.
¹⁴ Lehigh city incorporated from part of Lehigh township in 1901.
¹⁵ Lost Springs city incorporated from part of Lost Springs township in 1904.

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
Marion County—Continued.				Mitchell County.....			
Risley township, including Hillsboro city.....	1,906	1,530	1,406	Asherville township.....	602	724	702
Hillsboro city.....	1,134	764	656	Beloit city.....	3,082	2,359	2,455
Summit township.....	469	401	488	Ward 1.....	834		
Tampa city ¹	256			Ward 2.....	1,018		
West Branch township.....	853	883	766	Ward 3.....	1,230		
Wilson township.....	793	775	851	Beloit township.....	920	1,234	1,004
				Bloomfield township.....	461	557	571
Marshall County.....				Blue Hill township.....	354	383	422
Balderson township.....	595	710	773	Carr Creek township.....	432	390	426
Blue Rapids township, including Irving city.....	1,180	1,366	1,378	Cawker township, including Cawker city.....	1,373	1,308	1,490
Irving city.....	409	366	376	Cawker city.....	870	810	888
Blue Rapids City township, including Blue Rapids city.....	2,225	1,001	1,477	Ward 1.....	161		
Blue Rapids city.....	1,756	1,100	836	Ward 2.....	257		
Center township.....	565	564	717	Ward 3.....	178		
Clear Fork township.....	779	1,005	1,014	Ward 4.....	284		
Cleveland township.....	554	513	360	Center township.....	362	401	471
Cottage Hill township.....	495	610	619	Custer township.....	345	423	443
Elm Creek township.....	515	597	586	Eureka township.....	291	326	393
Franklin township.....	801	815	819	Glen Elder township, including Glen Elder city.....	1,063	1,179	1,070
Guitard township, including Beattie city.....	996	1,207	1,210	Glen Elder city.....	566	481	407
Beattie city.....	497	633	648	Hayes township.....	493	488	463
Herkimer township.....	634	647	693	Logan township, including Simpson city.....	602	677	677
Logan township.....	736	773	840	Simpson city.....	211		
Marysville city.....	2,260	2,006	1,913	Lulu township, including Scottsville city.....	685	687	796
Ward 1.....	761			Scottsville city.....	243		
Ward 2.....	749			Pittsburg township.....	549	571	565
Ward 3.....	342			Plum Creek township.....	422	500	560
Ward 4.....	408			Round Springs township.....	204	247	220
Marysville township.....	744	651	656	Salt Creek township.....	317	358	370
Murray township, including Axtell city.....	1,634	1,730	1,615	Solomon Rapids township.....	451	528	574
Axtell city.....	743	851	643	Turkey Creek township.....	532	647	675
Noble township, including Vermilion city.....	1,368	1,554	1,057	Walnut Creek township.....	549	560	690
Vermilion city.....	369	322					
Oketo township, including Oketo city.....	832	988	1,104	Montgomery County.....			
Oketo city.....	263	347		Caney city.....	3,597	887	542
Richland township, including part of Summerfield city.....	829	925	795	Ward 1.....	681		
Summerfield city (part of).....	193	192	102	Ward 2.....	1,218		
Total for Summerfield city in Richland and St. Bridget townships.....	554	505	102	Ward 3.....	748		
Rock township.....	590	654	712	Ward 4.....	360		
St. Bridget township, including part of Summerfield city.....	938	980	889	Caney township, including Havana city and part of Tyro city.....	2,359	1,348	1,425
Summerfield city (part of).....	366	313		Havana city.....	227		
Vermilion township, including Frankfort city.....	2,090	1,933	1,936	Tyro city (part of).....	368		
Frankfort city.....	1,428	1,167	1,053	Total for Tyro city in Caney and Fawn Creek townships.....	605		
Walnut township.....	570	628	720	Cherokee township.....	1,015	870	735
Waterville township, including Waterville city.....	1,288	1,200	1,265	Cherry township.....	1,119	1,089	940
Waterville city.....	704	610	577	Cherryvale city.....	4,304	3,472	2,104
Wells township.....	634	698	764	Ward 1.....	566		
				Ward 2.....	1,476		
Meade County.....				Ward 3.....	1,292		
Cimarron township.....	372	53	134	Ward 4.....	372		
Crooked Creek township.....	268	160	172	Coffeyville city.....	12,687	4,953	2,282
Fowler township, including Fowler city.....	1,079	253	419	Ward 1.....	2,069		
Fowler city.....	473			Ward 2.....	4,299		
Logan township.....	448	134	205	Ward 3.....	2,638		
Meade Center township, including Meade city.....	1,072	500	705	Ward 4.....	1,568		
Meade city.....	664	326	467	Ward 5.....	2,115		
Merfilla township.....	260	70	72	Drum Creek township.....	966	867	855
Odee township.....	428	135	183	Fawn Creek township, including Dearing city and part of Tyro city.....	2,376	1,393	1,422
Sand Creek township.....	411	139	217	Dearing city.....	250		
West Plains township, including West Plains city.....	717	137	279	Tyro city (part of).....	235		
West Plains city.....	333	(*)	62	Independence city.....	10,480	4,851	3,127
				Ward 1.....	1,412		
Miami County.....				Ward 2.....	1,960		
Marysville township.....	1,352	1,535	1,597	Ward 3.....	2,603		
Miami township.....	811	913	961	Ward 4.....	2,400		
Middle Creek township.....	1,136	1,342	1,233	Ward 5.....	2,106		
Mound township.....	731	745	736	Independence township.....	2,004	1,697	1,859
Osage township, including Fontana city.....	946	1,171	1,193	Liberty township, including Liberty city.....	1,141	1,111	1,211
Fontana city.....	248	257		Liberty city.....	356		344
Ossawatimie city.....	4,046	4,191	2,662	Louisburg township, including Elk city.....	1,974	1,993	2,206
Ward 1.....	1,906			Elk city.....	669	709	796
Ward 2.....	363			Parker township.....	1,693	1,175	857
Ward 3.....	643			Rutland township.....	1,055	1,203	1,261
Ward 4.....	1,134			Sycamore township.....	2,221	1,391	1,481
Ossawatimie township.....	911	930	856	West Cherry township.....	583	739	807
Paola city.....	3,207	3,144	2,943				
Ward 1.....	677			Morris County.....			
Ward 2.....	943			Clarks Creek township.....	587	475	467
Ward 3.....	953			Council Grove city.....	2,545	2,285	2,211
Ward 4.....	629			Ward 1.....	1,143		
Paola township.....	744	785	762	Ward 2.....	930		
Richland township.....	1,211	1,474	1,370	Ward 3.....	472		
Stanton township.....	827	809	777	Council Grove township.....	424	445	487
Sugar Creek township.....	726	986	777	Diamond Valley township.....	777	698	523
Ten Mile township.....	1,006	1,032	938	Dunlap city.....	333	400	408
Valley township.....	904	993	993	Elm Creek township.....	1,251	1,049	1,060
Wea township, including Louisburg city.....	1,577	1,642	1,706	Four Mile township.....	316	351	314
Louisburg city.....	603	663	760	Garfield township.....	486	595	637
				Grandview township.....	823	596	573
				Highland township.....	463	429	407
				Neosho township.....	623	727	693

¹ Incorporated from part of Blaine township in 1908.
² County total includes population (106) of Eden township, annexed to Crooked Creek and Merfilla townships between 1890 and 1900.
³ Incorporated in 1908.
⁴ Not returned separately in 1900.
⁵ Incorporated in 1907.

⁶ Caney city made independent of Caney township in 1905.
⁷ Exclusive of population of Caney city.
⁸ Incorporated in 1910.
⁹ Incorporated in 1906.
¹⁰ Incorporated 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
Morris County—Continued.				Norton County.....			
Ohio township, including Dwight city.....	884	879	734	Aldine township.....	299	408	324
<i>Dwight city</i> ¹	298			Almelo township.....	267	262	254
Parker township, including Parkerville city.....	871	863	860	Almena city.....	702	491	366
<i>Parkerville city</i>	157	148	202	Almena township.....	564	820	729
Rolling Prairie township, including White city.....	1,081	1,152	999	Belle Plaine township.....	381	267	266
<i>White city</i>	606	532	391	Center township.....	600	667	688
Valley township.....	413	519	519	Clayton township ¹²	171		
Warren township.....	510	524	484	Crystal township.....	276	390	411
Morton County.....				Osage County.....			
	1,333	804	724	Agency township, including Quenemo city.....	1,151	1,337	1,388
Cimarron township.....	727	79		<i>Quenemo city</i>	556	682	649
Richfield township, including Richfield city.....	259	127		Arvonia township.....	527	722	770
<i>Richfield city</i> ¹	53	61	164	Barelay township.....	681	877	721
Taloga township.....	347	98		Burlingame township, including Burlingame city.....	2,808	2,988	2,942
Nemaha County.....				Osborne County.....			
	19,072	20,378	19,249		12,827	11,844	12,068
Adams township.....	657	689	609	Bethany township, including Fortis city.....	712	625	619
Berwick township.....	741	821	826	<i>Fortis city</i> ¹⁴	304		
Caploma township.....	717	811	797	Bloom township.....	514	559	604
Center township.....	629			Corinth township.....	408	403	462
Clear Creek township.....	541	900	805	Covert township.....	310	307	369
Gilman township, including Oneida city.....	868	951	981	Delbi township.....	459	629	567
<i>Oneida city</i>	211	279	311	Grant township.....	337	362	439
Granada township.....	697	693	714	Hancock township.....	304	304	341
Harrison township, including Goffs city.....	1,182	1,213	970	Hawkeye township.....	361	415	518
<i>Goffs city</i>	422	365		Independence township.....	269	276	340
Home township, including Centralia city.....	1,266	1,610	1,384	Jackson township.....	457	531	449
<i>Centralia city</i>	665	655	534	Kill Creek township.....	276	307	325
Illinois township, including Corning city.....	1,103	1,095	929	Lawrence township.....	327	346	411
<i>Corning city</i>	411	425	291	Liberty township.....	241	278	199
Marion township.....	690	875	867	Mount Ayr township.....	336	380	437
Mitchell township.....	701	816	713	Natoma township, including Natoma city.....	684	800	141
Nemaha township.....	473	653	659	<i>Natoma city</i> ¹	407		
Neuchatel township.....	528	652	631	Osborne city.....	1,566	1,075	1,174
Red Vermillion township.....	537	605	627	<i>Ward 1</i>	545		
Relly township.....	608	703	612	<i>Ward 2</i>	549		
Richmond township.....	845	922	914	<i>Ward 3</i>	475		
Rock Creek township.....	692	734	710	<i>Ward 4</i>	484		
Sabetha city.....	1,768	1,646	1,368	Ridgeway township, including Carbondale city.....	1,117	1,447	1,720
<i>Ward 1</i>	588			<i>Carbondale city</i>	461	625	847
<i>Ward 2</i>	315			Scranton township, including Scranton city.....	1,611	2,218	2,451
<i>Ward 3</i>	516			<i>Scranton city</i>	770	1,099	1,672
<i>Ward 4</i>	549			Superior township.....	854	1,103	1,544
Seneca city.....	1,806	1,846	2,032	Valley Brook township, including Lyndon city.....	1,449	1,790	1,855
<i>Ward 1</i>	490			<i>Lyndon city</i>	763	1,004	936
<i>Ward 2</i>	532			Osborne County.....			
<i>Ward 3</i>	754				12,827	11,844	12,068
Washington township.....	861	1,002	1,000	Bethany township, including Fortis city.....	712	625	619
Wetmore township, including Wetmore city.....	1,162	1,139	1,101	<i>Fortis city</i> ¹⁴	304		
<i>Wetmore city</i>	483	454	522	Bloom township.....	514	559	604
Neosho County.....				Osborne County.....			
	23,754	19,254	18,561	Corinth township.....	408	403	462
Big Creek township.....	916	987	1,070	Covert township.....	310	307	369
Canville township.....	1,035	1,086	1,103	Delbi township.....	459	629	567
Centerville township.....	843	1,068	1,118	Grant township.....	337	362	439
Chanute city.....	9,272	4,208	2,826	Hancock township.....	304	304	341
<i>Ward 1</i>	1,009			Hawkeye township.....	361	415	518
<i>Ward 2</i>	2,516			Independence township.....	269	276	340
<i>Ward 3</i>	1,968			Jackson township.....	457	531	449
<i>Ward 4</i>	3,884			Kill Creek township.....	276	307	325
Chetopa township, including Thayer city.....	1,467	1,579	1,499	Lawrence township.....	327	346	411
<i>Thayer city</i>	542	642	644	Liberty township.....	241	278	199
Erie township, including Erie city.....	2,328	2,221	2,296	Mount Ayr township.....	336	380	437
<i>Erie city</i>	1,800	1,111	1,176	Natoma township, including Natoma city.....	684	800	141
Galesburg city.....	183			<i>Natoma city</i> ¹	407		
Grant township.....	890	1,271	1,351	Osborne city.....	1,566	1,075	1,174
Ladore township.....	865	975	1,045	<i>Ward 1</i>	545		
Lincoln township.....	849	920	1,018	<i>Ward 2</i>	549		
Mission township, including St. Paul city.....	1,769	1,944	2,152	<i>Ward 3</i>	475		
<i>St. Paul city</i>	927	1,047	1,097	Penn township.....	448	559	552
Shiloh township.....	846	975	1,002	Ross township, including Downs city.....	2,013	1,526	1,569
Stark city.....	191			<i>Downs city</i>	1,427	838	858
Tloga township.....	1,265	1,026	994	Osborne County.....			
Walnut Grove township.....	935	994	1,087		12,827	11,844	12,068
Ness County.....				Osborne County.....			
	5,883	4,535	4,944	Bethany township, including Fortis city.....	712	625	619
Bazina township.....	637	571	563	<i>Fortis city</i> ¹⁴	304		
Center township, including Ness city.....	893	637	999	Bloom township.....	514	559	604
<i>Ness city</i>	718	505	889	Corinth township.....	408	403	462
Edan township.....	321	235	252	Covert township.....	310	307	369
Forrester township.....	257	229	187	Delbi township.....	459	629	567
Franklin township.....	444	455	513	Grant township.....	337	362	439
Highpoint township.....	513	361	399	Hancock township.....	304	304	341
Johnson township.....	203	143	247	Hawkeye township.....	361	415	518
Nevada township, including Ransom city.....	908	686	600	Independence township.....	269	276	340
<i>Ransom city</i> ¹	804			Jackson township.....	457	531	449
Ohio township.....	883	490	410	Kill Creek township.....	276	307	325
Waring township.....	824	728	774	Lawrence township.....	327	346	411

¹ Incorporated in 1905.
² No comparison of population can be made; county redistricted between 1890 and 1900.
³ Organized from parts of Home and Marion townships in 1903.
⁴ Part annexed to Marion township in 1905.
⁵ Part taken to form part of Center township in 1903.
⁶ Part taken to form part of Center township in 1903; part of Clear Creek township annexed in 1905.

⁷ Part of Richmond township annexed to Seneca city in 1910.
⁸ Sabetha city made independent of Rock Creek township in 1907.
⁹ Exclusive of population of Sabetha city.
¹⁰ Galesburg city incorporated from part of Centerville township in 1906.
¹¹ Stark city incorporated from part of Grant township in 1910.
¹² Clayton township organized from part of Leota township in 1901.
¹³ Incorporated in 1907.
¹⁴ 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
Osborne County—Continued.				Phillips County—Continued.			
Round Mound township.....	349	323	264	Summer township.....	458	498	415
Sumner township, including Alton city.....	987	758	853	Towanda township.....	291	281	208
Alton city.....	414	287	338	Valley township.....	283	341	280
Tilden township.....	472	484	512	Walnut township.....	380	428	328
Valley township.....	302	383	338				
Victor township.....	378	331	317				
Winfield township.....	247	323	323				
				Pottawatomie County.....	17,622	18,470	17,728
Ottawa County.....				Belvue township.....	761	863	784
	11,811	11,182	12,581	Blue township.....	673	637	730
Bennington township, including Bennington city.....	757	799	800	Blue Valley township.....	852	814	882
Bennington city.....	380	389	390	Center township.....	365	458	427
Blaine township.....	404	396	437	Clear Creek township.....	549	581	844
Buckeye township.....	385	372	419	Emmett township.....	485	381	344
Center township.....	343	289	394	Grant township, including Havensville city.....	885	989	750
Chapman township.....	429	422	506	Havensville city.....	412	437	.....
Concord township.....	444	435	498	Green township.....	573	662	635
Culver township, including Culver city.....	800	667	635	Lincoln township.....	354	400	433
Culver city.....	326	.....	.....	Lone Tree township.....	759	749	530
Durham township.....	169	184	256	Louisville township, including Louisville city.....	887	973	980
Fountain township.....	603	620	653	Louisville city.....	246	336	368
Garfield township.....	468	483	518	Mill Creek township, including Onaga city.....	1,402	1,221	1,078
Grant township.....	336	275	405	Onaga city.....	769	598	423
Henry township.....	223	270	382	Pottawatomie township.....	774	915	955
Lincoln township.....	553	468	555	Rock Creek township, including Westmoreland city.....	915	1,008	938
Logan township.....	506	522	663	Westmoreland city.....	484	680	478
Minneapolis city.....	1,895	1,727	1,756	St. Clare township.....	205	347	339
Morton township, including Tescott city.....	885	672	697	St. George township.....	681	561	544
Tescott city.....	481	.....	.....	St. Marys township, including St. Marys city.....	2,029	2,155	2,163
Ottawa township.....	269	275	390	St. Marys city.....	1,397	1,390	1,174
Richard township.....	349	339	417	Shannon township.....	588	670	520
Sheridan township, including Delphos city.....	1,250	1,122	1,146	Sherman township.....	396	504	540
Delphos city.....	767	648	661	Spring Creek township.....	325	366	427
Sherman township.....	364	411	544	Union township.....	506	596	628
Stanton township.....	379	434	510	Vienna township.....	321	369	346
				Warnego township, including Warnego city.....	2,237	2,111	1,905
				Warnego city.....	1,714	1,618	1,478
Pawnee County.....				Pratt County.....			
	8,859	5,084	5,204		11,158	7,085	8,118
Ash Valley township.....	229	163	180	Banner township, including part of Cullison city.....	399	256	281
Browns Grove township.....	471	300	265	Cullison city (part of).....	105	.....	.....
Conkling township.....	213	76	67	Total for Cullison city in Banner and Richard townships.....	286	.....	.....
Garfield township, including Garfield city.....	880	483	389	Carmel township.....	464	895	379
Garfield city.....	533	.....	.....	Center township.....	534	280	310
Grant township.....	606	202	177	Elm township.....	303	288	315
Keysville township.....	388	177	155	Gove township.....	386	192	277
Larned city.....	2,911	1,583	1,861	Grant township, including Coats city.....	497	386	345
Ward 1.....	749	.....	.....	Coats city.....	869	.....	.....
Ward 2.....	991	.....	.....	Haynesville township, including Preston city.....	639	723	778
Ward 3.....	799	.....	.....	Preston city.....	878	.....	.....
Ward 4.....	449	.....	.....	Iuka township, ⁹ including Iuka city.....	818	784	815
Larned township.....	587	474	495	Iuka city.....	228	.....	.....
Logan township.....	304	194	172	Lincoln township.....	435	.....	.....
Pawnee township.....	517	264	319	Logan township.....	322	246	278
Pleasant Ridge township.....	268	208	179	McClelland township.....	447	199	318
Pleasant Valley township.....	505	440	439	McPherson township.....	346	369	421
River township.....	371	305	279	Naron township.....	389	543	540
Valley Center township.....	284	.....	.....	Paxon township.....	512	343	404
Walnut township.....	325	213	227	Pratt city.....	3,302	1,213	1,418
				Richard township, including part of Cullison city.....	383	313	307
Phillips County.....				Cullison city (part of).....	161	.....	.....
	14,150	14,442	13,661	Saratoga township.....	148	107	234
Arcade township.....	447	531	547	Springvale township.....	285	199	194
Beaver township.....	431	556	414	Valley township.....	547	309	509
Belmont township.....	534	458	410				
Bow Creek township.....	355	389	372	Rawlins County.....			
Crystal township.....	425	525	516		6,380	5,241	6,768
Dayton township.....	346	513	426	Achilles township.....	339	306	217
Deer Creek township.....	401	493	499	Arbor township.....	133	135	171
Freedom township.....	413	491	385	Atwood township, including Atwood city.....	944	695	667
Glenwood township.....	485	422	328	Atwood city.....	680	488	460
Granite township.....	602	691	592	Beaver township.....	166	216	246
Greenwood township.....	387	426	471	Burntwood township.....	471	300	648
Kirwin township, including Kirwin city.....	1,024	1,007	1,180	Cella township.....	585	282	527
Kirwin city.....	626	.....	.....	Clinton township.....	289	347	359
Logan township, including Logan city.....	1,026	763	701	Driftwood township.....	411	391	585
Logan city.....	714	449	560	Elk township.....	194	206	.....
Long Island township, including Long Island city.....	902	1,007	877	Grant township.....	120	115	181
Long Island city.....	291	.....	.....	Herndon township, including Herndon city.....	718	542	644
Mound township.....	436	462	539	Herndon city.....	273	.....	.....
Phillipsburg city.....	1,302	1,008	992	Jefferson township.....	168	156	211
Phillipsburg township.....	557	494	641	Laing township.....	290	248	280
Plainview township.....	255	265	173	Logan township.....	174	138	327
Plum township, including Agra city.....	846	819	705	Ludell township.....	310	314	506
Agra city.....	347	.....	.....	Mikesell township.....	159	108	121
Prairie View township, including Prairie View city.....	698	627	656	Mirage township.....	214	163	264
Prairie View city.....	191	.....	.....	Richland township.....	295	302	383
Rushville township.....	326	335	327	Rotata township.....	258	120	230
Solomon township.....	540	609	679	Union township.....	142	157	199

¹ Incorporated in 1909.
² Incorporated in 1905.
³ Incorporated in 1910.
⁴ Valley Center township organized from part of Pleasant Valley township in 1903.
⁵ Incorporated in 1904.

⁶ Phillipsburg city made independent of Phillipsburg township in 1907.
⁷ Exclusive of population of Phillipsburg city.
⁸ Incorporated in 1906.
⁹ Lincoln township organized from parts of Iuka and Naron townships in 1909.
¹⁰ 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
Reno County.....				Rice County—Continued.			
Reno County.....	37,553	29,027	27,079	Lyons city.....	2,071	1,736	1,754
Albion township, including Pretty Prairie city.....	844	726	540	Ward 1.....	621		
<i>Pretty Prairie city</i> ¹	327			Ward 2.....	398		
Arlington city.....	450	312	745	Ward 3.....	540		
Arlington township.....	338	331		Ward 4.....	642		
Bell township.....	420	450	481	Mitchell township.....	503	502	552
Castleton township.....	606	523	448	Pioneer township.....	437	463	565
Center township, including Partridge city.....	676	690	592	Raymond township.....	409	798	904
<i>Partridge city</i> ²	249			Rockville township.....	409	454	343
Clay township.....	754	647	553	Starling township, including Starling city.....	2,312	2,671	2,522
Enterprise township.....	444	517	484	<i>Starling city</i> ³	2,133	2,002	1,841
Grant township.....	403	584	579	Union township, including Little River city.....	1,568	1,454	1,196
Grove township.....	456	451	1,022	<i>Little River city</i> ⁴	681	1,457	340
Haven township, including Haven city.....	1,679	1,369	1,248	Valley township.....	713	605	592
<i>Haven city</i> ⁵	623			Victoria township, including Genesee city.....	1,135	1,042	1,072
Hayes township.....	632	621	595	<i>Genesee city</i> ⁶	668	486	399
Huntsville township.....	521	554	482	Washington township.....	663	691	658
Hutchinson city.....	16,384	9,379	8,682	Wilson township.....	544	516	487
Ward 1.....	5,284						
Ward 2.....	2,760			Riley County.....			
Ward 3.....	1,964			Riley County.....	15,763	13,828	13,183
Ward 4.....	2,160			Ashland township.....			
Ward 5.....	3,003			Bala township, including Leonardville city.....	249	264	281
Ward 6.....	3,193			<i>Leonardville city</i> ⁷	1,083	1,200	1,326
Langdon township.....	643	568	456	Center township.....	373	355	410
Lincoln township.....	997	951	861	Fancy Creek township.....	426	491	496
Little River township.....	983	985	639	Grant township.....	442	496	549
Loda township.....	439	516	541	Jackson township, including Randolph city.....	508	478	529
Medford township.....	462	483	555	<i>Randolph city</i> ⁸	899	913	861
Medora township.....	422	394	306	Madison township.....	455	372	308
Miami township, including Turon city.....	967	694		Manhattan township.....	847	1,145	1,027
<i>Turon city</i> ⁹	572			Manhattan city.....	5,722	3,438	3,004
Nickerson city.....	1,195	1,038	1,602	Ward 1.....	363		
Ward 1.....	388			Ward 2.....	1,853		
Ward 2.....	390			Ward 3.....	2,085		
Ward 3.....	417			Ward 4.....	1,421		
Ninnescah township.....	327	353	348	Manhattan township.....	1,127	1,190	995
Plevna township.....	575	506	314	Mayday township.....	487	515	570
Reno township.....	727	604	504	Ogden township, including Ogden city.....	1,060	1,050	978
Roscoe township.....	372	338	344	<i>Ogden city</i> ¹⁰	280	232	173
Salt Creek township.....	717	734	780	Riley city.....	343		
South Hutchinson city.....	387	225	321	Sherman township.....	490	595	588
Summer township.....	486	471	401	Swede Creek township.....	784	780	797
Sylvia city.....	634	220	205	Wild Cat township.....	686	631	595
Sylvia township.....	464	383	328	Zeandale township.....	630	642	587
Troy township.....	339	282	249				
Valley township.....	924	937	843	Rooks County.....			
Walnut township.....	551	703	580	Rooks County.....	11,222	7,960	8,018
Westminster township.....	656	508	416	Alcona township.....	320	146	120
				Ash Rock township.....	370	436	401
Republic County.....				Belmont township.....	615	348	330
Republic County.....	17,447	13,248	19,002	Bow Creek township.....	269	275	198
Albion township, including Narka city.....	906	965	868	Corning township.....	206	261	300
<i>Narka city</i> ¹¹	278	268		Farmington township.....	303	258	246
Beaver township.....	665	612	640	Greenfield township.....	209	163	235
Belleville city.....	2,224	1,833	1,868	Hobart township.....	201	180	203
Ward 1.....	1,053			Iowa township.....	312	213	327
Ward 2.....	800			Lanark township.....	267	283	271
Ward 3.....	391			Logan township.....	558	386	425
Belleville township.....	701	658	721	Lowell township, including Woodston city.....	634	489	531
Big Bend township, including Republic city.....	1,087	1,013	1,094	<i>Woodston city</i> ¹²	299		
<i>Republic city</i> ¹³	450	241	225	Medicine township.....	304	219	236
Courtland township, including Courtland city.....	1,082	990	961	Northampton township, including Palco city.....	535	309	309
<i>Courtland city</i> ¹⁴	454	286	267	<i>Palco city</i> ¹⁵	279		
Elk Creek township.....	706	757	784	Paradise township.....	750	502	490
Fairview township, including Munden city.....	894	894	858	Plainville city.....	1,090	378	347
<i>Munden city</i> ¹⁶	276			Plainville township.....	641	549	626
Farmington township.....	566	753	845	Richland township.....	470	197	193
Freedom township.....	684	667	734	Rush township.....	283	212	208
Grant township.....	793	800	903	Stockton city.....	1,317	1,030	880
Jefferson township.....	591	649	725	Stockton township.....	320	270	260
Liberty township.....	656	747	755	Sugar Loaf township.....	332	282	172
Lincoln township.....	529	709	756	Twin Mound township.....	359	284	367
Norway township.....	642	728	696	Walton township.....	527	330	345
Richland township, including Cuba city.....	1,091	1,322	1,321				
<i>Cuba city</i> ¹⁷	439	445	416	Rush County.....			
Rosa Creek township.....	708	738	818	Rush County.....	7,826	6,134	5,304
Scandia township, including Scandia city.....	1,209	1,297	1,394	Alexander township.....	265	186	212
<i>Scandia city</i> ¹⁸	579	598	653	Banner township.....	459	340	243
Union township.....	664	740	836	Belle Prairie township.....	458	213	201
Washington township.....	637	776	783	Big Timber township.....	582	492	428
White Rock township.....	523	602	654	Brookdale township.....	258	290	310
				Center township.....	595	310	350
Rice County.....				Fairview township.....	340	316	269
Rice County.....	15,106	14,745	14,451	Garfield township.....	448	385	312
Atlanta township.....	472	508	679	Hampton township.....	300	292	309
Center township.....	484	507	588	Illinois township.....	452	411	256
Eureka township, including Frederiek city.....	478	602	542	La Crosse city.....	806	536	513
<i>Frederiek city</i> ¹⁹	151			La Crosse township.....	310	261	214
Farmer township, including Bushton city.....	604	636	721	Lone Star township.....	720	552	384
<i>Bushton city</i> ²⁰	222			McCracken city.....	371	312	281
Galt township.....	412	453	431	Pioneer township.....	701	603	489
Harrison township.....	419	419		Pleasantdale township.....	451	446	292
Lincoln township, including Chasa city.....	675	688	847	Union township.....	330	219	141
<i>Chasa city</i> ²¹	222						

¹ Incorporated in 1907.
² Not returned separately in 1890.
³ Incorporated in 1906.
⁴ Incorporated in 1901.
⁵ Incorporated in 1908.

⁶ Incorporated in 1903.
⁷ Incorporated in 1909.
⁸ Incorporated in 1902.
⁹ Riley city incorporated from part of Madison township in 1903.

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
Russell County	10,800	8,489	7,333	Sedgwick County—Continued.			
Big Creek township.....	798	593	480	Ohio township.....	527	492	555
Center township, including Bunkerhill city.....	1,442	1,133	1,170	Park township.....	723	818	824
<i>Bunkerhill city</i>	842	(¹)	167	Payne township.....	582	709	708
Fairfield township.....	309	260	228	Rockford township, including El Paso city and			
Fairview township, ² including Lucas city.....	1,110	2,024	1,563	part of Mulvane city.....	1,250	1,154	1,137
<i>Lucas city</i>	873	877		<i>El Paso city</i> ⁷ (<i>Derby P. O.</i>).....	255		
Grant township ³	553			<i>Mulvane city</i> (part of).....	427	239	232
Lincoln township ⁴	431	1,088	709	Total for <i>Mulvane city</i> in <i>Rockford township</i> ,			
Luray township, ² including Luray city.....	956			<i>Sedgwick County</i> , and <i>Gore township</i> ,			
<i>Luray city</i> ⁴	541			<i>Summer County</i>	1,084	667	724
Paradise township.....	975	580	637	Salem township.....	644	733	745
Plymouth township, including Dorrance city.....	1,116	1,134	1,096	Sherman township, including Andale city.....	870	850	790
<i>Dorrance city</i> ⁵	281			<i>Andale city</i> ⁸	237		
Russell township, including Russell city.....	2,001	1,332	1,159	Union township, including Colwich city.....	880	832	931
<i>Russell city</i>	1,692	1,143	961	<i>Colwich city</i>	253	225	212
Waldo township ²	804			Valley Center township, including part of Val-			
Winterset township.....	305	345	291	ley Center city (part of).....	992	996	1,006
				<i>Valley Center city</i> (part of).....	559	312	167
				Viola township, including Viola city.....	517	510	537
				<i>Viola city</i> ⁹	166		
Saline County	20,338	17,076	17,442	Waco township.....	1,139	1,080	1,028
Cambria township.....	613	744	725	Wichita city ¹⁰	52,450	24,671	23,853
Dayton township.....	401	495	436	<i>Ward 1</i>	9,008		
Elm Creek township.....	473	555	564	<i>Ward 2</i>	8,899		
Eureka township, including Gypsum city.....	1,085	1,004	974	<i>Ward 3</i>	5,681		
<i>Gypsum city</i>	623	552	550	<i>Ward 4</i>	11,732		
Faun township.....	534	603	595	<i>Ward 5</i>	6,815		
Glendale township.....	327	288	315	<i>Ward 6</i>	7,275		
Greeley township.....	576	617	597	Wichita township ¹⁰	1,199	379	853
Gypsum township.....	549	498	505				
Liberty township.....	352	403	472	Seward County	4,091	822	11,508
Ohio township.....	537	553	469	Fargo township.....	985	143	
Pleasant Valley township.....	396	395	471	Liberal city.....	1,716	426	
Salina city.....	9,688	6,074	6,149	Liberal township.....	820	146	
<i>Ward 1</i>	1,664			Seward township.....	570	107	
<i>Ward 2</i>	2,605						
<i>Ward 3</i>	2,648			Shawnee County	61,874	53,727	49,172
<i>Ward 4</i>	2,144			Auburn township.....	910	1,022	948
<i>Ward 5</i>	629			Dover township.....	1,190	1,098	1,094
Smoky Hill township.....	670	704	621	Menoken township.....	788	956	862
Smoky View township, including Assaria city.....	1,015	1,094	1,187	Mission township.....	1,204	1,186	1,215
<i>Assaria city</i>	248	214	180	Monmouth township.....	1,294	1,388	1,279
Smolan township.....	661	718	678	Oakland city ¹²	1,406		
Solomon township.....	488	488	536	Rossville township, including Rossville city.....	1,576	1,636	1,456
Spring Creek township, including Brookville				<i>Rossville city</i>	672	556	480
city.....	771	729	817	Silver Lake township, including Silver Lake			
<i>Brookville city</i>	280	292	345	city.....	993	1,049	882
Summit township.....	184	183	178	<i>Silver Lake city</i>	280	269	266
Walnut township.....	531	498	663	Soldier township.....	3,056	3,141	2,762
Washington township.....	427	433	440	Tecumseh township.....	1,024	1,190	1,085
				Topeka city ¹³	43,684	33,608	31,007
				<i>Ward 1</i>	6,991		
Scott County	3,047	1,098	1,262	<i>Ward 2</i>	11,609		
Beaver township.....	343	156	215	<i>Ward 3</i>	7,392		
Isabel township.....	253	81	98	<i>Ward 4</i>	6,858		
Keystone township.....	290	199	206	<i>Ward 5</i>	7,138		
Lake township.....	290	77	122	<i>Ward 6</i>	4,096		
Michigan township.....	442	59	143	Topeka township ¹⁴	3,939	6,572	5,774
Scott township, including Scott city.....	1,130	362	325	<i>Williamsport township</i>	766	883	808
<i>Scott city</i>	918	212	229				
Valley township.....	249	164	148	Sheridan County	5,651	3,819	3,733
				Adell township.....	354	302	468
Sedgwick County	73,095	44,037	43,636	Bloomfield township.....	159	136	196
Afton township.....	373	470	442	Bow Creek township.....	449	286	265
Attica township, including Goddard city.....	707	804	815	Kenneth township, including Hoxie city.....	705	399	379
<i>Goddard city</i>	225	225	210	<i>Hoxie city</i>	552	250	245
Delano township.....	766	665	729	Logan township.....	350	284	251
Eagle township.....	687	638	642	Parnell township.....	303	321	202
Erie township.....	512	279	318	<i>Frairie Dog township</i>	207	206	184
Garden Plain township, including Garden				Saline township.....	849	340	413
Plain city.....	641	830	751	Sheridan township, including Selden city.....	643	479	460
<i>Garden Plain city</i> ⁵	296			<i>Selden city</i> ¹⁵	297		
Grand River township.....	377	433	375	Solomon township.....	548	422	388
Grant township, including part of Valley				Spring Brook township.....	452	235	300
Center city.....	727	727	737	Union township.....	276	225	
<i>Valley Center city</i> (part of).....	22	31		Valley township.....	366	220	227
Total for <i>Valley Center city</i> in <i>Grant</i> and							
<i>Valley Center townships</i>	281	343	167	Sherman County	4,549	3,341	5,261
Greeley township, including Mount Hope city.....	1,100	958	850	Goodland city.....	1,993	1,059	1,027
<i>Mount Hope city</i>	519	327	241	<i>Ward 1</i>	243		
Gypsum township.....	849	866	786	<i>Ward 2</i>	824		
Illinois township.....	450	451	484	<i>Ward 3</i>	926		
Kechi township.....	945	831	932	Grant township.....	339	334	463
Lincoln township.....	628	648	646	Iowa township.....	169	59	228
Minneha township.....	564	567	571				
Morton township, including Cheney city.....	1,072	838	695				
<i>Cheney city</i>	734	490	304				
Minnescah township, including Clearwater city.....	988	808	856				
<i>Clearwater city</i>	569	338	403				

¹ Not returned separately in 1900.
² Waldo and Luray townships organized from parts of Fairview township in 1904 and 1906, respectively.
³ Grant township organized from part of Lincoln township in 1907.
⁴ Incorporated in 1904.
⁵ Incorporated in 1910.
⁶ Incorporated in 1902.
⁷ Incorporated in 1903.
⁸ Incorporated in 1901.
⁹ Incorporated in 1909.
¹⁰ Parts of Wichita township annexed to Wichita city in 1904, 1905, and 1907.
¹¹ No comparison of population can be made; county redistricted between 1890 and 1900.
¹² Incorporated from part of Topeka township in 1904.
¹³ Parts of Topeka township annexed in 1900, 1901, 1902, 1903, 1905, 1906, 1907, 1908, and 1909.
¹⁴ Part taken to form Oakland city in 1904 and parts annexed to Topeka city in 1900, 1901, 1902, 1903, 1905, 1906, 1907, 1908, and 1909.
¹⁵ Incorporated in 1905.

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

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

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Sherman County—Continued.				Sumner County.....			
Itasca township.....	113	160	219	Avon township.....	448	369	454
Lincoln township.....	159	193	.....	Belle Plaine township, including Belle Plaine city.....	1,552	1,300	1,474
Llanos township.....	233	215	328	<i>Belle Plaine city</i>	849	651	659
Logan township.....	128	168	325	Bluff township.....	578	524	606
McPherson township.....	103	101	537	Caldwell city.....	2,205	1,574	1,642
Shermanville township.....	138	58	257	<i>Ward 1</i>	941	.....	.....
Smoky township.....	236	301	515	<i>Ward 2</i>	753	.....	.....
State Line township.....	278	201	377	<i>Ward 3</i>	511	.....	.....
Union township.....	122	131	242	Caldwell township.....	779	656	840
Voltaire township.....	377	204	419	Chikaskia township.....	376	328	464
Washington township.....	161	157	284	Conway township, including part of Conway Springs city.....	1,468	1,267	1,174
Smith County.....				<i>Conway Springs city (part of)</i>	1,049	653	681
Banner township.....	455	603	483	<i>Total for Conway Springs city in Conway and Springdale townships.....</i>	1,898	714	681
Beaver township.....	465	502	429	Creek township.....	422	348	494
Blaine township.....	606	740	688	Dixon township, including Argonia city.....	924	752	940
Cedar township, including Kensington city.....	962	945	807	<i>Argonia city</i>	468	509	378
<i>Kensington city</i> ¹	497	.....	.....	Downs township.....	709	540	762
Center township.....	503	534	496	Eden township.....	495	468	487
Cora township.....	464	598	605	Falls township.....	778	754	1,031
Crystal Plains township.....	420	550	574	Gore township, including part of Mulvane city.....	1,162	982	1,142
Dor township.....	285	338	403	<i>Mulvane city (part of)</i>	657	488	498
Garfield township.....	395	401	369	[For total, see Rockford township, Sedgwick County.]	.....	.....	.....
Gaylord city.....	308	307	314	Greene township.....	414	387	567
German township.....	437	518	491	Guelph township.....	785	785	1,031
Harlan township.....	692	509	666	Harmon township.....	525	507	671
Harvey township.....	659	753	721	Illinois township.....	423	419	606
Houston township.....	435	447	470	Jackson township.....	481	509	709
Lane township.....	697	701	628	London township.....	573	712	785
Lebanon city.....	731	590	301	Morris township.....	383	306	463
Lincoln township.....	484	463	501	Osborn township.....	632	509	638
Logan township.....	552	609	597	Oxford township, including Oxford city.....	1,206	1,135	1,448
Martin township.....	546	669	663	<i>Oxford city</i>	884	665	685
Oak township.....	799	862	795	Palestine township.....	503	521	632
Pawnee township.....	449	476	626	Ryan township, including Milan city.....	666	597	748
Pleasant township.....	494	535	621	<i>Milan city</i> ⁵	240	.....	.....
Smith Center city.....	1,292	1,142	767	Seventy-six township.....	574	498	602
Swan township.....	374	520	539	South Haven township, including Hunnewell and South Haven cities.....	1,467	1,430	1,627
Valley township.....	430	503	483	<i>Hunnewell city</i>	208	233	188
Washington township.....	462	474	538	<i>South Haven city</i>	483	411	485
Webster township.....	469	522	545	Springdale township, including part of Conway Springs city.....	627	510	531
White Rock township.....	600	682	615	<i>Conway Springs city (part of)</i>	243	61	.....
Stafford County.....				Sumner township.....	477	502	545
Albano township.....	358	336	269	Valverde township.....	475	505	674
Byron township.....	363	392	312	Walter township, including Geuda Springs city.....	1,057	1,016	1,325
Clear Creek township.....	363	250	309	<i>Geuda Springs city</i> ⁶	254	218	355
Cleveland township.....	595	245	142	Wellington city.....	7,034	4,245	4,391
Cooper township.....	632	635	630	<i>Ward 1</i>	1,203	.....	.....
Douglas township.....	335	219	167	<i>Ward 2</i>	1,558	.....	.....
Fairview township.....	594	477	433	<i>Ward 3</i>	1,137	.....	.....
Farmington township, including Macksville city.....	988	506	462	<i>Ward 4</i>	1,063	.....	.....
<i>Macksville city</i>	689	448	168	<i>Ward 5</i>	1,088	.....	.....
Hayes township, including Hudson city.....	622	408	342	Wellington township.....	456	676	678
<i>Hudson city</i> ¹	253	.....	.....	Thomas County.....			
Lincoln township.....	367	339	349	Barrett township.....	311	203	486
Ohio township.....	331	433	435	Colby city ⁷	1,130	641	516
Putnam township.....	259	274	267	Hale township.....	443	312	570
Richland township.....	367	307	312	Kingery township.....	336	203	470
Rose Valley township.....	286	444	343	Lacey township.....	298	204	185
St. John township, including St. John city.....	2,084	1,241	1,128	Menlo township ⁸	355	.....	.....
<i>St. John city</i>	1,735	899	895	Morgan township ⁹	371	335	493
Seward township.....	860	828	556	Randall township ²	687	847	1,040
Stafford township, including Stafford city.....	2,377	1,518	1,075	Rovohl township.....	338	359	454
<i>Stafford city</i>	1,927	1,063	640	Smith township.....	345	285	272
Union township.....	394	496	499	Summers township.....	460	296	552
York township.....	491	481	490	Wendell township.....	381	427	500
Stanton County.....				Trego County.....			
Mitchell township.....	394	165	.....	Collyer township.....	1,316	531	480
Roanoke township.....	299	107	.....	Franklin township.....	338	182	176
Stanton township.....	341	55	.....	Glencoe township.....	233	146	136
Stevens County.....				Ogallah township.....	377	575	437
Center township, including Hugoton city.....	648	226	271	Riverside township.....	275	241	209
<i>Hugoton city</i>	106	54	139	Wakeney township, including Wakeney city.....	1,899	808	851
Harmony township.....	712	246	153	<i>Wakeney city</i>	828	394	439
Voorhees township.....	1,038	148	98	Willcox township.....	360	239	246

¹ Incorporated in 1900.
² Incorporated in 1908.
³ No comparison of population can be made; county redistricted between 1890 and 1900.
⁴ County total includes population (200) of Cleveland and Lincoln townships, annexed to Center township; population (474) of Dermot, Moscow, and Woodsdale townships, annexed to Harmony township; and population (222) of Lafayette and Niagara townships, annexed to Voorhees township, between 1890 and 1900.

⁵ Incorporated in 1900.
⁶ Returned as Geuda in 1909.
⁷ Colby city made independent of Morgan township in 1907.
⁸ Menlo township organized from part of Randall township in 1908.
⁹ Exclusive of population of Colby city.

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
Wabausee County	12,721	12,813	11,720	Wichita County	2,008	1,197	* 1,827
Alma township, including Alma city.....	1,548	1,539	1,702	Edwards township.....	646	528	542
Alma city.....	1,010	968	1,185	Leoti township, including Leoti city.....	768	464	419
Farmer township.....	287	353	385	Leoti city.....	288	151	341
Garfield township, including Alta Vista city.....	928	762	716	Whitewoman township.....	592	205	192
Alta Vista city.....	499	.....	.....		
Kaw township.....	695	.....	701	Wilson County	19,810	15,621	15,288
Maple Hill township, including Maple Hill city.....	1,132	1,123	882	Cedar township, including Altoona city.....	2,404	998	1,006
Maple Hill city.....	277	.....	.....	Altoona city.....	1,428	220	225
Mill Creek township.....	558	638	642	Center township.....	955	765	* 915
Mission Creek township.....	1,103	1,255	1,080	Chetopa township.....	671	753	817
Newbury township, including MoFarland city.....	1,754	1,507	1,296	Clifton township, including Buffalo city.....	1,415	1,030	1,009
MoFarland city.....	388	.....	.....	Buffalo city.....	807	220	.....
Piumb township, including Harveyville city.....	1,190	1,163	906	Collfax township.....	843	924	1,008
Harveyville city.....	531	.....	.....	Duck Creek township.....	511	569	559
Rock Creek township.....	652	740	757	Fall River township, including New Albany city.....	1,068	1,174	1,203
Wabausee township.....	1,033	1,188	1,025	New Albany city.....	213	.....	.....
Washington township.....	358	386	400	Fredonia city.....	3,040	1,650	1,515
Wilmington township, including Eskridge city.....	1,485	1,376	1,228	Gullford township, including Benedict city.....	860	728	877
Eskridge city.....	797	612	543	Benedict city.....	216	.....	.....
				Neodesha city.....	2,872	1,772	1,528
Wallace County	2,759	1,178	4,246	Neodesha township.....	1,447	1,295	1,837
Harrison township.....	180	130	209	Newark township.....	774	790	786
Morton township.....	433	117	218	Pleasant Valley township.....	779	880	945
North township.....	104	38	.....	Prairie township.....	405	430	461
Sharon Springs city.....	440	180	178	Talleyrand township.....	662	750	678
Sharon Springs township.....	449	208	612	Verdgris township, including Coyville city.....	686	839	1,342
Stockholm township.....	108	90	.....	Coyville city.....	227	.....	.....
Wallace township.....	557	239	652	Webster township.....	418	674	.....
Weskan township.....	488	176	350				
				Woodson County	9,450	10,022	9,021
Washington County	20,229	21,963	22,894	Belmont township.....	550	689	634
Barnes township, including Barnes city.....	1,029	1,002	916	Center township.....	705	1,584	1,550
Barnes city.....	454	383	.....	Eminence township.....	525	605	411
Brantford township.....	585	737	836	Everett township.....	690	823	738
Charleston township.....	536	637	652	Liberty township.....	759	859	898
Clifton township, including parts of Clifton and Vining cities.....	1,024	1,082	1,201	Neosho Falls township, including Neosho Falls city.....	1,247	1,532	1,408
Clifton city (part of).....	353	217	332	Neosho Falls city.....	571	763	808
[For total, see Mulberry township, Clay County.]				North township.....	381	502	470
Vining city (part of).....	98	131	112	Owl Creek township.....	710	710	738
[For total, see Mulberry township, Clay County.]				Perry township.....	449	531	530
Coleman township.....	585	646	708	Toronto township, including Toronto city.....	1,410	1,578	1,341
Farmington township.....	562	756	699	Toronto city.....	627	685	552
Franklin township.....	746	831	861	Yates Center city.....	2,024	1,634	1,305
Grant township.....	607	732	816				
Greenleaf city.....	781	854	916	Wyandotte County	100,088	15 73,227	15 54,407
Greenleaf township.....	520	646	644	Bonner Springs city.....	1,402	609	1,765
Haddam township, including Haddam city.....	1,044	1,095	1,138	Delaware township.....	1,516	1,788	.....
Haddam city.....	408	365	419	Kansas City township, coextensive with Kansas City.....	82,331	51,418	38,316
Hanover city.....	1,039	987	903	Kansas City.....	32,331	51,418	38,316
Hanover township.....	557	751	854	Ward 1.....	5,935	.....	.....
Highland township.....	448	458	543	Ward 2.....	0,245	.....	.....
Independence township.....	719	659	805	Ward 3.....	23,152	.....	.....
Kimeo township.....	606	627	658	Ward 4.....	10,167	.....	.....
Lincoln township.....	521	638	604	Ward 5.....	18,598	.....	.....
Linn township.....	955	938	932	Ward 6.....	10,812	.....	.....
Little Blue township.....	608	705	765	Ward 7.....	6,663	.....	.....
Logan township.....	542	601	638	Prairie township.....	1,093	1,187	1,042
Lowe township.....	513	626	549	Quindaro township.....	2,161	2,810	1,997
Mahaska city.....	246	.....	.....	Rosedale city.....	5,960	3,270	2,276
Mill Creek township.....	751	794	796	Ward 1.....	1,068	.....	.....
Sheridan township.....	558	644	763	Ward 2.....	1,273	.....	.....
Sherman township.....	313	338	933	Ward 3.....	1,367	.....	.....
Strawberry township.....	620	732	736	Ward 4.....	2,268	.....	.....
Union township.....	468	636	553	Shawnee township.....	3,774	2,924	2,068
Washington city.....	1,547	1,575	1,613	Wyandotte township.....	1,771	3,343	2,211
Washington township.....	694	656	737				

1 Incorporated in 1905.
 2 Incorporated in 1909.
 3 Incorporated in 1903.
 4 County total includes population (249) of Vega township, parts annexed to North and Sharon Springs townships and part taken to form Stockholm township, between 1890 and 1900.
 5 Mahaska city incorporated from part of Union township in 1909.
 6 County total includes population (229) of Beaver township, annexed to Edwards township; population (148) of Coronado township, annexed to Leoti township; population (192) of Siam township, annexed to Leoti and Whitewoman townships; and population (105) of Sumner and Yates townships, annexed to Whitewoman township, between 1890 and 1900.
 7 Fredonia city made independent of Center township in 1905.

8 Exclusive of population of Fredonia city.
 9 Incorporated in 1907.
 10 Incorporated in 1904.
 11 Neodesha city made independent of Neodesha township in 1903.
 12 Exclusive of population of Neodesha city.
 13 Yates Center city made independent of Center township in 1904.
 14 Exclusive of population of Yates Center city.
 15 County totals include population (5,878 in 1900; 4,732 in 1890) of Argentine city annexed to Kansas City since 1900; and population (38,316 in 1890) of Kansas City returned independently in 1890.
 16 Not returned separately in 1890.
 17 Part of Quindaro township annexed in 1905 and Argentine city annexed in 1910.
 18 Part annexed to Kansas City in 1905.

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

CITY.	County.	1910	1900	1890	CITY.	County.	1910	1900	1890
Ablene city	Dickinson	4,118	3,507	3,547	Colony city	Anderson	530	483	474
Agra city	Phillips	347			Columbus city	Cherokee	3,084	2,310	2,100
Allen city	Lyon	286			Colwich city	Sedgwick	258	225	212
Alma city	Wabaunsee	1,010	966	1,125	Concordia city	Cloud	4,415	3,401	3,184
Almena city	Norton	702	491	366	Conway Springs city	Sumner	1,292	714	681
Alta Vista city	Wabaunsee	499			Coolidge city	Hamilton	145	288	472
Altamont city	Labette	606	545	454	Corning city	Nemaha	411	425	291
Alton city	Osborne	414	287	338	Cottonwood Falls city	Chase	899	842	770
Altoona city	Wilson	1,462	299	265	Council Grove city	Morris	2,545	2,265	2,211
Americus city	Lyon	451	332	393	Courtland city	Republic	464	286	267
Andale city	Sedgwick	237			Coyville city	Wilson	227		
Anthony city	Harper	2,669	1,179	1,806	Cuba city	Republic	466	445	416
Arcadia city	Crawford	694	538	518	Cullison city	Pratt	258		
Argonia city	Sumner	466	309	376	Culver city	Ottawa	326		
Arkansas city	Cowley	7,508	6,140	8,347	Cunningham city	Kingman	395		
Arlington city	Reno	450	312		Curranville city	Crawford	773		
Arma city	Crawford	327			De Soto city	Johnson	337		
Ashland city	Clark	910	493	459	Dearing city	Montgomery	250		
Assaria city	Saline	246	214	180	Deerfield city	Kearny	152		
Atchison city	Atchison	16,429	15,722	13,983	Delphos city	Ottawa	767	648	561
Atlanta city	Cowley	330			Denison city	Jackson	295		
Attea city	Harper	737	311	553	Denton city	Doniphan	337	247	
Atwood city	Rawlins	680	488	450	Dexter city	Cowley	512	380	371
Augusta city	Butler	1,235	1,197	1,343	Dighton city	Lane	370	194	304
Aurora city	Cloud	269			Dodge city	Ford	3,214	1,942	1,763
Axtell city	Marshall	748	651	643	Doniphan city	Doniphan	134	196	347
Baldwin city	Douglas	1,336	1,017	935	Dorrance city	Russell	281		
Barnard city	Lincoln	425			Douglass city	Butler	657	755	787
Barnes city	Washington	454	383		Downs city	Osborne	1,427	938	938
Bartlett city	Labette	249			Dunlap city	Morris	333	400	408
Bassett city	Allen	415			Durham city	Marion	268		
Baxter Springs city	Cherokee	1,598	1,641	1,248	Dwight city	Morris	298		
Beattie city	Marshall	497	633	648	Easton city	Leavenworth	310		
Bella Plaine city	Sumner	849	551	659	Edgerton city	Johnson	443	310	321
Belleville city	Republic	2,224	1,833	1,868	Edna city	Labette	489	374	321
Beloit city	Mitchell	3,082	2,359	2,455	Effingham city	Atchison	674	634	361
Belpré city	Edwards	485			El Paso city (Derby P. O.)	Sedgwick	235		
Benedict city	Wilson	215			Eldorado city	Butler	3,129	3,466	3,390
Bennington city	Ottawa	386	389	390	Elk city	Montgomery	669	709	796
Benton city	Butler	240			Elk Falls city	Elk	271		350
Beverly city	Lincoln	335			Ellinwood city	Barton	976	760	684
Bird City	Cheyenne	190	88	145	Ellis city	Ellis	1,404	932	1,107
Blue Mound city	Linn	596	738	689	Ellsworth city	Ellsworth	2,041	1,549	1,620
Blue Rapids city	Marshall	1,756	1,100	936	Elmdale city	Chase	253		
Bluff city	Harper	307	200	194	Elmore city	Allen	216		
Bonner Springs city	Wyandotte	1,462	609		Elwood city	Doniphan	636	623	377
Bronson city	Bourbon	595	361	352	Emporia city	Lyon	9,058	8,223	7,551
Brookville city	Saline	280	292	345	Englewood city	Clark	518	181	175
Bruce city	Crawford	4	164		Enterprise city	Dickinson	706	798	804
Brooklin city	Ford	696			Erie city	Neosho	1,300	1,111	1,176
Buffalo city	Wilson	807	299		Esbon city	Jewell	347		
Bunkerhill city	Russell	242		167	Eskridge city	Wabaunsee	797	612	648
Burden city	Cowley	424	519	508	Eudora city	Douglas	640	640	618
Burlingame city	Osage	1,422	1,436	1,472	Eureka city	Greenwood	2,333	2,091	2,259
Burlington city	Coffey	2,180	2,418	2,239	Everest city	Brown	436	502	478
Burns city	Marion	489			Fairview city	Brown	386	395	
Burr Oak city	Jewell	746	671	597	Fall River city	Greenwood	383	371	454
Burrton city	Harvey	689	627	695	Florence city	Marion	1,168	1,178	1,229
Bushton city	Rice	222			Fontana city	Miami	245	237	256
Caldwell city	Sumner	2,205	1,574	1,642	Ford city	Ford	205	82	148
Caney city	Montgomery	3,597	887	542	Formoso city	Jewell	453		
Canton city	McPherson	684	493	420	Fort Scott city	Bourbon	10,463	10,322	11,946
Carbondale city	Osage	461	625	847	Fowler city	Meade	473		
Cawker city	Mitchell	870	816	898	Frankfort city	Marshall	1,426	1,167	1,053
Cedarvale city	Chautauqua	948	932	640	Frederick city	Rice	151		
Centralla city	Nemaha	665	655	534	Fredonia city	Wilson	3,040	1,650	1,515
Chanute city	Neosho	9,272	4,208	2,826	Freeport city	Harper	161	83	138
Chapman city	Dickinson	781	627	435	Frontenac city	Crawford	3,396	1,805	600
Chase city	Rice	263			Fulton city	Bourbon	416	424	506
Chautauqua Springs city	Chautauqua	343			Galena city	Cherokee	6,096	10,155	2,496
Cheney city	Sedgwick	734	429	304	Galesburg city	Neosho	183		
Cherokee city	Crawford	1,452	1,326	1,087	Galva city	McPherson	322	300	255
Cherryvale city	Montgomery	4,304	3,472	2,104	Garden city	Finney	3,171	1,590	1,490
Chetopa city	Labette	1,548	2,019	2,265	Garden Plain city	Sedgwick	296		
Cimarron city	Gray	587	237		Gardner city	Johnson	514	475	515
Cireleville city	Jackson	265	223	215	Garfield city	Pawnee	333		
Claffin city	Barton	554			Garnett city	Anderson	2,334	2,078	2,191
Clay Center city	Clay	3,438	3,069	2,802	Gas city	Allen	1,281		
Clayton city	Norton	191			Gaylord city	Smith	308	302	314
Clearwater city	Sedgwick	569	368	408	Geneseo city	Rice	566	466	399
Clifton city	Clay	614	609	622	Geuda Springs city	Sumner	254	218	355
Clyde city	Washington	1,057	1,157	1,137	Girard city	Crawford	2,446	2,473	2,541
Coats city	Pratt	269			Glasco city	Cloud	720	509	461
Coffeyville city	Montgomery	12,687	4,953	2,282	Glen Elder city	Mitchell	565	481	407
Colby city	Thomas	1,130	641	516	Goddard city	Sedgwick	225	225	210
Coldwater city	Comanche	684	263	480					

STATISTICS OF POPULATION.

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

CITY.	County.	1910	1900	1890	CITY.	County.	1910	1900	1890
Goffs city	Nemaha	422	365	.....	Lewis city	Edwards	557	.....	.....
Goodland city	Sherman	1,993	1,959	1,027	Liberal city	Seward	1,716	426	.....
Gove city	Gove	186	182	118	Liberty city	Montgomery	385	314	344
Grainfield city	Gove	309	115	99	Lincoln city	Lincoln	1,508	1,262	1,106
Great Bend city	Barton	4,622	2,470	2,450	Lindsborg city	McPherson	1,939	1,279	968
Greeley city	Anderson	492	394	514	Linwood city	Leavenworth	323	349	306
Green city	Clay	289	.....	.....	Little River city	Rice	661	457	340
Greenleaf city	Washington	781	854	916	Logan city	Phillips	714	449	390
Greensburg city	Kiowa	1,199	343	515	Long Island city	Phillips	291	.....	.....
Grenola city	Elk	532	666	608	Longton city	Elk	611	564	624
Gypsum city	Saline	623	552	530	Lost Springs city	Marion	276	.....	.....
Haddam city	Washington	408	355	419	Louisburg city	Miami	603	665	760
Halstead city	Harvey	1,004	914	1,071	Louisville city	Pottawatomie	246	336	382
Hamilton city	Greenwood	325	.....	.....	Lucas city	Russell	573	277	.....
Hamlin city	Brown	208	258	216	Luray city	Russell	341	.....	.....
Hanover city	Washington	1,039	987	903	Lyndon city	Osage	763	1,004	935
Harper city	Harper	1,638	1,151	1,579	Lyons city	Rice	2,071	1,736	1,754
Harford city	Lyon	589	553	441	McCracken city	Rush	371	312	281
Harveyville city	Wabauensee	331	.....	.....	McCune city	Crawford	736	657	700
Havana city	Montgomery	227	.....	.....	McFarland city	Wabauensee	388	.....	.....
Haven city	Reno	528	.....	.....	McLouth city	Jefferson	571	529	311
Havensville city	Pottawatomie	412	437	.....	McPherson city	McPherson	3,546	2,996	3,172
Haviland city	Kiowa	568	.....	.....	Macksville city	Stafford	626	248	156
Hays city	Ellis	1,961	1,136	1,242	Madison city	Greenwood	721	683	623
Hazelton city	Barber	315	143	319	Mahaska city	Washington	246	.....	.....
Hepler city	Crawford	276	215	269	Manchester city	Dickinson	250	.....	.....
Herington city	Dickinson	3,273	1,607	1,353	Manhattan city	Riley	5,722	3,438	3,004
Herndon city	Rawlins	273	.....	.....	Mankato city	Jewell	1,155	890	800
Hirawatha city	Brown	2,974	2,829	2,486	Maple Hill city	Wabauensee	277	.....	.....
Highland city	Doniphan	763	780	493	Mapleton city	Bourbon	230	.....	.....
Hill city	Graham	983	468	545	Marion city	Marion	1,841	1,824	2,047
Hillsboro city	Marion	1,134	754	555	Marquette city	McPherson	715	489	367
Holsington city	Barton	1,975	789	446	Marysville city	Marshall	2,260	2,006	1,913
Holton city	Jackson	2,842	3,082	2,727	Mayetta city	Jackson	337	.....	.....
Holyrood city	Ellsworth	361	.....	.....	Meade city	Meade	664	328	457
Hope city	Dickinson	587	557	632	Medicine Lodge city	Barber	1,229	917	1,095
Horace city	Greeley	189	90	150	Melvern city	Osage	605	469	461
Horton city	Brown	3,600	3,398	3,316	Meriden city	Jefferson	467	433	.....
Howard city	Elk	1,163	1,207	1,015	Milam city	Sumner	240	.....	.....
Hoxie city	Sheridan	532	250	245	Miltonvale city	Cloud	1,829	396	591
Hudson city	Stafford	253	.....	.....	Mineral city	Cherokee	1,770	.....	.....
Hugoton city	Stevens	105	54	136	Minneapolis city	Ottawa	1,895	1,727	1,756
Humboldt city	Allen	2,548	1,402	1,361	Minneola city	Clark	348	.....	.....
Hunnwell city	Sumner	208	233	168	Moline city	Elk	808	695	527
Huron city	Atchison	200	200	.....	Moran city	Allen	559	464	463
Hutchinson city	Reno	16,364	9,379	8,682	Morganville city	Clay	285	350	233
Independence city	Montgomery	10,480	4,851	3,127	Morland city	Graham	237	.....	.....
Inman city	McPherson	484	322	.....	Morrill city	Brown	398	400	308
Iola city	Allen	9,032	5,791	1,706	Mound city	Linn	698	809	883
Irving city	Marshall	409	366	375	Mound Valley city	Labette	956	533	545
Isabel city	Barber	222	.....	.....	Moundridge city	McPherson	626	557	443
Iuka city	Pratt	228	.....	.....	Mount Hope city	Sedgwick	519	327	241
Jamestown city	Cloud	462	400	372	Mulberry city	Crawford	997	.....	.....
Jennings city	Decatur	259	.....	.....	Mullinville city	Kiowa	289	.....	79
Jetmore city	Hodgeman	317	230	324	Mulvane city	Sedgwick	1,084	667	724
Jewell city	Jewell	839	736	702	Munden city	Sumner	275	.....	.....
Junction city	Gary	5,598	4,695	4,502	Muscotah city	Republic	275	.....	.....
Kanopolis city	Ellsworth	577	240	.....	Narka city	Atchison	491	.....	524
Kansas city	Wyandotte	82,331	51,418	38,316	Natoma city	Republic	278	258	.....
Kensington city	Smith	497	.....	.....	Neodesha city	Osborne	407	.....	.....
Kincald city	Anderson	426	364	284	Neodesha city	Wilson	2,872	1,772	1,528
Kingman city	Kingman	2,570	1,785	2,390	Neosho Falls city	Woodson	571	763	606
Kinsley city	Edwards	1,547	780	771	Neosho Rapids city	Lyon	256	.....	.....
Kiowa city	Barber	1,520	765	893	Ness city	Ness	712	505	669
Kirwin city	Phillips	626	686	689	Netawaka city	Jackson	250	330	267
La Crosse city	Rush	806	536	513	New Albany city	Wilson	213	.....	.....
Lacygne city	Linn	957	1,037	1,135	Newton city	Harvey	7,862	6,208	5,605
Laharpe city	Allen	2,080	610	.....	Nickerson city	Reno	1,195	1,038	1,662
Lakin city	Kearny	337	259	258	Niotaze city	Chautauqua	317	.....	.....
Lancaster city	Atchison	220	292	.....	Norcatar city	Decatur	482	.....	.....
Lane city	Franklin	272	.....	.....	Norton city	Norton	1,787	1,202	1,074
Larned city	Fawnee	2,911	1,583	1,861	Nortonville city	Jefferson	638	700	669
Latham city	Butler	364	.....	.....	Norwich city	Kingman	392	311	301
Lawrence city	Douglas	12,374	10,862	9,997	Oakland city	Shawnee	1,465	.....	.....
Le Roy city	Coffey	861	772	893	Oakley city	Logan	681	269	176
Leavenworth city	Leavenworth	19,363	20,735	19,768	Oberlin city	Decatur	1,157	937	976
Lebanon city	Smith	731	590	301	Ogden city	Riley	280	232	173
Lebo city	Coffey	560	605	538	Oketo city	Marshall	253	247	334
Lecompton city	Douglas	386	408	450	Olshe city	Johnson	3,272	3,451	3,294
Lehigh city	Marion	385	.....	.....	Olpe city	Lyon	215	.....	.....
Lenexa city	Johnson	383	.....	.....	Onaga city	Pottawatomie	769	698	423
Lenora city	Norton	454	247	231	Onalida city	Nemaha	211	279	311
Leon city	Butler	494	527	456	Osage city	Osage	2,432	2,792	3,469
Leonardville city	Riley	376	335	410	Osawatimie city	Miami	4,046	4,191	2,662
Leoti city	Wichita	288	151	341	Osborne city	Osborne	1,566	1,075	1,174
					Oskalooza city	Jefferson	851	978	773
					Oswego city	Labette	2,317	2,208	2,574

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

CITY.	County.	1910	1900	1890	CITY.	County.	1910	1900	1890
Ottawa city.....	Franklin.....	7,650	6,934	6,248	Smith Center city.....	Smith.....	1,292	1,142	767
Oxford city.....	Sumner.....	624	567	665	Soldier city.....	Jackson.....	358	302	193
Palco city.....	Rooks.....	279	.....	.....	Solomon city.....	Dickinson.....	949	817	839
Paola city.....	Miami.....	3,207	3,144	2,943	South Haven city.....	Sumner.....	483	411	405
Parker city.....	Linn.....	398	306	.....	South Hutchinson city.....	Reno.....	387	226	321
Parkerville city.....	Morris.....	167	146	202	Spearville city.....	Ford.....	576	157	.....
Parsons city.....	Labette.....	12,403	7,682	6,736	Spivey city.....	Kingman.....	252	134	205
Partridge city.....	Reno.....	246	.....	.....	Springhill city.....	Johnson.....	605	580	573
Pawnee Rock city.....	Barton.....	468	210	204	Stafford city.....	Stafford.....	1,927	1,068	640
Peabody city.....	Marion.....	1,416	1,369	1,474	Stark city.....	Neosho.....	191	.....	.....
Perry city.....	Jefferson.....	400	464	.....	Stirling city.....	Rice.....	2,133	2,002	1,641
Peru city.....	Chautauqua.....	575	.....	.....	Stockton city.....	Rooks.....	1,217	1,030	880
Phillipsburg city.....	Phillips.....	1,302	1,008	922	Strong city.....	Chase.....	1,762	1,128	976
Pittsburg city.....	Crawford.....	14,755	10,112	6,697	Summerfield city.....	Marshall.....	654	505	102
Plainville city.....	Rooks.....	1,090	378	347	Sylvan Grove city.....	Lincoln.....	464	319	.....
Pleasanton city.....	Linn.....	1,373	1,097	1,139	Sylvia city.....	Reno.....	634	220	205
Pomona city.....	Franklin.....	523	547	466	Syracuse city.....	Hamilton.....	1,126	460	324
Portis city.....	Osborne.....	304	.....	.....	Tampa city.....	Marion.....	256	.....	.....
Portwin city.....	Butler.....	249	.....	.....	Tescott city.....	Ottawa.....	421	.....	.....
Powhatan city.....	Brown.....	216	237	.....	Thayer city.....	Neosho.....	542	542	544
Prairie View city.....	Phillips.....	191	.....	.....	Tonganoria city.....	Leavenworth.....	1,018	848	673
Pratt city.....	Pratt.....	3,302	1,213	1,418	Topeka city.....	Shawnee.....	43,684	33,608	31,007
Prescott city.....	Linn.....	255	298	241	Toronto city.....	Woodson.....	627	695	552
Freston city.....	Pratt.....	278	.....	.....	Towanda city.....	Butler.....	275	.....	.....
Pretty Prairie city.....	Reno.....	327	.....	.....	Tribune city.....	Greeley.....	158	62	90
Protection city.....	Comanche.....	390	.....	.....	Troy city.....	Doniphan.....	940	947	730
Quenemo city.....	Osage.....	556	682	643	Turon city.....	Reno.....	572	.....	.....
Quinter city.....	Gove.....	450	.....	.....	Tyro city.....	Montgomery.....	603	.....	.....
Ramona city.....	Marion.....	265	.....	.....	Udall city.....	Cowley.....	330	282	338
Randall city.....	Jewell.....	325	268	239	Uniontown city.....	Bourbon.....	256	293	344
Randolph city.....	Riley.....	455	372	305	Valley Center city.....	Sedgwick.....	381	343	167
Ransom city.....	Ness.....	204	.....	.....	Valley Falls city.....	Jefferson.....	1,129	1,078	1,180
Reading city.....	Lyon.....	289	304	.....	Vermillion city.....	Marshall.....	366	362	.....
Redfield city.....	Bourbon.....	232	.....	.....	Vining city.....	Clay.....	191	245	241
Republic city.....	Republic.....	450	241	228	Viola city.....	Sedgwick.....	156	.....	.....
Richfield city.....	Morton.....	53	61	164	Wakeeney city.....	Trego.....	883	394	439
Riley city.....	Riley.....	343	.....	.....	Wakefield city.....	Clay.....	514	322	241
Robinson city.....	Brown.....	492	493	.....	Waldron city.....	Harper.....	262	.....	.....
Rosedale city.....	Wyandotte.....	5,960	3,270	2,276	Walnut city.....	Crawford.....	639	603	539
Roseland city.....	Cherokee.....	396	.....	.....	Walton city.....	Harvey.....	357	174	249
Rossville city.....	Shawnee.....	672	555	420	Wamego city.....	Pottawatomie.....	1,714	1,618	1,473
Russell city.....	Russell.....	1,692	1,143	961	Washington city.....	Washington.....	1,547	1,575	1,613
Russell Springs city.....	Logan.....	82	.....	117	Waterville city.....	Marshall.....	704	610	577
Sabetha city.....	Nemaha.....	1,768	1,646	1,368	Wathena city.....	Doniphan.....	777	798	694
St. Francis city.....	Cheyenne.....	492	.....	.....	Waverly city.....	Coffey.....	751	586	548
St. John city.....	Stafford.....	1,785	869	895	Weir city.....	Cherokee.....	2,289	2,977	2,138
St. Marys city.....	Pottawatomie.....	1,397	1,390	1,174	Wellington city.....	Sumner.....	7,034	4,245	4,391
St. Paul city.....	Neosho.....	927	1,047	1,097	Wellsville city.....	Franklin.....	648	447	392
Sallma city.....	Salina.....	9,638	6,074	6,149	West Plains city.....	Meade.....	333	.....	62
Savonburg city.....	Allen.....	257	.....	.....	Westmoreland city.....	Pottawatomie.....	484	620	478
Scammon city.....	Cherokee.....	2,233	1,549	748	Wetmore city.....	Nemaha.....	483	434	522
Scandia city.....	Republic.....	579	598	653	White city.....	Morris.....	506	532	391
Scott city.....	Scott.....	918	212	229	White Cloud city.....	Doniphan.....	1,119	713	699
Scottsville city.....	Mitchell.....	248	.....	.....	Whitewater city.....	Butler.....	618	207	184
Scranton city.....	Osage.....	770	1,099	1,572	Whiting city.....	Jackson.....	426	384	381
Sedan city.....	Chautauqua.....	1,211	1,067	970	Wichita city.....	Sedgwick.....	52,450	24,671	23,853
Sedgwick city.....	Harvey.....	620	622	652	Williamsburg city.....	Franklin.....	399	.....	.....
Selden city.....	Sheridan.....	297	.....	.....	Willis city.....	Brown.....	188	187	.....
Seneca city.....	Nemaha.....	1,806	1,846	2,032	Wilson city.....	Ellsworth.....	981	939	770
Severance city.....	Doniphan.....	333	424	377	Winchester city.....	Jefferson.....	456	.....	.....
Severy city.....	Greenwood.....	608	489	389	Windom city.....	McPherson.....	176	146	165
Sharon city.....	Barber.....	350	116	.....	Winfield city.....	Cowley.....	6,700	5,554	5,184
Sharon Springs city.....	Wallace.....	440	180	178	Woodbine city.....	Dickinson.....	250	.....	.....
Silver Lake city.....	Shawnee.....	209	259	256	Woodston city.....	Rooks.....	299	.....	.....
Simpson city.....	Mitchell.....	211	.....	.....	Yates Center city.....	Woodson.....	2,024	1,634	1,305

CHAPTER 2.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

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

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

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 Kansas, 1,207,057, or 71.4 per cent, are native whites of native parentage; 292,105, or 17.2 per cent, are native whites of foreign or mixed parentage; 135,190, or 8 per cent, are foreign-born whites; and 54,030, or 3.2 per cent, are negroes. The corresponding percentages in 1900 were 68.9, 18.8, 8.6, and 3.5, respectively, the proportion of native whites of native parentage having increased somewhat during the decade. In most of the 105 counties the proportion of foreign-born whites is small, the maximum percentage for this class being that for Ellis County (19.8), which shows also the highest percentage of native whites of foreign or mixed parentage (46.1). (See maps on page 597.)

Of the urban population, 70.3 per cent are native whites of native parentage; of the rural population, 71.8 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 14.5 and 18.4 per cent, respectively. The percentage of foreign-born whites is 7.7 in the urban population and 8.1 in the rural; the percentage of negroes is 7.3 in the urban and 1.5 in the rural.

Sex (Table 2).—In the total population of the state there are 885,912 males and 805,037 females, or 110 males to 100 females. In 1900 the ratio was 109.5 to 100. Among native whites the ratio is 107.1 to 100, and among foreign-born whites 149.9 to 100. In the urban population there are 102.1 males to 100 females, and in the rural, 113.5.

State of birth (Tables 3 and 4).—Of the native population—that is, population born in the United States—52.9 per cent were born in Kansas and 47.1 per cent outside the state; of the native white population, 46.7 per cent were born outside the state; and of the native negro, 57.5 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 Kansas, persons born in Germany represent 25.5 per cent; Russia, 11.3; Sweden, 9.8; Austria, 8.9; England, 8.3; Mexico, 6.2; Ireland, 6; Canada, 5.3; Scotland, 2.7; Italy, 2.6; all other countries, 13.3 per cent. Of the total white stock of foreign origin, which includes persons born abroad and also natives having one or both parents

born abroad, Germany contributed 31 per cent; England, 9.9; Ireland, 9.1; Russia, 9; Sweden, 8.3; Canada, 6.1; Austria, 5.8; Scotland, 3; Switzerland, 2.2; Mexico, 2 per cent.

Voting and militia ages (Table 6).—The total number of males 21 years of age and over is 508,529, representing 30.1 per cent of the population. Of such males, 65.6 per cent are native whites of native parentage, 16.2 per cent native whites of foreign or mixed parentage, 14.6 per cent foreign-born whites, and 3.5 per cent negroes. Of the 74,248 foreign-born white males of voting age, 39,145, or 52.7 per cent, are naturalized. Males of militia age—18 to 44—number 370,227.

Age (Tables 7, 8, and 12).—Of the total population, 11.3 per cent are under 5 years of age, 20.5 per cent from 5 to 14 years, inclusive, 20 per cent from 15 to 24, 27.7 per cent from 25 to 44, and 20.3 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 4.4 per cent of this class being under 15 years of age, while 84.8 per cent are 25 years of age and over. Of the native whites of foreign or mixed parentage, only 44.8 per cent are 25 and over and of the native whites of native parentage practically the same proportion (44.5 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, 31.2 per cent are from 25 to 44 years of age, inclusive, and of the rural population, 26.2 per cent.

School attendance (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 515,156, of whom 363,695, or 70.6 per cent, attended school. In addition to these, 6,527 persons under 6 and 7,877 of 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 69.9; for girls, 71.4. For children from 6 to 14 years, inclusive, the percentage attending school was 88.2. The percentage for children of this age among native whites of native parentage was 88.3; among native whites of foreign or mixed parentage, 89.1; among foreign-born whites, 76.7; and among negroes, 84.6. (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 of age, inclusive, the percentage attending school was 37.5 in the urban population and 46.8 in the rural.

Illiteracy (Table 10).—There are 28,968 illiterates in the state, representing 2.2 per cent of the total population 10 years of age and over, as compared with 2.9 per cent in 1900. The percentage of illiteracy is 0.8 among native whites, 10.5 among foreign-born whites, and 12 among negroes.

For all classes combined, the percentage of illiterates is slightly higher in the urban population than in the

rural, the percentages being 2.4 and 2.1, respectively, but for each class separately, with the exception of the foreign-born whites, the percentage is higher in the rural population.

For persons from 10 to 20 years of age, inclusive, whose literacy depends largely upon present school facilities and school attendance, the percentage of illiteracy is very low (0.6). (See Table I.)

Marital condition (Tables 11 and 13).—In the population 15 years of age and over, 37.4 per cent of the males are single and 26.6 per cent of the females. The percentage married is 56.8 for males and 63.7 for females, and the percentage widowed, 4.5 and 8.7, 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 in part to the excess of males in the total population and in part to the fact that women marry younger. Thus 11 per cent of the females from 15 to 19 years of age are married, as compared with 0.8 per cent of the males, and 52.8 per cent of the females from 20 to 24 years are married, as compared with 22.7 per cent of the males. In the next age group, 25 to 34 years, the percentages are 80.3 and 64.8, respectively, while in the age group 35 to 44 they are 86.4 and 80.9. In the age group 45 and over, however, the percentage is higher among males (79.6 as compared with 70.4). That there is a larger proportion of widows than of widowers may indicate that men more often remarry than women, but, since husbands are generally older than their wives, the marriage relationship is more often broken by death of the husband than by death of the wife.

For the main elements of the population the percentages of married persons among those 15 years of age and over are as follows: Foreign-born whites, 65.8 for males and 73.4 for females; native whites of native parentage, 57 and 64.1, respectively; native whites of foreign or mixed parentage, 50.2 and 58.2, respectively; negroes, 53.5 for males and 58.1 for females.

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

Dwellings and families.—The total number of dwellings in Kansas is 385,682, and the total number of families 395,771, 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 4.4, and the average number per family, 4.3.

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

CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.		CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
THE STATE.							URBAN POPULATION.						
Total illiterate, 1910.....	28,968	2.2	16,122	2.3	12,846	2.1	Total illiterate, 1910.....	9,747	2.4	5,085	2.5	4,662	2.3
Native white.....	9,472	0.8	5,183	0.9	4,289	0.8	Native white.....	2,208	0.7	1,139	0.7	1,069	0.6
Native parentage.....	7,673	0.8	4,204	0.9	3,469	0.8	Native parentage.....	1,888	0.7	979	0.7	909	0.7
Foreign or mixed parentage.....	1,799	0.8	979	0.8	820	0.7	Foreign or mixed parentage.....	320	0.5	160	0.6	160	0.5
Foreign-born white.....	13,787	10.5	8,268	10.4	5,519	10.6	Foreign-born white.....	4,150	11.3	2,539	11.8	1,611	10.6
Negro.....	5,341	12.0	2,456	10.5	2,885	13.6	Negro.....	3,361	11.2	1,395	9.2	1,966	13.1
Total illiterate, 1900.....							RURAL POPULATION.						
Total illiterate, 1900.....	32,513	2.9	15,732	2.6	16,781	3.2	Total illiterate, 1910.....	19,221	2.1	11,037	2.2	8,184	1.9
Native white.....	12,165	1.3	6,530	1.3	5,635	1.2	Native white.....	7,264	0.9	4,044	0.9	3,220	0.9
Native parentage.....	10,064	1.3	5,432	1.4	4,632	1.3	Native parentage.....	5,785	0.9	3,225	1.0	2,560	0.9
Foreign or mixed parentage.....	2,101	1.0	1,098	1.1	1,003	1.0	Foreign or mixed parentage.....	1,479	0.8	819	0.9	660	0.8
Foreign-born white.....	10,604	8.5	4,505	6.3	6,099	11.4	Foreign-born white.....	9,637	10.2	5,729	9.9	3,908	10.5
Negro.....	9,230	22.3	4,393	20.7	4,837	24.0	Negro.....	1,980	13.7	1,061	13.0	919	14.7

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.....	614,015	229,804	37.4	348,915	56.8	27,585	3,943	539,238	143,352	26.6	343,520	63.7	47,021	3,868
Total, 1900.....	508,552	200,780	39.5	281,254	55.3	22,115	2,164	449,204	127,784	28.4	279,055	62.1	38,832	2,727
15 to 19 years.....	87,235	85,774	98.3	672	0.8	12	8	83,268	73,419	88.2	9,130	11.0	85	79
20 to 24 years.....	87,617	66,729	76.2	19,870	22.7	226	156	79,967	36,438	45.6	42,250	52.8	554	431
25 to 34 years.....	140,251	46,554	33.2	90,318	64.8	1,690	769	126,534	21,110	16.7	101,651	80.3	2,516	1,051
35 to 44 years.....	106,793	16,163	15.1	86,368	80.9	3,104	962	94,503	7,093	7.5	81,648	86.4	4,780	925
45 years and over.....	180,298	13,828	7.3	150,668	78.6	22,446	2,026	154,011	5,063	3.3	108,438	70.4	38,951	1,373
Age unknown.....	2,821	768	26.9	519	18.4	107	22	955	229	24.0	403	42.2	135	8
Native white:														
Native parentage ²	409,522	163,290	37.4	233,551	57.0	17,476	2,704	372,033	99,335	26.7	238,550	64.1	30,286	2,798
15 to 24 years.....	123,648	106,911	86.5	15,454	12.5	108	114	118,429	78,187	66.0	38,785	32.7	439	386
25 to 44 years.....	162,704	37,876	23.3	120,053	73.8	3,185	1,210	150,753	17,053	11.7	126,831	84.1	4,662	1,434
45 years and over.....	121,271	7,964	6.6	97,690	80.6	14,056	1,365	102,187	3,322	3.3	72,643	71.1	25,111	972
Foreign or mixed parentage ²	104,490	48,269	46.2	52,467	50.2	2,846	489	96,709	34,654	35.8	56,239	58.2	5,077	487
15 to 24 years.....	35,062	32,376	90.8	2,987	8.4	23	21	34,389	25,722	74.8	8,370	24.3	78	52
25 to 44 years.....	45,952	13,736	29.9	31,199	67.9	689	212	43,836	8,057	18.4	34,228	78.1	1,206	286
45 years and over.....	22,759	2,099	9.2	18,243	80.2	2,127	255	18,419	846	4.6	13,614	73.9	3,789	149
Foreign-born white ² :														
15 to 24 years.....	78,073	19,913	25.5	51,390	65.8	5,038	425	51,142	4,511	8.8	37,558	73.4	8,707	288
25 to 44 years.....	9,425	7,986	84.7	1,319	14.0	13	5	4,485	2,053	45.8	2,374	52.9	24	15
45 years and over.....	28,109	8,498	29.2	19,925	68.4	474	117	18,404	1,647	8.9	16,045	87.2	620	78
Age unknown.....	38,902	3,313	8.5	30,080	77.3	5,131	299	28,169	799	2.8	19,098	67.8	8,041	193
Negro ² :														
15 to 24 years.....	20,877	7,711	36.9	11,168	53.5	1,554	312	18,694	4,551	24.3	10,863	58.1	2,908	290
25 to 44 years.....	5,628	4,775	84.8	750	13.3	33	24	5,568	3,606	64.8	1,781	32.0	96	55
45 years and over.....	8,914	2,465	27.7	5,820	65.3	424	182	7,869	839	10.7	6,033	76.7	803	178
Age unknown.....	6,174	429	6.9	4,536	73.5	1,035	104	5,152	95	1.8	3,006	58.3	1,976	57
URBAN POPULATION.														
Total.....	184,612	64,947	35.2	108,160	58.6	8,455	1,515	178,661	49,063	27.5	107,523	60.2	19,585	1,907
15 to 24 years.....	49,068	41,717	85.0	6,744	13.7	114	85	51,962	34,849	67.1	16,258	31.3	316	271
25 to 44 years.....	78,462	19,252	24.5	56,363	71.8	1,829	792	75,365	12,086	16.0	58,300	77.4	3,802	1,076
45 years and over.....	55,547	3,587	6.5	44,783	80.6	6,460	628	50,786	2,013	4.0	32,737	64.5	15,394	557
Age unknown.....	1,535	391	25.5	270	17.6	52	10	548	115	21.0	228	41.6	73	3
Native white—Native parentage.....														
Native white—Native parentage.....	123,697	43,496	35.2	72,811	58.9	5,267	1,006	122,212	34,038	27.9	74,111	60.6	12,301	1,348
Native white—Foreign or mixed par.....	25,525	10,570	41.4	13,843	54.2	823	173	27,908	9,858	35.3	15,562	55.8	2,175	231
Foreign-born white.....	21,299	5,751	27.0	13,853	65.0	1,359	127	14,886	1,801	12.1	10,120	68.0	2,843	93
Negro.....	13,644	4,766	34.9	7,593	55.7	996	205	13,346	3,132	23.5	7,665	57.4	2,258	233
RURAL POPULATION.														
Total.....	429,403	164,857	38.4	240,755	56.1	19,130	2,428	360,577	94,289	26.1	235,997	65.4	27,436	1,961
15 to 24 years.....	125,784	110,786	88.1	13,793	11.0	124	79	111,273	75,008	67.4	35,122	31.6	323	239
25 to 44 years.....	168,582	43,465	25.8	120,823	71.7	2,965	939	145,672	16,117	11.1	124,999	85.8	3,494	901
45 years and over.....	133,751	10,239	7.7	105,885	79.2	15,936	1,398	103,225	3,050	3.0	75,701	73.3	23,557	816
Age unknown.....	1,286	367	28.5	249	19.4	55	12	407	114	28.0	175	43.0	62	5
Native white—Native parentage.....														
Native white—Native parentage.....	285,825	109,794	38.4	160,740	56.2	12,209	1,698	249,821	65,297	26.1	164,439	65.8	17,985	1,450
Native white—Foreign or mixed par.....	78,905	37,699	47.7	38,624	48.9	2,018	316	68,801	24,796	36.0	40,677	59.1	2,902	256
Foreign-born white.....	56,774	14,162	24.9	37,537	66.1	4,279	298	36,256	2,710	7.5	27,438	75.7	5,864	185
Negro.....	7,233	2,955	40.9	3,573	49.4	558	107	5,348	1,419	26.5	3,198	59.8	650	67

¹ Total includes persons whose marital condition is unknown.

² Totals include persons of unknown age.

SUPPLEMENT FOR KANSAS.

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

Table with columns for AGE PERIOD, TOTAL (Male, Female), NATIVE WHITE (Male, Female), FOREIGN-BORN WHITE (Male, Female), NEGRO (Male, Female), and AGE PERIOD (Male, Female). Rows include Kansas City, Topeka, and Wichita with age breakdowns.

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

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

Table with columns for CLASS OF POPULATION AND AGE PERIOD, MALES 15 YEARS OF AGE AND OVER, and FEMALES 15 YEARS OF AGE AND OVER. Sub-columns include Total, Single (Number, Per cent), Married (Number, Per cent), Widowed, and Divorced. Rows include Kansas City, Topeka, and Wichita.

1 Total includes persons whose marital condition is unknown.

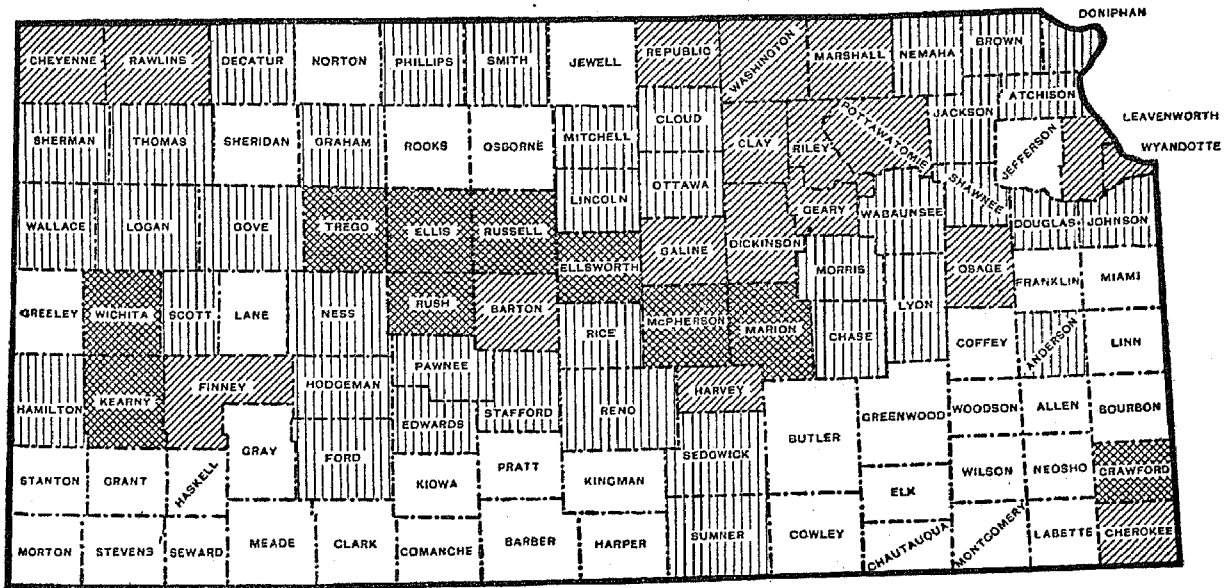
TABLE 14.—INDIAN, CHINESE, AND JAPANESE POPULATION FOR PRINCIPAL COUNTIES.

Table with columns for COUNTY, INDIAN (1910, 1900, 1890), CHINESE (1910, 1900, 1890), JAPANESE (1910, 1900, 1890), and COUNTY (1910, 1900, 1890). Rows list various counties like The state, Atchison, Brown, etc.

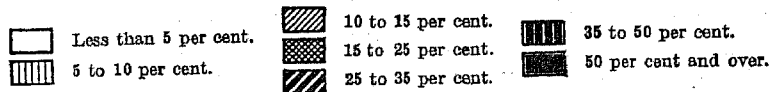
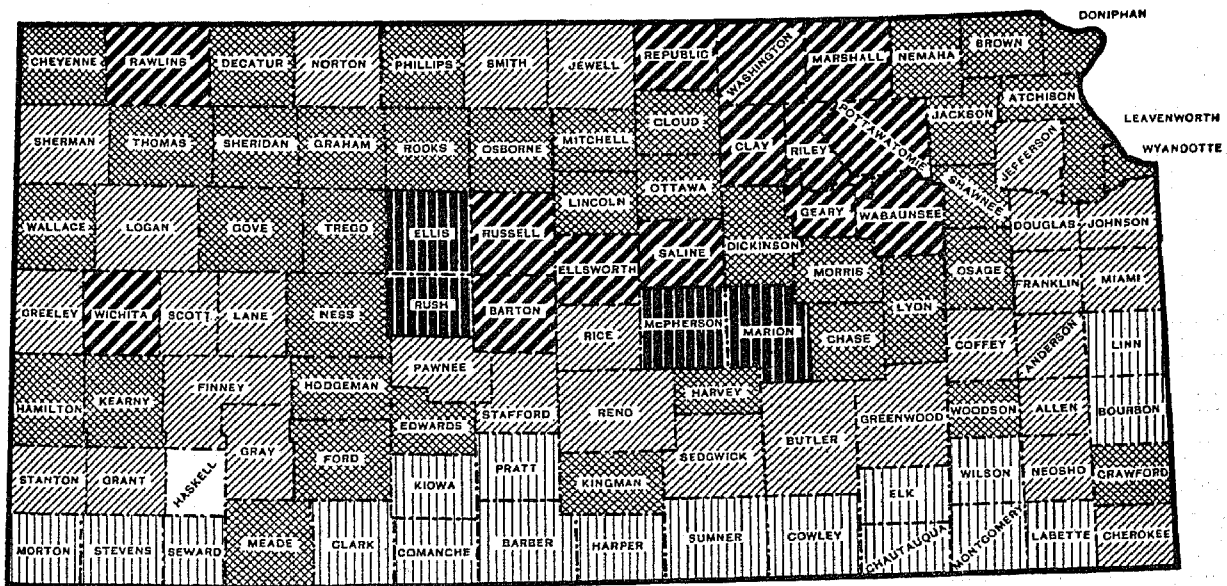
1 Includes 946 Indians specially enumerated in 1890, not distributed by counties.

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



STATISTICS OF POPULATION.

599

POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Allen.	Anderson.	Atchison.	Barber. ¹	Barton.	Bourbon.	Brown.	Butler.	Chase.
SEX										
Total Male	885,912	14,201	7,243	14,433	5,401	9,465	12,209	11,264	12,215	3,929
Female	805,037	13,439	6,586	13,674	4,515	8,411	11,798	10,050	10,844	3,598
White Male	856,437	13,635	7,167	12,889	5,357	9,242	11,604	10,798	12,135	3,873
Female	777,915	12,961	6,501	12,226	4,486	8,242	11,188	9,649	10,775	3,551
Negro Male	27,964	562	76	1,544	44	219	605	236	80	56
Female	26,006	485	85	1,443	28	169	610	221	69	47
MALES OF VOTING AGE										
Total number	508,529	8,088	4,112	8,486	2,993	5,400	7,060	6,410	7,042	2,186
Number in 1900	418,786	5,615	3,005	8,213	1,930	3,743	6,747	6,201	6,513	2,363
Native white—Native parentage	333,443	6,138	2,960	4,826	2,427	2,096	5,560	4,213	5,440	1,499
Number in 1900	268,688	4,198	2,011	4,309	1,607	1,741	6,130	4,125	6,075	1,683
Native white—Foreign or mixed parentage	62,534	985	598	1,654	282	1,317	741	1,012	831	392
Number in 1900	69,292	650	344	1,338	169	768	701	1,001	787	406
Native white—Foreign parentage	52,410	577	374	1,157	152	971	397	584	462	220
Native white—Mixed parentage	29,724	388	224	497	130	346	344	428	369	172
Foreign-born white	74,248	617	494	1,054	207	1,248	396	955	712	264
Number in 1900	69,338	652	417	1,320	147	1,161	430	845	639	329
Negro	17,588	367	58	932	17	130	357	120	53	31
Number in 1900	14,695	115	103	841	15	83	302	121	41	40
Indian, Chinese, and Japanese	716	1				3		104		
PER CENT OF TOTAL.										
Native white—Native parentage	65.6	75.9	72.0	56.9	81.1	49.9	78.8	65.7	77.3	68.6
Native white—Foreign or mixed parentage	16.2	11.9	14.5	19.5	9.4	24.4	10.5	15.8	11.8	17.9
Foreign-born white	14.6	7.6	12.1	12.4	8.9	23.1	5.6	14.9	10.1	12.1
Negro	3.5	4.5	1.4	11.2	0.6	2.5	5.1	2.0	0.8	1.4
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized	39,145	349	199	590	145	745	228	387	384	135
Having first papers	6,173	21	14	45	18	115	7	80	24	23
Alien	12,247	34	104	128	76	161	11	107	105	33
Unknown	16,683	213	179	291	28	227	150	381	109	73
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate	14,716	166	128	240	47	146	151	315	205	51
Per cent illiterate	2.9	2.1	3.1	2.8	1.6	2.7	2.1	4.9	2.9	2.3
Per cent in 1900	3.4	2.0	2.0	4.8	7.5	3.3	4.4	3.3	1.9	2.9
Native white, number illiterate	4,647	101	37	57	24	36	86	50	71	19
Per cent illiterate	1.1	1.4	1.0	0.9	0.9	0.9	1.4	1.1	1.1	1.0
Foreign-born white, number illiterate	7,497	21	82	70	21	91	10	196	123	23
Per cent illiterate	10.1	3.4	16.5	6.6	7.9	7.3	2.5	20.5	17.3	8.7
Negro, number illiterate	2,380	44	9	113	2	19	55	16	11	9
Per cent illiterate	13.5	12.0		11.9		14.0	15.4	12.7		
PERSONS 10 YEARS OLD AND OVER.										
Total number	1,321,562	21,534	19,869	22,739	7,538	13,518	19,032	16,664	18,031	5,830
Number illiterate	28,968	333	215	516	84	300	339	523	336	97
Per cent illiterate	2.2	1.5	2.0	2.3	1.1	2.2	1.8	3.1	1.9	1.7
Native white, number	1,143,801	19,609	9,979	18,272	7,069	10,800	17,342	14,492	16,802	5,297
Number illiterate	9,472	199	76	106	55	71	167	142	154	42
Per cent illiterate	0.8	1.0	0.8	0.6	0.8	0.7	1.0	1.0	0.9	0.8
Foreign-born white, number	131,673	1,081	737	1,953	412	2,408	700	1,533	1,105	449
Number illiterate	13,787	49	117	153	25	192	29	260	167	43
Per cent illiterate	10.5	4.5	15.9	7.8	6.1	8.0	4.1	17.0	14.2	9.6
Negro, number	44,542	842	143	2,514	56	306	990	349	124	84
Number illiterate	5,341	85	22	237	4	37	143	40	25	13
Per cent illiterate	12.0	10.1	15.4	10.2		12.1	14.4	11.5	20.2	
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number	374,099	6,172	3,069	6,383	2,274	3,848	5,310	4,698	5,104	1,719
Number illiterate	2,094	18	23	22	4	23	11	37	38	12
Per cent illiterate	0.6	0.3	0.7	0.3	0.2	0.6	0.2	0.8	0.7	0.7
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive	515,166	8,547	4,223	8,611	3,152	5,411	7,337	6,518	7,017	2,400
Number attending school	363,695	5,948	3,108	5,571	2,299	3,617	5,242	4,390	5,122	1,806
Per cent attending school	70.6	69.6	73.6	64.7	72.9	66.8	71.4	67.4	73.0	75.3
Number 6 to 9 years	141,057	2,375	1,164	2,228	878	1,563	2,027	1,820	1,913	681
Number attending school	112,490	1,919	943	1,746	758	1,152	1,719	1,341	1,507	501
Number 10 to 14 years	168,309	2,773	1,437	2,803	975	1,757	2,453	2,130	2,262	770
Number attending school	160,299	2,619	1,384	2,570	943	1,668	2,209	2,020	2,187	753
Number 15 to 17 years	100,947	1,600	824	1,764	601	970	1,427	1,241	1,394	451
Number attending school	68,222	1,087	598	1,014	437	599	938	788	1,063	336
Number 18 to 20 years	104,843	1,739	808	1,816	698	1,121	1,430	1,327	1,448	498
Number attending school	22,684	323	183	241	161	198	286	241	365	126
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number	309,366	5,148	2,591	5,031	1,853	3,320	4,480	3,950	4,175	1,451
Number attending school	272,789	4,538	2,327	4,316	1,701	2,820	4,018	3,361	3,694	1,344
Per cent attending school	88.2	88.2	89.8	85.8	91.8	84.9	89.7	85.1	88.5	92.6
Native white—Native parentage, number	238,837	4,493	2,276	3,638	1,678	1,940	3,997	3,122	3,745	1,255
Number attending school	210,929	3,976	2,046	3,127	1,543	1,626	3,590	2,671	3,320	1,159
Per cent attending school	88.3	88.5	89.2	86.0	92.0	83.8	90.0	85.6	88.7	92.6
Native white—Foreign or mixed parentage, number	56,697	482	289	962	149	1,195	256	606	398	176
Number attending school	50,519	418	248	798	138	1,045	222	511	351	166
Per cent attending school	89.1	86.7	87.9	83.5	92.6	87.4	86.7	84.3	88.2	94.3
Foreign-born white, number	4,474	25	6	23	6	112	3	23	13	1
Number attending school	3,433	18	6	17	4	87	2	18	10	
Per cent attending school	76.7					77.7				
Negro, number	8,855	148	27	468	20	78	224	96	19	19
Number attending school	7,495	126	27	374	16	62	195	86	13	19
Per cent attending school	84.6	85.1		79.9			87.1			
DWELLINGS AND FAMILIES										
Dwellings, number	385,672	6,490	3,263	6,150	2,219	3,768	5,678	4,912	5,448	1,751
Families, number	395,771	6,593	3,349	6,315	2,256	3,868	5,844	4,983	5,492	1,764

¹ State total includes population (2,794) of Howard County, taken to form Chautauqua and Elk Counties in 1875.

² See note on page 622.

³ Totals include 66 whites specially enumerated in 1890, not distributed by counties; also 876 whites and 5 negroes in Garfield County, annexed to Finney in 1893.

⁴ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Chautauqua. ¹	Cherokee.	Cheyenne. ¹	Clark. ¹	Clay.	Cloud.	Coffey.	Comanche. ¹	Cowley.	Crawford.
POPULATION										
Total population, 1910.....	11,429	38,162	4,248	4,093	15,251	18,388	15,205	3,281	31,790	51,178
1900.....	11,804	42,694	2,640	1,701	15,833	18,071	16,043	1,619	30,156	38,809
1890.....	12,297	27,770	4,401	2,357	16,146	19,295	15,856	2,549	34,478	30,286
1880.....	11,072	21,905	37	168	12,320	15,343	11,438	372	21,538	16,851
1870.....		11,088			2,942	2,323	6,201		1,175	8,160
Increase, 1900-1910.....	-375	-4,532	1,608	2,392	-582	317	-1,438	1,662	1,634	12,369
Per cent of increase.....	-3.2	-10.6	60.9	140.0	-3.7	1.8	-8.6	102.7	5.4	31.9
Increase, 1890-1900.....	-493	14,924	-1,701	-656	-313	-1,224	787	-930	-4,322	8,523
Per cent of increase.....	-4.0	63.7	-40.0	-27.8	-1.9	-6.3	5.0	-36.5	-12.5	28.1
Land area (square miles).....	652	605	1,008	973	638	702	644	788	1,133	605
Population per square mile, 1910.....	17.5	63.1	4.2	4.2	23.9	26.2	23.6	4.2	28.1	84.6
Rural population per square mile, 1910.....	17.5	47.9	4.2	4.2	18.5	19.9	23.6	4.2	15.5	54.6
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....		9,160			3,438	4,415			14,208	18,151
Same places in 1900.....		14,723			3,069	3,401			11,694	11,917
Per cent of increase, 1900-1910.....		-37.8			12.0	29.8			21.5	52.3
Rural, 1910—Remainder of county in 1910.....	11,429	29,002	4,248	4,093	11,813	13,973	15,205	3,281	17,582	33,027
Same territory in 1900.....	11,804	27,971	2,640	1,701	12,764	14,670	16,643	1,619	18,462	26,892
Per cent of increase, 1900-1910.....	-3.2	3.7	60.9	140.0	-7.5	-4.8	-8.6	102.7	-4.8	22.8
Urban, 1900—Places of 2,500 or more in 1900.....		13,132			3,069	3,401			11,694	10,112
Rural, 1900—Remainder of county in 1900.....	11,804	29,562	2,640	1,701	12,764	14,670	16,643	1,619	18,462	28,697
Per cent in places of 2,500 or more, 1910.....		24.0			22.5	22.5			44.7	35.5
Per cent in places of 2,500 or more, 1900.....		30.8			19.4	18.8			38.8	26.1
COLOR AND NATIVITY										
White.....	11,288	36,913	4,248	4,072	15,140	18,329	15,128	3,281	31,185	49,603
Number in 1900.....	11,577	40,725	2,640	1,894	16,652	18,010	16,498	1,619	29,481	37,158
Number in 1890.....	12,072	29,421	4,401	2,351	15,959	19,259	15,667	2,516	33,349	29,859
Negro.....	118	1,181		21	111	58	75		571	1,563
Number in 1900.....	184	1,959		6	181	61	145		685	1,657
Number in 1890.....	224	1,342		6	207	34	189	32	622	486
Black.....	104	836		20	78	49	68		436	1,132
Mulatto.....	14	345		1	33	9	7		135	431
Indian, Chinese, and Japanese (see Tables I and 14).....	23	68				1	2		34	12
Native white—Native parentage.....	10,455	27,229	2,938	3,546	8,809	12,468	12,500	2,853	27,619	31,074
Number in 1900.....	10,688	32,683	1,637	1,623	8,678	11,696	15,781	1,367	25,388	25,629
Native white—Foreign or mixed parentage.....	590	5,275	835	383	4,512	4,323	2,019	310	2,607	10,055
Number in 1900.....	711	5,275	622	132	4,395	4,546	2,085	187	2,781	7,157
Native white—Foreign parentage.....	215	3,400	564	200	2,498	2,329	937	163	1,125	6,614
Native white—Mixed parentage.....	375	1,875	271	183	2,014	1,994	1,082	147	1,482	3,441
Foreign-born white.....	243	4,409	475	143	1,759	1,538	1,188	118	959	8,474
Number in 1900.....	178	2,767	381	33	2,170	1,768	692	65	794	4,366
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	91.5	71.4	69.2	86.6	58.2	67.8	82.2	87.0	86.9	60.7
Per cent in 1900.....	90.5	76.6	62.0	82.5	54.2	64.7	82.4	84.4	85.3	66.0
Native white—Foreign or mixed parentage.....	5.2	13.8	19.7	9.4	29.6	23.5	13.3	9.4	8.2	19.6
Per cent in 1900.....	6.0	12.4	23.6	8.1	30.9	25.2	12.5	11.6	9.2	18.4
Foreign-born white.....	2.1	11.6	11.2	3.5	11.5	8.4	4.0	3.6	3.0	16.6
Per cent in 1900.....	1.5	6.5	14.4	1.9	13.8	9.8	4.2	4.0	2.6	11.2
Negro.....	1.0	3.1		0.5	0.7	0.3	0.5		1.8	3.1
Per cent in 1900.....	1.6	4.6		0.4	1.1	0.3	0.9		2.5	4.5
FOREIGN ENATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	3	779	7	2	20	11	7	1	9	1,843
Belgium.....	1	423			4	43	1			324
Canada—French.....	1	8	5	1	32	337	1		14	112
Canada—Other.....	23	75	19	7	95	123	27	16	145	115
Denmark.....	2	9	4		24	124	21	4	35	12
England.....	24	604	18	17	361	74	58	38	122	707
France.....	3	706		1	6	49	9		8	708
Germany.....	38	297	105	29	436	218	223	40	189	1,339
Greece.....		30	8	8	8	2	3		95	10
Holland.....		6		1	2	5	1		7	5
Hungary.....		33	3	1	1	1			1	71
Ireland.....	13	168	9	6	67	123	56	3	74	214
Italy.....	1	736	1		1	2			5	1,787
Mexico.....	80	39		47	54	66	57	5	87	216
Norway.....	3	2	1	1	42	37	5		16	3
Russia.....	1	9	220	2	20	4	20	4	5	224
Scotland.....	9	307	14	2	31	24	20	1	49	480
Sweden.....	4	63	45	13	439	207	18	3	43	120
Switzerland.....	10	11	16	3	90	13	28	1	14	20
Wales.....	3	64	2	2	20	16	53	1	10	102
Other foreign countries.....	24	35		1	6	4	1	1	31	102
NATIVE WHITE: Both parents born in—										
Austria.....	1	370	2	4	23	13	4		9	904
Canada—French.....		6			68	695	1	1	10	12
Canada—Other.....	6	31	4	4	39	101	10	8	50	52
Denmark.....	5	1			24	153	18	1	43	12
England.....	39	467	14	4	298	85	73	10	164	594
France.....		320	1	1	10	49	17		11	313
Germany.....	59	344	169	75	789	339	423	79	383	1,417
Holland.....	2	5	1	2	4		3		2	7
Hungary.....		33	1						1	11
Ireland.....	32	287	28	18	122	180	137	14	168	399
Italy.....		433				1			3	1,072
Norway.....	7	3	1	1	49	52	3		11	4
Russia.....	1	13	197	3	17	3	17	11	4	166
Scotland.....	7	324	6	7	52	21	16	5	55	504
Sweden.....	3	69	52	31	598	225	19	2	49	94
Switzerland.....	11	8	21	1	107	9	24	3	7	6
Wales.....	2	64		4	29	11	57	1	14	113
All others of foreign parentage.....	40	622	67	45	269	342	110	28	141	934

¹ For changes in boundaries, etc., see page 622.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Chautau- qua. ¹	Cherokee.	Cheyenne. ¹	Clark. ¹	Clay.	Cloud.	Coffey.	Coman- che. ¹	Cowley.	Crawford.
SEX										
Total... Male.....	5,939	19,861	2,310	2,252	7,886	9,419	7,792	1,770	16,434	26,610
Female.....	5,490	18,301	1,938	1,841	7,365	8,969	7,413	1,511	15,356	24,568
White... Male.....	5,809	19,251	2,310	2,246	7,834	9,388	7,755	1,770	16,109	25,806
Female.....	5,419	17,662	1,938	1,826	7,306	8,941	7,373	1,511	15,076	23,797
Negro... Male.....	58	574	6	6	52	31	37	302	302	797
Female.....	60	607	15	15	59	27	38	269	269	706
MALES OF VOTING AGE										
Total number.....	3,230	10,662	1,187	1,189	4,422	5,292	4,429	984	9,673	14,596
Number in 1900.....	3,176	10,081	684	521	4,270	4,861	4,551	488	8,484	10,835
Native white—Native parentage.....	2,777	7,057	780	970	2,227	3,132	3,344	795	7,964	8,091
Number in 1900.....	2,776	6,798	411	444	2,141	2,896	3,499	393	6,927	6,582
Native white—Foreign or mixed parentage.....	246	1,042	184	125	1,191	1,307	715	101	955	1,828
Number in 1900.....	282	1,481	97	56	913	994	620	58	870	1,401
Native white—Foreign parentage.....	104	645	115	74	787	849	399	54	497	1,148
Native white—Mixed parentage.....	142	397	69	51	404	458	316	47	458	680
Foreign-born white.....	174	2,213	223	89	967	833	344	68	556	4,201
Number in 1900.....	114	1,450	170	18	1,164	953	391	48	466	2,259
Negro.....	26	336	5	5	37	20	20	184	184	474
Number in 1900.....	49	598	2	2	52	18	41	201	201	593
Indian, Chinese, and Japanese.....	7	14						14	14	2
PER CENT OF TOTAL.										
Native white—Native parentage.....	86.0	66.2	65.7	81.6	50.4	59.2	75.5	82.5	82.3	55.4
Native white—Foreign or mixed parentage.....	7.6	9.8	15.5	10.5	26.9	24.7	16.1	10.5	9.9	12.5
Foreign-born white.....	5.4	20.8	18.8	7.5	21.9	15.7	7.8	7.1	5.7	28.8
Negro.....	0.8	3.2	0.4	0.4	0.8	0.4	0.6	1.0	1.9	3.2
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	61	885	135	41	616	482	174	46	240	1,470
Having first papers.....	2	549	28	6	36	25	20	1	10	1,113
Alien.....	89	433	5	28	74	72	55	9	104	978
Unknown.....	22	346	55	14	241	254	95	12	202	640
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	38	542	22	21	65	209	81	19	308	582
Per cent illiterate.....	1.2	5.1	1.9	1.8	1.5	3.9	1.8	2.0	3.2	4.0
Per cent in 1900.....	3.2	6.2	4.8	0.8	2.5	4.7	2.0	3.3	2.0	6.1
Native white, number illiterate.....	28	204	8	8	37	91	58	16	179	128
Per cent illiterate.....	0.9	2.5	0.8	0.7	1.1	2.1	1.4	1.8	2.0	1.3
Foreign-born white, number illiterate.....	5	286	14	13	23	117	17	3	95	395
Per cent illiterate.....	2.9	12.9	6.3	2.4	2.4	14.0	4.9	17.1	17.1	9.4
Negro, number illiterate.....	5	52			5	1	6		34	58
Per cent illiterate.....		15.5							18.5	12.2
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	8,090	28,572	3,137	3,055	12,060	14,266	11,953	2,483	25,473	38,316
Number illiterate.....	94	1,076	41	30	114	399	150	28	679	1,119
Per cent illiterate.....	1.1	3.8	1.3	1.0	0.9	2.8	1.3	1.1	2.7	2.9
Native white, number.....	8,348	23,485	2,686	2,901	10,237	12,692	11,280	2,370	24,031	29,236
Number illiterate.....	76	393	19	16	60	183	101	21	466	278
Per cent illiterate.....	0.9	1.7	0.7	0.6	0.6	1.4	0.9	0.9	1.9	1.0
Foreign-born white, number.....	237	4,117	451	138	1,737	1,526	604	113	935	7,853
Number illiterate.....	9	542	22	14	41	211	34	7	130	711
Per cent illiterate.....	3.8	13.2	4.9	10.1	2.4	13.8	5.6	0.2	13.9	9.1
Negro, number.....	93	926		16	86	47	67		480	1,217
Number illiterate.....	9	138			13	4	14		82	129
Per cent illiterate.....		14.9							17.1	10.6
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	2,569	8,648	1,031	962	3,545	4,131	3,389	775	6,946	11,046
Number illiterate.....	3	58	4	3	5	19	2	2	173	87
Per cent illiterate.....	0.1	0.7	0.4	0.3	0.1	0.5	0.1	0.3	2.5	0.8
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	3,844	12,322	1,421	1,348	4,813	5,666	4,668	1,070	9,432	15,821
Number attending school.....	2,541	8,381	1,066	988	3,549	4,011	3,453	800	6,803	10,582
Per cent attending school.....	69.7	68.0	75.0	73.3	73.7	70.8	74.0	74.8	76.0	66.9
Number 6 to 9 years.....	1,076	3,674	390	386	1,273	1,535	1,279	295	2,486	4,775
Number attending school.....	674	2,982	319	316	1,087	1,184	946	234	1,897	3,780
Number 10 to 14 years.....	1,222	4,049	481	457	1,625	1,823	1,561	353	3,008	5,082
Number attending school.....	1,174	3,707	465	441	1,590	1,745	1,512	334	2,807	4,727
Number 15 to 17 years.....	689	2,327	280	242	955	1,176	947	211	1,901	2,992
Number attending school.....	515	1,304	215	181	645	829	741	164	1,385	1,647
Number 18 to 20 years.....	658	2,272	270	263	965	1,132	881	211	2,037	2,972
Number attending school.....	178	328	67	50	227	253	254	68	514	428
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	2,297	7,723	871	843	2,898	3,358	2,840	648	5,494	9,857
Number attending school.....	1,848	6,689	784	757	2,677	2,929	2,458	568	4,704	8,507
Per cent attending school.....	80.5	86.6	90.0	89.8	92.4	87.2	86.6	87.7	85.6	86.3
Native white—Native parentage, number.....	2,201	5,794	612	768	1,889	2,551	2,539	578	5,068	6,292
Number attending school.....	1,774	4,953	552	697	1,729	2,206	2,187	506	4,354	5,466
Per cent attending school.....	80.6	85.5	90.2	90.8	91.5	88.5	88.1	87.5	85.9	86.9
Native white—Foreign or mixed parentage, number.....	57	1,252	226	68	964	773	291	65	307	2,436
Number attending school.....	46	1,107	207	57	913	693	204	57	206	2,157
Per cent attending school.....		88.4	91.6		94.7	89.7	90.7		86.6	88.5
Foreign-born white, number.....	3	418	33	4	23	23	2	5	21	811
Number attending school.....	2	390	25		14	19	2	5	5	642
Per cent attending school.....		93.3								79.2
Negro, number.....	29	237		3	22	11	8		92	313
Number attending school.....	23	220		3	21	11	5		74	287
Per cent attending school.....		92.8								75.7
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,731	8,882	985	901	3,510	4,164	3,711	716	7,439	11,715
Families, number.....	2,761	8,961	992	928	3,603	4,277	3,742	736	7,703	11,686

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

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Decatur. ¹	Dickinson.	Doniphan.	Douglas.	Edwards. ¹	Elk. ¹	Ellis.	Ellsworth.	Finney. ¹	Ford. ¹
POPULATION										
Total population, 1910.....	8,976	24,361	14,422	24,724	7,033	10,128	12,170	10,444	6,908	11,393
1900.....	9,234	21,816	15,079	25,096	3,682	11,443	8,626	9,626	3,469	5,497
1890.....	8,414	22,273	13,535	23,961	3,600	12,216	7,942	9,272	3,350	5,308
1880.....	4,180	15,251	14,257	21,700	2,409	10,623	6,179	8,494	.....	3,122
1870.....	.....	3,043	13,969	20,592	.....	.....	1,336	1,185	.....	427
Increase, 1900-1910.....	-258	2,545	-657	-372	3,351	-1,315	3,544	818	3,439	5,896
Per cent of increase.....	-2.8	11.7	-4.4	-1.5	91.0	-11.5	41.1	8.5	99.1	107.3
Increase, 1890-1900.....	820	-457	1,497	1,135	82	-773	684	354	119	189
Per cent of increase.....	9.7	-2.1	11.1	4.7	2.3	-6.3	8.6	3.8	3.6	3.6
Land area (square miles).....	891	838	378	469	611	652	901	724	1,276	1,082
Population per square mile, 1910.....	10.1	29.1	38.2	52.7	11.5	15.5	13.5	14.4	5.4	10.5
Rural population per square mile, 1910.....	10.1	20.3	38.2	26.3	11.5	15.5	13.5	14.4	2.9	7.6
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	.....	7,391	.....	12,374	.....	.....	.....	.....	3,171	3,214
Same places in 1900.....	.....	5,114	.....	10,862	.....	.....	.....	.....	1,590	1,942
Per cent of increase, 1900-1910.....	.....	44.5	.....	13.9	.....	.....	.....	.....	99.4	65.5
Rural, 1910—Remainder of county in 1910.....	8,976	16,970	14,422	12,350	7,033	10,128	12,170	10,444	3,737	8,179
Same territory in 1900.....	9,234	16,702	15,079	14,234	3,682	11,443	8,626	9,626	1,879	3,555
Per cent of increase, 1900-1910.....	-2.8	1.6	-4.4	-13.2	91.0	-11.5	41.1	8.5	98.9	130.1
Urban, 1900—Places of 2,500 or more in 1900.....	.....	3,507	.....	10,862	.....	.....	.....	.....	.....	.....
Rural, 1900—Remainder of county in 1900.....	9,234	18,309	15,079	14,234	3,682	11,443	8,626	9,626	3,469	5,497
Per cent in places of 2,500 or more, 1910.....	.....	30.3	.....	50.0	.....	.....	.....	.....	45.9	28.2
Per cent in places of 2,500 or more, 1900.....	.....	16.1	.....	43.3	.....	.....	.....	.....	.....	.....
COLOR AND NATIVITY										
White.....	8,959	24,199	13,718	21,772	6,983	10,110	12,101	10,331	6,718	11,298
Number in 1900.....	9,224	21,533	14,259	21,819	3,699	11,440	8,663	9,467	3,359	5,439
Number in 1890.....	8,403	22,113	12,768	20,443	3,616	12,210	7,879	9,145	3,238	5,287
Negro.....	17	162	633	2,231	50	6	69	113	189	93
Number in 1900.....	16	222	313	2,794	33	3	63	158	110	65
Number in 1890.....	10	153	767	3,076	85	6	66	129	62	51
Black.....	15	108	521	1,596	46	5	58	43	187	54
Mulatto.....	2	54	162	635	4	1	11	70	2	30
Indian, Chinese, and Japanese (see Tables I and 14).....	.....	.....	21	671	.....	12	.....	.....	1	2
Native white—Native parentage.....	6,878	15,601	10,306	16,753	5,308	9,048	4,083	5,225	5,063	8,709
Number in 1900.....	6,898	13,246	10,233	15,654	2,533	9,965	2,344	4,455	2,815	3,956
Native white—Foreign or mixed parentage.....	1,516	6,047	2,533	3,593	1,199	842	5,610	3,410	829	1,712
Number in 1900.....	1,628	6,980	2,916	4,063	737	1,163	4,161	3,242	401	1,059
Native white—Foreign parentage.....	858	3,247	1,510	1,885	616	340	4,395	2,234	527	965
Native white—Mixed parentage.....	658	2,800	1,023	1,708	583	502	1,215	1,176	302	747
Foreign-born white.....	565	2,551	879	1,421	476	220	2,408	1,696	826	877
Number in 1900.....	698	2,662	1,108	1,802	329	312	2,053	1,770	145	407
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	76.6	64.0	71.5	67.8	75.5	89.3	33.5	50.0	73.3	70.4
Per cent in 1900.....	74.7	60.7	67.9	63.6	68.3	87.1	27.2	46.3	81.1	72.6
Native white—Foreign or mixed parentage.....	16.9	24.8	17.6	14.5	17.0	8.3	46.1	32.7	12.0	15.0
Per cent in 1900.....	17.6	28.0	19.3	16.2	20.0	10.2	48.2	33.7	11.6	18.9
Foreign-born white.....	6.3	10.5	6.1	5.7	6.8	2.2	19.8	16.2	12.0	7.7
Per cent in 1900.....	7.6	12.2	7.3	7.2	8.9	2.7	23.9	18.4	4.1	7.4
Negro.....	0.2	0.7	4.7	9.2	0.7	0.1	0.6	1.1	2.7	0.8
Per cent in 1900.....	0.1	1.0	5.4	11.1	2.3	(*)	0.7	1.6	3.2	1.2
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	104	10	30	6	6	1	375	673	5	25
Belgium.....	2	.....	7	.....	1	1	1	.....	.....	2
Canada—French.....	.....	10	.....	5	.....	.....	4	.....	1	.....
Canada—Other.....	34	231	21	90	32	32	25	45	30	37
Denmark.....	13	33	38	23	6	2	26	11	9	7
England.....	28	194	68	172	28	20	51	70	15	40
France.....	3	6	28	20	3	5	6	4	12	3
Germany.....	147	788	407	638	194	50	217	500	108	254
Greece.....	.....	.....	4	.....	.....	.....	1	2	.....	.....
Holland.....	10	0	4	14	2	.....	4	.....	.....	10
Hungary.....	76	1	8	.....	.....	.....	1	.....	.....	.....
Ireland.....	17	193	59	83	26	34	30	88	23	22
Italy.....	.....	75	9	5	.....	.....	9	68	.....	2
Mexico.....	1	125	74	81	107	27	67	.....	137	306
Norway.....	10	4	32	5	8	3	7	5	2	3
Russia.....	10	381	29	15	15	2	1,563	68	438	60
Scotland.....	14	106	7	35	5	24	14	25	2	10
Sweden.....	75	184	4	155	25	16	6	43	16	12
Switzerland.....	10	194	57	31	14	2	12	8	8	8
Wales.....	2	4	2	12	2	1	3	1	6	8
Other foreign countries.....	9	6	5	6	2	.....	20	9	10	1
NATIVE WHITE: Both parents born in—										
Austria.....	110	6	39	4	3	2	306	838	.....	32
Canada—French.....	3	8	3	2	1	1	3	3	5	3
Canada—Other.....	12	90	12	39	4	6	11	10	6	19
Denmark.....	7	31	47	24	2	.....	27	4	6	3
England.....	31	209	59	142	29	50	43	61	24	45
France.....	2	11	25	28	5	2	4	.....	10	7
Germany.....	287	1,375	728	1,010	374	109	282	876	132	521
Holland.....	3	14	3	8	9	2	5	.....	.....	6
Hungary.....	78	1	.....	.....	.....	.....	.....	2	.....	.....
Ireland.....	35	345	211	163	30	53	65	88	37	70
Italy.....	.....	.....	17	.....	.....	.....	2	4	.....	.....
Norway.....	16	11	51	5	8	.....	5	.....	3	.....
Russia.....	17	249	21	5	19	3	3,384	38	101	94
Scotland.....	6	93	7	52	8	29	9	28	3	13
Sweden.....	99	173	8	138	34	12	10	71	29	18
Switzerland.....	11	239	62	38	14	6	7	11	91	13
Wales.....	2	4	2	26	.....	3	2	1	6	5
All others of foreign parentage.....	139	389	214	201	76	62	230	199	74	110

¹ For changes in boundaries, etc., see page 622.² See note on page 622.³ Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

603

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Decatur. ¹	Dickinson.	Doniphan.	Douglas.	Edwards. ¹	Elk. ¹	Ellis.	Ellsworth.	Finney. ¹	Ford. ¹
SEX										
Total.. Male.....	4,708	12,666	7,643	12,283	3,792	5,223	6,376	5,566	3,666	6,164
Female.....	4,268	11,695	6,779	12,461	3,241	4,905	5,794	4,878	3,242	5,229
White.. Male.....	4,703	12,585	7,270	10,794	3,765	5,215	6,333	5,498	3,567	6,109
Female.....	4,256	11,614	6,448	10,973	3,218	4,895	5,763	4,833	3,151	5,189
Negro.. Male.....	5	81	358	1,097	27	2	38	63	98	54
Female.....	12	81	325	1,184	23	4	31	45	91	39
MALES OF VOTING AGE										
Total number.....	2,455	7,233	4,229	7,203	2,075	3,098	2,947	3,118	2,118	3,534
Number in 1900.....	2,383	5,964	4,289	6,946	1,073	3,246	1,921	2,715	1,029	1,631
Native white—Native parentage.....	1,765	4,199	2,654	4,448	1,443	2,499	925	1,370	1,490	2,424
Number in 1900.....	1,668	3,420	2,578	4,194	888	2,687	825	1,223	809	1,103
Native white—Foreign or mixed parentage.....	371	1,640	857	1,227	334	364	872	792	205	546
Number in 1900.....	356	1,184	835	1,040	171	376	320	528	99	283
Native white—Foreign parentage.....	243	1,085	585	707	205	163	726	629	120	344
Native white—Mixed parentage.....	128	555	272	520	129	201	146	163	85	202
Foreign-born white.....	317	1,357	504	737	286	136	1,128	905	358	524
Number in 1900.....	374	1,304	428	832	185	182	959	909	81	223
Negro.....	2	37	209	692	12	2	22	51	64	39
Number in 1900.....	5	66	226	783	19	1	17	45	40	17
Indian, Chinese, and Japanese.....			5	99		5			1	1
PER CENT OF TOTAL.										
Native white—Native parentage.....	71.9	58.1	62.8	61.8	69.5	83.1	31.4	43.9	70.3	68.6
Native white—Foreign or mixed parentage.....	15.1	22.7	20.3	17.0	16.1	12.1	29.6	25.4	9.7	15.4
Foreign-born white.....	12.9	18.8	11.9	10.2	13.8	4.5	38.3	29.0	16.9	14.8
Negro.....	0.1	0.5	4.9	9.6	0.6	0.1	0.7	1.6	3.0	1.1
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	228	658	245	442	160	72	719	473	132	224
Having first papers.....	18	79	46	26	8	1	113	48	13	13
Alien.....	10	177	63	71	9	17	139	94	162	242
Unknown.....	61	443	150	198	103	46	157	290	51	45
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	32	94	157	197	38	25	260	120	58	222
Per cent illiterate.....	1.3	1.3	3.7	2.7	1.8	0.8	8.8	3.8	2.7	6.3
Per cent in 1900.....	1.7	1.2	5.7	4.4	2.8	1.8	9.8	1.7	1.2	1.7
Native white, number illiterate.....	26	35	77	26	9	16	52	14	3	34
Per cent illiterate.....	1.2	0.6	2.2	0.5	0.5	0.6	2.9	0.6	0.2	1.1
Foreign-born white, number illiterate.....	5	57	32	56	27	8	206	101	53	187
Per cent illiterate.....	1.6	4.2	6.3	7.6	9.4	5.9	18.3	11.2	14.8	35.7
Negro, number illiterate.....	1	2	48	112	2	1	2	5	2	1
Per cent illiterate.....			23.0	16.2						
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	6,817	19,135	11,012	20,496	5,268	7,916	8,361	8,032	5,223	8,663
Number illiterate.....	49	203	310	489	67	54	729	235	161	320
Per cent illiterate.....	0.7	1.1	2.8	2.4	1.3	0.7	8.7	2.9	3.1	3.7
Native white, number.....	6,245	16,524	9,600	16,514	4,763	7,683	6,016	6,274	4,357	7,757
Number illiterate.....	37	75	143	83	18	38	131	34	7	64
Per cent illiterate.....	0.6	0.5	1.5	0.5	0.4	0.5	2.2	0.5	0.2	0.8
Foreign-born white, number.....	559	2,450	868	1,405	463	219	2,285	1,655	702	841
Number illiterate.....	11	120	62	101	44	15	594	190	145	253
Per cent illiterate.....	2.0	4.8	7.1	7.2	9.5	6.8	26.0	11.5	20.7	30.1
Negro, number.....	13	131	534	1,932	42	6	60	103	163	83
Number illiterate.....	1	8	104	295	5	1	4	12	9	3
Per cent illiterate.....		6.1	19.5	15.3				11.7	5.5	
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	2,215	5,444	3,232	5,766	1,558	2,223	2,962	2,360	1,404	2,446
Number illiterate.....	1	10	8	10	10	1	49	13	28	46
Per cent illiterate.....	(¹)	0.2	0.2	0.2	0.6	(¹)	1.7	0.6	2.0	1.9
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	3,081	7,477	4,571	7,468	2,238	3,100	4,299	3,255	1,978	3,472
Number attending school.....	2,427	5,818	3,294	5,691	1,646	2,400	3,055	2,242	1,338	2,364
Per cent attending school.....	78.8	71.1	72.1	76.2	73.5	77.4	71.1	68.9	67.6	68.1
Number 6 to 9 years.....	866	2,033	1,339	1,702	680	877	1,337	895	574	1,026
Number attending school.....	737	1,547	1,112	1,395	523	739	1,075	710	418	758
Number 10 to 14 years.....	1,049	2,505	1,519	2,415	695	1,033	1,419	1,012	659	1,104
Number attending school.....	1,023	2,370	1,466	2,305	682	1,010	1,356	952	601	1,047
Number 15 to 17 years.....	591	1,506	866	1,670	426	533	763	628	375	651
Number attending school.....	488	1,031	563	1,257	327	475	463	440	240	428
Number 18 to 20 years.....	575	1,433	847	1,681	437	607	780	720	370	691
Number attending school.....	181	370	153	734	114	176	161	140	79	131
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	1,915	4,538	2,858	4,117	1,376	1,910	2,756	1,907	1,233	2,130
Number attending school.....	1,760	3,917	2,578	3,700	1,205	1,749	2,431	1,662	1,019	1,805
Per cent attending school.....	91.9	86.3	90.2	89.9	87.6	91.6	88.2	87.2	82.6	84.7
Native white—Native parentage, number.....	1,535	3,289	2,274	3,137	1,114	1,832	843	1,074	941	1,781
Number attending school.....	1,424	2,823	2,055	2,812	983	1,676	756	950	820	1,519
Per cent attending school.....	92.8	86.4	90.4	89.6	88.2	91.5	89.7	88.5	87.1	85.3
Native white—Foreign or mixed parentage, number.....	367	1,150	441	474	242	77	1,748	778	137	307
Number attending school.....	324	1,010	407	435	205	73	1,534	671	107	265
Per cent attending school.....	88.3	87.8	92.3	91.8	84.7		87.8	86.2	78.1	86.3
Foreign-born white, number.....	5	79	11	15	7	1	154	47	125	31
Number attending school.....	5	48	5	8	5		132	35	63	11
Per cent attending school.....							85.7		50.4	
Negro, number.....	8	40	126	375	12		11	8	30	11
Number attending school.....	7	38	106	330	12		9	6	29	10
Per cent attending school.....			84.1	88.0						
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,055	5,501	3,222	5,872	1,595	2,522	2,245	2,226	1,619	2,470
Families, number.....	2,060	5,598	3,268	6,065	1,622	2,559	2,292	2,283	1,704	2,550

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

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Franklin.	Geary. ¹	Govc.	Graham.	Grant. ¹	Gray. ¹	Greeley. ¹	Green-wood.	Hamilton. ¹	Harper. ¹
POPULATION										
Total population, 1910.....	20,884	12,681	6,044	8,700	1,087	3,121	1,335	16,060	3,360	14,748
1900.....	21,354	10,744	2,441	5,173	422	1,264	493	16,196	1,426	10,310
1890.....	20,279	10,423	2,994	5,029	1,308	2,415	1,264	16,309	2,027	13,266
1880.....	18,797	6,994	1,196	4,258	9		3	10,548	168	4,133
1870.....	10,385	5,526						3,484		
Increase, 1900-1910.....	-470	1,937	3,603	3,527	665	1,857	842	-136	1,934	4,438
Per cent of increase.....	-2.2	18.0	147.6	68.2	157.6	146.9	170.8	-0.8	135.6	43.0
Increase, 1890-1900.....	1,075	321	-553	144	-886	-1,151	-771	-113	-601	-2,956
Per cent of increase.....	5.3	3.1	-18.5	2.9	-67.7	-47.7	-61.0	-0.7	-29.6	-22.3
Land area (square miles).....	585	300	1,080	897	578	857	776	1,158	984	799
Population per square mile, 1910.....	35.7	32.5	5.6	9.7	1.9	3.6	1.7	13.9	3.4	18.5
Rural population per square mile, 1910.....	22.6	18.2	5.6	9.7	1.9	3.6	1.7	13.9	3.4	15.1
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	7,650	5,598								2,669
Same places in 1900.....	6,934	4,695								1,179
Per cent of increase, 1900-1910.....	10.3	19.2								126.4
Rural, 1910—Remainder of county in 1910.....	13,234	7,083	6,044	8,700	1,087	3,121	1,335	16,060	3,360	12,079
Same territory in 1900.....	14,420	6,049	2,441	5,173	422	1,264	493	16,196	1,426	9,191
Per cent of increase, 1900-1910.....	-8.2	17.1	147.6	68.2	157.6	146.9	170.8	-0.8	135.6	32.3
Urban, 1900—Places of 2,500 or more in 1900.....	6,934	4,695								
Rural, 1900—Remainder of county in 1900.....	14,420	6,049	2,441	5,173	422	1,264	493	16,196	1,426	10,310
Per cent in places of 2,500 or more, 1910.....	36.6	44.1								18.1
Per cent in places of 2,500 or more, 1900.....	32.5	43.7								
COLOR AND NATIVITY										
White.....	20,341	12,083	5,989	8,105	1,066	3,107	1,333	16,028	3,335	14,711
Number in 1900.....	20,690	10,393	2,408	4,642	422	1,249	492	16,190	1,420	10,253
Number in 1890.....	19,416	10,040	2,957	4,497	1,263	2,406	1,264	16,141	1,870	13,183
Negro.....	490	587	55	595	21	14	2	32	25	37
Number in 1900.....	696	531	35	531		15	1	66	6	52
Number in 1890.....	893	877	37	529	45	9		168	57	83
Black.....	349	450	43	239		1	2	27	13	24
Mulatto.....	141	131	12	356	21	13		5	12	13
Indian, Chinese, and Japanese (see Tables 1 and 14).....	53	11								
Native white—Native parentage.....	17,475	7,472	4,545	6,125	922	2,631	1,146	13,466	2,428	12,709
Number in 1900.....	17,868	5,813	1,808	3,310	306	1,069	334	13,280	1,194	8,525
Native white—Foreign or mixed parentage.....	2,692	3,293	957	1,452	113	368	133	1,969	605	1,403
Number in 1900.....	2,326	5,087	397	808	79	134	102	2,082	147	1,325
Native white—Foreign parentage.....	1,041	1,839	510	795	45	152	78	862	400	669
Native white—Mixed parentage.....	1,051	1,350	447	657	68	216	55	1,107	205	734
Foreign-born white.....	774	1,372	487	528	31	108	54	593	302	599
Number in 1900.....	896	1,493	205	424	37	46	59	788	79	408
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	83.7	58.9	75.2	70.4	84.8	84.3	85.8	83.8	72.3	86.2
Per cent in 1900.....	81.3	54.1	74.1	64.0	72.5	84.6	87.7	81.9	83.7	82.7
Native white—Foreign or mixed parentage.....	10.0	25.5	15.8	16.7	10.4	11.8	10.0	12.3	18.0	9.5
Per cent in 1900.....	10.9	28.7	16.3	17.6	18.7	10.6	20.7	12.9	10.3	12.9
Foreign-born white.....	3.7	10.8	8.1	6.1	2.9	3.5	4.0	3.7	9.0	4.1
Per cent in 1900.....	4.2	13.6	8.3	8.2	2.8	3.6	11.4	4.9	5.5	4.0
Negro.....	2.3	4.6	0.9	6.8	1.9	0.4	0.1	0.2	0.7	0.3
Per cent in 1900.....	5.3	5.5	1.4	10.3		1.2	0.2	0.4	0.4	0.5
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	32	55	11	20	1	3	2	16	3	53
Belgium.....	1	1		4				9		1
Canada—French.....	4	14		30		1	2	1		6
Canada—Other.....	63	63	14	36	1	8	2	51	14	38
Denmark.....	18	36	16	29		1	1	22	3	4
England.....	98	171	28	27	1	8		106	14	52
France.....	16	6	2	7		4		7	1	12
Germany.....	204	426	68	52	22	37	8	96	40	173
Greece.....	1	3	4							
Holland.....	2	7	3	50		1				
Hungary.....	11	21						1		9
Ireland.....	59	143	13	30	2	10	1	47	8	23
Italy.....	3	44		4				1	1	1
Mexico.....	47	6	2			21	3	3	41	181
Norway.....	8	13	8			2		83	1	3
Russia.....	7	57	255	184				4	148	5
Scotland.....	31	43	9	17	1	6	6	21	4	10
Sweden.....	130	164	42	18	3		27	31	11	14
Switzerland.....	18	70	3	9		4		84	1	8
Wales.....	18	4					1	9	8	3
Other foreign countries.....	3	25	7	11		2		1	4	3
NATIVE WHITE: Both parents born in—										
Austria.....	29	13	20	13		8		29		71
Canada—French.....	2	11	4	47	1			1	1	7
Canada—Other.....	29	35	17	31		4	2	8		24
Denmark.....	14	18	14	33				7		2
England.....	133	128	15	23	2	12	2	109	8	37
France.....	24	9	4	1		2		9	2	20
Germany.....	340	772	110	115	27	60	15	196	68	305
Holland.....	3	6		56		1	1	4		2
Hungary.....	2	4								3
Ireland.....	131	291	19	42	8	21	2	81	23	61
Italy.....	6	8								1
Norway.....	7	8	5	2		1		113	2	2
Russia.....	4	21	205	291		1		6	210	4
Scotland.....	32	51	2	16	1	3		24	4	9
Sweden.....	137	174	37	11	3	1	35	30	16	19
Switzerland.....	4	69	5	17	1	6		103		13
Wales.....	17	4		3		1	2	11	1	5
All others of foreign parentage.....	127	267	53	94	2	31	8	131	55	84

¹ For changes in boundaries, etc., see page 622.

STATISTICS OF POPULATION.

605

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Franklin.	Geary. ¹	Gove.	Graham.	Grant. ¹	Gray. ¹	Greeley. ¹	Green-wood.	Hamilton. ¹	Harper. ¹
SEX										
Total.. Male.....	10,618	7,483	3,280	4,611	610	1,682	728	8,319	1,817	7,925
Female.....	10,266	5,198	2,764	4,089	477	1,439	607	7,741	1,543	6,823
White.. Male.....	10,340	7,141	3,249	4,307	595	1,672	726	8,304	1,799	7,905
Female.....	10,001	4,942	2,740	3,798	471	1,435	607	7,724	1,536	6,806
Negro.. Male.....	255	339	31	304	15	10	2	15	18	20
Female.....	235	248	24	291	6	4	.....	17	7	17
MALES OF VOTING AGE										
Total number.....	6,283	5,128	1,658	2,273	322	902	423	4,550	1,038	4,356
Number in 1900.....	5,967	3,549	690	1,361	112	857	148	4,656	423	2,957
Native white—Native parentage.....	4,894	2,605	1,171	1,527	265	694	334	3,562	703	3,450
Number in 1900.....	4,625	1,775	476	812	79	287	89	3,478	320	2,312
Native white—Foreign or mixed parentage.....	781	1,351	228	299	28	130	51	651	161	515
Number in 1900.....	646	847	76	199	15	56	50	598	49	407
Native white—Foreign parentage.....	432	950	119	170	12	70	33	335	107	304
Native white—Mixed parentage.....	349	401	109	129	16	60	18	316	54	212
Foreign-born white.....	456	831	237	286	19	75	36	327	165	377
Number in 1900.....	491	805	127	216	18	80	28	446	51	219
Negro.....	144	280	22	161	10	3	2	10	9	13
Number in 1900.....	179	122	11	124	.....	4	.....	14	8	19
Indian, Chinese, and Japanese.....	13	1	.....	.....	.....	.....	.....	.....	.....	.....
PER CENT OF TOTAL.										
Native white—Native parentage.....	77.8	52.6	70.6	67.2	82.3	76.9	79.0	78.3	67.7	79.2
Native white—Foreign or mixed parentage.....	12.4	26.3	13.8	13.2	8.7	14.4	12.1	14.3	15.5	11.8
Foreign-born white.....	7.3	16.2	14.3	12.6	5.9	8.3	8.5	7.2	15.9	8.7
Negro.....	2.3	4.9	1.3	7.1	3.1	0.3	0.5	0.2	0.9	0.3
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	244	401	136	211	14	45	29	196	86	136
Having first papers.....	30	195	29	18	1	4	2	38	27	9
Alien.....	63	72	37	30	.....	20	3	17	43	161
Unknown.....	129	163	35	27	4	6	2	78	9	71
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	168	68	56	78	1	9	6	80	31	41
Per cent illiterate.....	2.7	1.3	3.4	3.4	0.3	1.0	1.4	2.0	3.0	0.9
Per cent in 1900.....	5.5	3.0	2.8	3.3	1.8	1.4	.....	2.5	2.1	1.6
Native white, number illiterate.....	98	18	19	25	1	6	1	74	4	32
Per cent illiterate.....	1.7	0.4	1.4	1.4	0.3	0.7	0.3	1.8	0.5	0.8
Foreign-born white, number illiterate.....	39	39	36	37	.....	3	5	15	27	7
Per cent illiterate.....	8.6	4.7	15.2	12.9	.....	.....	.....	4.6	16.4	1.9
Negro, number illiterate.....	31	11	1	16	.....	.....	.....	1	.....	2
Per cent illiterate.....	21.5	4.4	.....	9.9	.....	.....	.....	.....	.....	.....
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	16,865	10,479	4,350	6,265	804	2,290	973	12,332	2,543	11,214
Number illiterate.....	321	139	101	184	5	27	7	168	49	80
Per cent illiterate.....	1.9	1.3	2.3	2.9	6.6	1.2	0.7	1.4	1.9	0.8
Native white, number.....	15,668	8,612	3,857	5,294	756	2,173	917	11,722	2,230	10,588
Number illiterate.....	179	47	33	56	5	22	1	134	8	67
Per cent illiterate.....	1.1	0.5	0.9	1.1	0.7	1.0	0.1	1.1	0.4	0.6
Foreign-born white, number.....	785	1,350	448	510	31	106	54	583	295	595
Number illiterate.....	58	61	65	95	.....	5	6	31	41	19
Per cent illiterate.....	7.0	4.5	14.5	18.6	.....	4.7	.....	5.3	13.9	3.2
Negro, number.....	392	509	45	461	17	11	2	27	13	31
Number illiterate.....	82	31	3	33	.....	.....	.....	3	.....	4
Per cent illiterate.....	20.9	6.1	.....	7.2	.....	.....	.....	.....	.....	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	4,542	2,364	1,448	2,152	269	709	274	3,629	706	3,229
Number illiterate.....	18	4	5	22	2	3	.....	4	7	9
Per cent illiterate.....	0.4	0.2	0.3	1.0	0.7	0.4	.....	0.1	1.0	0.3
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	6,188	3,211	2,080	3,031	372	999	410	5,040	1,002	4,473
Number attending school.....	4,578	2,967	1,637	2,145	284	768	340	3,812	723	3,518
Per cent attending school.....	74.0	64.4	78.7	70.8	76.3	76.9	82.9	75.6	72.2	75.3
Number 6 to 9 years.....	1,646	847	632	879	103	280	136	1,411	296	1,344
Number attending school.....	1,384	683	549	614	83	235	119	1,128	236	1,156
Number 10 to 14 years.....	2,015	987	734	1,018	137	336	139	1,658	331	1,512
Number attending school.....	1,948	948	724	967	130	325	137	1,608	312	1,451
Number 15 to 17 years.....	1,228	608	341	579	65	195	73	994	177	915
Number attending school.....	918	354	254	431	43	152	62	787	129	678
Number 18 to 20 years.....	1,299	769	373	555	67	178	62	977	198	902
Number attending school.....	328	82	110	133	23	56	22	289	46	233
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	3,661	1,834	1,366	1,897	240	626	275	3,069	627	2,856
Number attending school.....	3,332	1,631	1,278	1,581	213	560	256	2,806	548	2,607
Per cent attending school.....	91.0	88.9	93.2	83.3	88.8	89.5	93.1	89.1	87.4	91.3
Native white—Native parentage, number.....	3,308	1,289	1,094	1,354	208	554	252	2,733	460	2,656
Number attending school.....	3,011	1,141	1,017	1,181	190	496	234	2,420	418	2,420
Per cent attending school.....	91.0	88.5	93.0	87.2	91.3	89.5	92.9	88.5	90.9	91.1
Native white—Foreign or mixed parentage, number.....	256	449	207	309	27	66	23	318	143	192
Number attending school.....	242	403	196	298	23	60	22	298	114	181
Per cent attending school.....	94.5	89.8	94.7	74.7	.....	.....	.....	93.7	79.7	94.3
Foreign-born white, number.....	7	26	59	21	.....	2	.....	11	19	6
Number attending school.....	4	24	54	6	.....	.....	.....	11	14	5
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Negro, number.....	77	68	6	123	5	4	.....	7	5	2
Number attending school.....	64	61	6	96	.....	4	.....	7	2	1
Per cent attending school.....	.....	.....	.....	78.0	.....	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES										
Dwellings, number.....	5,192	2,485	1,326	1,813	304	830	385	3,754	875	3,294
Families, number.....	5,254	2,562	1,353	1,838	304	830	386	3,771	912	3,330

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

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Harvey. ¹	Haskell. ¹	Hodge- man. ¹	Jackson.	Jefferson.	Jewell.	Johnson.	Kearny. ¹	King- man. ¹	Kiowa. ¹	Labette.
POPULATION											
Total population, 1910.....	19,200	993	2,930	16,861	15,826	18,148	18,288	3,206	13,386	6,174	31,423
1900.....	17,691	457	2,032	17,117	17,533	19,420	18,104	1,107	10,663	2,365	27,387
1890.....	17,601	1,077	2,395	14,026	16,620	19,349	17,385	1,571	11,823	2,873	27,586
1880.....	11,451		1,704	10,718	15,563	17,475	16,853	159	3,713		22,735
1870.....				6,053	12,520	207	13,684				9,973
Increase, 1900-1910.....	1,609	536	898	-256	-1,707	-1,272	184	2,090	2,723	3,809	4,036
Per cent of increase.....	9.1	117.3	44.2	-1.5	-9.7	-6.5	1.0	189.6	25.5	161.1	14.7
Increase, 1890-1900.....	-10	-620	-363	* 1,480	913	71	719	-464	-1,160	-503	-199
Per cent of increase.....	-0.1	-57.6	-15.2	* 10.1	5.5	0.4	4.1	-29.5	-9.8	-17.7	-0.7
Land area (square miles).....	540	577	558	675	543	900	486	853	867	723	643
Population per square mile, 1910.....	35.6	1.7	3.4	25.0	29.1	20.2	37.6	3.8	15.4	8.5	48.9
Rural population per square mile, 1910.....	21.0	1.7	3.4	20.8	29.1	20.2	30.9	3.8	12.5	8.5	29.5
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	7,862			2,842			3,272		2,570		12,463
Same places in 1900.....	6,208			3,082			3,451		1,785		7,682
Per cent of increase, 1900-1910.....	26.6			-7.8			-5.2		44.0		62.2
Rural, 1910—Remainder of county in 1910.....	11,338	993	2,930	14,019	15,826	18,148	15,016	3,206	10,816	6,174	19,960
Same territory in 1900.....	11,383	457	2,032	14,035	17,533	19,420	14,653	1,107	8,878	2,365	19,705
Per cent of increase, 1900-1910.....	-0.4	117.3	44.2	-0.1	-9.7	-6.5	2.5	189.6	21.8	161.1	-3.8
Urban, 1900—Places of 2,500 or more in 1900.....	6,208			3,082			3,451				7,682
Rural, 1900—Remainder of county in 1900.....	11,383	457	2,032	14,035	17,533	19,420	14,653	1,107	10,663	2,365	19,705
Per cent in places of 2,500 or more, 1910.....	40.9			18.0			17.9		19.2		39.7
Per cent in places of 2,500 or more, 1900.....	35.3			18.0			19.1				28.0
COLOE AND NATIVITY											
White.....	18,768	984	2,863	15,974	15,373	18,148	17,677	3,200	13,352	6,160	29,626
Number in 1900.....	17,312	457	1,967	16,848	16,845	18,413	17,290	1,108	10,603	2,556	26,021
Number in 1890.....	17,323	1,077	2,240	14,421	16,959	19,348	16,407	1,563	11,740	2,868	26,623
Negro.....	415	9	67	153	451		611	1	32	8	1,756
Number in 1900.....	273		125	177	688		810	1	60	9	1,737
Number in 1890.....	276		203	661	3		899	8	83	15	3,045
Black.....	329		67	139	287		432	1	32	8	1,340
Mulatto.....	86	9		14	164		179				416
Indian, Chinese, and Japanese (see Tables 1 and 14).....	17			734	2			5	2	6	42
Native white—Native parentage.....	11,991	910	2,057	12,456	12,582	15,149	13,913	2,131	10,621	5,393	25,594
Number in 1900.....	10,697	396	1,201	12,429	13,665	15,333	13,394	822	8,894	1,872	21,689
Native white—Foreign or mixed parentage.....	4,424	45	582	2,626	2,141	2,257	2,672	580	2,112	564	3,069
Number in 1900.....	4,266	59	478	2,267	2,488	2,631	2,780	187	1,316	283	3,066
Native white—Foreign parentage.....	2,949	29	413	1,264	939	1,061	1,418	400	1,160	277	1,453
Native white—Mixed parentage.....	1,475	16	169	1,362	1,202	1,196	1,264	180	952	283	1,613
Foreign-born white.....	2,353	29	224	892	650	742	1,092	429	619	197	962
Number in 1900.....	2,360	22	230	1,058	692	809	1,116	87	423	101	970
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	62.5	91.6	70.2	73.9	79.5	83.5	76.1	66.5	79.3	87.4	81.4
Per cent in 1900.....	60.8	88.7	59.1	72.6	77.9	81.8	74.0	74.3	83.1	83.4	78.8
Native white—Foreign or mixed parentage.....	23.0	4.5	19.9	15.6	12.4	14.6	14.6	18.1	15.8	9.2	9.8
Per cent in 1900.....	24.2	8.5	23.4	16.7	14.2	15.5	15.4	18.9	12.3	12.0	11.3
Foreign-born white.....	12.3	2.9	7.6	5.3	4.1	4.1	6.0	15.3	4.6	3.2	3.1
Per cent in 1900.....	13.4	4.8	11.3	6.1	3.9	4.7	6.2	8.8	4.0	4.3	3.5
Negro.....	2.2	0.9	2.3	0.9	2.8		3.3		0.2	0.1	5.6
Per cent in 1900.....	1.6		6.2	1.0	3.9	(*)	4.5	(*)	0.1	0.4	6.3
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	31		46	49	6	40	37	17	36	9	21
Belgium.....			1	10	3		114		3		17
Canada—French.....	4		1	7	2	4	12		4		5
Canada—Other.....	82	1		70	29	65	53	8	19	8	82
Denmark.....	5		22	77	4	27	26	5	4	6	30
England.....	140	2	9	72	92	75	114	19	43	22	144
France.....	9		5	9	9	1	23		8	1	33
Germany.....	933	20	79	340	219	155	339	56	281	53	292
Greece.....	6		5	10	24				2		4
Holland.....	2		3	1	2	39	8	1	3		6
Hungary.....	2			1	1				10		4
Ireland.....	72	2	11	90	80	39	101	6	42	6	156
Italy.....			3	3	28		1				1
Mexico.....	395		4	34	59	78	79	57	58	54	9
Norway.....	5		1	5	4	74	6	1	2		5
Russia.....	500	4	22	8	11	7	9	302	44	23	14
Scotland.....	32		7	26	17	18	35	1	17	3	32
Sweden.....	23		4	19	21	71	51	4	12	9	72
Switzerland.....	50		4	46	37	14	55	4	15	2	17
Wales.....	50		20	5	3		7	2	5		4
Other foreign countries.....	0		5	11	8		2		11	1	8
NATIVE WHITE: Both parents born in—											
Austria.....	21		58	34	7	44	28	3	45	2	12
Canada—French.....	18		11	5	5	8	18		6		5
Canada—Other.....	35	1	3	9	7	45	25	3	5	2	35
Denmark.....	3		31	90	2	32	6	1	1		43
England.....	91	3	19	89	106	64	122	17	49	22	118
France.....	14		2	10	4	6	13	1	11		33
Germany.....	1,253	15	150	542	408	297	521	101	641	114	401
Holland.....	3		1	2	4	92	2		6	1	4
Hungary.....							42		7		7
Ireland.....	137	4	44	209	184	103	258	14	94	18	310
Italy.....			3	3	1						3
Norway.....	6		1	4	7	102	7		1		5
Russia.....	885	2	49	6	13	8	6	218	123	70	11
Scotland.....	30		10	12	19	26	20	4	30	12	52
Sweden.....	24	1	8	21	10	73	39	5	14	9	88
Switzerland.....	64		3	51	32	9	22	5	17	3	10
Wales.....	45		1	15	6		7		6		8
All others of foreign parentage.....	320	3	33	155	124	151	288	23	104	19	218

¹ For changes in boundaries, etc., see page 622.² See note on page 622.³ Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Harvey. ¹	Haskell. ¹	Hodge- man. ¹	Jackson.	Jefferson.	Jewell.	Johnson.	Kearny. ¹	King- man. ¹	Kiowa. ¹	Labette.
SEX											
Total..Male.....	10,063	563	1,615	8,817	8,236	9,497	9,458	1,817	7,062	3,379	16,065
Female.....	9,137	430	1,315	8,044	7,590	8,651	8,630	1,389	6,324	2,795	15,358
White..Male.....	9,832	557	1,582	8,306	7,980	9,497	9,160	1,814	7,041	3,371	15,145
Female.....	8,936	427	1,281	7,668	7,393	8,651	8,517	1,386	6,311	2,789	14,480
Negro..Male.....	216	6	33	72	254	—	298	1	19	3	899
Female.....	199	3	34	81	197	—	313	—	13	5	857
MALES OF VOTING AGE											
Total number.....	5,948	289	846	4,906	4,641	5,248	5,610	987	3,759	1,812	9,342
Number in 1900.....	4,841	150	590	4,709	4,777	5,366	5,501	328	2,852	699	7,430
Native white—Native parentage.....	3,395	255	540	3,277	3,328	4,023	3,940	654	2,778	1,493	7,177
Number in 1900.....	2,838	101	539	3,155	3,458	4,147	3,644	224	2,276	558	5,668
Native white—Foreign or mixed parentage.....	1,142	16	172	828	774	801	867	124	606	175	1,101
Number in 1900.....	780	15	95	773	750	702	728	48	328	75	899
Native white—Foreign parentage.....	777	6	131	456	429	443	511	71	335	100	642
Native white—Mixed parentage.....	365	10	41	342	345	358	356	53	220	75	459
Foreign-born white.....	1,262	16	115	532	597	424	620	207	301	141	548
Number in 1900.....	1,153	14	118	570	412	506	621	68	235	62	523
Negro.....	135	2	19	42	140	—	183	1	12	2	510
Number in 1900.....	78	—	38	45	177	—	213	—	7	4	417
Indian, Chinese, and Japanese.....	14	—	—	227	2	—	—	1	15	1	6
PER CENT OF TOTAL											
Native white—Native parentage.....	57.1	88.2	63.8	66.8	71.7	76.7	70.2	66.3	73.9	82.4	76.8
Native white—Foreign or mixed parentage.....	19.2	5.5	20.3	16.9	16.7	15.3	15.5	12.6	16.1	9.7	11.8
Foreign-born white.....	21.2	5.5	13.6	10.8	8.6	8.1	11.1	21.0	9.6	7.8	5.9
Negro.....	2.3	0.7	2.2	0.9	3.0	—	3.3	0.1	0.3	0.1	5.5
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	710	16	85	318	208	193	381	73	231	69	321
Having first papers.....	93	—	4	48	8	11	61	62	21	4	9
Alien.....	279	—	6	57	66	70	98	62	45	52	19
Unknown.....	240	—	20	111	115	160	80	10	64	16	199
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	251	—	19	215	126	57	129	51	80	50	264
Per cent illiterate.....	4.2	—	2.2	4.4	2.7	1.1	2.3	5.2	2.1	2.8	2.8
Per cent in 1900.....	2.0	—	6.1	5.1	3.7	1.5	4.1	0.3	1.1	1.7	3.6
Native white, number illiterate.....	31	—	9	53	56	32	53	8	30	15	134
Per cent illiterate.....	0.7	—	1.3	1.3	1.4	0.7	1.1	1.0	0.9	0.9	1.6
Foreign-born white, number illiterate.....	206	—	8	28	37	25	32	43	48	34	25
Per cent illiterate.....	16.3	—	7.0	5.3	9.3	5.9	5.2	20.8	13.3	24.1	4.6
Negro, number illiterate.....	14	—	2	5	33	—	44	—	2	1	105
Per cent illiterate.....	10.4	—	—	—	23.6	—	24.0	—	—	—	20.6
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	15,283	727	2,225	13,193	12,386	13,908	14,723	2,349	10,297	4,544	25,036
Number illiterate.....	428	—	37	421	232	143	269	106	126	78	571
Per cent illiterate.....	2.8	—	1.7	3.2	1.9	1.0	1.8	4.5	1.2	1.7	2.3
Native white, number.....	12,649	694	1,957	11,645	11,393	13,168	13,158	1,908	9,651	4,385	22,636
Number illiterate.....	69	—	15	116	93	106	106	16	56	35	281
Per cent illiterate.....	0.5	—	0.8	1.0	0.9	0.7	0.8	0.8	0.6	0.8	1.2
Foreign-born white, number.....	2,289	29	215	886	644	740	1,069	437	613	196	656
Number illiterate.....	323	—	18	57	61	50	64	90	65	41	52
Per cent illiterate.....	14.1	—	8.4	6.4	9.5	6.8	6.0	20.6	10.6	20.9	5.4
Negro, number.....	329	—	53	123	347	—	496	1	31	7	1,416
Number illiterate.....	86	—	4	16	63	—	99	—	5	2	237
Per cent illiterate.....	10.9	—	—	13.0	18.2	—	20.0	—	—	—	16.7
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	4,247	233	710	3,878	3,552	4,017	3,926	681	3,361	1,388	6,874
Number illiterate.....	54	—	—	35	7	33	10	12	11	10	44
Per cent illiterate.....	1.3	—	—	0.9	0.2	0.8	0.3	1.8	0.3	0.7	0.6
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	5,776	329	982	5,293	4,934	5,600	5,335	992	4,525	1,966	9,330
Number attending school.....	4,003	259	766	3,794	3,794	4,268	3,933	745	3,811	1,339	6,638
Per cent attending school.....	69.3	78.7	78.0	71.7	78.6	76.2	73.7	75.1	78.2	68.1	71.1
Number 6 to 9 years.....	1,529	96	272	1,415	1,332	1,583	1,409	311	1,164	578	2,456
Number attending school.....	1,265	90	216	1,084	1,134	1,367	1,169	262	953	422	2,033
Number 10 to 14 years.....	1,814	122	316	1,756	1,676	1,793	1,817	336	1,517	609	3,055
Number attending school.....	1,754	119	305	1,698	1,603	1,742	1,751	320	1,457	586	2,918
Number 15 to 17 years.....	1,163	56	226	1,071	929	1,106	1,121	176	898	348	1,949
Number attending school.....	735	44	184	770	663	854	791	133	644	248	1,301
Number 18 to 20 years.....	1,270	55	168	1,051	947	1,118	988	169	946	431	1,870
Number attending school.....	249	6	61	242	224	315	222	30	257	83	388
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	3,343	218	588	3,171	3,058	3,376	3,226	647	2,681	1,187	5,511
Number attending school.....	3,019	209	521	2,782	2,737	3,099	2,920	582	2,410	1,008	4,949
Per cent attending school.....	90.3	95.9	88.6	87.7	89.5	91.8	90.5	90.0	89.9	84.9	89.8
Native white—Native parentage, number.....	2,213	205	454	2,555	2,684	3,043	2,641	412	2,245	1,066	4,735
Number attending school.....	2,021	197	407	2,256	2,408	2,787	2,394	379	2,016	897	4,256
Per cent attending school.....	91.3	96.1	89.8	88.0	89.5	91.6	90.6	92.0	89.8	84.1	89.9
Native white—Foreign or mixed parentage, number.....	981	9	114	425	287	332	435	142	426	117	397
Number attending school.....	882	9	99	385	264	311	396	127	383	109	356
Per cent attending school.....	89.9	—	86.8	90.6	92.0	93.7	91.0	89.4	91.1	93.2	89.7
Foreign-born white, number.....	75	1	9	8	7	1	32	91	6	2	10
Number attending school.....	51	1	5	7	7	1	28	74	4	—	9
Per cent attending school.....	—	—	—	—	—	—	—	—	—	—	—
Negro, number.....	74	3	11	30	80	—	118	—	4	2	352
Number attending school.....	65	2	10	24	63	—	102	—	2	2	313
Per cent attending school.....	—	—	—	—	—	—	86.4	—	—	—	83.9
DWELLINGS AND FAMILIES											
Dwellings, number.....	4,297	264	660	3,958	3,754	4,244	4,493	825	2,923	1,336	7,464
Families, number.....	4,415	266	674	4,011	3,789	4,275	4,549	828	2,975	1,370	7,683

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 I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Lane. ¹	Leavenworth.	Lincoln.	Linn.	Logan. ¹	Lyon.	MoPherson. ¹	Marion. ¹	Marshall.	Meade. ¹	Miami.
POPULATION											
Total population, 1910.....	2,603	41,207	10,142	14,735	4,240	24,327	21,521	22,415	23,880	5,055	20,030
1900.....	1,563	40,940	9,886	16,689	1,962	25,074	21,421	20,676	24,355	1,581	21,641
1890.....	2,060	38,455	9,709	17,215	3,384	23,196	21,614	20,539	23,912	2,542	19,614
1880.....	601	32,355	8,532	15,298	.....	17,326	17,143	12,453	16,136	296	17,802
1870.....	.....	32,444	516	12,174	.....	8,014	738	768	6,901	.....	11,725
Increase, 1900-1910.....	1,040	267	256	-1,954	2,278	-147	100	1,739	-475	3,474	-1,611
Per cent of increase.....	66.5	0.7	2.6	-11.7	116.1	-0.6	0.5	8.4	-2.0	219.7	-7.4
Increase, 1890-1900.....	-497	2,455	177	-526	-1,422	1,878	-193	137	443	-961	2,027
Per cent of increase.....	-24.1	6.4	1.8	-3.1	-42.0	8.1	-0.9	0.7	1.9	-37.8	10.3
Land area (square miles).....	715	440	721	613	1,082	845	900	971	905	984	602
Population per square mile, 1910.....	3.6	93.7	14.1	24.0	3.9	29.5	23.9	23.1	26.4	5.1	33.3
Rural population per square mile, 1910.....	3.6	49.6	14.1	24.0	3.9	18.8	20.0	23.1	26.4	5.1	21.2
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	.....	19,363	.....	.....	.....	9,058	3,546	.....	.....	.....	7,253
Same places in 1900.....	.....	20,735	.....	.....	.....	8,223	2,996	.....	.....	.....	7,335
Per cent of increase, 1900-1910.....	.....	-6.6	.....	.....	.....	10.2	18.4	.....	.....	.....	-1.1
Rural, 1910—Remainder of county in 1910.....	2,603	21,844	10,142	14,735	4,240	15,869	17,975	22,415	23,880	5,055	12,777
Same territory in 1900.....	1,563	20,205	9,886	16,689	1,962	10,851	18,425	20,676	24,355	1,581	14,306
Per cent of increase, 1900-1910.....	66.5	8.1	2.6	-11.7	116.1	-5.8	-2.4	8.4	-2.0	219.7	-10.7
Urban, 1900—Places of 2,500 or more in 1900.....	.....	20,735	.....	.....	.....	8,223	2,996	.....	.....	.....	7,335
Rural, 1900—Remainder of county in 1900.....	1,563	20,205	9,886	16,689	1,962	16,851	18,425	20,676	24,355	1,581	14,306
Per cent in places of 2,500 or more, 1910.....	.....	47.0	.....	.....	.....	36.3	16.5	.....	.....	.....	36.2
Per cent in places of 2,500 or more, 1900.....	.....	50.6	.....	.....	.....	32.8	14.0	.....	.....	.....	33.9
COLOR AND NATIVITY											
White.....	2,602	37,042	10,115	14,408	3,942	24,138	21,518	22,283	23,636	5,023	19,155
Number in 1900.....	1,563	36,209	9,849	16,053	1,947	24,099	21,391	20,565	24,089	1,676	20,623
Number in 1890.....	2,057	34,000	9,666	16,433	3,359	22,163	21,563	20,389	23,025	2,518	18,674
Negro.....	1	4,071	27	323	298	786	3	132	244	32	873
Number in 1900.....	.....	4,498	37	623	16	973	30	111	266	6	1,016
Number in 1890.....	3	4,465	42	777	25	1,031	50	150	286	75	937
Black.....	1	3,182	27	235	31	474	3	116	222	27	723
Mulatto.....	.....	889	.....	88	267	312	.....	16	22	5	147
Indian, Chinese, and Japanese (see Tables 1 and 14).....	94	.....	.....	4	.....	3	.....	.....	.....	.....	2
Native white—Native parentage.....	2,205	23,264	6,853	13,096	3,113	17,717	9,609	9,682	14,331	4,010	16,095
Number in 1900.....	1,291	19,321	6,236	14,348	1,464	17,230	8,327	8,421	13,797	1,204	16,750
Native white—Foreign or mixed parentage.....	295	9,198	2,353	1,023	560	4,502	8,080	8,239	6,693	771	2,153
Number in 1900.....	193	10,577	2,464	1,342	334	4,677	7,390	7,342	7,105	238	2,718
Native white—Foreign parentage.....	145	5,686	1,485	415	334	2,473	6,043	6,321	4,042	419	1,131
Native white—Mixed parentage.....	150	3,512	868	608	226	2,029	2,037	1,918	2,651	352	1,025
Foreign-born white.....	102	4,580	909	289	269	1,919	3,829	4,362	2,612	242	903
Number in 1900.....	74	5,881	1,099	363	149	2,192	4,584	4,802	3,187	85	1,155
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	84.7	56.5	67.6	88.9	73.4	71.1	44.6	43.2	60.0	79.3	80.4
Per cent in 1890.....	82.6	48.4	63.6	86.0	74.6	68.7	41.2	40.7	56.6	76.2	77.4
Native white—Foreign or mixed parentage.....	11.3	22.3	23.2	0.9	13.2	18.1	37.5	36.8	28.0	15.3	10.8
Per cent in 1900.....	12.7	25.9	24.9	8.0	17.0	18.7	37.3	35.5	29.2	18.1	12.6
Foreign-born white.....	3.9	11.1	9.0	2.0	6.3	7.7	17.8	19.5	10.9	4.8	4.5
Per cent in 1900.....	4.7	14.4	11.1	2.2	7.0	8.7	21.4	23.2	13.1	5.4	5.3
Negro.....	(²)	9.9	0.3	2.2	7.0	3.2	(²)	0.6	1.0	0.6	4.4
Per cent in 1890.....	.....	11.0	0.4	3.8	0.8	3.9	0.1	0.5	1.1	0.4	4.7
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	5	221	104	7	3	20	18	224	237	1	11
Belgium.....	.....	12	2	3	.....	4	1	14	6	3	2
Canada—French.....	.....	29	1	1	.....	6	7	6	4	1	4
Canada—Other.....	5	143	20	31	18	87	34	98	202	19	83
Denmark.....	.....	36	164	1	6	83	57	115	76	1	9
England.....	11	334	35	86	18	172	59	107	192	18	67
France.....	1	57	5	1	1	21	6	20	18	1	5
Germany.....	25	2,112	409	91	60	540	322	661	903	58	404
Greece.....	8	12	.....	18	5	5	.....	9	49	.....	15
Holland.....	.....	43	2	2	2	8	2	14	5	.....	17
Hungary.....	.....	39	.....	.....	.....	5	1	3	36	.....	1
Ireland.....	19	760	48	28	9	99	11	58	199	11	115
Italy.....	.....	121	.....	1	1	35	2	1	11	.....	4
Mexico.....	1	27	5	.....	2	224	91	133	2	45	10
Norway.....	.....	32	13	1	4	10	29	3	12	8	3
Russia.....	9	266	14	2	77	36	873	2,709	12	59	10
Scotland.....	3	108	24	10	1	51	21	27	56	3	35
Sweden.....	7	90	42	10	31	129	2,257	70	433	5	68
Switzerland.....	.....	75	18	6	3	36	17	27	114	3	13
Wales.....	8	20	.....	3	1	342	6	12	32	2	10
Other foreign countries.....	.....	43	3	4	14	6	15	51	13	.....	17
NATIVE WHITE: Both parents born in—											
Austria.....	12	122	133	2	2	22	18	210	301	2	2
Canada—French.....	.....	13	2	1	1	5	31	12	14	.....	1
Canada—Other.....	2	23	12	22	4	41	27	40	70	.....	20
Denmark.....	.....	17	214	.....	10	30	45	105	81	2	2
England.....	12	225	49	86	21	158	53	76	197	15	78
France.....	.....	88	6	2	1	22	8	17	18	1	8
Germany.....	51	2,983	740	150	82	958	572	905	1,703	114	621
Holland.....	.....	18	.....	2	2	2	1	12	5	.....	1
Hungary.....	.....	10	.....	.....	.....	1	.....	.....	.....	.....	19
Ireland.....	17	1,141	101	73	12	192	37	113	495	29	200
Italy.....	.....	48	.....	1	.....	.....	.....	1	1	.....	1
Norway.....	9	16	.....	6	.....	4	23	5	4	12	2
Russia.....	6	162	12	5	115	33	1,994	4,191	6	176	.....
Scotland.....	1	76	24	15	8	63	34	23	48	2	24
Sweden.....	14	72	42	6	50	170	2,934	96	579	7	25
Switzerland.....	1	49	18	7	1	58	18	15	148	2	8
Wales.....	7	22	1	3	1	403	5	7	25	1	14
All others of foreign parentage.....	22	667	115	43	18	261	243	492	347	52	105

¹ For changes in boundaries, etc., see page 622.

² Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Lane. ¹	Leavenworth.	Lincoln.	Linn.	Logan. ¹	Lyon.	McPherson. ¹	Marion. ¹	Marshall.	Meade. ¹	Miami.
SEX											
Total.. Male	1,440	23,945	5,239	7,561	2,310	12,611	11,213	11,636	12,419	2,729	10,355
Female	1,163	17,262	4,873	7,174	1,930	12,316	10,308	10,779	11,461	2,326	9,875
White.. Male	1,440	21,470	5,256	7,385	2,165	12,227	11,212	11,561	12,297	2,712	9,891
Female	1,163	15,572	4,859	7,023	1,777	11,911	10,306	10,722	11,339	2,311	9,264
Negro.. Male	1	2,385	13	174	145	381	1	75	122	17	462
Female	1	1,686	14	149	153	405	2	57	122	15	411
MALES OF VOTING AGE											
Total number	784	16,451	2,584	4,244	1,274	7,373	6,227	6,069	7,042	1,475	6,267
Number in 1900	422	14,499	2,665	4,661	591	6,968	5,717	5,129	6,722	489	6,355
Native white—Native parentage	607	8,815	1,708	3,559	892	4,792	2,402	2,451	3,579	1,090	4,715
Number in 1900	328	6,481	1,590	3,836	397	4,477	2,286	2,187	3,441	559	4,642
Native white—Foreign or mixed parentage	102	3,024	666	394	143	1,266	1,769	1,434	1,942	233	725
Number in 1900	45	2,935	466	416	98	1,061	1,042	688	1,668	87	758
Native white—Foreign parentage	60	2,066	482	177	83	793	1,493	1,104	1,356	145	459
Native white—Mixed parentage	42	958	184	217	60	473	276	330	585	88	266
Foreign-born white	75	2,766	483	184	155	1,087	2,055	2,131	1,450	142	530
Number in 1900	49	3,488	597	236	89	1,163	2,380	2,222	1,722	57	645
Negro	1,758	7	106	84	225	1	53	71	10	295	
Number in 1900	1,491	16	172	7	265	9	32	63	8	287	
Indian, Chinese, and Japanese	85			1		3					2
PER CENT OF TOTAL.											
Native white—Native parentage	77.4	53.6	59.6	83.9	70.0	65.0	38.6	40.4	50.8	73.9	75.2
Native white—Foreign or mixed parentage	13.0	18.4	23.3	9.3	11.2	17.2	28.4	23.6	27.6	15.8	11.6
Foreign-born white	9.6	16.8	16.9	4.3	12.2	14.7	33.0	35.1	20.6	9.6	8.5
Negro		10.7	0.2	2.5	6.6	3.1	(*)	0.9	1.0	0.7	4.7
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized	44	1,557	330	96	79	539	1,593	1,403	900	84	241
Having first papers	4	112	31		13	66	117	183	95	11	13
Alien	14	176	12	4	25	207	134	310	137	32	25
Unknown	13	921	110	84	38	275	211	255	318	15	251
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate	16	596	35	76	16	251	146	296	135	18	286
Per cent illiterate	2.0	3.6	1.2	1.8	1.3	3.4	2.3	4.9	1.9	1.2	4.6
Per cent in 1900	2.1	7.8	3.7	2.6	0.7	2.5	2.9	4.7	2.4	1.9	5.1
Native white, number illiterate	8	174	20	53	3	61	37	32	74	9	153
Per cent illiterate	1.1	1.5	0.8	1.3	0.3	1.0	0.9	0.8	1.3	0.7	2.8
Foreign-born white, number illiterate	8	138	13	4	11	145	109	260	54	9	55
Per cent illiterate		5.0	2.7	2.2	7.1	13.4	5.3	12.2	3.7	6.3	10.4
Negro, number illiterate		277	2	19	2	44		4	7		78
Per cent illiterate		15.8		17.9		19.6					26.4
PERSONS 10 YEARS OLD AND OVER.											
Total number	1,981	34,389	7,630	11,470	3,165	19,902	16,763	16,862	18,669	3,763	16,170
Number illiterate	23	1,041	79	166	29	424	412	718	295	35	520
Per cent illiterate	1.2	3.0	1.0	1.4	0.9	2.1	2.5	4.3	1.6	0.9	3.2
Native white, number	1,879	26,231	6,714	10,916	2,604	17,363	12,966	12,577	15,877	3,505	14,536
Number illiterate	9	292	36	123	8	118	86	72	151	19	263
Per cent illiterate	0.5	1.1	0.5	1.1	0.3	0.7	0.7	0.6	1.0	0.5	1.8
Foreign-born white, number	102	4,514	895	239	203	1,901	3,795	4,170	2,590	235	900
Number illiterate	14	247	39	8	13	219	326	632	124	14	105
Per cent illiterate	13.7	5.5	4.4	2.8	4.9	11.5	8.6	15.2	4.8	6.0	11.7
Negro, number		3,550	21	263	208	635	2	115	202	23	732
Number illiterate		493	4	35	8	87		14	20	2	152
Per cent illiterate		13.9		13.3	3.8	13.7		12.2	9.9		20.8
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number	634	7,826	2,366	3,243	983	5,570	4,968	5,467	5,369	1,156	4,140
Number illiterate	1	34	1	9	2	21	34	39	9	4	7
Per cent illiterate	0.2	0.4	(*)	0.3	0.2	0.4	0.7	0.7	0.2	0.3	0.2
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive	868	10,554	3,308	4,566	1,394	7,484	6,807	7,548	7,294	1,638	5,668
Number attending school	687	6,578	2,433	3,559	1,024	5,515	4,811	5,309	5,375	1,195	4,168
Per cent attending school	76.8	62.3	73.5	77.9	73.5	73.7	70.7	70.3	73.7	73.0	73.5
Number 6 to 9 years	234	2,728	942	1,323	411	1,914	1,839	2,081	1,925	482	1,528
Number attending school	197	2,079	766	1,181	328	1,638	1,424	1,575	1,697	384	1,250
Number 10 to 14 years	287	3,477	1,101	1,498	442	2,460	2,245	2,576	2,470	534	1,920
Number attending school	280	3,156	1,066	1,451	425	2,366	2,185	2,432	2,389	500	1,838
Number 15 to 17 years	161	2,039	628	885	294	1,470	1,354	1,457	1,432	307	1,125
Number attending school	132	1,068	446	705	217	1,073	904	949	991	226	854
Number 18 to 20 years	186	2,310	637	860	247	1,640	1,369	1,434	1,467	315	1,085
Number attending school	58	275	155	222	54	438	298	303	298	85	246
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number	521	6,205	2,043	2,821	853	4,374	4,084	4,657	4,395	1,016	3,448
Number attending school	477	5,235	1,532	2,632	753	4,004	3,609	4,057	4,036	884	3,088
Per cent attending school	91.6	84.4	89.7	93.3	88.3	91.5	88.4	87.1	93.0	87.0	89.6
Native white—Native parentage, number	470	4,020	1,526	2,046	656	3,354	1,997	1,921	3,074	848	2,986
Number attending school	428	3,422	1,379	2,476	593	3,086	1,748	1,700	2,853	732	2,668
Per cent attending school	91.1	85.1	90.4	93.6	88.9	92.0	87.5	88.5	93.0	86.3	89.4
Native white—Foreign or mixed parentage, number	49	1,544	496	128	130	864	2,053	2,445	1,237	156	310
Number attending school	47	1,315	427	116	115	784	1,833	2,123	1,173	147	287
Per cent attending school		85.2	87.9	90.6	88.5	90.7	89.3	86.8	93.3	94.2	92.6
Foreign-born white, number	2	77	22		11	21	34	274	27	7	8
Number attending school	2	51	18		11	14	23	219	21	3	6
Per cent attending school								79.9			
Negro, number		564	9	47	56	135		17	37	5	144
Number attending school		447	8	44	44	120		15	34	2	127
Per cent attending school		79.3				88.9					88.2
DWELLINGS AND FAMILIES											
Dwellings, number	609	8,071	2,241	3,637	1,040	5,837	4,864	4,656	5,412	1,156	4,564
Families, number	614	8,416	2,259	3,675	1,060	5,956	4,942	4,698	5,470	1,164	4,614

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

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Mitchell.	Montgomery.	Morris.	Morton. ¹	Nemaha.	Neosho.	Ness.	Norton. ¹	Osage.	Osborne.	Ottawa.
POPULATION											
Total population, 1910.....	14,089	49,474	12,397	1,333	19,072	23,754	5,883	11,614	19,905	12,827	11,811
1900.....	14,647	29,039	11,967	304	20,376	19,254	4,535	11,325	23,659	11,844	11,182
1890.....	15,037	23,104	11,381	724	19,249	18,561	4,944	10,617	25,062	12,083	12,581
1880.....	14,911	18,213	9,265	9	12,462	16,121	3,722	6,998	19,642	12,517	10,307
1870.....	485	7,564	2,225	.....	7,339	10,206	2	.....	7,648	33	2,127
Increase, 1900-1910.....	-558	20,435	430	1,029	-1,304	4,500	1,348	289	-3,754	983	629
Per cent of increase.....	-3.8	70.4	3.6	338.5	-6.4	23.4	29.7	2.6	-15.9	8.3	5.6
Increase, 1890-1900.....	-390	5,935	586	-420	1,127	693	-409	708	-1,403	-239	-1,399
Per cent of increase.....	-2.6	25.7	5.1	-58.0	5.9	3.7	-8.3	6.7	-5.6	-2.0	-11.1
Land area (square miles).....	713	644	696	718	716	580	1,079	876	718	894	712
Population per square mile, 1910.....	19.8	76.8	17.8	1.9	26.6	41.0	5.5	13.3	27.7	14.3	16.6
Rural population per square mile, 1910.....	15.4	28.6	14.2	1.9	26.6	25.0	5.5	13.3	27.7	14.3	16.6
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	3,082	31,068	2,545	.....	.....	9,272	.....	.....	.....	.....	.....
Same places in 1900.....	2,359	14,163	2,265	.....	.....	4,208	.....	.....	.....	.....	.....
Per cent of increase, 1900-1910.....	30.6	119.4	12.4	.....	.....	120.3	.....	.....	.....	.....	.....
Rural, 1910—Remainder of county in 1910.....	11,007	18,406	9,852	1,333	19,072	14,482	5,883	11,614	19,905	12,827	11,811
Same territory in 1900.....	12,288	14,876	9,702	304	20,376	15,046	4,535	11,255	23,659	11,844	11,182
Per cent of increase, 1900-1910.....	-10.4	23.7	1.5	338.5	-6.4	-3.7	29.7	2.6	-15.9	8.3	5.6
Urban, 1900—Places of 2,500 or more in 1900.....	.....	13,276	.....	.....	.....	4,208	.....	.....	2,792	.....	.....
Rural, 1900—Remainder of county in 1900.....	14,647	15,763	11,967	304	20,376	15,046	4,535	11,325	20,867	11,844	11,182
Per cent in places of 2,500 or more, 1910.....	21.9	62.8	20.5	.....	.....	39.0	.....	.....	.....	.....	.....
Per cent in places of 2,500 or more, 1900.....	.....	45.7	.....	.....	.....	21.9	.....	.....	11.8	.....	.....
COLOR AND NATIVITY											
White.....	14,043	46,368	12,080	1,313	18,908	23,376	5,883	11,586	19,543	12,753	11,709
Number in 1900.....	14,581	27,455	11,662	237	20,093	18,978	4,535	11,237	23,195	11,728	11,098
Number in 1890.....	14,855	22,146	10,884	717	19,034	18,217	4,943	10,680	24,333	11,976	12,608
Negro.....	46	2,966	317	20	164	376	.....	28	362	69	42
Number in 1900.....	68	1,593	405	17	273	.....	.....	38	523	118	34
Number in 1890.....	50	947	497	7	213	330	1	36	678	106	72
Black.....	43	2,329	258	4	153	128	.....	6	187	53	42
Mulatto.....	3	637	59	16	11	248	.....	22	175	16	.....
Indian, Chinese, and Japanese (see Tables 1 and 14).....	.....	140	.....	.....	.....	2	.....	.....	.....	.....	.....
Native white—Native parentage.....	10,525	40,147	8,661	1,201	12,839	19,759	4,357	9,655	12,746	10,210	8,831
Number in 1900.....	10,619	25,940	8,177	249	13,047	16,664	3,496	9,404	14,668	9,052	7,941
Native white—Foreign or mixed parentage.....	2,660	4,182	2,467	38	4,443	2,716	1,051	1,502	4,568	1,923	2,136
Number in 1900.....	2,899	6,078	2,803	20	5,080	2,479	766	1,431	5,634	1,958	2,217
Native white—Foreign parentage.....	1,381	2,070	1,389	34	2,569	1,344	609	687	2,738	934	1,025
Native white—Mixed parentage.....	1,279	2,112	1,078	54	1,874	1,372	442	815	1,830	989	1,110
Foreign-born white.....	858	2,039	952	24	1,626	901	475	429	2,229	625	803
Number in 1900.....	1,063	809	1,077	18	1,961	830	284	452	3,053	718	849
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	74.7	81.1	69.9	90.1	67.3	83.2	74.1	83.1	64.0	79.6	74.8
Per cent in 1900.....	72.5	82.4	68.3	81.9	64.0	81.4	77.1	83.0	61.6	78.4	71.0
Native white—Foreign or mixed parentage.....	18.9	8.5	19.9	6.6	23.3	11.4	17.9	12.9	22.9	15.0	18.1
Per cent in 1900.....	19.8	9.2	19.3	6.6	25.0	12.9	16.7	12.6	23.4	16.5	19.3
Foreign-born white.....	6.1	4.1	7.7	1.8	8.5	3.8	8.1	3.7	11.2	4.9	6.8
Per cent in 1900.....	7.8	2.8	9.0	5.9	9.6	4.3	6.5	4.0	12.8	6.0	8.4
Negro.....	0.3	6.0	2.6	1.5	0.9	1.6	.....	0.2	1.8	0.5	0.4
Per cent in 1900.....	0.5	5.5	3.4	5.6	1.4	1.5	.....	0.3	2.2	1.0	0.8
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	10	93	8	.....	17	8	23	7	5	5	54
Belgium.....	3	131	.....	.....	.....	31	.....	8	10	.....	4
Canada—French.....	2	15	2	.....	8	6	2	3	5	.....	7
Canada—Other.....	81	164	36	.....	85	114	18	33	56	48	87
Denmark.....	21	15	15	.....	23	20	2	19	77	8	78
England.....	53	247	89	4	156	86	34	58	420	94	164
France.....	13	72	8	.....	8	14	3	2	134	5	4
Germany.....	441	415	200	6	888	187	95	137	267	278	149
Greece.....	42	98	35	.....	28	.....	.....	.....	.....	34	5
Holland.....	17	6	2	.....	3	1	.....	31	7	15	2
Hungary.....	.....	1	.....	3	2	10	.....	.....	.....	.....	.....
Ireland.....	47	149	51	7	87	107	33	43	101	35	93
Italy.....	13	72	.....	.....	1	1	.....	1	82	.....	.....
Mexico.....	.....	230	41	.....	21	46	36	9	88	7	14
Norway.....	11	8	7	1	5	.....	2	11	7	.....	9
Russia.....	8	43	30	1	5	3	180	3	12	1	2
Scotland.....	18	46	28	.....	20	29	5	11	201	22	73
Sweden.....	84	55	327	.....	29	188	.....	13	549	16	43
Switzerland.....	34	32	6	.....	225	27	27	20	27	39	10
Wales.....	2	8	3	.....	12	11	6	3	164	4	1
Other foreign countries.....	8	155	4	2	3	12	6	15	7	7	4
NATIVE WHITE: Both parents born in—											
Austria.....	18	54	.....	.....	22	5	8	11	2	25	102
Canada—French.....	6	9	2	1	1	.....	1	4	1	6	17
Canada—Other.....	60	38	8	1	25	38	4	15	11	23	33
Denmark.....	20	6	24	3	13	13	1	10	72	19	80
England.....	59	206	96	2	137	113	38	56	386	71	172
France.....	1	6	4	.....	15	30	.....	1	91	3	5
Germany.....	823	811	493	16	1,429	433	175	268	470	495	240
Holland.....	10	5	3	.....	5	.....	1	40	13	22	.....
Hungary.....	.....	4	.....	2	.....	13	.....	.....	.....	.....	.....
Ireland.....	117	324	82	1	237	222	32	79	173	69	130
Italy.....	.....	20	.....	.....	1	.....	.....	1	139	.....	.....
Norway.....	3	4	11	.....	4	2	2	19	6	4	14
Russia.....	12	32	45	1	8	.....	161	4	9	2	2
Scotland.....	13	47	25	1	33	34	5	12	208	21	36
Sweden.....	42	62	417	3	29	218	4	19	682	22	48
Switzerland.....	27	35	15	.....	340	22	44	19	20	38	12
Wales.....	6	16	9	.....	4	10	.....	12	160	2	1
All others of foreign parentage.....	164	336	155	3	271	186	163	117	295	112	133

¹ For changes in boundaries, etc., see page 622.

* Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Mitchell.	Montgomery.	Morris.	Morton. ¹	Nemaha.	Neosho.	Ness.	Norton. ¹	Osage.	Osborne.	Ottawa.
SEX											
Total Male	7,220	25,924	8,537	758	9,775	12,230	3,129	5,992	10,344	6,679	6,126
Female	6,869	23,550	5,860	575	9,297	11,524	2,754	5,622	9,561	6,148	5,685
White Male	7,216	24,334	6,367	748	9,692	12,017	3,129	5,977	10,153	6,637	6,102
Female	6,827	22,034	5,713	565	9,216	11,359	2,754	5,609	9,390	6,121	5,667
Negro Male	4	1,523	170	10	83	212		15	191	42	24
Female	42	1,443	147	10	81	161		13	171	27	18
MALES OF VOTING AGE											
Total number	4,087	15,313	3,707	459	5,986	6,974	1,617	3,167	5,818	3,676	3,451
Number in 1900	4,006	8,142	3,391	106	5,523	5,205	1,227	3,005	6,401	3,176	3,173
Native white—Native parentage	2,837	11,748	2,325	391	3,181	5,419	1,110	2,468	3,364	2,722	2,327
Number in 1900	2,815	6,446	2,178	84	2,850	4,008	872	2,362	3,744	2,517	2,181
Native white—Foreign or mixed parentage	775	1,421	724	42	1,276	947	200	447	1,144	504	608
Number in 1900	624	535	505	3	1,173	674	502	1,019	712	424	512
Native white—Foreign parentage	475	706	470	26	358	533	163	254	770	335	380
Native white—Mixed parentage	297	625	254	22	438	411	97	193	374	231	228
Foreign-born white	473	1,182	507	16	860	489	247	244	1,207	395	440
Number in 1900	558	1,466	602	11	1,089	447	153	245	1,663	402	669
Negro	2	939	106	8	49	119		8	103	25	16
Number in 1900	13	394	106	8	50	76		8	154	32	20
Indian, Chinese, and Japanese		23									
PER CENT OF TOTAL.											
Native white—Native parentage	60.4	76.7	62.7	85.2	59.3	77.7	68.6	77.9	57.8	74.0	67.4
Native white—Foreign or mixed parentage	19.0	9.3	19.5	9.2	23.8	13.6	16.1	14.1	19.7	15.3	18.4
Foreign-born white	11.6	7.7	15.3	3.9	16.0	7.0	15.3	7.7	20.7	9.9	12.7
Negro	(³)	6.1	2.5	1.7	0.9	1.7		0.3	1.8	0.7	0.5
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized	295	477	346	9	481	285	125	131	711	215	246
Having first papers	5	31	42		105	22	41	9	144	14	18
Alien	49	324	82		71	54	46	7	98	43	28
Unknown	124	350	97	9	203	128	35	97	254	93	148
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate	85	384	86		129	125	39	53	162	48	72
Per cent illiterate	2.1	2.5	2.3		2.4	1.8	2.4	1.7	2.8	1.3	2.1
Per cent in 1900	7.8	2.8	2.6	1.9	2.1	2.7	1.5	2.2	3.5	2.2	2.7
Native white, number illiterate	31	160	23		71	76	7	29	48	36	32
Per cent illiterate	0.9	1.2	0.8		1.6	1.2	0.5	1.0	1.1	1.1	1.1
Foreign-born white, number illiterate	54	126	47		46	26	32	23	84	9	34
Per cent illiterate	11.4	10.7	8.3		5.3	5.3	13.0	9.4	7.0	2.5	7.7
Negro, number illiterate		96	16		12	23		1	30	3	6
Per cent illiterate		10.2				19.3			29.1		
PERSONS 10 YEARS OLD AND OVER.											
Total number	10,980	39,158	9,690	995	14,675	18,745	4,349	8,774	15,719	9,745	9,080
Number illiterate	149	758	180		241	243	85	89	374	109	125
Per cent illiterate	1.4	1.9	1.9		1.6	1.3	2.0	1.0	2.4	1.1	1.4
Native white, number	10,083	34,709	8,501	958	12,937	17,582	3,891	8,324	13,212	9,069	8,253
Number illiterate	63	331	52		129	159	19	49	112	76	58
Per cent illiterate	0.6	1.0	0.6		1.0	0.9	0.5	0.6	0.8	0.8	0.7
Foreign-born white, number	852	1,987	950	24	1,598	879	458	426	2,214	620	788
Number illiterate	86	199	89		87	50	60	35	207	25	60
Per cent illiterate	10.1	10.0	9.4		5.4	5.7	14.4	8.2	9.3	4.0	7.6
Negro, number	45	2,369	239	13	140	283		24	293	69	39
Number illiterate		219	39		25	34		5	55	8	7
Per cent illiterate		9.2	16.3		17.9	12.0			18.8		
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number	3,208	10,621	2,841	261	4,383	5,319	1,407	2,773	4,607	2,874	2,569
Number illiterate	13	57	7		14	17	1	7	7	3	8
Per cent illiterate	0.4	0.5	0.2		0.3	0.3	0.1	0.3	0.2	0.1	0.3
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive	4,420	14,542	3,868	365	6,037	7,283	2,027	3,831	6,313	3,952	3,635
Number attending school	3,104	10,242	2,855	257	4,369	5,201	1,634	2,861	4,547	3,013	2,589
Per cent attending school	70.2	70.4	73.8	70.4	72.4	71.4	80.6	74.7	72.0	75.6	71.2
Number 6 to 9 years	1,212	3,921	1,027	104	1,654	1,964	620	1,058	1,706	1,109	1,066
Number attending school	879	3,200	829	72	1,425	1,561	531	853	1,341	925	829
Number 10 to 14 years	1,409	4,707	1,309	141	2,027	2,460	697	1,270	2,154	1,294	1,192
Number attending school	1,334	4,472	1,263	131	1,967	2,282	687	1,225	2,065	1,277	1,137
Number 15 to 17 years	941	2,820	781	61	1,185	1,401	362	778	1,241	806	690
Number attending school	701	1,869	597	44	763	1,014	283	570	1,877	621	503
Number 18 to 20 years	858	3,094	751	59	1,171	1,468	348	725	1,212	774	687
Number attending school	190	641	166	10	214	344	133	212	264	190	120
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number	2,621	8,628	2,336	245	3,661	4,414	1,317	2,325	3,860	2,403	2,258
Number attending school	2,213	7,732	2,092	203	3,392	3,843	1,218	2,079	3,406	2,202	1,966
Per cent attending school	84.4	89.6	89.6	82.9	92.1	87.1	89.3	89.3	88.2	91.6	87.1
Native white—Native parentage, number	2,073	7,376	1,767	235	2,800	3,945	1,033	2,012	2,698	2,030	1,879
Number attending school	1,728	6,640	1,574	196	2,551	3,454	963	1,813	2,341	1,866	1,631
Per cent attending school	83.4	90.0	89.1	83.4	92.2	87.6	93.2	90.3	86.8	91.9	86.8
Native white—Foreign or mixed parentage, number	523	658	507	8	813	383	252	303	1,062	362	363
Number attending school	460	596	462	5	751	321	225	255	974	317	322
Per cent attending school	88.0	90.6	91.1		92.4	83.8	89.3	84.5	91.7	90.1	88.7
Foreign-born white, number	6	51	3		39	15	32	10	20	10	11
Number attending school	6	29	3		32	11	30	8	17	10	8
Per cent attending school											
Negro, number	19	507	59	2	29	71		3	80	11	5
Number attending school	19	435	53	2	28	57		2	74	9	5
Per cent attending school		85.8									
DWELLINGS AND FAMILIES											
Dwellings, number	3,276	11,284	2,827	479	4,395	5,702	1,311	2,731	4,844	2,990	2,801
Families, number	3,305	11,693	2,859	480	4,436	5,797	1,321	2,756	4,894	3,027	2,826

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

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Pawnee. ¹	Phillips.	Pottawatomie.	Pratt. ¹	Rawlins. ¹	Reno. ¹	Republic.	Rice. ¹	Riley. ¹	Rooks.	Rush. ¹
POPULATION											
Total population, 1910.....	8,859	14,150	17,522	11,156	6,380	37,853	17,447	15,106	15,783	11,282	7,823
1900.....	5,084	14,442	18,470	7,085	5,241	29,027	18,248	14,745	13,828	7,900	6,134
1890.....	5,204	13,661	17,722	8,118	6,756	27,079	19,002	14,451	13,183	8,018	5,204
1880.....	5,396	12,014	16,350	1,890	1,623	12,826	14,933	9,292	10,430	8,112	5,490
1870.....	179		7,848				1,281	5	5,105		
Increase, 1900-1910.....	3,775	-292	-948	4,071	1,139	8,826	-801	361	1,955	3,322	1,692
Per cent of increase.....	74.3	-2.0	-5.1	57.5	21.7	30.4	-4.4	2.4	14.1	41.7	27.6
Increase, 1890-1900.....	-120	781	748	-1,033	-1,515	1,948	-754	294	645	-58	930
Per cent of increase.....	-2.3	5.7	4.2	-12.7	-22.4	7.2	-4.0	2.0	4.9	-0.7	17.9
Land area (square miles).....	742	887	829	726	1,064	1,242	704	707	604	890	719
Population per square mile, 1910.....	11.9	16.0	21.1	15.4	6.0	30.5	24.8	21.4	26.1	12.7	10.9
Rural population per square mile, 1910.....	8.0	16.0	21.1	10.8	6.0	17.3	24.8	21.4	16.7	12.7	10.9
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....	2,911			3,302		16,364			5,722		
Same places in 1900.....	1,583			1,213		9,379			3,438		
Per cent of increase, 1900-1910.....	83.9			172.2		74.5			66.4		
Rural, 1910—Remainder of county in 1910.....	5,948	14,150	17,522	7,854	6,380	21,489	17,447	15,106	10,061	11,282	7,826
Same territory in 1900.....	3,501	14,442	18,470	5,872	5,241	19,648	18,248	14,745	10,390	7,900	6,134
Per cent of increase, 1900-1910.....	69.9	-2.0	-5.1	33.8	21.7	9.4	-4.4	2.4	-3.2	41.7	27.6
Urban, 1900—Places of 2,500 or more in 1900.....						9,379			3,438		
Rural, 1900—Remainder of county in 1900.....	5,084	14,442	18,470	7,085	5,241	19,648	18,248	14,745	10,390	7,900	6,134
Per cent in places of 2,500 or more, 1910.....	32.9			29.6		43.2			36.3		
Per cent in places of 2,500 or more, 1900.....						32.3			24.9		
COLOR AND NATIVITY											
White.....	8,778	14,083	17,370	10,938	6,380	36,943	17,439	14,974	15,472	11,203	7,812
Number in 1900.....	4,997	14,325	18,214	6,922	5,241	28,654	18,236	14,603	13,434	7,893	6,125
Number in 1890.....	6,068	13,494	17,855	7,838	6,756	26,721	18,975	14,829	12,853	7,097	6,199
Negro.....	81	67	132	218		904	8	132	311	79	14
Number in 1900.....	85	116	229	163		491	12	142	344	97	9
Number in 1890.....	144	167	260	179		354	27	118	530	61	6
Black.....	64	50	62	129		647	6	87	238	53	1
Mulatto.....	17	11	70	89		257	2	45	73	21	13
Indian, Chinese, and Japanese (see Tables 1 and 14).....			20			6					
Native white—Native parentage.....	7,123	10,556	10,578	9,542	3,628	29,338	10,754	12,056	9,219	8,953	3,495
Number in 1900.....	5,790	10,632	10,696	6,907	2,900	21,833	11,563	11,806	7,148	6,152	2,779
Native white—Foreign or mixed parentage.....	1,136	2,632	4,057	1,027	1,870	5,289	4,453	2,113	4,327	1,738	2,852
Number in 1900.....	378	2,677	6,262	753	1,456	4,755	4,427	2,578	4,217	1,281	2,185
Native white—Foreign parentage.....	722	1,457	2,853	500	1,292	2,909	2,812	1,132	2,520	859	2,093
Native white—Mixed parentage.....	464	1,125	2,104	527	578	2,380	1,641	981	1,807	879	769
Foreign-born white.....	469	945	1,835	398	882	2,316	2,222	905	1,926	512	1,465
Number in 1900.....	353	1,109	2,259	232	906	1,966	2,226	820	2,119	430	1,213
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	80.4	74.6	60.4	85.5	58.9	77.5	61.6	79.8	58.4	79.4	44.7
Per cent in 1900.....	74.1	73.3	67.0	83.4	55.9	75.2	63.4	78.7	61.7	77.3	45.3
Native white—Foreign or mixed parentage.....	13.4	18.2	28.3	9.2	23.3	14.0	25.5	14.0	27.4	15.4	36.4
Per cent in 1900.....	17.3	17.8	28.5	11.1	27.4	18.3	24.3	16.1	30.5	16.1	34.7
Foreign-born white.....	5.3	6.7	10.5	3.3	13.2	6.1	6.3	6.3	12.2	4.5	18.7
Per cent in 1900.....	6.9	8.1	12.2	3.3	17.3	6.8	12.3	8.2	15.3	6.7	18.9
Negro.....	0.9	0.5	0.8	2.0		2.4	(?)	0.9	2.0	0.7	0.2
Per cent in 1900.....	1.7	0.3	1.2	2.5		1.7	0.1	1.0	2.5	1.2	0.1
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	31	3	64	17	197	25	679	9	59	75	234
Belgium.....		4	60	5	2	6	1		4	4	5
Canada—French.....	3	1	12	6	6	21	4	5	3	120	
Canada—Other.....	16	56	78	29	12	111	66	55	68	33	10
Denmark.....	36	36	38	1	15	44	81	7	48	12	5
England.....	36	83	115	53	24	260	123	86	84	42	14
France.....		2	33	2	1	33	3	9	2	19	1
Germany.....	136	358	590	109	171	473	182	341	526	104	136
Greece.....	1	1	33				11		58		19
Holland.....	1	203	7	2	3	3	1	1		1	3
Hungary.....	1	1		3	235	7	3	3	1	3	3
Ireland.....	18	22	206	10	21	124	33	65	43	26	18
Italy.....			11		1	8	11		16		1
Mexico.....	45	35	2	94		456	196	109	49		16
Norway.....	5	4	3	6	2	5	152	4	20	1	2
Russia.....	71	5	126		3	484	7	18	3		953
Scotland.....	6	17	51	11		36	45	14	23		13
Sweden.....	85	18	311	18	157	162	611	56	830	30	9
Switzerland.....	8	15	57	1	7	81	6	11	30	2	12
Wales.....	6	12	13	2		23	5		3		1
Other foreign countries.....	1	5	25		5	9	6	7	23		7
NATIVE WHITE: Both parents born in—											
Austria.....	29	9	45	24	276	32	1,008	11	43	103	243
Canada—French.....	1	2	32	10	5	14	4	8	8	183	2
Canada—Other.....	3	22	37	15	5	29	20	13	23	8	
Denmark.....	2	47	26	1	33	46	84	5	39	17	1
England.....	43	87	123	61	19	226	105	111	95	65	14
France.....		2	31	4	1	32	4	4	6	3	2
Germany.....	273	666	1,030	237	325	832	332	641	858	257	305
Holland.....	1	353	2	2	2	1	2	1	1		
Hungary.....					327	8				1	8
Ireland.....	56	66	491	39	43	230	53	96	99	78	26
Italy.....			1			2		1			
Norway.....	14	5	2	3		8	149	12	15	5	1
Russia.....	82	2	167		1	904		8	3	1	1,301
Scotland.....	12	26	29	17		34	57	23	15	25	17
Sweden.....	131	32	458	15	183	151	747	64	934	9	10
Switzerland.....	8	14	50	4	8	35	9	24	43	6	14
Wales.....	6	7	13	5	2	12	7	6	38	3	6
All others of foreign parentage.....	61	118	315	63	59	313	216	108	249	95	143

¹ For changes in boundaries, etc., see page 622.

² Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

613

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Pawnee. ¹	Phillips.	Pottawatomie.	Pratt. ¹	Rawlins. ¹	Reno. ¹	Repub- lic.	Rice. ¹	Riley. ¹	Rooks.	Rush. ¹
SEX											
Total... Male.....	4,756	7,380	9,170	5,904	3,375	20,029	9,215	7,917	8,156	5,908	4,156
Female.....	4,108	6,770	8,352	5,252	3,005	17,824	8,232	7,189	7,627	5,374	3,670
White... Male.....	4,715	7,344	9,087	5,792	3,375	19,522	9,211	7,855	7,996	5,867	4,149
Female.....	4,063	6,739	8,283	5,146	3,005	17,421	8,228	7,119	7,476	5,336	3,663
Negro... Male.....	41	30	73	112	.....	503	4	62	160	41	7
Female.....	40	31	59	106	.....	401	4	70	151	38	7
MALES OF VOTING AGE											
Total number.....	2,766	3,889	5,088	3,285	1,719	11,617	5,138	4,536	4,757	3,087	2,083
Number in 1900.....	1,494	3,753	5,104	1,903	1,370	8,054	5,019	4,201	3,900	2,076	1,647
Native white—Native parentage.....	2,076	2,680	2,561	2,653	888	8,509	2,770	3,383	2,361	2,221	866
Number in 1900.....	1,080	2,580	2,651	1,534	711	6,807	2,090	3,098	1,812	1,472	680
Native white—Foreign or mixed parentage.....	410	681	1,454	410	354	1,473	1,155	661	1,198	556	537
Number in 1900.....	213	523	1,268	191	197	1,072	842	571	778	387	491
Native white—Foreign parentage.....	266	406	1,011	189	159	913	833	412	848	327	296
Native white—Mixed parentage.....	144	275	443	150	103	560	322	249	350	228	116
Foreign-born white.....	248	505	1,024	200	477	1,236	1,209	457	1,084	283	677
Number in 1900.....	187	375	1,024	150	462	1,052	1,172	488	1,121	243	569
Negro.....	32	23	43	73	.....	285	4	85	104	28	3
Number in 1900.....	20	25	65	48	.....	121	0	45	85	24	2
Indian, Chinese, and Japanese.....	.....	.....	7	.....	.....	4	.....	.....	.....	.....	.....
PER CENT OF TOTAL.											
Native white—Native parentage.....	75.1	68.9	50.3	81.3	51.7	73.2	53.9	74.6	49.6	71.9	41.6
Native white—Foreign or mixed parentage.....	14.8	17.5	28.6	10.4	20.6	12.7	22.5	14.6	25.2	18.0	25.8
Foreign-born white.....	9.0	13.0	20.1	6.1	27.7	11.5	23.5	10.1	23.0	9.2	32.5
Negro.....	1.2	0.6	0.8	2.2	.....	2.5	0.1	0.8	2.2	0.9	0.1
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	147	356	631	103	333	714	692	278	675	182	362
Having first papers.....	15	43	70	6	15	34	102	20	64	10	117
Alien.....	51	37	108	23	11	311	190	95	166	17	101
Unknown.....	35	69	215	68	68	277	216	64	189	74	97
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	25	64	142	62	21	282	165	37	135	76	75
Per cent illiterate.....	0.9	1.6	2.8	1.9	1.2	2.4	3.2	0.8	2.8	2.5	3.6
Per cent in 1900.....	1.4	2.8	3.7	1.6	2.7	1.5	2.4	1.5	2.2	3.8	4.9
Native white, number illiterate.....	9	54	50	30	8	60	26	22	32	45	7
Per cent illiterate.....	0.4	1.6	1.2	1.0	0.6	0.6	0.7	0.5	0.9	1.6	0.5
Foreign-born white, number illiterate.....	16	10	75	25	13	198	139	14	81	29	68
Per cent illiterate.....	6.5	2.0	7.3	12.5	2.7	14.8	11.5	3.1	7.4	10.2	10.0
Negro, number illiterate.....	.....	.....	17	7	.....	24	.....	1	22	2	.....
Per cent illiterate.....	.....	.....	.....	.....	.....	8.1	.....	.....	21.2	.....	.....
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	6,804	10,729	13,538	8,449	4,625	29,893	12,469	11,797	12,508	8,247	5,686
Number illiterate.....	65	120	340	119	39	491	284	80	255	139	273
Per cent illiterate.....	1.0	1.1	2.5	1.4	0.8	1.6	2.1	0.7	2.0	1.7	4.8
Native white, number.....	6,271	9,742	11,609	7,911	3,754	26,838	11,261	10,896	10,339	7,672	4,287
Number illiterate.....	20	98	120	53	17	144	56	43	62	87	17
Per cent illiterate.....	0.3	1.0	1.0	0.7	0.5	0.5	0.5	0.4	0.6	1.1	0.4
Foreign-born white, number.....	464	938	1,808	356	871	2,275	2,202	793	1,914	503	1,388
Number illiterate.....	41	21	186	47	22	296	228	34	158	47	256
Per cent illiterate.....	8.8	2.2	10.3	13.2	2.5	13.0	10.4	4.3	8.3	9.3	18.4
Negro, number.....	69	49	107	182	.....	774	6	108	255	72	11
Number illiterate.....	4	1	32	19	.....	51	.....	3	35	5	.....
Per cent illiterate.....	.....	.....	29.9	10.4	.....	6.6	.....	2.8	13.7	.....	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	1,878	3,462	4,102	2,501	1,538	8,465	3,894	3,287	3,483	2,546	1,873
Number illiterate.....	8	9	13	16	4	50	28	8	19	7	10
Per cent illiterate.....	0.4	0.3	0.3	0.6	0.3	0.6	0.7	0.2	0.5	0.3	0.5
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	2,619	4,796	5,606	3,500	2,182	11,453	5,438	4,530	4,746	3,664	2,611
Number attending school.....	1,885	3,401	4,130	2,400	1,717	7,888	3,978	3,340	3,613	2,785	1,940
Per cent attending school.....	72.0	70.9	73.7	68.6	78.7	68.9	73.2	73.7	76.1	76.0	74.3
Number 6 to 9 years.....	741	1,334	1,504	999	644	2,988	1,544	1,243	1,263	1,118	738
Number attending school.....	589	965	1,258	703	578	2,373	1,269	1,033	1,079	948	628
Number 10 to 14 years.....	823	1,622	1,960	1,103	738	3,032	1,762	1,508	1,518	1,230	849
Number attending school.....	790	1,534	1,832	1,051	722	3,449	1,680	1,465	1,483	1,193	832
Number 15 to 17 years.....	523	970	1,079	653	399	2,250	1,040	836	982	664	498
Number attending school.....	383	711	772	477	298	1,501	775	615	711	491	355
Number 18 to 20 years.....	532	870	1,063	745	401	2,583	1,096	943	983	652	526
Number attending school.....	123	191	218	169	119	560	254	227	340	153	125
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	1,564	2,956	3,464	2,102	1,382	6,620	3,296	2,751	2,781	2,343	1,587
Number attending school.....	1,379	2,499	3,140	1,754	1,300	5,827	2,949	2,498	2,562	2,141	1,460
Per cent attending school.....	88.2	84.5	90.6	83.4	94.1	88.0	89.5	90.8	92.1	91.2	92.0
Native white—Native parentage, number.....	1,366	2,364	2,457	1,880	831	5,466	2,323	2,339	1,844	2,011	707
Number attending school.....	1,201	1,982	2,213	1,570	790	4,511	2,003	2,111	1,680	1,834	658
Per cent attending school.....	87.9	83.8	90.1	83.5	95.1	88.0	83.4	90.3	91.1	91.2	93.1
Native white—Foreign or mixed parentage, number.....	172	573	939	108	530	879	911	368	882	312	764
Number attending school.....	154	502	808	149	489	882	844	346	846	285	706
Per cent attending school.....	89.5	87.6	92.4	88.7	92.3	90.1	92.6	94.0	94.8	91.3	92.4
Foreign-born white, number.....	11	13	34	17	21	42	52	16	13	10	114
Number attending school.....	11	10	29	4	21	15	42	14	8	9	95
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83.3
Negro, number.....	15	6	31	37	.....	133	.....	28	42	15	2
Number attending school.....	13	5	28	31	.....	119	.....	27	38	13	1
Per cent attending school.....	.....	.....	.....	.....	.....	89.5	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES											
Dwellings, number.....	2,021	3,205	3,892	2,500	1,386	8,462	4,104	3,495	3,651	2,450	1,629
Families, number.....	2,056	3,226	3,927	2,556	1,408	8,711	4,164	3,610	3,725	2,505	1,657

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

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Russell.	Saline.	Scott. ¹	Sedgwick. ¹	Seward. ¹	Shawnee.	Sheridan. ¹	Sherman. ¹	Smith.	Stafford. ¹	Stanton. ¹
POPULATION											
Total population, 1910.....	10,800	20,338	3,047	73,095	4,091	61,874	5,651	4,549	15,365	12,510	1,034
1900.....	8,489	17,076	1,098	44,037	822	53,727	3,819	3,341	16,384	9,829	327
1890.....	7,333	17,442	1,262	43,626	1,503	49,172	3,733	5,261	15,613	8,520	1,031
1880.....	7,351	13,808	43	18,753	5	29,093	1,567	13	13,833	4,755	5
1870.....	156	4,246		1,095		13,121			66		
Increase, 1900-1910.....	2,311	3,262	1,949	29,058	3,269	8,147	1,832	1,208	-1,019	2,681	707
Per cent of increase.....	27.2	19.1	177.5	66.0	397.7	15.2	48.0	36.2	-6.2	27.3	216.2
Increase, 1890-1900.....	1,156	-366	-164	411	-681	4,555	86	-1,920	771	1,809	-704
Per cent of increase.....	15.8	-2.1	-13.0	0.9	-45.3	9.3	2.3	-36.5	4.9	15.4	-68.3
Land area (square miles).....	895	720	714	994	643	544	890	1,049	888	796	685
Population per square mile, 1910.....	12.1	28.2	4.3	73.5	6.4	113.7	6.3	4.3	17.3	15.7	1.5
Rural population per square mile, 1910.....	12.1	14.8	4.3	20.8	6.4	33.4	6.3	4.3	17.3	15.7	1.5
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....		9,688		52,450		43,684					
Same places in 1900.....		6,074		24,671		33,608					
Per cent of increase, 1900-1910.....		59.5		112.6		30.0					
Rural, 1910—Remainder of county in 1910.....	10,800	10,650	3,047	20,645	4,091	18,190	5,651	4,549	15,365	12,510	1,034
Same territory in 1900.....	8,489	11,002	1,098	19,366	822	20,119	3,819	3,341	16,384	9,829	327
Per cent of increase, 1900-1910.....	27.2	-3.2	177.5	6.6	397.7	-9.6	48.0	36.2	-6.2	27.3	216.2
Urban, 1900—Places of 2,500 or more in 1900.....		6,074		24,671		33,608					
Rural, 1900—Remainder of county in 1900.....	8,489	11,002	1,098	19,366	822	20,119	3,819	3,341	16,384	9,829	327
Per cent in places of 2,500 or more, 1910.....		47.6		71.8		70.6					
Per cent in places of 2,500 or more, 1900.....		35.6		56.0		62.6					
COLOR AND NATIVITY											
White.....	10,746	19,820	3,044	70,413	4,082	56,132	5,622	4,533	15,360	12,383	1,032
Number in 1900.....	8,422	16,639	1,098	42,646	818	47,750	3,811	3,331	16,383	9,669	327
Number in 1890.....	7,379	16,982	1,262	42,356	1,498	45,009	3,733	5,248	16,611	8,350	1,029
Negro.....	54	509	2	2,652	2	5,722	29	16	5	127	2
Number in 1900.....	67	437		1,489	4	5,889	8	10	1	170	
Number in 1890.....	54	460		1,354	6	6,112		19	2	190	2
Black.....	22	399	2	1,471	2	3,856	9	10	5	118	2
Mulatto.....	32	110		1,181		1,866	20	6		9	
Indian, Chinese, and Japanese (see Tables 1 and 14).....		9	1	30	7	20					
Native white—Native parentage.....	5,747	12,009	2,511	56,011	3,616	41,395	4,409	3,611	12,352	10,072	847
Number in 1900.....	4,369	8,831	804	32,249	781	33,890	2,894	2,422	12,942	7,895	247
Native white—Foreign or mixed parentage.....	3,125	5,438	375	10,098	348	9,565	943	644	2,202	1,510	148
Number in 1900.....	2,404	5,159	175	7,391	80	8,990	695	612	2,442	1,449	58
Native white—Foreign parentage.....	2,249	3,402	180	5,205	124	5,394	466	359	1,180	723	80
Native white—Mixed parentage.....	876	2,036	195	4,893	224	4,171	477	285	1,022	787	68
Foreign-born white.....	1,874	2,373	158	4,304	118	5,172	270	278	806	801	37
Number in 1900.....	1,652	2,689	69	2,806	17	4,370	222	297	999	515	28
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	53.2	59.0	82.4	76.6	88.4	66.9	78.0	79.4	80.4	80.5	81.9
Per cent in 1900.....	61.4	51.7	78.7	73.2	87.7	63.1	75.8	72.5	79.0	78.3	75.5
Native white—Foreign or mixed parentage.....	28.9	26.7	12.3	13.8	8.5	15.5	16.7	14.2	14.3	12.1	14.3
Per cent in 1900.....	28.3	30.1	16.9	16.8	9.7	16.7	18.2	18.3	14.9	14.7	15.9
Foreign-born white.....	17.4	11.7	5.2	5.9	2.9	8.4	4.8	6.1	5.2	6.4	3.6
Per cent in 1900.....	19.5	15.6	5.4	6.6	2.1	9.1	5.8	8.9	6.1	5.2	8.6
Negro.....	0.5	2.5	0.1	3.6	(²)	9.2	0.5	0.4	(²)	1.0	0.2
Per cent in 1900.....	0.8	2.8		5.4	0.5	11.0	0.2	0.3	(²)	1.7	
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	121	64	39	126	3	137	10	36	31	10	
Belgium.....		17		9		27	1	1			
Canada—French.....	1	12	2	24		23	2	1	4		1
Canada—Other.....	33	142	15	292	8	268	15	24	54	31	3
Denmark.....	10	62	5	62		25	4	18	25	3	
England.....	65	123	8	455	27	639	37	16	91	56	2
France.....	5	17	2	50		68		3		1	1
Germany.....	307	341	35	1,501	24	970	105	68	389	250	11
Greece.....	5	58	8	29		44	7	25		1	
Holland.....	1	4	2	75	1	16	4	6	38	5	
Hungary.....	28			19	1	13	1		1		
Ireland.....	43	126	4	326	2	356	9	13	29	29	1
Italy.....	52	6		19		54		1			
Mexico.....	14	35	7	562	39	376		15	64	349	4
Norway.....	7	13	1	28		53	2	3	7	1	1
Russia.....	1,108	35	4	180		893	51	3	2	14	8
Scotland.....	6	34	7	114	6	216	5	4	15	19	1
Sweden.....	31	1,210	10	128	4	808	7	32	25	2	3
Switzerland.....	21	48	7	78	2	69	9	7	26	16	1
Wales.....	5	13	2	21	1	56	1		2	3	
Other foreign countries.....	11	13		206		56		2	3	11	
NATIVE WHITE: Both parents born in—											
Austria.....	118	54	26	121	1	145	13	44	40	7	
Canada—French.....	1	9		17		30	1		5		1
Canada—Other.....	5	53	11	110	4	101	7	7	30	11	6
Denmark.....	8	67	4	40	3	21	2	21	27		
England.....	70	120	10	437	10	491	41	22	91	51	3
France.....	4	19	3	52	2	73	5	1	3		
Germany.....	392	679	55	2,535	50	1,526	248	142	613	475	11
Holland.....	1	7		40		29	4	14	77	2	1
Hungary.....	20			5		5					
Ireland.....	90	273	31	668	20	605	21	35	69	49	1
Italy.....	1	2		9		10					
Norway.....	4	7		23	1	23		3	8	1	
Russia.....	1,226	53	4	72	2	610	61			21	44
Scotland.....	9	48	4	141	8	135	6	6	13	10	
Sweden.....	38	1,674	7	133	9	706	4	23	24	6	6
Switzerland.....	21	40	2	48	2	51	9	4	45	18	2
Wales.....	10	6		33	1	57	1	3	11	1	
All others of foreign parentage.....	241	297	17	721	11	686	43	34	124	71	5

¹ For changes in boundaries, etc., see page 622.

² Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Russell.	Saline.	Scott. ¹	Sedgwick. ¹	Seward. ¹	Shawnee.	Sheridan. ¹	Sherman. ¹	Smith.	Stafford. ¹	Stanton. ¹
SEX											
Total.. Male	5,651	10,544	1,707	38,114	2,208	31,304	3,011	2,486	8,066	6,706	610
Female	5,149	9,794	1,340	34,981	1,885	30,570	2,640	2,063	7,299	5,804	424
White.. Male	5,619	10,266	1,704	36,648	2,201	28,484	2,994	2,480	8,063	6,640	609
Female	5,127	9,554	1,340	33,765	1,881	27,648	2,628	2,053	7,297	5,743	423
Negro.. Male	32	271	2	1,439	1	2,807	17	6	3	66	1
Female	22	238		1,213	1	2,915	12	10	2	61	1
MALES OF VOTING AGE											
Total number	2,995	6,377	1,009	24,098	1,197	19,365	1,509	1,365	4,303	3,769	339
Number in 1900	2,909	4,992	807	15,051	853	15,608	1,024	859	4,373	2,636	97
Native white—Native parentage	1,488	3,280	767	17,282	1,000	12,275	1,089	1,015	3,204	2,711	274
Number in 1900	1,174	2,339	230	9,082	212	9,607	719	653	3,224	1,973	64
Native white—Foreign or mixed parentage	596	1,593	140	3,384	124	2,703	286	175	635	468	39
Number in 1900	410	1,109	41	1,929	29	2,047	179	146	600	350	19
Native white—Foreign parentage	418	1,185	72	1,977	56	1,622	163	114	332	274	25
Native white—Mixed parentage	178	435	68	1,407	68	1,081	103	61	253	194	14
Foreign-born white	894	1,317	100	2,469	72	2,735	143	170	461	552	25
Number in 1900	706	1,439	36	1,669	11	2,385	124	155	548	297	14
Negro	17	184	1	950	1	1,044	11	5	3	33	1
Number in 1900	10	112		469	1	1,548	2	1	1	35	
Indian, Chinese, and Japanese		3	1	23		8					
PER CENT OF TOTAL.											
Native white—Native parentage	49.7	51.4	76.0	71.7	83.5	63.4	72.2	74.4	74.5	71.9	80.8
Native white—Foreign or mixed parentage	19.9	25.0	13.9	14.0	10.4	14.0	17.6	12.8	14.8	12.4	11.5
Foreign-born white	29.8	20.7	9.9	10.2	6.0	14.1	9.5	12.5	10.7	14.6	7.4
Negro	0.6	2.9	0.1	3.9	0.1	8.5	0.7	0.4	0.1	1.0	0.3
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized	392	854	53	1,159	21	1,324	97	109	283	168	14
Having first papers	156	68	17	107	3	158		2	10	9	5
Alien	93	119	22	518	80	486	12	37	49	162	4
Unknown	253	286	8	675	18	767	34	22	119	213	2
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate	124	108	15	584	23	599	20	14	53	241	2
Per cent illiterate	4.1	1.7	1.5	2.4	1.9	3.1	1.3	1.0	1.2	6.4	0.6
Per cent in 1900	3.0	2.9	0.7	1.8	0.4	5.8	1.3	1.9	1.7	2.0	
Native white, number illiterate	24	36	10	153	9	161	9	10	24	30	1
Per cent illiterate	1.2	0.7	1.1	0.7	0.8	0.7	0.7	0.8	0.6	0.9	0.3
Foreign-born white, number illiterate	99	44	5	336	14	302	11	4	29	208	1
Per cent illiterate	11.1	3.3	5.0	13.7		11.0	7.7	2.4	6.3	37.7	
Negro, number illiterate	1	27		90		196				3	
Per cent illiterate		14.7		9.5		11.9					
PERSONS 10 YEARS OLD AND OVER.											
Total number	7,818	16,340	2,305	59,763	3,021	50,947	4,050	3,437	11,715	9,529	776
Number illiterate	280	244	20	996	52	1,238	27	24	100	303	2
Per cent illiterate	3.6	1.5	0.9	1.6	1.7	2.4	0.7	0.7	0.9	3.2	0.3
Native white, number	6,008	13,545	2,149	53,320	2,901	41,152	3,764	3,151	10,912	8,623	732
Number illiterate	42	73	12	290	31	202	14	13	47	45	1
Per cent illiterate	0.7	0.5	0.6	0.5	1.1	0.5	0.4	0.4	0.4	0.6	0.1
Foreign-born white, number	1,768	2,358	153	4,216	115	5,020	283	275	798	796	37
Number illiterate	236	111	8	491	20	558	13	9	53	250	1
Per cent illiterate	13.3	4.7	5.2	11.6	17.4	11.1	4.9	3.3	6.6	31.4	
Negro, number	42	429	2	2,198	2	4,756	23	11	5	107	1
Number illiterate	2	59		177		477		2		5	
Per cent illiterate		13.8		8.1		10.0				4.7	
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number	2,348	4,316	638	14,933	865	12,792	1,323	1,004	3,595	2,857	220
Number illiterate	13	11	1	96	9	58	1	3	10	34	
Per cent illiterate	0.6	0.3	0.2	0.6	1.0	0.5	0.1	0.3	0.3	1.2	
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive	3,419	5,875	916	20,071	1,277	17,015	1,906	1,398	4,964	3,948	352
Number attending school	2,531	4,029	709	13,122	934	11,076	1,392	916	3,752	2,857	215
Per cent attending school	74.0	68.6	77.4	65.4	73.1	65.1	73.0	65.6	75.6	72.4	79.2
Number 6 to 9 years	1,071	1,559	278	5,138	411	4,223	583	392	1,369	1,091	102
Number attending school	921	1,258	241	3,904	330	3,173	447	228	1,134	888	86
Number 10 to 14 years	1,126	1,824	279	6,215	428	5,272	625	467	1,662	1,267	110
Number attending school	1,102	1,750	274	5,785	411	4,947	604	440	1,619	1,238	103
Number 15 to 17 years	610	1,169	182	3,886	225	3,551	354	268	996	740	67
Number attending school	414	758	149	2,404	152	2,131	256	192	759	542	51
Number 18 to 20 years	612	1,323	177	4,832	213	3,909	344	269	937	850	43
Number attending school	94	263	45	1,029	41	825	85	56	240	189	15
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number	2,197	3,383	557	11,353	839	9,495	1,208	859	3,031	2,358	212
Number attending school	2,023	3,008	515	9,689	741	8,120	1,051	663	2,753	2,126	189
Per cent attending school	92.1	88.9	92.5	85.3	88.3	85.5	87.0	77.8	90.8	90.2	89.2
Native white—Native parentage, number	1,215	2,307	483	9,459	768	6,859	999	726	2,582	2,035	175
Number attending school	1,123	2,062	448	8,044	684	5,869	890	559	2,333	1,839	161
Per cent attending school	92.4	89.4	92.8	85.0	89.1	85.6	86.1	77.0	90.4	90.4	92.0
Native white—Foreign or mixed parentage, number	841	982	66	1,408	63	1,528	200	128	444	297	37
Number attending school	775	866	59	1,247	54	1,332	184	107	415	268	28
Per cent attending school	92.2	88.2		88.6		87.2	92.0	84.9	93.7	90.2	
Foreign-born white, number	132	23	8	102	5	171	5	6	6	8	
Number attending school	116	19	8	82	3	120	4	2	5	2	
Per cent attending school	87.9			80.4		70.2					
Negro, number	9	69		333		935	4	1		23	
Number attending school	9	59		315		793	3			17	
Per cent attending school				82.2		85.3					
DWELLINGS AND FAMILIES											
Dwellings, number	2,304	4,552	719	15,965	964	14,502	1,210	1,065	3,599	2,704	292
Families, number	2,331	4,702	738	17,898	992	15,390	1,241	1,090	3,620	2,744	293

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

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Stevens. ¹	Sumner.	Thomas. ¹	Trego.	Wabain-see. ¹	Wallace. ¹	Wash-ington.	Wichita. ¹	Wilson.	Woodson.	Wyandotte.
POPULATION											
Total population, 1910.....	2,453	30,854	5,455	5,398	12,721	2,759	20,229	2,006	19,810	9,450	100,068
1900.....	620	25,631	4,112	2,722	12,813	1,178	21,963	1,197	15,621	10,022	73,227
1890.....	1,418	30,271	5,638	2,535	11,720	2,468	22,894	1,827	15,286	9,021	84,407
1880.....	12	20,812	161	2,635	8,756	686	14,910	14	13,775	6,535	19,143
1870.....		22		166	3,302	538	4,081		6,694	3,827	10,015
Increase, 1900-1910.....	1,833	5,023	1,343	2,676	-92	1,581	-1,734	809	4,189	-572	26,841
Per cent of increase.....	295.6	19.6	32.7	98.3	-0.7	134.2	-7.9	67.6	26.8	-5.7	36.7
Increase, 1890-1900.....	-798	-4,640	-1,426	187	1,093	-1,290	-931	-630	335	1,001	18,820
Per cent of increase.....	-56.3	-15.3	-25.7	7.4	9.3	-52.3	-4.1	-34.5	2.2	11.1	34.6
Land area (square miles).....	729	1,179	1,065	899	795	921	902	721	581	503	143
Population per square mile, 1910.....	3.4	28.0	5.1	6.0	16.0	3.0	22.4	2.8	34.1	18.8	698.8
Rural population per square mile, 1910.....	3.4	20.0	5.1	6.0	16.0	3.0	22.4	2.8	23.9	18.8	82.4
URBAN AND RURAL TERRITORY.											
Urban, 1910—Places of 2,500 or more in 1910.....		7,034							5,912		88,201
Same places in 1900.....		4,245							3,422		60,566
Per cent of increase, 1900-1910.....		65.7							72.8		45.8
Rural, 1910—Remainder of county in 1910.....		2,453		5,455	5,398	12,721	2,759	2,006	13,898	9,450	11,777
Same territory in 1900.....		620		4,112	2,722	12,813	1,178	1,197	12,199	10,022	12,661
Per cent of increase, 1900-1910.....		295.6		32.7	98.3	-0.7	134.2	-7.9	67.6	13.9	-5.7
Urban, 1900—Places of 2,500 or more in 1900.....		4,245									60,566
Rural, 1900—Remainder of county in 1900.....		620		4,112	2,722	12,813	1,178	1,197	15,621	10,022	88.2
Per cent in places of 2,500 or more, 1910.....		22.9							29.8		82.7
Per cent in places of 2,500 or more, 1900.....		16.6									82.7
COLOR AND NATIVITY											
White.....	2,372	30,318	5,448	5,372	12,009	2,723	20,221	2,003	19,725	9,423	88,820
Number in 1900.....	616	25,391	4,106	2,698	12,058	1,168	21,957	1,197	15,581	9,953	61,243
Number in 1890.....	1,399	30,063	5,532	2,494	10,980	2,420	22,876	1,819	16,205	8,945	47,484
Negro.....	81	328	7	26	708	36	8	3	85	24	11,172
Number in 1900.....	5	240	5	24	767	20	26		40	66	8,983
Number in 1890.....	19	177	6	41	717	39	18		77	76	6,895
Black.....	28	243	7	26	445	34	8		85	24	7,403
Mulatto.....	53	80			263	2					3,769
Indian, Chinese, and Japanese (see Tables 1 and 14).....		8			4						76
Native white—Native parentage.....	2,112	25,765	4,047	3,241	7,551	2,079	11,930	1,183	17,259	7,528	59,129
Number in 1900.....	532	21,625	3,084	1,820	7,069	788	12,073	840	15,499	7,714	38,560
Native white—Foreign or mixed parentage.....	201	2,903	915	1,307	3,232	461	6,101	501	1,783	1,447	17,760
Number in 1900.....	68	2,386	715	576	5,433	268	6,153	255	1,580	1,062	16,839
Native white—Foreign parentage.....	107	1,410	508	838	1,839	249	3,539	332	855	698	11,198
Native white—Mixed parentage.....	94	1,493	407	469	1,393	212	2,562	169	928	749	6,562
Foreign-born white.....	59	1,650	486	824	1,226	183	2,190	319	683	451	11,931
Number in 1900.....	21	880	307	303	1,434	168	2,811	102	502	680	8,644
PER CENT OF TOTAL POPULATION.											
Native white—Native parentage.....	86.1	84.1	74.2	60.0	59.4	75.4	59.0	59.0	87.1	79.7	59.1
Per cent in 1900.....	85.8	83.4	75.0	66.9	55.4	61.6	59.1	70.2	86.4	77.0	54.6
Native white—Foreign or mixed parentage.....	8.2	9.5	16.8	24.2	25.4	16.7	30.2	25.0	9.0	15.3	17.7
Per cent in 1900.....	10.0	11.3	17.4	21.1	27.3	22.6	28.0	21.3	10.1	16.6	21.4
Foreign-born white.....	2.4	5.4	8.9	15.3	9.6	6.6	10.8	15.9	3.4	4.8	11.9
Per cent in 1900.....	3.4	3.4	7.5	11.1	11.1	14.1	12.8	8.5	3.2	5.8	11.8
Negro.....	3.3	1.1	0.1	0.5	5.6	1.3	(*)	0.1	0.4	0.3	11.2
Per cent in 1900.....	0.8	0.9	0.1	0.9	5.9	1.7	0.1		0.8	0.7	12.2
FOREIGN NATIONALITIES											
FOREIGN-BORN WHITE: Born in—											
Austria.....	6	130	17	226	9	6	229	22	49	9	3,040
Belgium.....			2	1	8		2		21		272
Canada—French.....	2	11	2	3	1	3	23		3	1	50
Canada—Other.....	1	92	6	15	39	2	150	6	43	38	383
Denmark.....		13	25	4	20	5	93	1	7	3	287
England.....	5	130	21	31	77	21	95	9	64	36	846
France.....	1	9	9	5	16		6		23	2	105
Germany.....	18	219	130	127	624	25	1,077	64	140	250	2,318
Greece.....		5	18	11		9	6	9	42	26	235
Holland.....		9			3		2		4		36
Hungary.....		1	2		3		1		5	3	298
Ireland.....	2	53	13	21	49	8	92	6	34	29	1,202
Italy.....		3	1		3		44				70
Mexico.....		837	163	2	126	6	2	14	41	1	162
Norway.....	2	9	3	4	5	2	7		1	1	60
Russia.....	11	5	18	272	39	4	25	134	11	4	981
Scotland.....		38	13	9	87	2	36	4	27	7	168
Sweden.....	6	54	31	70	83	85	208	1	110	18	900
Switzerland.....	1	15	6	12	30	2	71	7	13	12	149
Wales.....		8	1	3	3		10	3	4	4	124
Other foreign countries.....	4	9	4	8	1		5	39	41	6	195
NATIVE WHITE: Both parents born in—											
Austria.....	11	181	20	189	2	3	348	12	15	17	1,283
Canada—French.....		8			5	1	62		3		24
Canada—Other.....	2	29	12	2	17		60	5	22	9	153
Denmark.....		10	25	8	13	6	153		4		212
England.....	6	169	20	35	77	24	98	7	79	46	525
France.....	2	19	4	3	13	1	2	1	31	1	93
Germany.....	37	534	229	224	1,196	49	1,879	89	277	455	3,481
Holland.....		3			2				3		32
Hungary.....									7		142
Ireland.....	9	139	29	27	109	35	194	7	109	76	2,116
Italy.....		1					2				63
Norway.....		8	4	4	10	1	8	1	1	1	54
Russia.....	7	5	1	175	36	4	13	167		1	325
Scotland.....	2	28	11	7	37	2	46		21	13	145
Sweden.....	12	73	41	84	116	93	275	4	161	10	925
Switzerland.....	2	16	7		20	4	49	2	11	5	92
Wales.....	1	5		1	4	2	9	7	4	3	94
All others of foreign parentage.....	16	182	104	79	173	24	327	28	107	50	1,459

¹ For changes in boundaries, etc., see page 622.

² Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

617

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Stevens. ¹	Sumner.	Thomas. ¹	Trego.	Wabaun-see. ¹	Wallace. ¹	Wash-ington.	Wichita. ¹	Wilson.	Woodson.	Wyan-dotte.
SEX											
Total.. Male.....	1,335	16,523	2,985	2,949	6,732	1,545	10,575	1,118	10,372	4,839	52,021
Female.....	1,118	14,131	2,470	2,449	5,989	1,214	9,654	888	9,433	4,611	48,047
White... Male.....	1,284	16,342	2,983	2,934	6,332	1,524	10,571	1,116	10,319	4,827	46,391
Female.....	1,088	13,976	2,465	2,438	5,677	1,199	9,650	887	9,406	4,599	42,429
Negro... Male.....	51	177	2	15	396	21	4	2	53	12	5,881
Female.....	30	151	5	11	312	15	4	1	32	12	5,591
MALES OF VOTING AGE											
Total number.....	735	9,614	1,622	1,543	3,707	890	5,677	611	5,806	2,713	31,970
Number in 1900.....	165	7,612	1,072	783	3,661	544	4,799	369	4,290	2,726	21,900
Native white—Native parentage.....	595	7,409	1,045	847	1,803	606	2,848	323	4,650	1,947	17,232
Number in 1900.....	134	6,160	737	466	1,728	195	3,088	219	3,477	1,970	11,080
Native white—Foreign or mixed parentage.....	81	990	241	306	981	158	1,641	96	701	500	4,437
Number in 1900.....	16	880	160	149	833	47	1,223	57	501	423	5,024
Native white—Foreign parentage.....	39	574	160	196	690	102	1,135	65	368	297	2,903
Native white—Mixed parentage.....	42	416	81	110	291	56	506	31	333	203	1,534
Foreign-born white.....	31	1,088	335	384	719	110	1,186	190	414	259	6,583
Number in 1900.....	13	496	168	160	794	97	1,480	63	295	314	4,612
Negro.....	28	125	1	6	202	16	2	2	41	7	3,689
Number in 1900.....	2	76	1	8	196	5	8	—	17	19	2,651
Indian, Chinese, and Japanese.....	—	2	—	—	2	—	—	—	—	—	29
PER CENT OF TOTAL.											
Native white—Native parentage.....	81.0	77.1	64.4	54.9	48.6	68.1	50.2	52.9	80.1	71.8	53.9
Native white—Foreign or mixed parentage.....	11.0	10.3	14.9	19.8	26.5	17.8	28.9	15.7	12.1	18.4	13.9
Foreign-born white.....	4.2	11.3	20.7	24.9	19.4	12.4	20.9	31.1	7.1	9.5	20.6
Negro.....	3.8	1.3	0.1	0.4	5.4	1.8	(²)	0.3	0.7	0.3	11.5
CITIZENSHIP OF FOREIGN-BORN WHITE.											
Naturalized.....	22	266	128	195	371	70	798	74	205	154	2,906
Having first papers.....	5	21	8	51	50	14	92	22	12	1	716
Alien.....	—	541	28	54	118	10	69	66	95	25	1,832
Unknown.....	4	260	171	84	180	16	227	28	102	79	1,129
ILLITERACY											
ILLITERATE MALES OF VOTING AGE.											
Total number illiterate.....	27	444	24	25	107	23	83	70	99	45	1,519
Per cent illiterate.....	3.7	4.6	1.5	1.6	2.9	2.6	1.5	11.5	1.7	1.7	4.8
Per cent in 1900.....	2.4	1.7	2.2	2.4	3.4	0.6	1.9	4.7	5.2	1.8	5.9
Native white, number illiterate.....	20	79	9	8	30	12	47	3	79	31	204
Per cent illiterate.....	3.0	0.9	0.7	0.7	1.1	1.6	1.0	0.7	1.5	1.3	0.9
Foreign-born white, number illiterate.....	3	351	15	17	46	8	36	67	17	14	883
Per cent illiterate.....	4	32.3	4.5	4.4	6.4	7.3	3.0	35.3	4.1	5.4	13.4
Negro, number illiterate.....	4	14	—	—	31	3	—	3	—	—	432
Per cent illiterate.....	—	11.2	—	—	15.3	—	—	—	—	—	11.7
PERSONS 10 YEARS OLD AND OVER.											
Total number.....	1,784	24,109	4,179	3,935	9,923	2,072	15,584	1,449	15,182	7,374	80,378
Number illiterate.....	44	669	33	48	192	35	203	98	183	105	3,209
Per cent illiterate.....	2.5	2.8	0.8	1.2	1.9	1.7	1.3	6.8	1.2	1.4	4.0
Native white, number.....	1,661	22,222	3,694	3,141	8,157	1,860	13,399	1,134	14,446	6,907	59,391
Number illiterate.....	30	150	14	11	51	19	101	8	142	77	452
Per cent illiterate.....	1.8	0.7	0.4	0.4	0.6	1.0	0.8	0.7	1.0	1.1	0.8
Foreign-born white, number.....	57	1,607	481	773	1,219	183	2,179	312	682	448	11,016
Number illiterate.....	7	493	19	37	75	12	102	90	36	28	1,674
Per cent illiterate.....	—	30.7	4.0	4.8	6.2	6.6	4.7	28.8	5.4	6.3	14.4
Negro, number.....	66	275	4	21	543	29	6	3	74	19	9,314
Number illiterate.....	7	26	—	—	66	4	—	—	5	—	1,080
Per cent illiterate.....	—	9.5	—	—	12.2	—	—	—	—	—	11.6
PERSONS 10 TO 20 YEARS, INCLUSIVE.											
Total number.....	547	6,813	1,382	1,242	3,135	543	4,790	437	4,296	2,158	20,732
Number illiterate.....	1	111	4	4	2	2	12	11	6	13	215
Per cent illiterate.....	0.2	1.6	0.3	0.3	0.1	0.4	0.3	2.5	0.1	0.6	1.0
SCHOOL AGE AND ATTENDANCE											
Total number 6 to 20 years, inclusive.....	774	9,253	1,871	1,760	4,256	768	6,551	643	5,984	2,982	28,184
Number attending school.....	615	6,519	1,363	1,229	3,081	544	4,696	440	4,279	2,181	17,383
Per cent attending school.....	79.5	70.5	72.8	69.8	72.4	70.8	71.7	68.4	71.5	72.9	61.7
Number 6 to 9 years.....	227	2,440	489	518	1,121	225	1,761	206	1,688	834	7,452
Number attending school.....	185	1,873	389	350	886	166	1,401	140	1,315	678	5,764
Number 10 to 14 years.....	278	2,999	669	578	1,437	282	2,186	228	1,980	986	8,907
Number attending school.....	265	2,869	634	547	1,383	265	2,112	212	1,907	938	8,276
Number 15 to 17 years.....	148	1,814	361	340	859	121	1,297	103	1,129	615	5,665
Number attending school.....	119	1,303	259	245	620	87	921	64	800	436	2,643
Number 18 to 20 years.....	121	2,000	352	324	839	140	1,307	106	1,187	557	6,160
Number attending school.....	46	474	81	87	192	26	262	24	257	129	700
PERSONS 6 TO 14 YEARS, INCLUSIVE.											
Total number.....	505	5,439	1,158	1,096	2,558	507	3,947	434	3,668	1,820	16,359
Number attending school.....	450	4,742	1,023	897	2,269	431	3,513	352	3,222	1,616	14,040
Per cent attending school.....	89.1	87.2	88.3	81.8	88.7	85.0	89.0	81.1	87.8	88.8	85.8
Native white—Native parentage, number.....	458	4,912	925	689	1,781	421	2,644	266	3,426	1,603	10,753
Number attending school.....	405	4,291	813	566	1,593	359	2,357	210	3,013	1,421	9,289
Per cent attending school.....	88.4	87.4	87.9	82.1	89.4	85.3	89.1	78.9	87.9	88.6	86.4
Native white—Foreign or mixed parentage, number.....	27	445	226	314	613	80	1,270	144	222	208	3,562
Number attending school.....	26	408	203	260	542	69	1,131	123	199	186	3,062
Per cent attending school.....	—	91.7	89.8	82.8	88.4	—	89.1	85.4	89.6	89.4	86.0
Foreign-born white, number.....	2	28	7	90	10	—	33	24	10	4	359
Number attending school.....	2	9	7	69	6	—	25	19	5	4	258
Per cent attending school.....	—	—	—	—	—	—	—	—	—	—	71.9
Negro, number.....	18	53	—	3	154	6	—	—	10	5	1,672
Number attending school.....	17	33	—	2	128	3	—	—	5	5	1,424
Per cent attending school.....	—	—	—	—	83.1	—	—	—	—	—	85.2
DWELLINGS AND FAMILIES											
Dwellings, number.....	685	6,982	1,182	1,143	2,827	756	4,710	449	4,676	2,217	23,397
Families, number.....	688	7,157	1,200	1,173	2,840	773	4,732	452	4,759	2,232	23,910

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 II.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 25,000 OR MORE.

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

SUBJECT.	TOTAL, CITIES NAMED.	Kansas City. ¹	Topeka. ¹	Wichita. ¹	SUBJECT.	TOTAL, CITIES NAMED.	Kansas City. ¹	Topeka. ¹	Wichita. ¹
POPULATION					MALES OF VOTING AGE				
Total population, 1910.....	178,465	82,331	43,684	52,450	Total number.....	58,327	26,582	13,977	17,788
1900.....	109,697	51,418	33,608	24,671	Number in 1900.....	32,688	15,689	9,667	7,442
1890.....	93,176	38,316	31,007	23,853	Native white—Native parentage.....	35,777	14,227	8,496	13,054
1880.....	23,563	3,200	15,452	4,911	Number in 1900.....	18,672	7,681	5,651	5,340
1870.....	5,790	.....	5,790	.....	Native white—Foreign or mixed parentage.....	7,751	3,514	1,987	2,250
Increase, 1900-1910.....	68,768	30,913	10,076	27,779	Number in 1900.....	4,827	2,576	1,278	873
Per cent of increase.....	62.7	60.1	30.0	112.6	Native white—Foreign parentage.....	2,995	1,208	797	990
Increase, 1890-1900.....	16,521	13,102	2,601	818	Native white—Mixed parentage.....	9,424	5,710	2,123	1,591
Per cent of increase.....	17.7	34.2	8.4	3.4	Number in 1900.....	5,576	3,392	1,473	711
COLOR AND NATIVITY					PER CENT OF TOTAL.				
White.....	162,108	72,996	39,136	49,976	Naturalized.....	4,195	2,427	1,115	653
Number in 1900.....	99,680	44,903	23,797	23,280	Having first papers.....	863	642	133	88
Number in 1890.....	31,371	53,312	25,969	22,590	Alien.....	2,500	1,734	413	352
Negro.....	16,281	9,280	4,538	2,457	Unknown.....	1,866	907	462	497
Number in 1900.....	12,705	6,509	4,807	1,359	ILLITERACY				
Number in 1890.....	11,243	4,972	5,024	1,247	ILLITERATE MALES OF VOTING AGE.				
Black.....	10,636	6,090	3,246	1,310	Total number illiterate.....	1,989	1,209	408	372
Mulatto.....	5,645	3,206	1,292	1,147	Per cent illiterate.....	3.4	4.6	2.9	2.1
Indian.....	35	28	4	3	Per cent in 1900.....	4.6	6.0	4.6	1.7
Chinese.....	5	4	.....	1	Native white, number illiterate.....	260	104	56	100
Japanese.....	36	17	6	13	Per cent illiterate.....	0.6	0.6	0.5	0.7
Native white—Native parentage.....	116,559	48,021	27,800	40,738	Foreign-born white, number illiterate.....	1,209	815	198	196
Number in 1900.....	66,498	27,587	19,764	18,347	Per cent illiterate.....	12.8	14.3	9.3	12.3
Native white—Foreign or mixed parentage.....	28,197	14,631	7,183	6,383	Negro, number illiterate.....	518	290	154	74
Number in 1900.....	20,434	11,164	6,388	5,422	Per cent illiterate.....	9.7	9.4	11.3	8.4
Native white—Foreign parentage.....	16,734	9,315	4,183	3,236	PERSONS 10 YEARS OLD AND OVER.				
Native white—Mixed parentage.....	11,463	5,316	3,000	3,147	Total number.....	146,865	66,472	36,527	43,866
Foreign-born white.....	17,352	10,344	4,153	2,855	Number illiterate.....	4,152	2,576	935	641
Number in 1900.....	10,898	6,362	3,195	1,441	Per cent illiterate.....	2.8	3.9	2.6	1.5
PER CENT OF TOTAL POPULATION.					PERSONS 10 TO 20 YEARS, INCLUSIVE.				
Native white—Native parentage.....	65.3	58.3	63.6	77.7	Total number.....	35,752	16,944	8,499	10,309
Per cent in 1900.....	59.7	53.3	58.3	74.4	Number illiterate.....	299	199	39	61
Native white—Foreign or mixed parentage.....	15.8	17.3	16.4	12.2	Per cent illiterate.....	0.8	1.2	0.5	0.6
Per cent in 1900.....	18.7	21.7	17.4	14.2	SCHOOL AGE AND ATTENDANCE				
Foreign-born white.....	9.7	12.6	9.5	5.4	Total number 6 to 20 years, inclusive.....	47,712	22,923	11,198	13,591
Per cent in 1900.....	10.0	12.4	8.5	5.8	Number attending school.....	29,243	13,924	6,829	8,480
Negro.....	9.1	11.3	10.4	4.7	Per cent attending school.....	61.3	60.7	61.0	62.5
Per cent in 1900.....	11.6	12.7	14.3	5.6	Number 6 to 9 years.....	11,960	5,979	2,699	3,282
SEX					PERSONS 6 TO 9 YEARS.				
Total.....	91,447	42,773	21,710	26,964	Number attending school.....	9,017	4,623	1,953	2,441
Male.....	47,018	21,974	11,117	14,886	Number 10 to 14 years.....	14,522	7,165	3,298	4,050
Female.....	44,429	20,799	10,593	12,078	Number attending school.....	13,408	6,635	3,052	3,721
White.....	83,248	38,117	19,517	25,614	Number 15 to 17 years.....	9,632	4,581	2,339	2,712
Male.....	42,811	19,517	10,019	12,862	Number attending school.....	4,946	2,100	1,240	1,606
Female.....	40,437	18,600	9,498	12,752	Number 18 to 20 years.....	11,598	5,198	2,862	3,538
Negro.....	8,141	4,622	2,185	1,334	Number attending school.....	1,872	566	584	722
Female.....	8,140	4,604	2,353	1,123	PERSONS 6 TO 14 YEARS, INCLUSIVE.				
FOREIGN NATIONALITIES					SCHOOL AGE AND ATTENDANCE				
FOREIGN-BORN WHITE: Born in—					PERSONS 6 TO 14 YEARS, INCLUSIVE.				
Austria.....	3,108	2,993	48	67	Total number.....	26,482	13,144	5,997	7,341
Belgium.....	162	152	4	6	Number attending school.....	22,425	11,258	5,005	6,162
Canada—French.....	90	44	23	23	Per cent attending school.....	84.7	85.7	83.5	83.9
Canada—Other.....	783	324	219	240	Native white—Native parentage, number.....	18,794	8,499	4,073	6,222
Denmark.....	284	233	14	37	Number attending school.....	15,924	7,331	3,388	5,205
England.....	1,511	668	490	353	Per cent attending school.....	84.7	86.3	83.2	83.7
France.....	155	73	45	37	Native white—Foreign or mixed parentage.....	4,746	2,981	1,081	684
Germany.....	3,415	1,853	767	795	Number attending school.....	4,083	2,552	931	600
Greece.....	256	210	28	28	Per cent attending school.....	86.0	85.6	86.1	87.7
Holland.....	77	25	13	16	Foreign-born white, number.....	566	325	161	80
Hungary.....	300	274	10	19	Number attending school.....	416	237	114	65
Ireland.....	1,573	1,034	266	253	Per cent attending school.....	73.5	72.9	70.8	.....
Italy.....	120	55	52	13	Negro, number.....	2,370	1,334	682	354
Mexico.....	723	102	284	337	Number attending school.....	1,997	1,134	572	291
Norway.....	122	52	48	22	Per cent attending school.....	84.3	85.0	83.9	82.2
Russia.....	1,983	955	851	177	DWELLINGS AND FAMILIES				
Scotland.....	362	135	157	70	Dwellings, number.....	39,359	18,279	10,387	11,293
Spain.....	90	2	1	87	Families, number.....	43,591	19,677	11,243	12,671
Sweden.....	1,551	785	689	77					
Switzerland.....	205	102	54	50					
Turkey.....	152	61	5	86					
Wales.....	163	93	51	10					
Other foreign countries.....	156	99	34	23					
NATIVE WHITE: Both parents born in—									
Austria.....	1,323	1,236	32	55					
Canada—French.....	51	16	19	16					
Canada—Other.....	309	133	88	88					
Denmark.....	201	164	16	21					
England.....	1,117	417	357	343					
France.....	130	52	41	37					
Germany.....	5,238	2,770	1,189	1,279					
Holland.....	77	29	18	30					
Hungary.....	130	122	4	4					
Ireland.....	2,775	1,843	436	496					
Norway.....	87	48	23	16					
Russia.....	936	298	569	69					
Scotland.....	325	114	111	100					
Sweden.....	1,511	775	661	75					
Switzerland.....	125	46	40	39					
Wales.....	142	66	48	28					
All others of foreign parentage.....	2,257	1,186	531	540					

¹ For changes in boundaries, etc., see page 622.

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

STATISTICS OF POPULATION.

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

SUBJECT.	TOTAL, CITIES NAMED.	Atchi-son. ¹	Coffey-ville.	Fort Scott.	Hutch-inson.	Inde-pend-ence.	Law-rence. ¹	Leaven-worth.	Parsons.	Pitts-burg. ¹
COLOR AND NATIVITY										
Total population, 1910.....	125,378	18,429	12,687	10,463	16,364	10,480	12,374	19,363	12,463	14,756
1900.....	94,618	15,722	4,953	10,322	9,379	4,851	10,862	20,735	7,682	10,112
Native white—Native parentage.....	85,984	9,822	9,808	8,008	13,061	8,412	7,699	8,973	9,445	10,756
Native white—Foreign or mixed parentage.....	18,367	2,905	1,043	1,022	1,611	916	1,525	5,444	1,551	2,350
Foreign-born white.....	7,910	1,084	406	386	847	407	716	2,464	463	1,137
Negro.....	12,287	2,618	1,309	1,047	840	733	1,784	2,477	999	500
Indian, Chinese, and Japanese.....	830		121		5	12	670	5	5	12
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	266	12	10	9	8		3	154	6	64
Belgium.....	114	3	10		5	37	1	8	6	44
Canada—French.....	52	3	4	4	15	3	4	11	2	6
Canada—Other.....	462	65	46	37	73	43	53	63	44	38
Denmark.....	107	39		5	7	4	16	8	24	4
England.....	1,027	108	69	58	146	70	112	174	78	214
France.....	167	11	17	6	15	18	6	18	16	60
Germany.....	2,784	533	112	105	108	77	232	1,221	126	269
Greece.....	83	35	4	2			10	12	7	4
Holland.....	51	19	1			2	5	22	2	
Ireland.....	830	120	39	41	73	33	45	342	90	47
Italy.....	198	10	3	1	2	35		68	1	78
Mexico.....	404	6	28	3	238	34	58	8	5	24
Norway.....	40	10	1	6	1		1	16	4	1
Russia.....	264	10	4	7	41	1	16	165	6	14
Scotland.....	304	44	14	17	17	13	16	66	18	99
Sweden.....	401	28	17	50	77	8	116	46	20	39
Switzerland.....	98	14	6	10	5	9	7	32	5	10
Turkey.....	73	6	7		1		5	5		54
Wales.....	96	7	3	18	12	1	8	8	2	37
Other foreign countries.....	89	1	11	8	3	9	5	22	4	26
NATIVE WHITE: Both parents born in—										
Austria.....	171	20	4	4			1	105	2	35
Canada—French.....	37	9	5	3	7	1	1	4	3	4
Canada—Other.....	139	31	12	7	21	6	20	10	18	14
Denmark.....	103	39	1	10	6		13	1	30	3
England.....	870	147	37	40	117	68	81	133	66	181
France.....	162	13	12	8	12	26	3	30	12	46
Germany.....	4,510	876	229	185	211	165	317	1,848	243	486
Ireland.....	1,802	368	73	85	123	91	64	671	187	140
Italy.....	101	7			1	16		41	3	33
Russia.....	174	8	2	2	45		5	88	3	21
Scotland.....	277	36	10	12	15	11	24	42	25	102
Sweden.....	368	32	20	34	73	12	95	40	34	28
Switzerland.....	66	7	12	5	4	6	8	20		4
Wales.....	105	2	5	10	9	5	16	9	4	45
All others of foreign parentage ²	1,403	176	104	66	126	87	98	437	135	174
SEX										
Total.. Male.....	62,969	8,234	6,464	5,182	8,523	5,501	5,899	9,491	6,266	7,409
Female.....	62,409	8,195	6,223	5,281	7,841	4,979	6,475	9,872	6,197	7,346
White.. Male.....	56,467	6,899	5,786	4,676	8,046	5,116	4,706	8,323	5,756	7,159
Female.....	55,794	6,912	5,471	4,740	7,473	4,619	5,234	8,558	5,703	7,084
Negro.. Male.....	6,054	1,335	620	506	473	380	822	1,166	509	243
Female.....	6,233	1,283	689	541	367	353	942	1,311	490	257
MALES OF VOTING AGE										
Total number.....	39,082	5,108	4,025	3,261	5,411	3,463	3,678	5,807	3,995	4,334
Native white—Native parentage.....	25,455	2,854	3,045	2,403	4,144	2,683	2,155	2,325	2,842	2,993
Native white—Foreign or mixed parentage.....	5,620	891	344	349	512	336	510	1,507	567	604
Foreign-born white.....	4,062	526	218	209	474	218	367	1,203	259	688
Negro.....	3,819	387	399	300	277	225	538	769	327	147
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	2,170	289	138	106	170	108	226	678	133	322
Having first papers.....	176	25	8	7	12	4	13	60	6	46
Alien.....	464	58	20	8	145	37	47	78	11	60
Unknown.....	1,252	154	57	88	147	69	81	387	109	160
ILLITERACY										
Total number 10 years old and over.....	103,036	13,675	10,243	8,544	13,604	8,602	10,674	15,874	10,802	11,618
Number illiterate.....	2,273	349	113	180	181	135	285	528	295	197
Native white 10 years old and over.....	84,246	10,385	8,717	7,307	12,054	7,606	7,825	11,349	8,902	10,101
Number illiterate.....	544	52	41	53	43	38	33	86	145	53
Foreign-born white 10 years old and over.....	7,755	1,079	403	383	823	396	702	2,408	460	1,101
Number illiterate.....	555	78	13	16	101	35	33	136	27	116
Negro 10 years old and over.....	10,283	2,211	1,046	854	722	591	1,503	2,112	838	406
Number illiterate.....	1,154	219	51	111	47	61	209	306	123	27
Illiterate males of voting age.....	926	146	45	67	107	47	106	192	128	88
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	34,795	4,707	3,505	2,848	4,465	2,790	3,545	5,401	3,232	4,302
Number attending school.....	22,676	2,758	2,386	1,925	2,855	1,903	2,664	3,245	2,131	2,808
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	19,472	2,547	2,012	1,693	2,401	1,524	1,758	3,149	1,846	2,542
Number attending school.....	16,863	2,091	1,817	1,521	2,058	1,341	1,544	2,661	1,606	2,224
Native white—Native parentage, number.....	14,518	1,756	1,612	1,409	2,073	1,264	1,204	1,747	1,508	1,945
Number attending school.....	12,620	1,436	1,471	1,266	1,788	1,112	1,048	1,498	1,313	1,693
Native white—Foreign or mixed parentage, number.....	2,657	386	155	98	183	123	166	940	147	459
Number attending school.....	2,328	337	146	89	159	111	142	808	123	413
Foreign-born white, number.....	176	15	6	1	26	14	5	67	3	39
Number attending school.....	112	10	4	1	6	10	2	45	2	32
Negro, number.....	1,961	390	207	185	119	119	287	395	185	94
Number attending school.....	1,650	308	168	165	105	104	237	315	167	81
DWELLINGS AND FAMILIES										
Dwellings, number.....	29,225	3,602	2,881	2,634	3,671	2,395	3,004	4,667	2,965	3,506
Families, number.....	30,738	3,733	3,031	2,679	3,867	2,521	3,163	4,936	3,133	3,675

¹ For changes in boundaries, etc., see page 622.

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

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

SUBJECT.	TOTAL CITIES NAMED.	Abilene.	Anthon.	Arkansas City.	Beloit.	Caney.	Chanute.	Cherryvale.	Clay Center.	Columbus.	Concordia.	Council Grove.	Dodge City.	Eldorado.
SEX, COLOR, AND NATIVITY														
Total population, 1910.....	189,947	4,118	2,669	7,508	3,082	3,597	9,272	4,304	3,438	3,064	4,415	2,545	3,214	3,129
1900.....	142,760	3,507	1,179	6,140	2,359	887	4,208	3,472	3,009	2,310	3,401	2,265	1,942	3,466
Male.....	95,093	2,001	1,387	3,804	1,491	1,871	4,657	2,173	1,662	1,442	2,162	1,351	1,042	1,581
Female.....	94,854	2,117	1,282	3,704	1,591	1,726	4,615	2,131	1,776	1,622	2,263	1,194	1,572	1,548
Native white—Native parentage.....	144,746	3,123	2,467	6,343	2,392	3,069	7,563	3,463	2,241	2,756	3,052	2,056	2,671	2,645
Native white—Foreign or mixed parentage.....	24,922	620	126	604	510	317	1,027	350	751	138	880	283	331	235
Foreign-born white.....	12,542	265	42	234	175	210	427	176	343	60	396	138	129	166
Negro.....	7,628	110	34	297	5	1	255	312	103	110	57	68	81	83
Indian, Chinese, and Japanese.....	109			30				3					2	
MALES OF VOTING AGE														
Total number.....	59,161	1,275	787	2,399	943	1,100	2,921	1,295	1,031	844	1,357	897	1,033	988
Native white—Native parentage.....	42,431	947	698	1,955	731	896	2,268	974	611	742	888	642	830	745
Native white—Foreign or mixed parentage.....	7,625	171	48	206	126	91	365	133	213	40	251	133	95	90
Foreign-born white.....	6,668	134	29	129	85	113	210	108	173	34	198	103	74	121
Naturalized.....	3,225	69	14	67	49	67	210	29	133	27	152	37	53	32
Negro.....	2,389	23	12	95	1		78	78	84	28	20	19	33	27
ILLITERACY														
Total number 10 years old and over.....	154,767	3,483	2,098	6,130	2,568	2,797	7,534	3,448	2,883	2,442	3,651	2,116	2,593	2,579
Number illiterate.....	3,322	29	14	93	22	33	80	57	31	44	63	31	37	147
Native white 10 years old and over.....	130,286	3,129	2,028	5,685	2,389	2,566	6,941	3,057	2,461	2,302	3,213	1,923	2,391	2,342
Number illiterate.....	1,107	16	8	53	9	25	46	14	12	26	21	11	17	24
Foreign-born white 10 years old and over.....	12,169	263	42	225	174	201	405	165	343	60	392	136	128	166
Number illiterate.....	1,325	6	2	8	13	8	15	17	6		38	11	17	71
Negro 10 years old and over.....	6,227	91	28	245	5		188	223	79	80	46	55	72	71
Number illiterate.....	888	7	4	32			19	26	13	15	4	9	3	22
Illiterate males of voting age.....	1,747	11	7	44	6	19	42	25	12	17	25	15	23	107
SCHOOL AGE AND ATTENDANCE														
Total number 6 to 20 years, inclusive.....	51,580	1,087	807	1,980	804	1,087	2,484	1,220	949	910	1,201	600	920	863
Number attending school.....	35,320	812	550	1,302	441	784	1,710	853	726	678	808	413	569	583
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	27,784	585	490	1,045	433	661	1,357	657	506	532	584	334	523	477
Number attending school.....	24,507	531	408	933	275	623	1,231	602	473	481	512	292	435	422
Foreign-born white, number.....	412	1	1	5		7	15	8	1		11		1	
Number attending school.....	285	1				5	11	2	1		10			
Negro, number.....	1,281	29	2	50	1	1	42	81	21	23	11	8	9	10
Number attending school.....	1,125	27	1	43	1	1	36	76	20	23	11	7	8	7
DWELLINGS AND FAMILIES														
Dwellings, number.....	46,320	1,051	624	1,797	802	824	2,348	1,094	855	766	1,008	617	728	788
Families, number.....	48,116	1,078	635	1,954	825	876	2,421	1,126	922	776	1,086	638	782	803

SUBJECT.	Emporia. ¹	Fredonia.	Frontenac.	Gallena. ¹	Garden City.	Great Bend.	Herington.	Hjathwa.	Holton.	Horton.	Humboldt.	Iola.	Junction City.	Kingman.
SEX, COLOR, AND NATIVITY														
Total population, 1910.....	9,058	3,040	3,398	6,098	3,171	4,622	3,273	2,974	2,842	3,600	2,548	9,032	5,598	2,570
1900.....	8,223	1,650	1,805	10,155	1,590	2,470	1,607	2,829	3,082	3,398	1,402	5,791	4,695	1,785
Male.....	4,296	1,525	1,863	3,063	1,620	2,399	1,716	1,428	1,330	1,916	1,282	4,531	2,706	1,263
Female.....	4,762	1,515	1,533	3,033	1,551	2,223	1,557	1,546	1,512	1,684	1,266	4,501	2,892	1,307
Native white—Native parentage.....	6,547	2,555	428	5,341	2,522	3,463	2,032	2,191	2,159	2,675	2,002	7,314	3,449	2,270
Native white—Foreign or mixed parentage.....	1,366	335	1,393	384	326	594	726	423	411	584	326	835	1,248	207
Foreign-born white.....	609	139	1,572	126	165	310	513	160	173	235	135	303	512	61
Negro.....	533	11	3	239	158	255	2	190	96	106	85	573	359	32
Indian, Chinese, and Japanese.....	3			6				20	3			7		
MALES OF VOTING AGE														
Total number.....	2,744	935	1,004	1,773	1,021	1,503	1,055	832	851	1,111	798	2,667	1,628	742
Native white—Native parentage.....	1,865	729	101	1,490	771	1,036	669	657	610	747	569	2,052	902	636
Native white—Foreign or mixed parentage.....	432	123	105	142	102	218	165	132	122	197	122	278	373	62
Foreign-born white.....	299	81	798	76	97	163	221	85	93	137	73	163	252	32
Naturalized.....	181	48	253	51	40	87	56	40	44	66	58	74	152	14
Negro.....	145	3		65	51	86		53	26	30	34	173	101	12
ILLITERACY														
Total number 10 years old and over.....	7,633	2,427	2,397	4,772	2,536	3,701	2,493	2,520	2,453	2,863	2,017	7,182	4,529	2,119
Number illiterate.....	132	32	199	148	35	71	69	30	29	72	43	91	99	9
Native white 10 years old and over.....	6,590	2,283	932	4,451	2,239	3,185	2,036	2,207	2,199	2,547	1,815	6,437	3,712	2,027
Number illiterate.....	34	20	3	109	2	25	5	12	6	30	27	47	35	4
Foreign-born white 10 years old and over.....	604	134	1,464	125	160	307	455	148	173	231	135	290	502	61
Number illiterate.....	36	9	196	8	25	16	64	2	13	31	6	6	4	
Negro 10 years old and over.....	436	10	1	193	137	209	2	152	79	85	67	447	315	31
Number illiterate.....	62	3		31	8	30		15	10	11	10	38	23	5
Illiterate males of voting age.....	63	13	135	73	21	33	35	8	13	30	18	45	45	5
SCHOOL AGE AND ATTENDANCE														
Total number 6 to 20 years, inclusive.....	2,381	816	1,080	1,863	810	1,311	833	728	755	1,045	703	2,635	1,543	766
Number attending school.....	1,702	557	688	1,242	589	900	524	522	478	727	476	1,856	1,038	521
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	1,152	470	549	1,080	455	724	444	384	382	596	423	1,451	845	400
Number attending school.....	1,059	427	484	926	413	637	369	348	276	543	376	1,328	741	340
Foreign-born white, number.....	11	4	141	1	7	11	55	2	2	2	2	15	9	
Number attending school.....	7	2	127	1	4	6	27	2	2	1	1	12	9	
Negro, number.....	89	3	1	47	24	60		38	17	25	9	83	64	4
Number attending school.....	74	2	1	43	24	42		34	11	24	9	77	59	2
DWELLINGS AND FAMILIES														
Dwellings, number.....	2,228	748	685	1,579	708	974	759	812	798	885	641	2,230	1,432	633
Families, number.....	2,312	785	712	1,601	803	1,031	780	826	810	900	660	2,257	1,504	663

¹ For changes in boundaries, etc., see page 622.

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

SUBJECT.	Larned.	Mc-Pher-son.	Man-hattan.	Neode-sha.	New-ton.	Olathe.	Osa-wato-mie.	Otta-wa.	Paola.	Pratt.	Rose-dale.	Salina.	Wel-ling-ton.	Win-field.
SEX, COLOR, AND NATIVITY														
Total population, 1910.....	2,911	3,546	5,722	2,872	7,862	3,272	4,046	7,650	3,207	3,302	5,960	9,688	7,034	6,700
1900.....	1,683	2,096	3,498	1,772	6,208	3,451	4,191	6,934	3,144	1,213	3,270	6,074	4,245	5,554
Male.....	1,472	1,732	2,787	1,426	4,058	1,588	2,087	3,716	1,499	1,703	3,017	4,814	3,807	3,235
Female.....	1,439	1,814	2,935	1,446	3,804	1,684	1,959	3,934	1,708	1,599	2,943	4,874	3,227	3,465
Native white—Native parentage.....	2,584	2,352	4,215	2,541	5,112	2,659	3,310	6,212	2,301	2,766	3,949	6,570	5,753	5,601
Native white—Foreign or mixed parentage.....	198	767	859	248	1,453	317	201	747	342	302	1,043	1,885	570	660
Foreign-born white.....	85	426	345	76	899	117	279	321	114	114	470	740	525	267
Negro.....	44	1	303	7	383	179	255	363	449	118	497	484	185	172
Indian, Chinese, and Japanese.....					15		1	7	1		1	9	1	
MALES OF VOTING AGE														
Total number.....	940	1,115	1,712	890	2,656	955	1,528	2,359	986	1,044	1,739	3,118	2,423	2,062
Native white—Native parentage.....	783	671	1,157	735	1,586	745	1,187	1,810	668	836	1,074	1,983	1,811	1,624
Native white—Foreign or mixed parentage.....	91	217	276	104	452	92	80	268	111	106	279	585	186	248
Foreign-born white.....	47	227	179	47	476	67	164	169	56	58	228	376	352	137
Naturalized.....	29	166	91	9	244	41	35	74	16	28	173	222	47	47
Negro.....	19		100	4	129	51	96	109	150	44	168	171	78	58
ILLITERACY														
Total number 10 years old and over.....	2,346	2,929	4,714	2,284	6,457	2,815	3,522	6,497	2,691	2,671	4,638	8,044	5,787	5,658
Number illiterate.....	8	46	87	16	177	56	314	140	74	62	150	123	254	75
Native white 10 years old and over.....	2,223	2,507	4,129	2,201	5,202	2,548	3,015	5,787	2,208	2,367	3,756	6,902	5,066	5,248
Number illiterate.....	2	10	17	13	23	14	188	56	9	12	37	38	11	33
Foreign-born white 10 years old and over.....	85	421	336	76	876	117	279	215	111	103	461	728	504	259
Number illiterate.....	3	36	36	3	120	12	59	14	5	40	19	29	236	18
Negro 10 years old and over.....	38	1	249	7	305	150	227	298	371	101	420	406	156	151
Number illiterate.....	3		34		34	30	67	70	60	10	94	55	7	24
Illiterate males of voting age.....	1	21	53	7	98	24	185	55	38	33	62	54	103	28
SCHOOL AGE AND ATTENDANCE														
Total number 6 to 20 years, inclusive.....	766	929	1,568	740	1,980	989	742	2,035	851	891	1,725	2,497	1,899	1,797
Number attending school.....	539	656	1,203	498	1,290	715	544	1,409	611	657	1,066	1,619	1,186	1,300
PERSONS 6 TO 14 YEARS, INCLUSIVE.														
Native white, number.....	423	531	788	460	1,000	551	394	1,042	389	507	937	1,257	1,026	940
Number attending school.....	373	461	711	390	925	462	371	949	347	479	813	1,114	800	827
Foreign-born white, number.....		5	9		22	1	1	5	6	10	9	13	13	10
Number attending school.....		5	5		13	1	1	3	5		7	10	4	3
Negro, number.....	8		42		62	37	32	59	79	19	85	66	27	24
Number attending school.....	7		38		54	32	30	49	69	18	76	56	13	20
DWELLINGS AND FAMILIES														
Dwellings, number.....	756	903	1,420	754	1,837	856	677	2,012	866	775	1,429	2,251	1,562	1,748
Families, number.....	789	932	1,473	777	1,933	874	687	2,059	895	812	1,464	2,371	1,637	1,817

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

SUBJECT.	THE CITY.	WARD.						
		1	2	3	4	5	6	7
SEX, COLOR, AND NATIVITY								
Total population, 1910.....	82,331	2,935	9,243	23,152	10,157	18,366	10,812	6,666
Male.....	42,773	2,466	4,818	11,405	5,013	9,627	5,909	3,535
Female.....	39,558	1,469	4,425	11,747	5,144	8,739	4,903	3,131
Native white—Native parentage.....	48,021	746	3,636	15,295	6,067	10,510	7,548	4,219
Native white—Foreign or mixed parentage.....	14,631	709	1,419	2,782	2,353	4,346	1,929	1,093
Foreign-born white.....	10,344	1,693	1,400	1,239	1,106	3,149	1,124	633
Negro.....	9,286	776	2,782	3,824	625	361	209	708
Indian, Chinese, and Japanese.....	49	11	6	12	5		2	18
FOREIGN-BORN WHITE: Born in—								
Austria.....	2,993	1,221	814	51	168	689	38	12
Belgium.....	152	3		9	4	83	37	66
Canada.....	368	7	39	112	58	89	35	28
Denmark.....	233	9	33	38	18	104	17	14
England.....	668	12	44	185	85	155	112	75
Germany.....	1,853	87	165	369	258	605	190	179
Greece.....	210	16	20	1	10	5	156	2
Hungary.....	274	70	42	11	14	125	9	3
Ireland.....	1,054	56	65	144	197	280	238	74
Mexico.....	102	4		1	2		15	80
Russia.....	955	95	57	56	67	583	90	7
Scotland.....	135	4	9	36	12	39	16	19
Sweden.....	785	30	64	124	149	314	76	28
Switzerland.....	102	4	13	25	11	32	11	6
Other foreign countries.....	460	75	35	77	53	98	84	40
MALES OF VOTING AGE								
Total number.....	26,562	1,711	3,122	6,886	3,210	5,727	3,681	2,215
Native white—Native parentage.....	14,227	251	1,186	4,317	1,803	3,021	2,317	1,332
Native white—Foreign or mixed parentage.....	8,514	73	270	725	635	917	600	294
Foreign-born white.....	5,710	1,067	724	654	550	1,670	687	358
Naturalized.....	2,427	126	287	442	339	725	330	178
Negro.....	3,088	310	937	1,188	220	119	85	229
ILLITERACY AND SCHOOL ATTENDANCE								
Total number 10 years old and over.....	66,472	3,242	7,609	18,582	8,455	14,482	8,672	5,430
Number illiterate.....	2,576	605	625	357	112	577	181	119
Illiterate males of voting age.....	1,209	339	277	125	32	281	94	61
Total number 6 to 20 years, inclusive.....	22,923	977	2,403	6,511	2,582	5,308	3,254	1,888
Number attending school.....	13,924	494	1,299	4,399	1,548	3,162	1,777	1,245
DWELLINGS AND FAMILIES								
Dwellings, number.....	18,279	671	2,029	5,575	2,262	3,912	2,273	1,557
Families, number.....	19,677	833	2,323	5,802	2,505	4,172	2,396	1,646

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

WICHITA.

SUBJECT.	THE CITY.	WARD.					
		1	2	3	4	5	6
SEX, COLOR, AND NATIVITY							
Total population, 1910.....	52,450	9,008	8,939	8,681	11,732	6,815	7,275
Male.....	25,964	4,623	4,685	4,736	5,877	3,283	3,760
Female.....	25,486	4,385	4,254	3,945	5,855	3,532	3,515
Native white—Native parentage.....	40,738	7,171	6,640	6,803	8,688	5,731	5,805
Native white—Foreign or mixed parentage.....	6,383	1,205	934	1,178	1,416	773	877
Foreign-born white.....	2,855	582	350	471	667	309	476
Negro.....	2,457	49	1,011	229	1,049	2	117
Indian, Chinese, and Japanese.....	17	1	4		12		
FOREIGN-BORN WHITE: Born in—							
Austria.....	67	7	17	12	16	1	14
Canada.....	263	50	45	40	59	41	28
Denmark.....	37	12	5	7	7	1	5
England.....	353	65	56	78	78	32	44
Germany.....	795	151	99	132	243	61	109
Holland.....	39	3		2	28	3	3
Ireland.....	253	26	46	65	60	30	26
Mexico.....	337	5	26	20	89	8	189
Russia.....	177	107	6	33	18	5	8
Scotland.....	70	8	14	13	15	12	8
Spain.....	87	83	1	2			
Sweden.....	77	20	10	14	13	13	7
Switzerland.....	50	8	4	12	11	6	9
Turkey.....	86		4	1		80	1
Other foreign countries.....	164	37	17	41	28	16	25
MALES OF VOTING AGE							
Total number.....	17,788	3,210	3,137	3,351	3,752	2,008	2,330
Native white—Native parentage.....	13,054	2,423	2,190	2,484	2,576	1,618	1,763
Native white—Foreign or mixed parentage.....	2,250	434	343	479	491	236	262
Foreign-born white.....	1,591	333	199	279	358	153	269
Naturalized.....	653	133	112	127	126	73	82
Negro.....	880	20	396	109	318	1	36
ILLITERACY AND SCHOOL ATTENDANCE							
Total number 10 years old and over.....	43,866	7,703	7,510	7,540	9,718	5,560	5,835
Number illiterate.....	641	126	74	53	192	31	165
Illiterate males of voting age.....	372	79	36	27	113	16	101
Total number 6 to 20 years, inclusive.....	13,591	2,189	2,261	2,009	3,095	2,013	2,024
Number attending school.....	8,490	1,353	1,432	1,145	2,013	1,215	1,332
DWELLINGS AND FAMILIES							
Dwellings, number.....	11,293	1,936	1,924	1,671	2,623	1,505	1,634
Families, number.....	12,671	2,234	2,178	2,109	2,799	1,632	1,719

NOTES REGARDING CHANGES IN BOUNDARIES, ETC.

COUNTIES.

BARBER.—Parts of Harper and Pratt annexed in 1873.
CHAUTAUQUA.—Organized from part of Howard in 1875.
CHEYENNE.—Organized from unorganized territory in 1873.
CLARK.—Part of Ford annexed in 1873.
COMANCHE.—Organized from part of old Kiowa in 1875; part taken to form part of new Kiowa in 1886.
DECATUR.—Organized from unorganized territory in 1873.
EDWARDS.—Organized from parts of old Kiowa and unorganized territory in 1874; part of old Kiowa annexed in 1875; part taken to form part of new Kiowa in 1886.
ELK.—Organized from part of Howard in 1875.
FINNEY.—Organized from Arapahoe and Sequoyah and parts of Buffalo, Foote, Grant, and Kearny in 1884; parts taken to form Haskell and parts of Garfield, Grant, and Kearny in 1887; Garfield annexed in 1893.
FORD.—Organized from part of Hodgeman in 1873; part annexed to Clark in 1873; part of Foote annexed in 1884; part taken to form part of Gray in 1887.
GEARY.—Parts of Riley annexed in 1873 and 1875; name changed from Davis in 1880.
GRANT.—Organized from unorganized territory in 1873; part taken to form part of Finney and part annexed to Hamilton in 1884; reorganized from parts of the same counties in 1887.
GRAY.—Organized from parts of Finney, Ford, and Hodgeman in 1887.
GREELEY.—Organized from unorganized territory in 1873.
HAMILTON.—Organized from unorganized territory in 1873; Stanton and parts of Grant and Kearny annexed in 1884; parts taken to form Stanton and parts of Grant and Kearny in 1887.
HARPER.—Part taken to form part of Kingman in 1872; part annexed to Barber in 1873.
HARVEY.—Organized from parts of McPherson and Sedgwick in 1872; part of Marion annexed in 1873.
HASKELL.—Organized from part of Finney in 1887.
HODGEMAN.—Part of unorganized territory annexed in 1873; part taken to form Ford in 1873; parts of Buffalo and Foote annexed in 1884; parts taken to form parts of Garfield and Gray in 1887.
KEARNY.—Organized from unorganized territory in 1873; part taken to form part of Finney and part annexed to Hamilton in 1884; reorganized from parts of the same counties in 1887.
KINGMAN.—Organized from parts of Harper and Reno in 1872.
KIOWA.—Organized from parts of Comanche and Edwards in 1886.
LANE.—Organized from unorganized territory in 1873.
LOGAN.—Organized as St. John from part of Wallace in 1881.
MCPHERSON.—Part taken to form part of Harvey and part annexed to Reno in 1872.
MARION.—Part annexed to Harvey in 1873.
MEADE.—Organized from unorganized territory in 1873.

MORTON.—Organized from unorganized territory in 1873; name changed from Kansas in 1886.
NORTON.—Name changed to Billings in 1873; name changed back to Norton in 1874.
PAWNEE.—Parts of Rush and Stafford annexed in 1873; part given to unorganized territory in 1873; part of unorganized territory annexed in 1874.
PRATT.—Part annexed to Barber in 1873.
RAWLINS.—Organized from unorganized territory in 1873.
RENO.—Parts of McPherson, Rice, and Sedgwick annexed in 1872; part taken to form part of Kingman in 1872.
RICE.—Part annexed to Reno in 1872.
RILEY.—Part of Wabaunsee annexed in 1871; parts annexed to Geary in 1873 and 1875.
RUSH.—Part annexed to Pawnee in 1873.
SCOTT.—Organized from unorganized territory in 1873.
SEDGWICK.—Part taken to form part of Harvey in 1872; part annexed to Reno in 1872.
SEWARD.—Organized from unorganized territory in 1873.
SHERIDAN.—Organized from unorganized territory in 1873.
SHERMAN.—Organized from unorganized territory in 1873.
STAFFORD.—Part annexed to Pawnee in 1873.
STANTON.—Organized from unorganized territory in 1873; annexed to Hamilton in 1884; reorganized from part of the same county in 1887.
STEVENS.—Organized from unorganized territory in 1873.
THOMAS.—Organized from unorganized territory in 1873.
WABAUNSEE.—Part annexed to Riley in 1871.
WALLACE.—Part taken to form Logan in 1881.
WICHITA.—Organized from unorganized territory in 1873.
NOTE.—In computing this increase the population of Indian reservations in 1900 has been deducted from the total population of the county, in order to make that total comparable with the total for 1890, which does not include the population of Indian reservations. The population thus deducted in the several counties was as follows: Brown, 968; Doniphan, 47; and Jackson, 1,011.

CITIES.

ATCHISON.—Part of Walnut township annexed in 1905.
EMPORIA.—Part of Emporia township annexed in 1903.
GALENA.—Empire City annexed in 1907.
KANSAS CITY.—Part of Quindaro township annexed in 1905 and Argentine City annexed in 1910.
LAWRENCE.—Parts of Wakarusa township annexed since 1900.
PITTSBURG.—Parts of Baker township annexed in 1906 and 1907.
TOPEKA.—Parts of Topeka township annexed between 1890 and 1900 and since 1900.
WICHITA.—Parts of Wichita township annexed in 1904, 1905, and 1907.

CHAPTER 3.

STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents a complete statement of the statistics of agriculture for Kansas 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 lands.—Farm land is divided into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved land, woodland being included with unimproved land. *Improved*

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

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

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

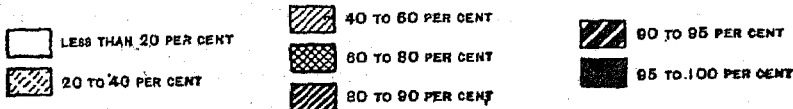
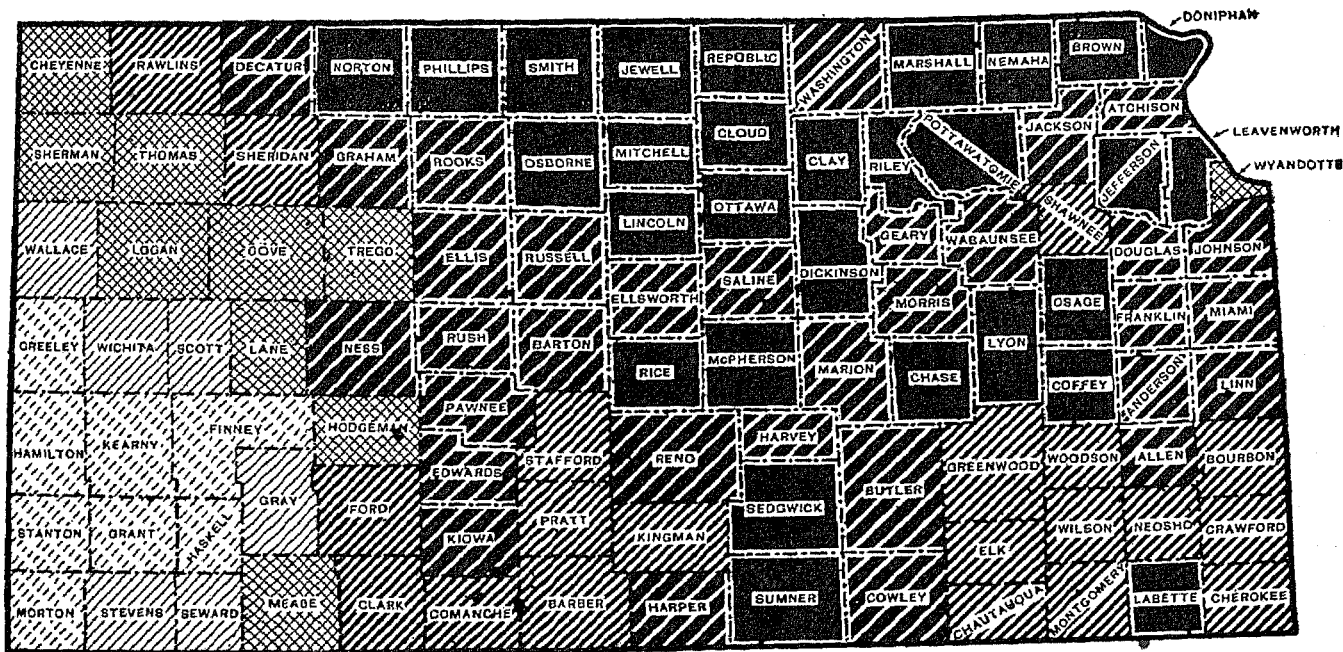
(2) The fact that farmers may buy domestic animals during the census year which are subsequently sold or slaughtered during the same year, and that it is impossible to eliminate the duplication accurately; and the further fact that the value of domestic animals sold or slaughtered, or of forest products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

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

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

PER CENT OF LAND AREA IN FARMS.

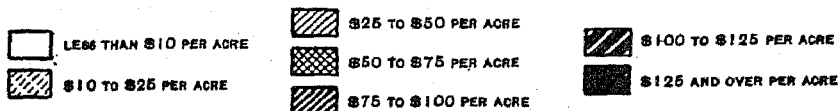
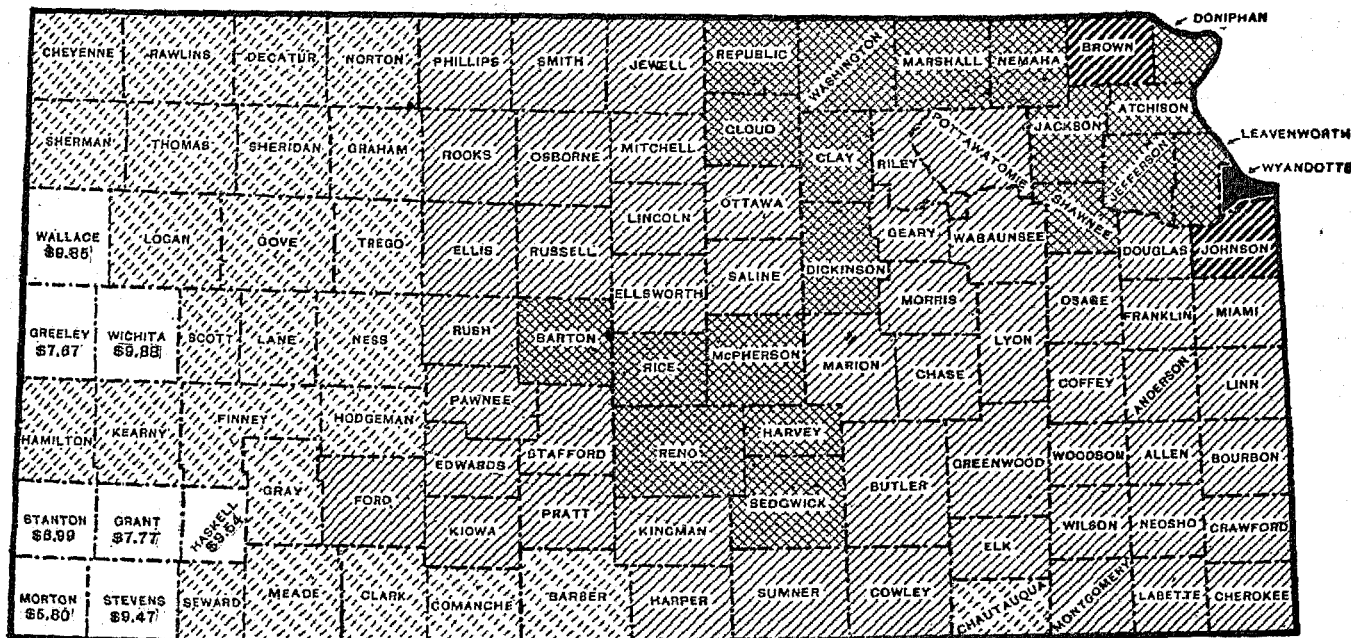
[Per cent for the state, 82.9.]



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$35.45.]

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



FARMS AND FARM PROPERTY.

Kansas ranks twelfth in land area and twenty-second in population among the states and territories of continental United States. The state lies wholly within the Great Plains Region, which stretches from the Mississippi Valley westward to the Rocky Mountains. The general level of the surface of the state inclines gradually upward from its eastern boundary, where it has an average altitude of about 850 feet above sea level, to the western boundary, which has an average altitude of about 4,000 feet. The eastern portion of the state possesses a rolling to hilly surface considerably dissected by the larger streams. The west central and western portions of the state consist of broad, rolling plains interrupted chiefly by the shallow valleys of the larger rivers.

Only the northeastern counties, north of the Kansas River and east of the Big Blue River, lie within the glaciated portion of the plains region. Within this section the underlying rocks are buried by a glacial till, which in turn is covered by a deposit of fine silty material known as the loess. Practically all of the soils of this region are derived from the loess covering. The principal soil is a brown silty loam well adapted to the production of general farm crops.

The soils of southeastern and central Kansas have been formed by the weathering of the underlying consolidated rocks and constitute a portion of the residual prairie region. They consist principally of silty loams and clay loams, prevailing brown or gray in color.

Practically all of northwestern Kansas is covered by a thick deposit of the loess, which overlies all other geological formations and constitutes the gently rolling or almost level surface of the higher plains. The soil derived from this material is prevailing a brown silty loam in the more eastern regions and a brown or yellow silty loam in the more western portion of the state. The silty soils derived from the loess merge gradually into similar silty soils derived from the "plains marl," which covers the southwestern portion of Kansas west of the residual prairies.

In the eastern half of Kansas the rainfall is sufficient for the maturing of all crops, the normal annual precipitation ranging from 25 to 35 inches. In the western half of the state the rainfall is lighter, the normal annual precipitation ranging from 15 to 25 inches. This precipitation is sufficient to produce a good growth of grass on the ranges and for maturing grain crops under intensive cultivation. Irrigation is practiced in the stream valleys of the western part of the state, principally along the Arkansas River for 75 miles east from the Colorado line.

The two maps on the opposite page show, by counties, the proportion of the total land area which is in

farms and the average value of farm land per acre. Of the state's entire land area 82.9 per cent, or almost five-sixths, is in farms. In the eastern two-thirds of the state all of the counties have 80 per cent or more in farms, with the exception of Wyandotte, which has 79.2 per cent; and a considerable number, especially in the northern part, have over 95 per cent in farms. In the western third the percentage in farms for counties generally is less than 80, and for a group of counties in the southwest the percentage ranges from 20 to 40.

The average value of farm land per acre for the whole state is \$35.45. The average value of land in practically every county in the western third of the state falls between \$10 and \$25 per acre, while in most counties in the eastern two-thirds of the state values range from \$25 to \$50. In the south central and northeastern sections of the state, however, certain counties show an average value of from \$50 to \$75 per acre, while two counties in the northeast, namely, Brown and Johnson, show an average of \$75 to \$100, and in Wyandotte County, which includes Kansas City, the average is \$168.63 per acre.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there were increases of 15 per cent in the population of the state and of 2.7 per cent in the number of farms. The improved land in farms increased 19.4 per cent, accompanied by an increase of 4.1 per cent in the area of farm land. The average size of farms rose from 240.7 to 244 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 over a billion dollars, or considerably more than doubled. This increase is chiefly made up of an increase of \$1,005,789,000 in the value of land. There is also an increase of \$88,114,000 in the value of buildings, and of \$81,386,000 in the value of farm equipment, including implements and machinery and live stock, of which more than three-fourths represents a gain in the value of live stock and the remainder the increase in the value of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The average value of a farm with its equipment in 1900 was \$4,992; in 1910, \$11,467. The average value of farm land rose from \$12.77 per acre in 1900 to \$35.45 in 1910, this advance being accompanied by increases in the average value per farm of buildings, of implements and machinery, and of live stock.

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

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE.	
			Amount.	Per cent.
Population.....	1,690,949	1,470,495	220,454	15.0
Number of all farms.....	177,841	173,098	4,743	2.7
Approximate land area of the state.....acres..	52,335,360	52,335,360	-----	-----
Land in farms.....acres..	43,384,799	41,662,970	1,721,829	4.1
Improved land in farms.....acres..	29,904,067	25,040,550	4,863,517	19.4
Average acres per farm.....	244.0	240.7	3.3	1.4
Value of farm property:				
Total.....	\$2,039,389,910	\$864,100,286	\$1,175,289,624	136.0
Land.....	1,537,976,573	532,187,610	1,005,788,963	189.0
Buildings.....	199,579,599	111,465,160	88,114,439	79.1
Implements and machinery.....	48,310,161	29,490,580	18,819,581	63.8
Domestic animals, poultry, and bees....	253,523,577	190,956,936	62,566,641	32.8
Average value of all property per farm.....	\$11,467	\$4,992	\$6,475	129.7
Average value of land per acre.....	\$35.45	\$12.77	\$22.68	177.6

Irrigation.—Of the 177,841 farms in the state, 1,006, or 0.6 per cent, were reported as irrigated in 1909. The acreage reported as irrigated in 1909 was 37,479 acres, or 0.1 per cent of the improved land in farms. Enterprises existing in 1910 were, however, capable of supplying water to an area of 139,995 acres; and the total acreage included in irrigation projects, completed or under way, in 1910 was 161,300 acres.

Population, number of farms, and farm acreage: 1860 to 1910.—The table following presents, for the state as a whole for each census from 1860 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.
		Number.	Per cent of in- crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease.			
1910....	1,690,949	177,841	2.7	43,384,799	4.1	29,904,067	82.9	68.9
1900....	1,470,495	173,098	3.9	41,662,970	37.9	25,040,550	79.6	60.1
1890....	1,428,108	166,617	20.2	30,214,456	41.1	22,303,301	57.7	73.8
1880....	996,096	138,561	262.7	21,417,468	278.6	10,739,566	40.9	50.1
1870....	364,399	38,202	267.3	5,656,879	218.1	1,971,003	10.8	34.8
1860 ¹ ..	107,206	10,400	-----	1,778,400	-----	405,468	3.4	22.8

¹ No data prior to 1860. Organized as a territory in 1854.

In the 50 years since 1860 the population of the state has increased from 107,206 to 1,690,949. During the decade 1890 to 1900 the population growth was insignificant; since 1900 the increase has been 220,454.

There are 177,841 farms in Kansas. Although the number of farms has increased during each decade since 1860, the increase was most rapid from 1870 to 1880, in which decade the number increased by over 100,000. During the last decade the increase in the number of farms was largely in the western half of

the state, where the number increased in almost every county; in the eastern half about four out of five counties show decreases.

The land surface of Kansas is approximately 52,335,360 acres. Of this area, 43,384,799 acres, or 82.9 per cent, are included in farms, while 29,904,067 acres, or 68.9 per cent of the total farm acreage, are reported as improved land. The total acreage of farm land increased 4.1 per cent during the last decade. Since the acreage improved increased more rapidly than total acreage in farms during the last decade, the percentage of farm land improved rose materially.

An increase in farm acreage and in acreage improved has been reported at each census since 1860, giving at each census a higher percentage of total land area in farms. The percentage of land in farms has risen from 3.4 in 1860 to 82.9 in 1910. The percentage of farm land improved also has increased rapidly from 22.8 in 1860 to 68.9 in 1910. While improved acreage has in general increased faster than the total acreage in farms, it increased more slowly than total acreage in the decade 1890 to 1900. In this decade the percentage of farm land improved decreased from 73.8 to 60.1. In spite of the fact that during the last decade improved acreage has increased faster than total acreage, the percentage improved, 68.9, is still somewhat below that of 1890.

Values of farm property: 1860 to 1910.—The agricultural changes in Kansas since 1860, as reflected in the values of the several classes of farm property, are shown in the next table.

The total wealth in the form of farm property is a little over \$2,000,000,000, of which 85.2 per cent represents land and buildings, 2.4 per cent implements and machinery, and 12.4 per cent live stock. The total value of farm property made a greater percentage increase during the last decade than during either of the two preceding decades and is now over two and one-third times as great as 10 years ago. Each census

from 1880 to 1900 had shown a lower percentage of increase than the census preceding. It is noteworthy, however, that the increase in value of live stock from 1900 to 1910 was by a lower percentage than in any previous decade.

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.....	\$2,039,389,910	136.0	\$1,737,556,172	170.0	\$48,310,161	63.8	\$253,523,577	32.8
1900.....	864,100,286	22.3	643,652,770	15.0	29,490,580	56.3	190,950,938	49.1
1890.....	706,604,141	125.4	559,726,046	138.0	18,869,790	20.6	123,068,305	104.2
1880.....	1,313,535,933	233.4	235,178,936	225.4	15,652,848	382.7	162,704,149	238.2
1870 ²	94,042,830	476.3	72,261,632	489.5	3,242,650	345.6	18,538,648	456.3
1860 ³	16,318,383		12,258,239		727,694		3,332,450	

¹ Includes estimated value of range animals.
² Computed gold values, being 80 per cent of the currency values reported.
³ No data prior to 1860. Organized as a territory in 1854.

Average acreage and values per farm: 1860 to 1910.—The changes which have taken place during the past 50 years in the average acreage of Kansas 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.....	244.0	\$11,467	\$9,770	\$272	\$1,426	\$40.05
1900.....	240.7	4,992	3,718	170	1,103	15.45
1890.....	181.3	4,241	3,359	113	769	18.53
1880.....	154.6	2,263	1,697	113	453	10.98
1870 ²	148.0	2,462	1,892	85	485	12.77
1860 ³	171.0	1,569	1,179	70	320	6.89

¹ Averages are based on "all farms" in state.
² Includes estimated value of range animals.
³ Computed gold values, being 80 per cent of the currency values reported.
⁴ No data prior to 1860. Organized as a territory in 1854.

In average size the Kansas farm increased from 171 acres in 1860 to 244 acres in 1910. A decrease occurred between 1860 and 1870, but since that time the increase has been continuous, averaging almost 2.5 acres per year.

The average value of a Kansas farm, including its equipment, has grown during the last decade from \$4,992 to \$11,467, of which \$9,770 represents the value of land and buildings, \$1,426 the value of live stock, and \$272 the value of implements and machinery. During the last decade the average value of land and buildings per acre of land has increased \$24.60, or 159.2 per cent. The value per farm of equipment, which includes implements and machinery and live stock, is over four times as great as it was 50 years ago.

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

Out of an increase of 4,743 in the total number of farms during the last decade, only 271 were in farms operated by owners and managers, as compared with 4,472 in those operated by tenants.

TENURE.	1910	1900	1890	1880
Number of all farms.....	177,841	173,093	166,617	138,561
Farms operated by owners and managers.....	112,443	112,172	119,576	115,910
Farms consisting of owned land only.....	78,068	77,009	(¹)	(¹)
Farms consisting of owned and hired land.....	33,100	33,434	(¹)	(¹)
Farms operated by managers.....	1,335	1,729	(¹)	(¹)
Farms operated by tenants.....	65,398	60,926	47,041	22,651
Share tenants.....	36,933			
Share-cash tenants ²	9,612	43,185	36,940	18,213
Cash tenants.....	13,784			
Tenure not specified ³	5,069	17,741	10,101	4,438
Percent of farms operated by—				
Owners and managers.....	63.2	64.8	71.8	83.7
Tenants.....	36.8	35.2	28.2	16.3
Share and share-cash.....	26.2	24.9	22.2	13.1
Cash and nonspecified.....	10.6	10.3	6.1	3.2

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.

In 1880, 16.3 per cent of the Kansas farms were operated by tenants. This proportion has shown a continuous and rapid increase during the following decades and in 1910 about 37 out of every 100 farms were thus operated. Of these 37 tenant farms 11 were operated by cash tenants and 26 by share tenants. As used in this discussion "cash tenants" include "non-specified" and "share tenants" include "share-cash."

For the 30-year period the proportions of both cash and share tenants have shown a continuous increase. In actual number of farms operated both more than doubled between 1880 and 1890, and both have increased continuously since that time. In 1880 and 1890 share tenants were about four times as numerous as cash tenants, while in 1910 they were about two and one-half times as numerous.

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.....	43,384,799	41,662,970	29,904,067	25,040,559	\$1,737,556,172	\$643,652,770
Owners.....	28,340,182	29,141,857	19,348,793	17,220,611	1,109,337,955	441,020,460
Managers.....	1,263,691	2,467,341	434,862	479,731	32,473,063	20,467,180
Tenants.....	13,280,926	10,053,772	10,120,412	7,340,208	595,745,154	182,165,180

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

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	62.5	63.8	65.5	69.9	64.7	68.8	63.8	68.5
Managers.....	0.8	1.0	2.9	5.9	1.5	1.9	1.9	3.2
Tenants.....	36.8	35.2	30.6	24.1	33.8	29.3	34.3	28.3

It will be seen that, in 1910, 66.5 per cent of all land in farms was in farms operated by their owners (includ-

ing part owners), 2.9 per cent in farms operated by managers, and 30.6 per cent in farms operated by tenants, the percentage for owners and for managers being lower and that for tenants higher than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (946.6 acres) was somewhat less than four times as great as that of farms operated by owners (259.6 acres), which was in turn larger than that of farms operated by tenants (203.1 acres). The average size of farms operated by managers decreased decidedly between 1900 and 1910, while that of farms operated by owners decreased slightly and that of tenant farms increased. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		1910	1900	Per farm.		Per acre.	
	1910	1900	1910	1900			1910	1900	1910	1900
Total.....	244.0	240.7	168.2	144.7	68.9	60.1	\$9,770	\$3,718	\$40.05	\$15.45
Owners.....	259.6	263.9	174.1	155.9	67.1	59.1	9,884	3,993	38.47	15.13
Managers.....	946.6	1,427.0	325.7	277.5	34.4	19.4	24,324	11,839	25.70	8.30
Tenants.....	203.1	165.0	154.7	120.5	76.2	73.0	9,110	2,990	44.86	18.12

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

The following table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	111,108		108,530		118,031	
Free from mortgage.....	60,582	55.2	61,806	58.2	52,548	44.5
Mortgaged.....	49,249	44.8	44,343	41.8	65,483	55.5
Unknown.....	1,277		2,381			

¹ Includes all farms owned in whole or in part by the operator.
² The 1,084 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 111,108. Of this number 60,582 were reported as free from mortgage;

49,249 were reported as mortgaged; and for 1,277 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 44.8 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is a little larger than it was in 1900, but is considerably smaller than in 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that the number of farms free from mortgage was greater, and the number mortgaged less, in 1910 than in 1890.

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 49,249 farms reported as mortgaged, 31,737 are wholly owned by the farmers, and for 30,442 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included under 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgaged debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	30,442	65,483		
Value—Land and buildings.....	\$287,082,217	\$204,926,655		
Amount of mortgage debt.....	\$70,819,736	\$73,749,283		
Per cent of debt to value.....	24.7	36.0		
Average value per farm.....	\$9,430	\$3,129	\$6,301	201.4
Average debt per farm.....	\$2,326	\$1,126	\$1,200	106.6
Average equity per farm.....	\$7,104	\$2,003	\$5,101	254.7

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

The average debt of mortgaged farms increased in the 20 years from \$1,126 to \$2,326, or 106.6 per cent, while the average value of such farms rose from \$3,129 to \$9,430, or 201.4 per cent. Thus the owner's equity increased from \$2,003 to \$7,104, or 254.7 per cent. As a result of the increase in farm values, accompanied by a decrease in total farm debt, the mortgage indebtedness, which equaled 36 per cent of the value of the mortgaged farms in 1890, had decreased to 24.7 per cent of the value in 1910.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	177,841	178,098	4,743	2.7	100.0	100.0
Under 3 acres.....	220	690	-470	-68.1	0.1	0.4
3 to 9 acres.....	4,221	2,908	1,313	45.2	2.4	1.7
10 to 19 acres.....	3,601	3,408	193	5.7	2.0	2.0
20 to 49 acres.....	10,738	12,269	-1,531	-12.5	6.0	7.1
50 to 99 acres.....	26,151	32,103	-5,952	-18.5	14.7	18.5
100 to 174 acres.....	57,789	58,421	-632	-1.1	32.5	33.7
175 to 259 acres.....	26,590	22,663	3,927	17.3	15.0	13.1
260 to 499 acres.....	34,606	28,182	6,514	23.1	19.5	16.3
500 to 999 acres.....	10,475	8,895	1,580	17.8	5.9	5.1
1,000 acres and over....	3,360	3,559	-199	-5.6	1.9	2.1

¹ A minus sign (-) denotes decrease.

About one-third (32.5 per cent) of the total number of farms in the state are between "100 and 174 acres" in size. This is the largest group of farms, and the next largest group consists of the "260 to 499 acre" farms, which constitute 19.5 per cent of the total. Somewhat less numerous are the farms between "175 and 259 acres," which constitute 15 per cent of the total number of farms. These three groups, made up of farms between 100 and 499 acres in size, include about two-thirds of the total number of farms and represent mainly typical farms, namely, the 160-acre farm and the 320-acre farm.

A study of the distribution of farms by size groups discloses the further fact that the greatest relative gain in number between 1900 and 1910 was in the farms between 3 and 9 acres in size. The number of places "under 3 acres" where some agriculture is carried on is reported as less than one-third 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. Farms of 20 to 174 acres constituted a considerably smaller proportion of the total number in 1910 than in 1900, while farms from 175 to 999 acres constituted a larger proportion.

The following table shows the acreage, improved acreage, and value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 8,042), and also the farms of between 175 and 499 acres (numbering 61,286):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	43,384,799	41,682,970	28,904,067	25,040,550	\$1,737,556,172	\$843,652,770
Under 20 acres.....	69,569	69,069	63,746	60,850	19,533,037	9,111,400
20 to 49 acres.....	366,331	437,177	318,485	380,479	33,138,115	17,499,610
50 to 99 acres.....	1,998,144	2,467,724	1,718,144	2,106,597	117,647,026	65,348,780
100 to 174 acres.....	8,518,875	8,638,256	6,888,850	6,773,211	425,925,574	176,124,660
175 to 499 acres.....	18,018,076	14,807,183	13,811,638	10,515,445	782,515,668	250,952,980
500 to 999 acres.....	7,121,831	6,027,508	4,527,088	3,195,568	219,941,757	69,090,120
1,000 acres and over.....	7,291,876	9,216,056	2,576,066	2,003,400	138,854,948	55,525,220

The next 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.....	4.5	4.0	0.2	0.2	0.2	0.2	1.1	1.4
20 to 49 acres.....	6.0	7.1	0.8	1.0	1.1	1.5	1.9	2.7
50 to 99 acres.....	14.7	18.5	4.6	5.9	5.7	8.4	6.8	10.2
100 to 174 acres.....	32.5	33.7	19.6	20.7	23.0	27.1	24.5	27.4
175 to 499 acres.....	34.5	29.4	41.5	35.5	46.2	42.0	45.0	39.0
500 to 999 acres.....	5.9	5.1	16.4	14.5	15.1	12.8	12.7	10.7
1,000 acres and over.....	1.9	2.1	16.8	22.1	8.6	8.0	8.0	8.6

Of the total farm acreage of the state in 1910, 41.5 per cent was in farms of 175 to 499 acres, this being from the standpoint of aggregate acreage the most important size group. Between 1900 and 1910 the proportion of the total acreage which was in farms of the two size groups between 175 and 999 acres increased, while the proportion in farms of 20 to 174 acres and of 1,000 acres and over decreased, and that in farms of under 20 acres remained the same.

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

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.....	63.9	60.1	\$9,770	\$3,718	\$40.05	\$15.45
Under 20 acres.....	81.6	83.1	2,429	1,301	280.75	131.92
20 to 49 acres.....	86.9	87.0	3,086	1,426	80.45	40.03
50 to 99 acres.....	86.0	85.4	4,499	2,090	58.88	26.48
100 to 174 acres.....	80.9	78.5	7,870	3,015	50.00	20.39
175 to 499 acres.....	76.7	71.0	12,768	4,936	43.43	16.95
500 to 999 acres.....	63.6	53.0	20,997	7,767	30.88	11.45
1,000 acres and over.....	35.3	21.7	41,326	15,601	19.04	6.02

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 which follows shows the color and nativity of farm operators by character of tenure for 1910.

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	177,841	100.0	111,108	65,398	1,335	62.5	36.8	0.8
Native white.....	150,346	84.5	89,148	59,931	1,217	59.3	39.9	0.8
Foreign-born white.....	25,804	14.5	20,862	4,845	97	80.8	18.8	0.4
Negro and other nonwhite.....	1,691	1.0	1,098	572	21	64.9	33.8	1.2

Of all Kansas farmers, 84.5 per cent were native whites, and 14.5 per cent foreign-born whites; only 1 per cent were nonwhites. Of the nonwhites, 1,532 were negroes, 157 Indians, and 2 Japanese. Of the native white farmers, 39.9 per cent were tenants, as compared with 33.8 per cent among the nonwhites. Only 18.8 per cent of the foreign-born whites were tenants.

Of the 25,804 foreign-born white farmers in Kansas

in 1910, 8,705 were born in Germany; 3,544 in Russia; 3,251 in Sweden; 1,869 in Austria; 1,821 in England; 1,331 in Ireland; 1,252 in Canada; 844 in Switzerland; 820 in Denmark; 537 in Scotland; 327 in Norway; 307 in France; 296 in Wales; and 244 in Holland. Other European countries were represented by 596 farmers, and non-European countries, other than Canada, by 60.

DOMESTIC ANIMALS, POULTRY, AND BEES.

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

Of all the farms in the state 90 per cent report cattle, 88.3 per cent reporting "dairy cows," and only 34.5 per cent, "other cows." About 2 per cent of the farms reporting cattle have no dairy cows. The total number of cows decreased considerably during the decade although dairy cows increased nearly 60,000 in number. The farms reporting dairy cows show an average of about 5 per farm.

The census of 1900 was taken as of June 1, after all the spring calves were born, while that of 1910 was taken as of April 15, before the close of the calving season and when the calves on hand were on the average younger than at the enumeration of 1900. As a result, the calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 923,462 to 382,248, and the average value decreasing from \$11.51 to \$6.91.

Horses are reported by 94.7 per cent of all the farms in the state, while 35 per cent report colts born in 1909 and 18.8 per cent report spring colts. The average value of mature horses in 1910 is reported as \$106.09. More than one-third of the farmers report mules. The average values of mules of the different age groups are considerably higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 3,153 farms, or only 1.8 per cent of all the farms in the state. Of these 3,153 farms, 74.3 per cent report spring lambs, the number of the latter being equal to 41.1 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 249 of the farms reporting sheep, and for the farms reporting the average is about 57 ewes per farm. The farms reporting rams and wethers show an average of about 23 each.

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

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	173,491	97.6	.....	\$245,926,421	.....
Cattle.....	160,138	97.0	3,079,403	80,557,443	\$26.16
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	157,119	88.3	736,107	24,297,388	33.01
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	61,384	34.5	558,153	14,708,399	26.35
Heifers born in 1909.....	86,983	48.9	336,417	5,090,525	15.13
Calves born after Jan. 1, 1910.....	101,117	56.9	382,248	2,640,408	6.91
Steers and bulls born in 1909.....	61,090	34.4	333,928	6,229,256	18.65
Steers and bulls born before Jan. 1, 1909.....	40,289	22.7	714,745	26,881,159	37.61
Unclassified cattle.....	47	(¹)	17,805	710,308	39.89
Horses.....	168,481	94.7	1,147,056	112,758,108	93.30
Mares, stallions, and geldings born before Jan. 1, 1909.....	167,801	94.4	992,801	105,328,287	106.09
Colts born in 1909.....	62,182	35.0	106,937	5,980,341	55.92
Colts born after Jan. 1, 1910.....	33,480	18.8	47,318	1,449,480	30.63
Mules.....	61,395	34.5	308,409	25,629,418	122.98
Mules born before Jan. 1, 1909.....	49,970	28.1	162,172	22,649,984	139.67
Mule colts born in 1909.....	17,383	9.8	33,906	2,522,685	74.40
Mule colts born after Jan. 1, 1910.....	9,577	5.4	12,331	456,749	37.04
Asses and burros.....	2,466	1.4	4,960	1,039,035	209.48
Swine.....	181,331	73.8	3,000,157	24,706,885	8.24
Hogs and pigs born before Jan. 1, 1910.....	126,964	71.4	1,880,451	22,251,277	11.83
Pigs born after Jan. 1, 1910.....	64,584	36.3	1,119,706	2,455,608	2.19
Sheep.....	3,153	1.8	272,475	1,209,931	4.44
Ewes born before Jan. 1, 1910.....	2,904	1.6	166,582	841,651	5.05
Rams and wethers born before Jan. 1, 1910.....	1,644	0.9	37,441	207,144	5.53
Lambs born after Jan. 1, 1910.....	2,342	1.3	68,452	161,136	2.35
Goats.....	917	0.5	8,847	25,601	2.89

¹ Less than one-tenth of 1 per cent.

Of all farms, 73.8 per cent report swine, the average number being nearly 23 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$11.83, while that of spring pigs is less than one-fifth as much.

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	162,165	91.2	15,736,032	\$7,377,469	12,556,185
Chickens.....	162,090	91.1	15,266,241	7,030,356	11,966,843
Turkeys.....	22,796	12.8	104,421	182,793	275,330
Ducks.....	18,417	10.4	114,932	51,170	216,244
Geese.....	17,465	9.8	95,220	82,570	97,768
Guinea fowls.....	10,077	5.7	55,236	17,221	(1)
Pigeons.....	4,975	2.8	99,715	12,591	(2)
All other ³	78	(4)	273	768	(3)

¹ Included with chickens.
² Not reported.
³ 73 farms report 262 peafowls, valued at \$686; 4 farms report 9 pheasants, valued at \$77; and 1 farm reports 2 wild geese, valued at \$5.
⁴ Less than one-tenth of 1 per cent.

The increase in the number of fowls on Kansas farms during the last decade amounts to 25.3 per cent, while the value shows an increase from \$4,357,000 to \$7,377,000, or 69.3 per cent. The number of farms reporting poultry increased from 155,834 to 162,165, and the average number of fowls per farm reporting increased from 81 to 97. 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 18,295 in 1900 to 16,869 in 1910, or 7.8 per cent. The number of colonies of bees decreased from 88,594 to 73,737, or 16.8 per cent, and their value decreased from \$277,967 to \$218,612, or 21.4 per cent. The average value of bees per farm reporting was \$15.19 in 1900 and \$12.96 in 1910. Nine farms in every hundred report bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities,

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 first table on the following page shows the principal statistics rela-

towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the next table age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total	64,787	.....	\$14,319,390	.....
All cattle.....	31,275	56,211	2,043,756	\$36.36
Dairy cows.....	30,546	38,169	1,577,118	41.32
Horses.....	49,583	105,531	10,648,437	100.90
Mules.....	2,229	6,946	994,059	143.11
Asses and burros.....	474	775	215,513	278.08
Swine.....	8,841	36,907	366,622	9.93
Sheep.....	57	10,331	47,998	4.65
Goats.....	224	361	3,005	8.32

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, a large part of which consists of dairy cows, rank next in importance.

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

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....	.....	\$260,245,811	.....	\$245,926,421	.....	\$14,319,390
All cattle.....	3,135,614	82,601,199	3,079,403	80,557,443	56,211	2,043,756
Dairy cows.....	774,276	25,874,506	736,107	24,297,388	38,169	1,577,118
Horses.....	1,252,587	123,406,545	1,147,056	112,758,108	105,531	10,648,437
Mules.....	215,355	26,623,477	208,409	25,629,418	6,946	994,059
Asses and burros.....	5,735	1,254,548	4,960	1,039,035	775	215,513
Swine.....	3,037,064	25,073,507	3,000,157	24,706,835	36,907	366,622
Sheep.....	282,806	1,257,929	272,475	1,209,931	10,331	47,998
Goats.....	9,208	28,606	8,847	25,601	361	3,005

The total value of all domestic animals in the state in 1910 was \$260,246,000, of which the value of animals not on farms constituted 5.5 per cent.

tive to dairy products in 1909, with certain comparative statistics for 1899.

The number of farms reporting dairy cows on April 15, 1910, was 157,119, but only 134,117 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 120,009 (considerably less than the total number reporting dairy products), and the

number of dairy cows on such farms on April 15, 1910, was 583,000. The amount of milk reported was 172,743,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 296 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.

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	157,119	88.3	736,107	Head		
On farms reporting dairy products in 1909.....	134,117	75.4	665,038	Head		
On farms reporting milk produced in 1909.....	120,009	67.5	582,009	Head		
Specified dairy products, 1909:						
Milk reported.....			172,742,767	Gals.		
Butter made.....	119,846	67.4	29,647,681	Lbs.	\$6,432,083	\$0.22
Cheese made.....	174	0.1	27,927	Lbs.	3,970	0.14
Milk sold.....	4,478	2.5	9,851,126	Gals.	1,634,000	0.17
Cream sold.....	12,234	6.9	2,301,068	Gals.	1,613,148	0.83
Butter fat sold.....	27,943	15.7	14,583,909	Lbs.	3,408,532	0.23
Butter sold.....	60,318	33.9	12,993,830	Lbs.	2,891,074	0.22
Cheese sold.....	48	(1)	16,674	Lbs.	2,375	0.14
Total receipts from sales, 1909.....					9,549,129	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					13,091,739	
Specified dairy products, 1899:						
Butter made.....	126,023	72.8	41,640,772	Lbs.		
Cheese made.....	668	0.4	291,445	Lbs.		
Butter sold.....			20,463,153	Lbs.	2,716,948	0.13
Cheese sold.....			227,431	Lbs.	23,009	0.10

¹ Less than one-tenth of 1 per cent.

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 \$13,092,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Only a small proportion of the milk reported as produced on Kansas farms in 1909 was sold as such. Comparatively large quantities of milk and cream, however, were sold on the butter fat basis. The butter made on farms in 1909 was valued at \$6,432,000.

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 in the amount of butter made, and a still greater relative decrease in the production of cheese.

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

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	2,847	204,023			
Wool produced, as reported, 1909.....	1,517		96,900	671,983	\$147,633
On farms reporting sheep April 15, 1910.....	1,373	105,450	85,556	604,878	132,627
On other farms.....	144		11,344	67,105	15,006
Total production of wool (partly estimated):					
1909.....			165,532	1,170,308	256,605
1899.....			231,507	1,599,374	247,895
Increase, 1899 to 1909 ¹			-65,965	-429,066	8,710
Per cent of increase ¹			-28.5	-26.8	3.5

¹ A minus sign (—) denotes decrease.

The total number of sheep of shearing age in Kansas on April 15, 1910, was 204,000, representing an increase of 13.4 per cent as compared with the number on June 1, 1900 (180,000). The approximate production of wool during 1909 was 166,000 fleeces, weighing 1,170,000 pounds, and valued at \$257,000. Of these totals about two-fifths represent estimates. The number of fleeces produced in 1909 was 28.5 per cent less than in 1899. The average weight per fleece in 1909 was 7.1 pounds, as compared with 6.9 pounds in 1899, and the average value per pound was 22 cents, as compared with 15 cents in 1899.

Goat hair and mohair: 1909 and 1899.—Although 917 farmers reported 8,847 goats and kids on their farms April 15, 1910, only 95 reported the production of goat hair or mohair during 1909. These farmers reported 2,311 fleeces, weighing 8,805 pounds and valued at \$2,095. Although the production is still unimportant, some increase is shown over that in 1899. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

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

The number of fowls on Kansas farms on April 15, 1910, was 15,736,000. Of the 162,165 farms reporting fowls, 20,529 did not report any eggs produced in 1909, and 21,280 did not report any poultry raised in

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 1,474 farmers who reported the possession of 98,573 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.

1909. The production of eggs actually reported for the year 1909 was 75,607,000 dozens, valued at \$12,837,000. According to the Twelfth Census reports, the production of eggs in 1899 was 73,191,000 dozens, the value being \$7,237,000. 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 81,659,000 dozens, valued at \$13,864,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 24,583,000 fowls, valued at \$9,382,000.

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	162, 165	15, 736, 038		
On farms reporting eggs produced in 1909.....	141, 636	14, 604, 471		
On other farms.....	20, 529	1, 131, 567		
			<i>Dozens.</i>	
Eggs produced, as reported, 1909.....	142, 534		75, 606, 542	\$12, 836, 704
Total production of eggs (partly estimated):				
1909.....			81, 659, 304	13, 864, 360
1899.....			73, 190, 590	7, 237, 111
Increase, 1899 to 1909.....			8, 468, 714	6, 627, 249
Per cent of increase.....			11. 6	91. 6
Eggs sold, as reported, 1909.....	131, 131		52, 833, 166	8, 946, 839
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	140, 885	14, 573, 744		
On other farms.....	21, 280	1, 162, 294		
			<i>No. of fowls.</i>	
Poultry raised, as reported, 1909.....	142, 108		22, 767, 683	8, 689, 226
Total poultry raised (partly estimated):				
1909.....			24, 583, 465	9, 382, 214
1899.....				6, 491, 183
Increase, 1899 to 1909.....				2, 891, 031
Per cent of increase.....				44. 5
Fowls sold, as reported, 1909.....	96, 795		6, 207, 442	2, 677, 043

Honey and wax: 1909.—Although, as noted elsewhere, 16,869 farms reported 73,737 colonies of bees on hand April 15, 1910, 10,613 of these farms, with 32,292 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 609,785 pounds of honey, valued at \$83,243, and 4,332 pounds of wax, valued at \$1,194. 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 Kansas 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.....				\$130, 736, 704	
Slaughtered.....				7, 186, 488	
Calves:					
Sold.....	47, 826	26. 9	281, 398	3, 263, 923	\$11. 60
Slaughtered.....	7, 416	4. 2	11, 536	139, 781	12. 12
Other cattle:					
Sold.....	75, 654	42. 5	1, 560, 620	64, 474, 558	41. 31
Slaughtered.....	18, 999	10. 7	30, 660	805, 587	26. 27
Horses:					
Sold.....	35, 743	20. 1	105, 512	12, 336, 953	116. 92
Mules:					
Sold.....	17, 362	9. 8	64, 924	8, 932, 689	137. 59
Asses and burros:					
Sold.....	302	0. 2	756	127, 312	168. 40
Swine:					
Sold.....	97, 836	55. 0	2, 857, 924	40, 149, 372	14. 05
Slaughtered.....	112, 110	63. 0	377, 566	6, 228, 747	16. 50
Sheep:					
Sold.....	1, 262	0. 7	274, 332	1, 441, 035	5. 25
Slaughtered.....	546	0. 3	2, 399	11, 553	4. 32
Goats:					
Sold.....	154	0. 1	3, 488	10, 922	3. 13
Slaughtered.....	78	(¹)	217	820	3. 78
1899—All domestic animals:					
Sold ²				64, 596, 534	
Slaughtered.....				5, 864, 274	

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 \$130,737,000, and that of animals slaughtered on farms \$7,186,000, an aggregate of \$137,923,000. This total, however, involves considerable duplication resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year. The value of the cattle (including calves) sold during 1909 represented about one-half of the total value of all the animals sold, and the value of swine sold represented less than one-third of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$64,597,000 and \$5,864,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

Summary: 1909 and 1899.—The next 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.....						\$214,859,597	\$113,522,693	\$101,336,904	89.3	100.0	100.0	
Crops with acreage reports	19,900,750	18,077,048	1,823,702	10.1	66.5	72.2	211,485,723	110,290,785	101,194,938	91.7	98.4	97.2
Cereals.....	15,638,669	13,326,940	2,311,729	17.3	52.3	53.2	169,109,449	83,622,109	85,487,340	102.2	78.7	73.7
Other grains and seeds.....	99,711	196,729	-97,018	-49.3	0.3	0.8	748,040	1,295,975	-547,935	-42.3	0.3	1.1
Hay and forage.....	3,957,745	4,337,342	-379,597	-8.8	13.2	17.3	32,033,954	18,499,287	13,534,667	73.2	14.9	16.3
Tobacco.....	89	80	-41	(²)	(³)	(³)	6,531	4,804	1,727	35.9	(³)	(³)
Cotton (including cotton seed).....	86	153	-117	-76.5	(³)	(³)	6,714	2,524	-1,810	-71.7	(³)	(³)
Broom corn.....	41,064	34,883	6,681	19.4	0.1	0.1	593,947	458,481	135,466	29.5	0.3	0.4
Sugar crops.....	21,257	20,689	568	2.7	0.1	0.1	508,024	279,029	228,995	82.1	0.2	0.2
Sundry minor crops.....	(⁴)	7,330	-7,330	(³)	(³)	(³)	3	45,140	-45,137	(³)	(³)	(³)
Potatoes and sweet potatoes and yams.....	83,908	89,888	-5,980	-6.7	0.3	0.4	3,844,920	2,709,849	1,135,071	41.9	1.8	2.4
Other vegetables.....	48,757	54,166	-5,409	-10.0	0.2	0.2	2,963,733	2,440,305	523,428	21.4	1.4	2.1
Flowers and plants and nursery products.....			640	18.2	(³)	(³)	1,222,203	526,815	695,390	132.0	0.6	0.5
Small fruits.....	4,164	3,524	640	18.2	(³)	(³)	454,200	406,464	47,736	11.7	0.2	0.4
Crops with no acreage reports							3,373,874	3,231,908	141,966	4.4	1.6	2.3
Seeds.....							817,224	337,028	480,196	142.5	0.4	0.3
Fruits and nuts.....							1,136,977	* 2,031,406	-894,429	-44.0	0.5	1.3
Maple sugar and sirup.....							1,217	60	1,157	(²)	(²)	(²)
Forest products of farms.....							1,366,950	837,997	528,953	63.1	0.6	0.7
Miscellaneous.....							51,506	25,417	26,089	102.6	(²)	(²)

¹ A minus sign (-) denotes decrease.

² Per cent not calculated when base is less than 100.

³ Less than one-tenth of 1 per cent.

⁴ Less than 1 acre.

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

The total value of crops in 1909 was \$214,860,000. Of this amount, 98.4 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 19,900,750, representing 66.5 per cent of the total improved land in farms (29,904,067 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 Kansas agriculture is indicated by the fact that about four-fifths (78.7 per cent) of the total value of crops in 1909 was contributed by the cereals, and 14.9 per cent by hay and forage.

The total value of crops in 1909 was 89.3 per cent greater than in 1899, this increase being due in part at least to higher prices. There was an increase of 10.1 per cent in the total acreage of crops for which acreage was reported, this being due to an increase in the acreage of cereals.

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, cotton, broom corn, and sundry minor crops.

The leading crops of the state, in the order of their importance as judged by total value, in 1909, are corn, \$80,751,000; wheat, \$74,052,000; hay and forage, \$32,034,000; oats, \$9,720,000; potatoes, \$3,471,000; and kafir corn and milo maize, \$3,047,000.

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.....		15,638,669	263,443,581	Bu...	\$169,109,449
Corn.....	150,387	8,109,001	154,651,703	Bu...	80,750,902
Oats.....	54,010	933,309	22,923,641	Bu...	9,720,106
Wheat, total.....	74,701	5,873,785	77,577,115	Bu...	74,052,221
Common winter.....	74,168	5,913,064	76,981,509	Bu...	73,595,525
Common spring.....	539	29,250	299,337	Bu...	284,997
Durum or macaroni.....	708	31,471	285,969	Bu...	229,759
Emmer and spelt.....	2,915	49,969	785,302	Bu...	342,548
Barley.....	5,980	166,115	2,221,816	Bu...	1,079,788
Buckwheat.....	69	756	3,114	Bu...	4,889
Rye.....	1,240	17,179	160,415	Bu...	111,927
Kafir corn and milo maize.....	32,160	388,495	5,115,415	Bu...	3,046,799
Other grains and seeds with acreage report, total¹.....		99,711	969,198	Bu...	748,040
Dry edible beans.....	58	70	636	Bu...	1,321
Dry peas.....	114	825	5,235	Bu...	10,759
Peanuts.....	284	48	2,047	Bu...	2,669
Flaxseed.....	2,540	45,014	302,491	Bu...	327,402
Broom corn seed.....	23	45	2,227	Bu...	1,549
Sorghum cane seed.....	2,099	53,706	656,522	Bu...	404,329
Seeds with no acreage report, total.....					817,224
Timothy seed.....	401	(²)	16,768	Bu...	28,064
Clover seed.....	1,095	(²)	15,623	Bu...	119,039
Alfalfa seed.....	1,903	(²)	49,754	Bu...	403,505
Millet seed.....	1,390	(²)	204,252	Bu...	161,688
Other tame grass seed.....	391	(²)	37,834	Bu...	84,099
Flower and garden seeds.....	116	(²)			20,827
Hay and forage, total.....	134,179	3,957,745	5,835,997	Tons.	32,033,954
Timothy alone.....	9,049	126,789	144,536	Tons.	1,039,499
Timothy and clover mixed.....	15,915	309,833	357,159	Tons.	2,368,942
Clover alone.....	5,366	65,993	79,144	Tons.	522,606
Alfalfa.....	61,211	956,962	1,998,689	Tons.	13,644,988
Millet or Hungarian grass.....	24,496	180,108	290,661	Tons.	1,292,843
Other tame or cultivated grasses.....	1,963	36,439	40,535	Tons.	201,423
Wild, salt, or prairie grasses.....	64,855	1,608,264	1,737,032	Tons.	8,427,066
Grains cut green.....	1,694	19,442	25,091	Tons.	122,588
Coarse forage.....	47,900	653,807	1,263,231	Tons.	4,412,334
Root forage.....	10	43	819	Tons.	1,645
Potatoes.....	107,237	79,025	5,647,049	Bu...	3,471,488
Sweet potatoes and yams.....	6,099	4,883	558,021	Bu...	373,423
Tobacco.....	132	39	48,376	Lbs.	6,531
Cotton.....	3	36	5	Bales.	600
Cotton seed (estimated).....			10	Tons.	114
Broom corn.....	1,728	41,064	8,768,853	Lbs.	593,947
Sundry minor crops, total ²	1	(³)			3

¹ Includes a small amount of sunflower seed.

² 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.

³ Consists entirely of hops.

⁴ Less than 1 acre.

In both acreage and value corn is the leading crop, exceeding in acreage and almost equaling in value all other cereals combined. Wheat, however, has a value nearly as great as corn and an acreage about three-fourths as great. These two crops combined represent about 90 per cent of the reported acreage of all cereals.

Hay and forage shows an acreage about one-fourth as great as that of all cereals combined, but in value the proportion is somewhat lower. Of the several hay and forage crops, "wild, salt, or prairie grasses" ranks first in acreage, representing in this respect more than two-fifths of the total for all hay and forage crops. Alfalfa comes next, with about one-fourth of the total acreage of hay and forage. In respect to value these conditions are reversed, alfalfa representing a little over two-fifths and "wild, salt, or prairie grasses" about one-fourth of the total value of hay and forage. In respect both to acreage and to value of yield "coarse forage," "timothy and clover mixed," "millet or Hungarian grass," and "timothy alone" follow in the order named.

Potatoes, sorghum seed, flaxseed, and broom corn are important crops in both acreage and value.

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

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Hay and forage.	Potatoes.
1909.....	8,109,061	933,309	5,973,785	166,115	3,957,745	79,025
1899.....	8,206,018	900,353	3,803,818	119,158	4,337,342	85,318
1889.....	7,314,765	1,463,526	1,582,635	7,201	3,723,452	112,734
1879.....	3,417,817	435,859	1,861,402	23,993	1,281,997	(1)

¹ Not reported.

The acreage of corn more than doubled between 1879 and 1889, made a moderate gain during the next decade, and decreased 1.9 per cent during the last decade. The acreage of oats increased 235.8 per cent from 1879 to 1889, fell off 38.5 per cent during the following decade, and gained 3.7 per cent between 1899 and 1909. The acreage of wheat has more than trebled in the 30 years covered by the table. A decrease occurred between 1879 and 1889, followed by an increase of 140.3 per cent during the next decade, and by a further increase of 57 per cent between 1899 and 1909. The acreage of barley is small as compared with that of corn, oats, and wheat, yet it is nearly seven times as great as 30 years ago, notwithstanding a decrease between 1879 and 1889. The acreage of hay and forage is more than three times as great as in 1879, although for the last decade a decrease of 8.8 per cent is recorded. The acreage of potatoes, given for the first time in 1889, has decreased 29.9 per cent since that date.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved

land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres: 1899 to 1909 ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
	Corn.....	84.6	87.8	27.1	33.0	-1.9	19.1 Bu.	$9.96
Oats.....	30.4	28.7	3.1	3.6	3.7	24.6 Bu.	10.41
Wheat.....	42.0	34.5	20.0	15.2	57.0	13.0 Bu.	12.40
Barley.....	3.4	3.7	0.6	0.5	39.4	13.4 Bu.	6.50
Kafir corn and milo maize.....	18.1	7.1	1.3	0.6	151.1	13.2 Bu.	7.84
Hay and forage.....	75.4	79.2	13.2	17.3	-8.8	1.50 Tons.	8.09
Potatoes.....	60.3	56.5	0.3	0.3	-7.4	71.5 Bu.	43.93
Broom corn.....	1.0	0.9	0.1	0.1	19.4	213.5 Lbs.	14.46

¹ A minus sign (-) denotes decrease.

Out of every 100 farms, 85 grow corn, 75 grow hay and forage, 60 grow potatoes, 42 grow wheat, 30 grow oats, and 18 grow kafir corn and milo maize.

The eight crops shown in the table cover about 66 per cent of the improved land in farms in the state, the three leading crops, corn, wheat, and hay and forage, alone representing over 60 per cent.

The average value per acre of the combined cereals is \$10.81; wheat is the only cereal which exceeds this figure. The average value of hay and forage is less than four-fifths that of the combined cereals, while the average value per acre of potatoes is over four times that of the cereals.

The average yield of corn per acre varies greatly from the eastern to the western part of the state. About two-thirds of the counties in the eastern half of the state show an average yield per acre of 20 or more bushels. In the western half Barton County alone shows an average as high as 20 bushels, while in several counties the average is below 5 bushels. The dividing line between the district with the 20-bushel average and that with the lower average is very close to the 99th meridian. In the eastern third of the state nearly all counties show a falling off in acreage of corn for the last decade, while those in the western two-thirds show a gain.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The next table 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.

In 1909 the total acreage of potatoes and other vegetables was 132,665 and their value \$6,808,653. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 48,757 and their value \$2,964,000, the acreage showing a decrease and the value an increase as compared with 1899.

The raising of flowers and plants and of nursery products is also of some importance in Kansas, 4,164

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.

acres being devoted to them in 1909, and the output being valued at \$1,222,208. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

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.....	198,662	55.5	48,757	54,166	\$2,963,733	\$2,440,305
Farms reporting a product of \$500 or over.....	350	0.2	4,488		382,263	
All other farms.....	98,312	55.3	44,269		2,581,470	
Flowers and plants, total.....	134	0.1	161	75	273,715	79,765
Farms reporting a product of \$250 or over.....	90	0.1			268,665	
All other farms.....	44	(?)			5,050	
Nursery products, total.....	120	0.1	4,003	3,449	948,493	447,053
Farms reporting a product of \$250 or over.....	08	(?)			941,067	
All other farms.....	52	(?)			7,426	

¹ Does not include 30,764 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.

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.....		5,400	5,824	5,477,274	\$454,200
Strawberries.....	3,967	1,719	2,304	2,119,048	178,094
Blackberries and dewberries.....	6,912	2,682	2,044	2,535,918	201,134
Raspberries and loganberries.....	1,678	713	957	616,035	56,446
Currants.....	629	98	134	87,005	6,023
Gooseberries.....	1,928	188	212	138,772	12,460
Cranberries.....			1		
Other berries.....	3	(¹)	172	496	43

¹ Reported in small fractions.

Blackberries and dewberries are the most important of the small fruits raised in Kansas, with strawberries ranking next. The total acreage of small fruits in 1909 was 5,400 and in 1899, 5,824, a decrease of 7.3 per cent. The production in 1909 was 5,477,000 quarts, as compared with 6,572,000 quarts in 1899, and the value \$454,000, as compared with \$406,000.

Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.—The next 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 1,448,000 bushels, valued at \$945,000. Apples contributed considerably more than nine-tenths of this quantity, cherries ranking next in importance. The production of grapes in 1909 amounted

to 6,318,000 pounds, valued at \$185,000, and that of nuts to 403,000 pounds, valued at about \$8,000. Most of the nuts were black walnuts.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCTS.		
	Farms re- port- ing.	Num-ber.	Farms re- port- ing.	Num-ber.	1909		1899
					Quan- tity. ¹	Value.	Quan- tity. ¹
Orchard fruits, total.....		13,122,464		2,273,397	1,447,849	\$944,631	3,513,686
Apples.....	104,920	0,929,673	36,271	1,116,316	1,356,438	807,865	3,214,407
Peaches and nec- tarines.....	93,378	4,394,804	25,397	620,709	24,567	23,418	137,489
Pears.....	46,966	292,383	16,622	132,673	19,412	21,543	21,078
Plums and prunes.....	42,405	624,048	12,715	126,116	12,250	14,001	57,520
Cherries.....	65,708	661,267	21,959	237,051	34,409	76,734	60,511
Apricots.....	29,219	187,381	5,186	28,134	374	512	4,236
Quinces.....	4,728	28,632	1,364	9,583	361	513	(²)
Mulberries.....	35	3,956	18	2,815	38	45	(²)
Unclassified.....							* 17,545
Grapes.....	44,311	2,889,845	8,164	343,002	6,317,684	184,673	15,786,019
Nuts, total.....		* 143,044		* 11,715	* 402,714	* 7,625	310,830
Pecans.....	466	27,710	76	2,797	20,583	1,462	47,530
Black walnuts.....	1,874	113,537	267	8,619	377,649	6,033	(²)
Chestnuts.....	14	147	6	19	275	19	(²)
Hickory nuts.....	29	793	2	6	3,950	107	(²)
Unclassified.....							* 263,300
Tropical fruits (Japanese per- simmons).....	19	481	1	10	120	48	

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 almonds, butternuts, filberts, hazelnuts, and other nuts.

The production of all orchard fruits together in 1909 was 58.8 per cent less than in 1899, and the production of grapes also declined materially. The total value of orchard fruits declined from \$1,729,000 in 1899 to \$945,000 in 1909, and that of grapes from \$297,000 in 1899 to \$185,000 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.

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

PRODUCT.	FARMS REPORTING: 1909		QUANTITY PRODUCED.		
	Num-ber.	Per cent of all farms.	Unit.	1909	1899
Cider.....	1,673	0.9	Gals....	128,616	491,337
Vinegar.....	1,116	0.6	Gals....	56,020	249,827
Wine and grape juice.....	801	0.5	Gals....	26,625	117,452
Dried fruits.....	143	0.1	Lbs....	5,500	205,820

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 sugar beets produced in 1909 was \$256,000, while there was no production of sugar beets reported

in 1899; the value of sorghum cane and sirup produced in 1909 was \$252,000, and in 1899, \$279,000.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	20	(1)	2,223			\$1,217
Sugar made.....	3	(1)		40,010	Lbs.	1,006
Sirup made.....	20	(1)		150	Gals.	211
Sirup made, 1899.....	2	(1)		45	Gals.	60
Sugar beets, 1909 ²	210	0.1	5,851	50,736	Tons.	256,202
Sorghum cane:						
Total, 1909 ⁴						251,762
Cane grown.....	2,954	1.7	15,406	60,821	Tons.	
Cane sold as such.....	72	(1)		7,546	Tons.	16,795
Sirup made.....	1,576	0.9		260,680	Gals.	112,374
Total, 1899.....						279,029
Cane grown.....	5,727	3.3	20,689	88,846	Tons.	73,019
Cane sold as such.....				31,207	Tons.	73,019
Sirup made.....				735,787	Gals.	206,010

¹ Less than one-tenth of 1 per cent. ² Includes beets used as root forage.
³ Number of trees. 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;”

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.	Per cent of all farms.				
Labor.....	92,189	51.8	\$20,567,237	\$10,792,910	\$9,774,327	90.6
Feed.....	76,921	43.3	17,815,252	(2)		
Fertilizer.....	1,415	0.8	75,632	268,360	-192,728	-71.8

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

Over half of the farmers hire labor, the average amount expended by the farmers hiring being \$223. During the decade the total expenditure for labor increased \$9,774,000, or 90.6 per cent. About one-fifth of the amount reported as expended for labor is in the form of rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

More than two farmers out of every five report some expenditure for feed, but only about one out of every

and also, in a separate item, for the “amount received from sale of standing timber in 1909.” There were 27,370 farms in Kansas (15.4 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$1,366,950, as compared with \$837,997 in 1899, an increase of 63.1 per cent. Of the value in 1909, \$1,057,363 was reported as that of products used or to be used on the farms themselves, \$278,363 as that of products sold or for sale, and \$31,224 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 857 farmers in Kansas sold, during 1909, 11,725 tons of straw, for which they received \$20,990, and that 843 farmers sold 16,633 tons of cornstalks and leaves, for which they received \$29,765.

hundred purchases fertilizer. The total amount reported as paid for fertilizer has decreased \$193,000, or 71.8 per cent, during the decade; the average per farm reporting was \$53.43 in 1909.

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.....					\$22,911,128
Corn.....	56,972	32.0	32,006,114	Bu.	17,456,230
Oats.....	13,299	7.5	3,224,460	Bu.	1,375,143
Barley.....	1,706	1.0	578,855	Bu.	277,836
Hay and coarse forage.....	25,796	14.5	624,428	Tons.	3,801,919

While the total amount expended by Kansas farmers for the purchase of feed in 1909 was \$17,815,000, the total receipts from the sale of feed by those reporting sales amounted to \$22,911,000.

COUNTY TABLES.

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

therein presented brought to light certain errors in the total farm acreage of four counties. These counties, with their corrected acreages, are: Leavenworth County, 280,776 (not 334,404); McPherson County, 571,695 (not 602,620); Pottawatomie County, 527,133 (not 556,541); and Russell County, 542,753 (not 570,847).

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Allen.	Anderson.	Atchison.	Barber.	Barton.
1 Population.....	1,690,949	27,640	13,829	28,107	9,916	17,876
2 <i>Population in 1900.....</i>	<i>1,470,485</i>	<i>19,507</i>	<i>13,938</i>	<i>23,006</i>	<i>6,594</i>	<i>13,784</i>
3 Number of all farms.....	177,841	2,071	2,000	1,844	1,202	1,732
4 <i>Number of all farms in 1900.....</i>	<i>173,038</i>	<i>1,961</i>	<i>2,112</i>	<i>1,690</i>	<i>954</i>	<i>1,745</i>
5 Color and nativity of farmers:						
6 Native white.....	150,346	1,884	1,840	1,494	1,100	1,102
7 Foreign-born white.....	25,604	107	144	294	98	605
8 Negro and other nonwhite.....	1,691	20	7	56	4	25
9 Number of farms, classified by size:						
10 Under 3 acres.....	220	6	2	4	1	1
11 3 to 9 acres.....	4,221	91	40	62	7	21
12 10 to 19 acres.....	3,601	62	36	80	9	23
13 20 to 49 acres.....	10,738	203	160	188	34	31
14 50 to 99 acres.....	26,151	486	490	428	71	61
15 100 to 174 acres.....	57,789	700	667	663	302	334
16 175 to 259 acres.....	26,500	277	295	251	158	299
17 260 to 499 acres.....	34,096	222	236	154	330	733
18 500 to 999 acres.....	10,475	22	65	14	158	182
19 1,000 acres and over.....	3,360	2	9	.....	133	17
LAND AND FARM AREA						
20 Approximate land area..... acres.....	52,335,360	325,120	369,280	263,680	725,760	570,880
21 Land in farms..... acres.....	43,384,799	296,323	336,479	249,339	648,402	527,706
22 <i>Land in farms in 1900.....</i>	<i>41,662,570</i>	<i>307,253</i>	<i>353,373</i>	<i>257,438</i>	<i>677,741</i>	<i>548,900</i>
23 Improved land in farms..... acres.....	29,804,067	277,114	251,496	215,175	221,568	466,085
24 <i>Improved land in farms in 1900.....</i>	<i>25,040,650</i>	<i>239,452</i>	<i>265,732</i>	<i>217,698</i>	<i>179,211</i>	<i>338,249</i>
25 Woodland in farms..... acres.....	1,205,910	6,956	15,478	27,199	12,599	7,222
26 Other unimproved land in farms..... acres.....	12,274,822	12,253	69,505	6,965	414,295	53,499
27 Per cent of land area in farms.....	82.9	91.1	91.1	94.6	89.3	92.4
28 Per cent of farm land improved.....	68.9	93.5	74.7	86.3	34.2	88.5
29 Average acres per farm.....	244.0	143.1	168.2	135.2	539.4	304.7
30 Average improved acres per farm.....	168.2	133.8	125.7	116.7	184.3	269.6
VALUE OF FARM PROPERTY						
31 All farm property..... dollars.....	2,039,339,910	16,960,972	16,588,321	22,693,004	18,017,410	33,447,228
32 <i>All farm property in 1900.....</i>	<i>384,100,238</i>	<i>8,104,368</i>	<i>9,361,444</i>	<i>12,037,732</i>	<i>6,296,702</i>	<i>10,008,658</i>
33 Per cent increase, 1900-1910.....	136.0	109.3	77.2	88.5	186.1	234.2
34 Land..... dollars.....	1,537,976,573	12,486,372	11,911,126	17,270,130	13,340,731	27,253,949
35 <i>Land in 1900.....</i>	<i>532,187,610</i>	<i>5,374,240</i>	<i>5,648,930</i>	<i>8,497,230</i>	<i>2,693,830</i>	<i>6,799,610</i>
36 Buildings..... dollars.....	199,579,599	2,067,463	2,056,798	2,692,755	1,287,840	2,631,650
37 <i>Buildings in 1900.....</i>	<i>111,465,160</i>	<i>1,082,290</i>	<i>1,397,650</i>	<i>1,666,070</i>	<i>532,800</i>	<i>1,233,030</i>
38 Implements and machinery..... dollars.....	48,310,161	355,372	350,504	499,129	427,674	808,399
39 <i>Implements, etc., in 1900.....</i>	<i>29,490,580</i>	<i>235,370</i>	<i>268,990</i>	<i>315,900</i>	<i>179,110</i>	<i>426,290</i>
40 Domestic animals, poultry, and bees..... dollars.....	253,523,577	2,051,765	2,209,893	2,230,990	2,961,265	2,753,230
41 <i>Domestic animals, etc., in 1900.....</i>	<i>190,956,836</i>	<i>1,462,468</i>	<i>2,075,794</i>	<i>1,558,532</i>	<i>2,884,408</i>	<i>1,499,856</i>
42 Per cent of value of all property in—						
43 Land.....	75.4	73.6	71.8	76.1	74.0	81.5
44 Buildings.....	9.8	12.2	12.4	11.9	7.1	7.9
45 Implements and machinery.....	2.4	2.1	2.1	2.2	2.4	2.4
46 Domestic animals, poultry, and bees.....	12.4	12.1	13.7	9.8	16.4	8.2
47 Average values:						
48 All property per farm..... dollars.....	11,467	8,190	8,294	12,306	14,990	19,311
49 Land and buildings per farm.....	9,770	7,027	6,984	10,826	12,170	17,255
50 Land per acre..... dollars.....	35.45	42.14	35.40	69.26	20.57	51.65
51 <i>Land per acre in 1900.....</i>	<i>12.77</i>	<i>17.49</i>	<i>15.76</i>	<i>33.00</i>	<i>3.87</i>	<i>12.39</i>
DOMESTIC ANIMALS (farms and ranges)						
52 Farms reporting domestic animals.....	173,491	2,000	1,923	1,807	1,194	1,693
53 Value of domestic animals..... dollars.....	245,925,421	1,959,032	2,187,762	2,149,863	2,920,930	2,681,185
54 Cattle:						
55 Total number.....	3,079,403	21,551	31,198	19,944	48,488	23,310
56 Dairy cows.....	736,107	7,922	9,587	7,397	4,125	7,051
57 Other cows.....	553,153	2,902	3,795	4,348	16,200	4,545
58 Yearling heifers.....	336,417	2,728	3,572	2,514	4,931	3,353
59 Calves.....	382,248	2,993	3,794	2,929	4,895	3,705
60 Yearling steers and bulls.....	333,928	2,578	3,556	1,690	5,616	2,537
61 Other steers and bulls.....	714,745	2,428	6,784	1,066	13,035	2,074
62 Value..... dollars.....	480,557,443	513,195	752,499	531,864	1,287,337	536,413
63 Horses:						
64 Total number.....	1,147,056	10,001	10,191	9,515	10,869	15,288
65 Mature horses.....	992,801	8,750	8,776	8,339	9,135	13,117
66 Yearling colts.....	109,337	907	1,036	788	1,147	1,323
67 Spring colts.....	47,318	344	379	388	587	849
68 Value..... dollars.....	112,758,108	981,308	964,958	1,010,808	968,718	1,603,316
69 Mules:						
70 Total number.....	208,409	1,907	1,802	2,285	3,007	2,986
71 Mature mules.....	162,172	1,479	1,314	1,953	2,432	2,345
72 Yearling colts.....	33,908	325	396	237	450	300
73 Spring colts.....	12,331	103	92	95	125	141
74 Value..... dollars.....	25,029,418	227,872	194,248	327,543	369,122	406,684
75 Asses and burros:						
76 Number.....	4,960	80	79	53	59	223
77 Value..... dollars.....	1,039,035	9,935	19,446	12,635	9,715	31,981
78 Swine:						
79 Total number.....	3,090,157	27,795	32,049	32,306	33,423	11,304
80 Mature hogs.....	1,850,451	17,003	19,658	18,449	20,401	7,199
81 Spring pigs.....	1,119,706	10,792	12,991	13,857	13,022	4,105
82 Value..... dollars.....	24,706,835	214,632	244,667	254,395	273,259	101,071
83 Sheep:						
84 Total number.....	272,475	2,890	2,827	3,063	3,193	573
85 Rams, ewes, and wethers.....	204,023	1,967	2,027	1,827	1,903	339
86 Spring lambs.....	68,452	923	800	1,236	1,290	234
87 Value..... dollars.....	1,209,931	11,847	11,853	12,242	12,723	1,698
88 Goats:						
89 Number.....	8,847	34	21	155	14	0
90 Value..... dollars.....	25,601	193	61	374	56	22
POULTRY AND BEES						
91 Number of poultry of all kinds.....	15,736,038	184,161	171,567	150,127	85,039	191,149
92 Value..... dollars.....	7,377,469	90,121	79,310	77,926	39,517	71,075
93 Number of colonies of bees.....	73,737	1,054	907	1,019	160	211
94 Value..... dollars.....	218,612	2,612	2,821	3,201	818	970

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

2 Includes deer, valued at \$1,075.

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

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

	THE STATE.	Allen.	Anderson.	Atchison.	Barber.	Barton.	
FARMS OPERATED BY OWNERS							
1	Number of farms.....	111,108	1,116	1,252	1,152	748	1,061
2	Number of farms in 1900.....	<i>110,443</i>	<i>1,143</i>	<i>1,303</i>	<i>1,201</i>	<i>604</i>	<i>1,296</i>
3	Per cent of all farms.....	62.5	53.9	62.6	62.5	62.2	61.3
4	Per cent of all farms in 1900.....	<i>63.8</i>	<i>53.5</i>	<i>61.7</i>	<i>62.2</i>	<i>63.5</i>	<i>74.3</i>
5	Land in farms..... acres.....	28,840,182	164,858	214,802	156,217	408,726	342,787
6	Improved land in farms..... acres.....	19,348,793	154,442	158,383	133,816	137,295	303,404
7	Value of land and buildings..... dollars.....	1,109,337,955	8,601,720	9,122,388	12,621,370	9,463,571	19,374,974
Degree of ownership:							
8	Farms consisting of owned land only.....	78,008	813	941	996	527	695
9	Farms consisting of owned and hired land.....	33,100	303	311	156	221	366
Color and nativity of owners:							
10	Native white.....	89,148	981	1,133	877	667	562
11	Foreign-born white.....	20,862	125	113	237	78	494
12	Negro and other nonwhite.....	1,098	10	6	38	3	15
FARMS OPERATED BY TENANTS							
13	Number of farms.....	65,398	944	730	677	440	658
14	Number of farms in 1900.....	<i>60,926</i>	<i>807</i>	<i>791</i>	<i>706</i>	<i>323</i>	<i>441</i>
15	Per cent of all farms.....	36.8	45.6	36.5	36.7	36.6	38.0
16	Per cent of all farms in 1900.....	<i>35.2</i>	<i>41.2</i>	<i>37.5</i>	<i>35.6</i>	<i>33.9</i>	<i>23.3</i>
17	Land in farms..... acres.....	13,230,926	128,568	116,032	88,823	183,550	178,634
18	Improved land in farms..... acres.....	10,120,412	119,888	88,267	77,690	79,492	153,174
19	Value of land and buildings..... dollars.....	595,745,154	5,801,015	4,602,566	6,957,215	4,452,350	10,164,825
Form of tenancy:							
20	Share tenants.....	36,933	383	311	213	365	596
21	Share-cash tenants.....	9,612	149	171	57	18	21
22	Cash tenants.....	13,784	342	235	305	50	20
23	Tenure not specified.....	5,069	70	13	102	7	21
Color and nativity of tenants:							
24	Native white.....	59,981	892	699	606	421	529
25	Foreign-born white.....	4,845	42	30	53	13	119
26	Negro and other nonwhite.....	572	10	1	18	1	10
FARMS OPERATED BY MANAGERS							
27	Number of farms.....	1,335	11	18	15	14	13
28	Number of farms in 1900.....	<i>1,729</i>	<i>6</i>	<i>18</i>	<i>23</i>	<i>27</i>	<i>8</i>
29	Land in farms..... acres.....	1,263,691	2,897	5,645	4,299	56,126	6,285
30	Improved land in farms..... acres.....	434,862	2,784	4,846	3,669	4,730	5,407
31	Value of land and buildings..... dollars.....	32,473,063	151,100	242,670	384,300	712,650	345,800
MORTGAGE DEBT REPORTS ¹							
For all farms operated by owners:							
32	Number free from mortgage debt.....	60,582	621	557	581	397	801
33	Number with mortgage debt.....	49,249	466	679	560	344	241
34	Number with no mortgage report.....	1,277	29	16	11	7	19
For farms consisting of owned land only:							
35	Number reporting debt and amount.....	30,442	308	482	451	214	129
36	Value of their land and buildings..... dollars.....	287,082,217	2,053,100	3,281,692	5,033,640	2,473,350	2,421,990
37	Amount of mortgage debt..... dollars.....	70,819,736	534,085	957,606	1,493,210	476,754	450,429
38	Per cent of value of land and buildings.....	24.7	26.0	29.2	29.7	19.3	18.8

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....	number.....	665,698	6,796	8,473	6,050	3,561	6,627
2	Dairy cows on farms reporting milk produced.....	number.....	582,609	6,072	7,884	4,555	3,325	6,385
3	Milk—Produced.....	gallons.....	172,742,767	1,675,650	2,034,106	1,438,724	995,820	1,807,794
4	Sold.....	gallons.....	9,851,126	67,516	15,934	68,441	39,355	94,074
5	Cream sold.....	gallons.....	2,361,068	11,482	30,562	65,910	7,900	16,295
6	Butter fat sold.....	pounds.....	14,583,909	55,082	207,812	75,334	12,871	108,138
7	Butter—Produced.....	pounds.....	29,647,881	408,664	246,879	242,417	186,847	347,868
8	Sold.....	pounds.....	12,993,836	223,869	86,324	108,413	75,871	168,017
9	Cheese—Produced.....	pounds.....	27,927	205	205	205	205	205
10	Sold.....	pounds.....	18,674	170	170	170	170	170
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	13,091,739	132,349	125,321	134,186	54,055	130,876
12	Receipts from sale of dairy products.....	dollars.....	9,549,129	91,393	92,872	99,993	31,740	92,042
Poultry Products								
13	Poultry—Raised.....	number.....	22,767,683	238,934	212,269	239,988	149,044	268,616
14	Sold.....	number.....	6,297,442	65,765	67,553	82,539	35,587	55,565
15	Eggs—Produced.....	dozens.....	75,606,542	842,523	889,108	622,543	405,758	983,516
16	Sold.....	dozens.....	52,833,166	505,823	631,214	403,426	235,556	678,172
17	Value of poultry and eggs produced.....	dollars.....	21,526,930	248,401	227,656	220,057	121,101	248,867
18	Receipts from sale of poultry and eggs.....	dollars.....	11,623,882	134,343	131,939	113,493	55,393	134,955
Honey and Wax								
19	Honey produced.....	pounds.....	609,785	7,303	9,991	8,519	3,536	2,796
20	Wax produced.....	pounds.....	4,332	11	23	25	3	5
21	Value of honey and wax produced.....	dollars.....	84,437	1,244	1,418	1,061	613	467
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....	number.....	96,900	1,161	1,353	1,103	398	5
23	Mohair and goat hair, fleeces shorn.....	number.....	2,311	8	8	8	8	8
24	Value of wool and mohair produced.....	dollars.....	149,728	1,652	1,721	1,603	478	9
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....	number.....	292,934	2,320	2,130	3,840	7,022	4,324
26	Other cattle—Sold or slaughtered.....	number.....	1,591,280	9,175	13,989	7,253	33,343	11,847
27	Horses, mules, and asses and burros—Sold.....	number.....	171,192	1,884	2,809	1,566	1,735	1,002
28	Swine—Sold or slaughtered.....	number.....	3,235,490	32,278	38,156	36,428	39,704	14,545
29	Sheep and goats—Sold or slaughtered.....	number.....	280,436	1,088	1,455	1,123	529	2,512
30	Receipts from sale of animals.....	dollars.....	130,736,764	835,299	1,359,878	962,498	1,067,274	666,491
31	Value of animals slaughtered.....	dollars.....	7,186,488	87,392	73,829	88,704	47,458	91,647

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

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

Table with 10 columns (Crawford, Decatur, Dickinson, Doniphan, Douglas, Edwards, Elk, Ellis, Ellsworth) and rows categorized by farm operations (owned, tenanted, managed), mortgage debt reports, and agricultural data for Indians on reservations.

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

Table with 10 columns and rows categorized by live stock products (Dairy, Poultry, Honey and Wax, Wool, Mohair, and Goat Hair) and domestic animals sold or slaughtered.

STATISTICS OF AGRICULTURE.

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

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

Table with 13 columns for counties: Labette, Lane, Leavenworth, Lincoln, Linn, Logan, Lyon, McPherson, Marion, Marshall, Meade, Miami, Mitchell. Rows 1-38 containing numerical data for nativity and mortgage debt.

* 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.

Table with 13 columns for counties: Labette, Lane, Leavenworth, Lincoln, Linn, Logan, Lyon, McPherson, Marion, Marshall, Meade, Miami, Mitchell. Rows 1-38 containing numerical data for farms sold or slaughtered.

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

Table with 8 main columns: Description, The State, Allen, Anderson, Atchison, Barber, Barton, Bourbon. Rows include: VALUE OF ALL CROPS, Cereals (Total, Corn, Oats, Wheat, etc.), Hay and forage (Timothy alone, Alfalfa, etc.), Special crops (Potatoes, Sugar beets, etc.), FRUITS AND NUTS (Orchard fruits, Small fruits, Nuts).

TABLE 5.—SELECTED FARM EXPENSES

Table with 8 main columns: Expense Category, Amount, and 6 other columns. Rows include: Labor (Farms reporting, Cash expended), Fertilizer, Feed (Farms reporting), Receipts from sale of feedable crops.

STATISTICS OF AGRICULTURE.

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

Main data table with columns for 13 counties: Labette, Lane, Leavenworth, Lincoln, Linn, Logan, Lyon, McPherson, Marion, Marshall, Meade, Miami, Mitchell. Rows represent various agricultural categories numbered 1-81.

RECEIPTS, BY COUNTIES: 1909—Continued.

Table showing receipts by county for 1909, with columns corresponding to the counties in the main table above. Rows are numbered 1-8.

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

Table with 13 columns for counties (Ottawa, Pawnee, Phillips, Pottawatomie, Pratt, Rawlins, Reno, Republic, Rice, Riley, Rooks, Rush, Russell) and 81 rows of data representing different crops and their acreage and production values.

RECEIPTS, BY COUNTIES: 1909—Continued.

Table with 13 columns for counties (Ottawa, Pawnee, Phillips, Pottawatomie, Pratt, Rawlins, Reno, Republic, Rice, Riley, Rooks, Rush, Russell) and 8 rows of data representing different crops and their receipt values.

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

		THE STATE.	Allen.	Anderson.	Atchison.	Barber.	Barton.	Bourbon.	Brown.	Butler.	Chase.
1	Incllosures reporting domestic animals...	64,797	1,334	573	1,263	265	568	934	910	980	250
2	Value of domestic animals.....dollars..	14,319,390	211,481	119,213	195,653	80,904	170,017	178,159	169,525	250,913	74,814
Cattle:											
3	Total number.....	56,211	1,059	569	740	221	675	645	992	981	435
4	Value.....dollars..	2,043,756	39,496	18,822	29,355	9,084	36,325	21,975	34,254	34,832	16,064
5	Number of dairy cows.....	38,169	847	440	650	200	375	532	614	635	195
Horses:											
6	Total number.....	105,531	1,645	836	1,438	566	1,026	1,474	1,316	1,763	484
7	Value.....dollars..	10,648,437	159,732	82,131	147,840	55,657	114,535	140,537	122,145	183,925	52,870
8	Number of mature horses.....	101,999	1,607	801	1,417	548	994	1,444	1,257	1,663	474
Mules and asses and burros:											
9	Total number.....	7,721	49	87	73	93	106	88	51	187	18
10	Value.....dollars..	1,209,572	6,165	12,665	13,380	14,290	17,330	12,240	7,489	25,241	2,580
11	Number of mature mules.....	6,417	39	74	67	81	99	68	46	134	15
Swine:											
12	Total number.....	36,907	663	559	508	186	162	433	579	844	283
13	Value.....dollars..	366,622	5,954	5,500	5,019	1,848	1,827	3,347	5,614	7,801	2,698
Sheep and goats:											
14	Total number.....	10,692	27	1	10	7	7	13	2	4	1
15	Value.....dollars..	51,003	134	5	59	25	25	60	23	14	2

		Chautau- qua.	Cherokee.	Cheyenne.	Clark.	Clay.	Cloud.	Coffey.	Comanche.	Cowley.	Crawford.
1	Incllosures reporting domestic animals...	492	2,538	95	141	534	634	649	69	1,666	2,720
2	Value of domestic animals.....dollars..	123,518	323,270	34,935	36,511	109,230	175,985	131,080	25,885	335,042	399,106
Cattle:											
3	Total number.....	678	2,038	170	122	454	620	540	72	1,370	1,996
4	Value.....dollars..	19,001	62,152	4,808	3,580	15,916	25,336	18,464	2,578	54,077	67,231
5	Number of dairy cows.....	400	1,618	71	102	291	352	370	55	912	1,617
Horses:											
6	Total number.....	1,014	2,676	293	291	847	1,135	1,056	212	2,521	2,908
7	Value.....dollars..	85,625	229,027	26,110	28,625	80,450	126,925	100,836	19,510	248,819	268,828
8	Number of mature horses.....	949	2,550	273	281	822	1,097	1,009	205	2,428	2,797
Mules and asses and burros:											
9	Total number.....	79	208	7	41	71	69	47	24	159	378
10	Value.....dollars..	10,840	21,103	1,425	3,780	10,465	17,175	6,295	3,400	22,725	51,111
11	Number of mature mules.....	51	183	3	20	61	55	22	20	129	336
Swine:											
12	Total number.....	764	1,448	194	101	208	396	677	34	727	1,459
13	Value.....dollars..	7,957	10,900	2,592	521	2,394	6,481	5,464	397	9,414	11,627
Sheep and goats:											
14	Total number.....	5	23	1	1	1	4	5	2	2	35
15	Value.....dollars..	95	88	5	5	5	18	21	7	7	309

		Decatur.	Dickinson.	Doniphan.	Douglas.	Edwards.	Elk.	Ellis.	Ellsworth.	Finney.	Ford.
1	Incllosures reporting domestic animals...	199	1,054	538	1,035	203	435	317	229	414	325
2	Value of domestic animals.....dollars..	75,933	222,959	97,028	178,521	53,598	93,513	61,927	68,329	233,397	75,220
Cattle:											
3	Total number.....	578	716	500	696	158	338	283	167	2,889	214
4	Value.....dollars..	26,412	24,205	19,367	25,301	5,774	13,488	9,439	6,153	123,729	6,783
5	Number of dairy cows.....	97	541	340	510	145	292	236	146	505	173
Horses:											
6	Total number.....	429	1,742	672	1,526	388	665	468	483	929	637
7	Value.....dollars..	40,465	185,465	58,731	143,418	40,274	68,207	49,638	53,770	91,425	64,526
8	Number of mature horses.....	423	1,670	657	1,499	371	640	444	478	886	612
Mules and asses and burros:											
9	Total number.....	9	48	93	52	42	54	14	28	123	24
10	Value.....dollars..	2,860	10,055	12,343	6,460	7,050	9,465	1,677	8,165	16,400	3,355
11	Number of mature mules.....	5	35	81	37	34	38	11	20	96	19
Swine:											
12	Total number.....	630	388	690	385	59	269	129	26	221	60
13	Value.....dollars..	6,183	3,196	6,320	3,333	500	2,353	1,173	236	1,833	531
Sheep and goats:											
14	Total number.....	5	7	49	3	3	1	1	1	3	3
15	Value.....dollars..	13	38	267	9	9	5	5	5	10	15

		Franklin.	Geary.	Gove.	Graham.	Grant.	Gray.	Greeley.	Greenwood.	Hamilton.	Harper.
1	Incllosures reporting domestic animals...	957	535	121	145	1	54	28	623	124	655
2	Value of domestic animals.....dollars..	168,846	581,997	44,077	57,809	132	32,560	7,757	159,492	32,414	171,846
Cattle:											
3	Total number.....	722	282	168	248	2	236	64	760	104	513
4	Value.....dollars..	28,167	10,100	4,680	7,098	32	9,045	1,852	31,958	4,643	19,411
5	Number of dairy cows.....	554	228	92	88	1	46	38	413	76	436
Horses:											
6	Total number.....	1,360	2,877	285	312	2	205	60	1,070	204	1,166
7	Value.....dollars..	124,073	494,043	33,630	36,160	100	20,725	5,660	110,946	23,735	131,161
8	Number of mature horses.....	1,332	2,865	268	309	2	201	55	1,012	197	1,126
Mules and asses and burros:											
9	Total number.....	33	362	25	14	15	15	1	61	11	114
10	Value.....dollars..	8,100	76,745	3,975	1,775	1,905	1,905	50	12,945	2,750	17,493
11	Number of mature mules.....	19	358	24	13	14	14	1	27	9	99
Swine:											
12	Total number.....	588	124	229	82	52	52	18	383	109	447
13	Value.....dollars..	5,472	1,101	1,784	946	885	885	195	3,633	1,286	3,746
Sheep and goats:											
14	Total number.....	6	2	2	2,626	2	2	2	5	5	6
15	Value.....dollars..	34	8	8	11,830	8	8	8	10	10	35

STATISTICS OF AGRICULTURE.

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

	Harvey.	Haskell.	Hodgeman.	Jackson.	Jefferson.	Jewell.	Johnson.	Kearny.	Kingman.	Kiowa.	
1	Inclosures reporting domestic animals...	779	1	34	608	516	747	83	444	174	
2	Value of domestic animals.....dollars..	148,642	568	8,242	149,328	111,823	149,251	122,182	20,408	102,550	75,668
	Cattle:										
3	Total number.....	436	3	30	540	465	467	640	61	493	613
4	Value.....dollars..	16,104	68	1,012	20,713	18,045	16,215	22,989	2,405	14,907	24,733
5	Number of dairy cows.....	370	2	23	424	353	298	466	55	347	98
	Horses:										
6	Total number.....	1,248	6	62	975	757	981	1,010	182	707	322
7	Value.....dollars..	119,710	500	6,545	99,117	74,773	106,270	83,782	15,625	70,188	39,710
8	Number of mature horses.....	1,210	6	60	949	731	948	992	129	650	316
	Mules and asses and burros:										
9	Total number.....	60		4	110	91	76	38	12	107	46
10	Value.....dollars..	11,215		600	25,665	15,616	18,035	4,720	2,075	14,620	10,125
11	Number of mature mules.....	50		4	72	65	43	27	5	92	37
	Swine:										
12	Total number.....	154		7	468	440	841	561	22	241	108
13	Value.....dollars..	1,608		85	3,818	3,364	8,731	5,676	108	2,235	1,090
	Sheep and goats:										
14	Total number.....	1			5	3		1,005	20	183	2
15	Value.....dollars..	5			15	25		5,015	195	600	10

	Labette.	Lane.	Leavenworth.	Lincoln.	Linn.	Logan.	Lyon.	McPherson.	Marion.	Marshall.	
1	Inclosures reporting domestic animals...	1,451	20	999	309	580	86	1,153	803	881	938
2	Value of domestic animals.....dollars..	256,639	7,318	375,726	91,591	119,647	25,929	224,773	173,407	199,673	199,645
	Cattle:										
3	Total number.....	1,359	30	655	278	661	140	1,415	623	974	780
4	Value.....dollars..	46,217	941	25,200	9,176	21,637	3,548	46,504	20,728	32,837	27,287
5	Number of dairy cows.....	1,007	23	575	194	458	75	591	460	677	600
	Horses:										
6	Total number.....	1,921	39	2,280	628	930	170	1,711	1,288	1,396	1,484
7	Value.....dollars..	180,882	4,890	243,463	71,881	84,805	18,051	157,299	140,645	147,774	154,061
8	Number of mature horses.....	1,850	37	2,252	597	868	164	1,663	1,244	1,323	1,420
	Mules and asses and burros:										
9	Total number.....	178	3	680	41	45	27	90	63	44	83
10	Value.....dollars..	22,400	1,425	102,775	8,615	6,775	2,635	14,489	9,160	10,425	13,693
11	Number of mature mules.....	128		664	34	33	20	60	59	34	60
	Swine:										
12	Total number.....	823	7	425	197	599	145	325	260	715	502
13	Value.....dollars..	7,118	62	4,284	1,919	5,813	1,695	4,593	2,875	7,066	4,698
	Sheep and goats:										
14	Total number.....	6		2		102		379	3	73	4
15	Value.....dollars..	22		4		617		1,888	9	941	6

	Meade.	Miami.	Mitchell.	Montgomery.	Morris.	Morton.	Nemaha.	Neosho.	Ness.	Norton.	
1	Inclosures reporting domestic animals...	111	556	574	2,617	432	11	751	1,135	139	296
2	Value of domestic animals.....dollars..	32,486	104,947	135,545	440,383	113,115	12,111	147,821	236,810	40,328	61,849
	Cattle:										
3	Total number.....	137	374	577	1,539	498	94	630	940	219	164
4	Value.....dollars..	4,637	13,481	19,581	54,366	15,744	2,461	23,491	32,156	5,841	6,328
5	Number of dairy cows.....	97	291	361	1,259	323	23	484	500	133	154
	Horses:										
6	Total number.....	245	837	1,073	3,780	802	76	1,155	1,727	299	583
7	Value.....dollars..	24,700	82,639	101,858	353,145	86,142	9,150	111,613	181,160	31,120	53,080
8	Number of mature horses.....	235	815	1,041	3,683	748	71	1,104	1,674	268	567
	Mules and asses and burros:										
9	Total number.....	22	29	57	211	37		53	123	6	10
10	Value.....dollars..	3,010	4,695	9,330	27,817	7,285		7,800	17,805	2,740	1,350
11	Number of mature mules.....	17	17	48	193	25		44	99		10
	Swine:										
12	Total number.....	9	362	475	665	461	13	549	640	54	100
13	Value.....dollars..	139	3,850	4,776	5,021	3,924	500	5,411	5,681	618	1,091
	Sheep and goats:										
14	Total number.....		80		7	4		2	2	4	
15	Value.....dollars..		382		34	20		6	8	9	

	Osage.	Osborne.	Ottawa.	Pawnee.	Phillips.	Pottawatomie.	Pratt.	Rawlins.	Reno.	Republic.	
1	Inclosures reporting domestic animals...	857	422	468	329	396	725	320	115	1,588	538
2	Value of domestic animals.....dollars..	137,903	96,259	116,000	92,633	89,364	193,114	71,200	28,808	304,171	154,166
	Cattle:										
3	Total number.....	796	340	351	152	380	859	213	108	933	640
4	Value.....dollars..	23,664	11,540	12,011	5,511	12,918	36,649	8,014	3,188	34,826	38,060
5	Number of dairy cows.....	543	266	272	142	245	502	181	85	763	296
	Horses:										
6	Total number.....	1,230	709	851	625	679	1,338	575	246	2,460	935
7	Value.....dollars..	102,231	78,808	91,539	73,160	63,252	127,310	52,325	24,167	232,345	99,694
8	Number of mature horses.....	1,197	680	816	605	651	1,293	546	229	2,390	901
	Mules and asses and burros:										
9	Total number.....	73	25	64	93	32	115	62	9	203	36
10	Value.....dollars..	8,180	4,095	10,305	13,285	8,105	15,555	10,120	870	30,120	6,291
11	Number of mature mules.....	40	20	45	86	25	95	57	8	194	23
	Swine:										
12	Total number.....	374	177	239	75	520	1,198	89	58	664	720
13	Value.....dollars..	3,808	1,795	2,145	684	5,289	13,600	741	578	6,720	10,093
	Sheep and goats:										
14	Total number.....	3	4		1				1	18	2
15	Value.....dollars..	20	21		3				5	160	23

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

		Rice.	Riley.	Rooks.	Rush.	Russell.	Saline.	Scott.	Sedgwick.	Seward.
1	Inclusures reporting domestic animals.....	663	661	419	211	389	767	64	3,648	93
2	Value of domestic animals.....dollars..	158,041	145,091	103,353	59,079	86,571	178,498	15,959	753,479	24,738
Cattle:										
3	Total number.....	569	429	358	318	296	534	44	1,863	80
4	Value.....dollars..	19,505	16,042	12,766	8,603	9,868	18,829	1,765	73,580	2,895
5	Number of dairy cows.....	418	346	314	185	257	405	36	1,349	67
Horses:										
6	Total number.....	1,155	1,161	698	418	694	1,444	109	6,156	171
7	Value.....dollars..	122,300	111,378	72,815	43,857	70,419	143,858	12,745	639,949	20,625
8	Number of mature horses.....	1,088	1,091	663	400	671	1,423	106	5,985	170
Mules and asses and burros:										
9	Total number.....	70	79	86	40	40	107	9	201	9
10	Value.....dollars..	11,370	13,920	15,492	5,070	4,775	14,450	1,380	27,134	910
11	Number of mature mules.....	56	69	76	22	32	103	8	172	6
Swine:										
12	Total number.....	475	339	224	155	123	119	9	661	31
13	Value.....dollars..	4,863	3,582	2,370	1,549	1,225	1,346	69	5,551	308
Sheep and goats:										
14	Total number.....	1	10			11	2		2,351	
15	Value.....dollars..	3	169			284	15		7,265	

		Shawnee.	Sheridan.	Sherman.	Smith.	Stafford.	Stanton.	Stevens.	Sumner.	Thomas.
1	Inclusures reporting domestic animals.....	2,756	102	99	458	330	3	19	1,276	156
2	Value of domestic animals.....dollars..	458,497	33,612	31,362	96,370	99,340	1,506	5,936	284,901	40,311
Cattle:										
3	Total number.....	1,452	119	144	384	192	41	23	1,076	154
4	Value.....dollars..	52,523	3,424	4,327	13,319	7,690	852	740	36,768	5,241
5	Number of dairy cows.....	1,199	82	103	311	180	4	17	727	128
Horses:										
6	Total number.....	4,127	224	228	830	677	10	46	2,188	303
7	Value.....dollars..	376,516	23,956	25,385	73,700	70,930	635	4,375	221,549	29,078
8	Number of mature horses.....	4,047	203	220	798	660	8	37	2,072	274
Mules and asses and burros:										
9	Total number.....	159	12	12	16	118	1	4	123	24
10	Value.....dollars..	19,934	2,740	1,550	1,975	19,384	10	525	20,919	4,250
11	Number of mature mules.....	141	5	7	8	112		3	89	12
Swine:										
12	Total number.....	734	311	10	678	130	3	32	636	111
13	Value.....dollars..	9,448	3,487	100	7,344	1,331	9	296	5,627	1,739
Sheep and goats:										
14	Total number.....	18	1		6	2			8	1
15	Value.....dollars..	76	5		32	5			40	3

		Trego.	Wabauunsee.	Wallace.	Washington.	Wichita.	Wilson.	Woodson.	Wyandotte.
1	Inclusures reporting domestic animals.....	126	339	37	634	41	902	300	2,213
2	Value of domestic animals.....dollars..	31,120	101,499	12,668	152,359	5,468	152,504	70,018	487,293
Cattle:									
3	Total number.....	139	459	48	639	51	763	309	1,105
4	Value.....dollars..	5,340	19,590	1,408	21,475	1,870	26,133	11,593	42,442
5	Number of dairy cows.....	125	243	30	408	48	605	256	657
Horses:									
6	Total number.....	213	645	94	983	43	1,259	448	3,956
7	Value.....dollars..	23,070	67,892	8,975	101,745	3,355	110,711	44,828	374,903
8	Number of mature horses.....	208	630	90	951	41	1,218	421	3,938
Mules and asses and burros:									
9	Total number.....	14	62	11	102		74	69	293
10	Value.....dollars..	2,210	10,597	2,075	18,230		11,720	10,190	42,374
11	Number of mature mules.....	8	39	10	84		63	62	254
Swine:									
12	Total number.....	57	238	22	705	20	419	281	968
13	Value.....dollars..	500	3,415	203	10,256	243	3,915	3,407	8,351
Sheep and goats:									
14	Total number.....		1	1	69		5		3,430
15	Value.....dollars..		5	5	653		25		19,223

CHAPTER 4.

STATISTICS OF IRRIGATION FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents the larger part of the statistics of irrigation for Kansas obtained in connection with the Thirteenth Census. The statistics of the number of farms and acreage irrigated, cost of operation and maintenance, and irrigated crops are for the calendar year 1909; those of irrigation works, cost of enterprises, acreage enterprises were capable of irrigating in 1910, and acreage included in projects are of the date July 1, 1910.

These statistics have been collected under the law of February 25, 1910, which contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by special agents. The data relating to number of farms irrigated and irrigated crops are taken from the supplemental schedules, while all data relating to acreage irrigated and to irrigation works and their construction and operation are taken from the special schedules.

In accordance with the law, the data collected have been classified primarily by the state and Federal laws by virtue of which the land was brought under irrigation. The results are presented in detail at the end of this chapter and summarized in text tables.

Such of the terms used as are not self-explanatory are defined below.

Farms irrigated.—The number of "farms irrigated" is the number of farms on which irrigation is practiced and is equivalent to the term "number of irrigators" used in previous census reports.

Types of enterprise.—The types of enterprise under which the lands irrigated in 1909 are classified are as follows:

United States Reclamation Service enterprises, which operate under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands.

United States Indian Service enterprises, which operate under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

Carey Act enterprises, which operate under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

Irrigation districts, which are public corporations that operate under state laws providing for their organization and management, and empowering them to issue bonds and levy and collect taxes with the object of obtaining funds for the purchase or construction, and for the operation and maintenance of irrigation works.

Cooperative enterprises, which are controlled by the water users under some organized form of cooperation. The most common form of organization is the stock company, the stock of which is owned by the water users.

Commercial enterprises, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water, and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

Individual and partnership enterprises, which belong to individual farmers or to neighboring farmers, who control them without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises, but as the difference is slight this is unimportant.

Source of water supply.—Of the terms used in the classification according to source of water supply, none requires explanation except "reservoirs." The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses that are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

Acre-foot.—The "acre-foot," used to express the capacity of reservoirs, is the volume of water required to cover 1 acre to a depth of 1 foot, or 43,560 cubic feet.

Cost.—The cost of irrigation enterprises is that given by the owners. For the larger works the cost given is taken, in most cases, from the books of account and represents the actual cost. In the case of most of the private and partnership and many of the cooperative enterprises, however, the works were built by their owners without records of money or labor expended, and the cost given represents the owners' estimates. The cost reported for 1910 includes the cost of construction and of acquiring rights. The latter usually consists of filing fees only. In some instances it includes the purchase price of rights, but these cases are so rare that they are unimportant. The cost reported for 1899 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. The average cost per acre is based on the acreage enterprises were capable of irrigating in 1910 and the cost to July 1, 1910.

FARMS AND ACREAGE IRRIGATED.

Irrigation of any importance in Kansas is confined to the western third of the state, being most extensively practiced along the Arkansas River. More than 90 per cent of the irrigated acreage in the state is in the three most westerly counties bordering this river.

Partly because irrigation is not necessary in every year, and partly because of the proximity of the lands which require no irrigation, the practice of irrigation has as yet been less developed in this state than in the states farther to the west.

The following table shows for the state as a whole the number of farms and acreage irrigated in 1909, in comparison with the total number of farms, the total land area, the total land in farms, and the total acreage of improved land in farms in 1910, together with the areas not yet irrigated for which water has been or is being made available. Comparative figures for the census of 1900 are included as far as possible.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Number of all farms.....	1 177,841	2 173,068	4,743	2.7
Approximate land area of the state..... acres	52,335,360	52,335,360		
Land in farms..... acres	1 43,384,790	2 41,662,970	1,721,820	4.1
Improved land in farms..... acres	1 29,904,067	2 25,040,560	4,863,517	19.4
Number of farms irrigated.....	3 1,008	4 929	77	8.3
Acreage irrigated.....	5 37,479	6 23,620	13,859	58.7
Acreage enterprises were capable of irrigating.....	7 139,995	(6)		
Acreage included in projects.....	8 161,300	(6)		
Percentage irrigated of—				
Number of all farms.....	0.6	0.5	0.1	
Approximate land area of the state.....	0.1	(7)		
Land in farms.....	0.1	0.1		
Improved land in farms.....	0.1	0.1		
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	102,516			
Excess of acreage included in projects over acreage irrigated in 1909.....	123,821			

1 April 15. 2 June 1. 3 In 1909. 4 In 1899. 5 July 1. 6 Not reported. 7 Less than one-tenth of 1 per cent.

Number of farms irrigated.—From 1899 to 1909 there was an increase of 8.3 per cent in the number of farms irrigated in the state as a whole. Irrigation was practiced on only six-tenths of 1 per cent of the farms of the state in 1909. In 1899 the proportion of irrigated farms was slightly less (five-tenths of 1 per cent), and in 1889 it was still lower (three-tenths of 1 per cent).

In one of the three counties for which comparative figures as to the number of farms irrigated are given, there was a decrease between 1899 and 1909, the number in Finney decreasing from 182 to 173. Increases are shown for Hamilton and Kearny Counties.

Acreage irrigated.—The total acreage reported as irrigated in 1909 was 37,479, as against 23,620 in 1899, and 20,818 in 1889. The percentage of increase from 1889 to 1899 was 13.5, while from 1899 to 1909 it was 58.7.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than the percentage of increase in the number of farms irrigated, the acreage irrigated per farm increasing from 25.4 to 37.3 during the decade.

In both 1909 and 1899 the county for which the largest area of irrigated land was reported was Finney, with an irrigated acreage of 17,285 and 8,939 at the respective censuses. Kearny County was next in im-

portance in this respect in both years, with 15,168 acres of irrigated land in 1909 and 7,071 acres in 1899. These were likewise the counties in which irrigated land formed the highest percentage of the total land area, the proportion in Kearny being 2.8 per cent and that in Finney 2.1 per cent. The only other counties that had irrigated areas in excess of 1,000 acres in 1909 were Cheyenne and Hamilton.

Acreage included in projects.—The table shows that in 1910 existing enterprises were ready to supply water to 139,995 acres, an area about three and three-fourths times the acreage irrigated in 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 123,821 acres, which is more than three times the acreage irrigated in 1909 and more than eight times the acreage brought under irrigation in the last decade. The greater part of this acreage represents land which will be available for the extension of irrigation in the next few years upon the completion of projects now under construction and without new undertakings, although some of it was reported for completed enterprises which are not utilized to their full extent.

Acreage irrigated, classified by character of enterprise.—The following table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works.

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All classes.....	37,479	100.0
U. S. Reclamation Service.....	6,953	18.6
Cooperative enterprises.....	27,372	73.0
Individual and partnership enterprises.....	3,154	8.4

In Kansas there are no Indian Service enterprises, Carey Act enterprises, or irrigation districts. The area here credited to the United States Reclamation Service was supplied with water by a cooperative canal, to which the Reclamation Service furnished an additional water supply for a few years, but since 1909 this land has been served by the cooperative canal exclusively. Thus the entire acreage in Kansas reported as irrigated in 1909 is now supplied by works controlled by the water users.

Acreage irrigated, classified by source of water supply.—The following table shows the distribution of the acreage irrigated in 1909, according to the source of water supply:

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	37,479	100.0
Streams.....	35,489	94.7
Wells.....	1,961	5.2
Springs.....	27	0.1
Reservoirs.....	2	(¹)

¹ Less than one-tenth of 1 per cent.

From the foregoing table it is apparent that up to the present time there has been comparatively little development of any source of water supply other than streams.

IRRIGATION WORKS.

The following table summarizes the data collected relating to works for supplying water for irrigation in 1910 and 1900:

	CENSUS OF—	
	1910	1900 ¹
Independent enterprises..... number..	716	(²)
Ditches, total length..... miles.....	316	(²)
Main ditches..... number.....	89	107
Length..... miles.....	274	324
Capacity..... cubic feet per second.....	2,600	(²)
Lateral ditches..... number.....	39	(²)
Length..... miles.....	42	(²)
Reservoirs..... number.....	42	(²)
Capacity..... acre-feet.....	31,024	(²)
Flowing wells..... number.....	3	(²)
Capacity..... gallons per minute.....	30	(²)
Pumped wells..... number.....	939	(²)
Capacity..... gallons per minute.....	73,362	(²)
Pumping plants..... number.....	698	(²)
Engine capacity..... horsepower.....	1,517	(²)
Pump capacity..... gallons per minute.....	128,276	(²)

¹ Figures relate only to systems obtaining water from streams in 1899.
² Not reported.

As only two of the items reported in 1910 were reported in 1900 there is little opportunity for comparison between the two censuses.

Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average acreage irrigated per enterprise was 52.3, and the acreage irrigated per mile of main ditch was 136.8. For the enterprises represented by the figures for the preceding census, which include only the systems that received water from streams, the average acreage irrigated from streams per mile of main ditch was 67.

There was a considerable utilization of underground water for irrigation in Kansas. The table shows 3 flowing wells and 939 pumped wells used for irrigation, which together supplied water to 1,961 acres in 1909. Although the pumped wells are scattered over the state, 26.8 per cent of the total number were reported in Finney County, drawing water from the so-called underflow of the Arkansas River. At the Twelfth Census 599 wells were reported, but figures as to the number of each kind are not available.

Cost of construction, operation, and maintenance.—The following table shows the total cost of irrigation enterprises up to July 1, 1910, including construction of works and acquisition of rights but not operation and maintenance, with the average cost per acre, based on the acreage the enterprises were capable of irrigating in 1910; the estimated final cost of existing enterprises, including those completed and those under construction, with the average cost per acre, based on the acreage included in projects; and the total cost and average cost per acre of operation and maintenance in 1909. Data relating to the cost of construction of systems operated in 1899 are included for comparison.

	CENSUS OF—	
	1910	1900
Cost of irrigation enterprises.....	¹ \$1,365,563	² \$529,755
Average per acre.....	³ \$9.75	⁴ \$22.43
Estimated final cost of existing enterprises.....	\$1,365,563	(⁵)
Average per acre included in projects.....	\$8.47	(⁵)
Operation and maintenance:		
Acreage for which cost is reported.....	34,255	(⁵)
Total cost reported.....	⁶ \$54,595	(⁵)
Average cost per acre.....	\$1.59	(⁵)

¹ Reported July 1.
² Cost of construction of systems operated in 1899.
³ Based on acreage enterprises were capable of irrigating in 1910.
⁴ Based on acreage irrigated in 1899.
⁵ Not reported.
⁶ For 1909.

The total cost of irrigation systems increased 157.8 per cent between the censuses of 1900 and 1910, while a decrease is shown in the average cost per acre. The average shown for the census of 1910 is based on the acreage under ditch in that year, but since the corresponding acreage for 1900 was not reported, the figure for average cost at the earlier census is based on the acreage actually irrigated in 1899. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$36.44, representing an increase of 62.5 per cent over the figure for the average cost at the census of 1900.

The acreage for which cost of operation and maintenance in 1909 was reported constitutes 91.4 per cent of the total acreage reported as irrigated in 1909 or practically the total acreage reported as irrigated by enterprises other than those under individual or partnership control.

CROPS.

The next table shows the acreage, yield, and value of the principal crops reported as grown under irrigation in 1909.

Of the total acreage of the irrigated crops shown in the table about one-half (49.8 per cent) is that of alfalfa and more than one-fourth (26.8 per cent) that of sugar beets. No other single crop covered as much as 5 per cent of the total acreage of the irrigated crops in 1909.

Of the total irrigated acreage in alfalfa 41.7 per cent was in Finney County, 34.1 per cent in Kearny County, and 18.7 per cent in Hamilton County; and of the irrigated acreage in sugar beets, 58.1 per cent was in Finney County and 41.1 per cent in Kearny County.

CROP.	IRRIGATED CROPS: 1909				Value.
	Acreage.	Yield.			
		Unit.	Amount.	Average per acre.	
Cereals:					
Corn.....	745	Bu....	16,892	22.7	\$9,748
Oats.....	487	Bu....	10,525	21.6	4,942
Wheat.....	930	Bu....	19,121	20.6	17,708
Barley.....	356	Bu....	6,145	17.3	3,281
Other seed:					
Alfalfa seed.....	725	Bu....	1,126	1.6	9,063
Hay and forage:					
Alfalfa.....	10,470	Tons..	21,699	2.07	153,250
Wild, salt, or prairie grasses.....	541	Tons..	527	0.97	3,099
Coarse forage.....	1,011	Tons..	2,509	2.48	11,759
Sundry crops:					
Potatoes.....	117	Bu....	12,871	110.0	8,890
Sugar beets.....	5,638	Tons..	45,345	8.04	226,931

COUNTY TABLE.

All the data summarized in the foregoing section relating to irrigation in Kansas, except those for crops, are given in detail for the state and principal counties in the next table.

STATISTICS OF IRRIGATION.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910.

[Comparative data for 1899 in italics.]

	THE STATE.	Cheyenne.	Finney.	Hamilton.	Kearny.	All other counties.
1 Number of all farms in 1910.....	177,841	796	716	659	585	175,085
2 Number of farms irrigated in 1909.....	1,006	10	173	54	121	648
3 Per cent of all farms.....	0.6	1.3	24.2	8.2	20.7	0.4
4 <i>Number of farms irrigated in 1899.....</i>	<i>820</i>	<i>(1)</i>	<i>182</i>	<i>39</i>	<i>83</i>	<i>1,620</i>
5 Per cent of increase, 1899-1909.....	8.3		24.9	38.5	37.5	
LAND AND FARM AREA						
6 Approximate land area..... acres.....	52,335,360	645,120	816,640	629,760	545,920	49,697,920
7 Land in farms..... acres.....	43,384,799	411,400	312,475	171,850	191,855	42,297,219
8 Improved land in farms..... acres.....	29,904,067	271,958	133,697	51,987	73,189	29,373,236
9 Acreage irrigated in 1909.....	37,479	1,515	17,285	2,366	15,168	1,145
10 Per cent of total land area.....	0.1	0.2	2.1	0.4	2.8	(3)
11 Per cent of land in farms.....	0.1	0.4	5.5	1.4	7.9	(3)
12 Per cent of improved land in farms.....	0.1	0.6	12.9	4.6	20.7	(4)
13 <i>Acreage irrigated in 1899.....</i>	<i>23,620</i>	<i>681</i>	<i>8,839</i>	<i>1,914</i>	<i>7,071</i>	<i>5,116</i>
14 Per cent of increase, 1899-1909.....	58.7	160.8	93.4	23.6	114.5	77.6
15 Acreage enterprises were capable of irrigating in 1910.....	139,995	3,025	96,287	10,606	28,445	1,632
16 Acreage included in projects.....	161,300	4,500	109,376	16,754	28,581	2,089
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS						
CLASSIFIED BY CHARACTER OF ENTERPRISE.						
17 U. S. Reclamation Service, irrigated in 1909.....	6,953		6,953			
18 Enterprises were capable of irrigating in 1910.....						
19 Included in projects.....	10,677		10,677			
20 U. S. Indian Service, irrigated in 1909.....						
21 Enterprises were capable of irrigating in 1910.....						
22 Included in projects.....						
23 Carey Act enterprises, irrigated in 1909.....						
24 Enterprises were capable of irrigating in 1910.....						
25 Included in projects.....						
26 Irrigation districts, irrigated in 1909.....						
27 Enterprises were capable of irrigating in 1910.....						
28 Included in projects.....						
29 Cooperative enterprises, irrigated in 1909.....	27,372	750	9,504	2,070	15,048	
30 Enterprises were capable of irrigating in 1910.....	135,200	2,000	95,000	10,200	28,000	
31 Included in projects.....	144,200	3,000	97,000	16,200	28,000	
32 Commercial enterprises, irrigated in 1909.....						
33 Enterprises were capable of irrigating in 1910.....						
34 Included in projects.....						
35 Individual and partnership enterprises, irrigated in 1909.....	3,154	705	828	296	120	1,145
36 Enterprises were capable of irrigating in 1910.....	4,795	1,025	1,287	406	445	1,632
37 Included in projects.....	6,423	1,500	1,699	554	581	2,089
ACREAGE IRRIGATED						
CLASSIFIED BY SOURCE OF WATER SUPPLY.						
38 Supplied from streams.....	85,489	1,515	16,007	2,170	15,073	724
39 By gravity.....	35,469	1,515	16,007	2,170	15,073	704
40 By pumping.....	20					20
41 Supplied from lakes.....						
42 By gravity.....						
43 By pumping.....						
44 Supplied from wells.....	1,961		1,278	196	95	392
45 Flowing.....	2					2
46 By pumping.....	1,959		1,278	196	95	390
47 Supplied from springs.....	27					27
48 Supplied from reservoirs.....	2					2
49 Total acreage supplied by pumping.....	1,979		1,278	196	95	410
IRRIGATION ENTERPRISES						
50 Independent enterprises..... number.....	716	6	39	11	10	650
51 <i>Number in 1899.....</i>						
52 Per cent of increase, 1899-1910.....						
53 Main ditches..... number.....	89	4	32	8	5	40
54 <i>Number in 1899.....</i>	<i>107</i>	<i>6</i>	<i>4</i>	<i>11</i>	<i>10</i>	<i>78</i>
55 Per cent of increase, 1899-1910.....	216.8	33.3	700.0	27.3	50.0	47.4
56 Length..... miles.....	274	27	100	33	65	49
57 <i>Length in 1899.....</i>	<i>324</i>	<i>69</i>	<i>60</i>	<i>14</i>	<i>104</i>	<i>77</i>
58 Per cent of increase, 1899-1910.....	215.4	60.9	66.7	135.7	37.5	36.4
59 Capacity..... cubic feet per second.....	2,600	125	1,400	492	493	90
60 Laterals..... number.....	39	11	4	7	10	13
61 Length..... miles.....	3	1	1	4	3	4
62 Reservoirs..... number.....	42	1	29	5	3	4
63 Capacity..... acre-feet.....	31,024		31,019	1	2	2
64 Flowing wells..... number.....	3					3
65 Capacity..... gallons per minute.....	30					30
66 Pumped wells..... number.....	939		252	7	75	605
67 Capacity..... gallons per minute.....	73,362		30,613	4,384	33,325	5,040
68 Pumping plants..... number.....	698		61	9	19	609
69 Engine capacity..... horsepower.....	1,517		992	66	225	234
70 Pump capacity..... gallons per minute.....	123,276		80,113	6,384	33,725	8,054
COST						
71 Cost of enterprises up to July 1, 1910..... dollars.....	1,365,563	6,384	1,089,048	25,908	218,694	25,529
72 <i>Cost in 1899.....</i>	<i>529,755</i>	<i>106,220</i>	<i>102,225</i>	<i>9,050</i>	<i>213,500</i>	<i>98,760</i>
73 Per cent of increase, 1899-1910.....	157.8	94.0	965.3	188.3	2.4	74.2
74 Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	9.75	2.11	11.31	2.44	7.69	15.64
75 <i>Average cost per acre irrigated in 1899.....</i>	<i>22.43</i>	<i>182.22</i>	<i>11.44</i>	<i>4.73</i>	<i>30.19</i>	<i>19.31</i>
76 Estimated final cost of existing enterprises..... dollars.....	1,365,563	6,384	1,089,048	25,908	218,694	25,529
77 Average per acre included in projects..... dollars.....	8.47	1.42	9.96	1.55	7.65	12.22
OPERATION AND MAINTENANCE						
78 Acreage for which cost is reported.....	34,255	750	16,457	2,000	15,048	
79 Total cost reported..... dollars.....	54,595	750	41,962	2,460	9,423	
80 Average per acre for which cost is reported..... dollars.....	1.59	1.00	2.55	1.23	0.63	
81 <i>Average cost per acre in 1899.....</i>						
82 Per cent of increase, 1899-1909.....						

¹ Statistics as to number of farms irrigated in Cheyenne County included in figure for number of farms irrigated in "all other counties" for 1899.
² Decrease.

³ Less than one-tenth of 1 per cent.
⁴ Not reported.
⁵ Figures relate only to systems obtaining water from streams.

CHAPTER 5.

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

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

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

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wages, cost of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries (1) for the state as a whole and (2) for the cities of Kansas City and Wichita. 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 Kansas City and Wichita 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. The percentage has been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for the state as a whole.

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

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

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

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

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

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

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

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

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

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

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

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

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

Laundries.—The census of 1909 was the first to include statistics

INDUSTRIES IN GENERAL.

General character of the state.—Kansas, with a gross area of 82,158 square miles, of which 384 represent water surface, ranks thirteenth in size among the 49 states and territories of continental United States. Its population in 1910 was 1,690,949, as compared with 1,470,495 in 1900 and 1,428,108 in 1890. It ranked twenty-second among the states and territories as regards population both in 1910 and 1900. In 1910 the density of population for the entire state was 20.7 per square mile, the corresponding figure for 1900 being 18.

The state has two cities having a population of over 50,000—Kansas City and Wichita. There are also 10 cities having a population of over 10,000 but less than 50,000. (See table on page 685.) In 1910, 29.2 per cent of the entire population of the state resided in cities having a population of 2,500 inhabitants or over, as against 22.5 per cent in 1900.

The railway facilities of Kansas, especially in the eastern part, are exceptionally good. The state is so situated geographically that it is traversed by several important railways connecting the industrial centers of the Mississippi Valley with points in the West and Southwest. The Missouri River on the northeast boundary is the only navigable river, although the water from a number of smaller streams affords advantages for the development of power.

Importance and growth of manufactures.—Kansas is not preeminently a manufacturing state. Its manufactures have been largely the outgrowth of its extensive agricultural resources, while, in recent years, they have been further stimulated by the development of rich zinc and coal mines and by the discovery of oil and gas. Kansas was organized as a territory in 1854, and at the first census of the manufactures of the territory in 1859, the total value of all manufactured products was only \$4,357,000. Twenty years later it had increased to \$30,844,000. From that time a most rapid growth took place, and in 1899 the value of products, exclusive of those of neighborhood industries and hand trades, was \$154,009,000. In 1904 it was \$198,245,000, and in 1909, \$325,104,000.

Slaughtering and meat packing and the flour mills and gristmills are largely responsible for this rapid growth, these two industries together contributing in 1909 nearly three-fourths of the total value of prod-

ucts. Other manufacturing industries, however, also show considerable growth. In 1909 Kansas ranked fourteenth, and in 1904 and 1899, sixteenth, among the states and territories in respect to the value of its manufactures, having advanced from thirty-first place in 1859.

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.

ucts. Other manufacturing industries, however, also show considerable growth. In 1909 Kansas ranked fourteenth, and in 1904 and 1899, sixteenth, among the states and territories in respect to the value of its manufactures, having advanced from thirty-first place in 1859.

Only a small percentage of the total population is engaged in manufactures. During 1859 an average of 1,735 wage earners, representing 1.6 per cent of the total population, were employed in manufactures, while in 1909 an average of 44,215 wage earners, or 2.6 per cent of the total population, were so engaged. During this period of 50 years the gross value of products per capita of the total population of the state increased from \$41 to \$192. From 1859 to 1909, moreover, the proportion which the value of the manufactures of the state represented of the total value of the products of manufacturing industries in the United States increased considerably. This proportion was two-tenths of 1 per cent in 1859 and 1.6 per cent in 1909.

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

In 1909 the state of Kansas had 3,435 manufacturing establishments, which gave employment to an average of 54,649 persons during the year and paid out \$33,255,000 in salaries and wages. Of the persons employed, 44,215 were wage earners. These establishments turned out products to the value of \$325,104,000, in the manufacture of which materials costing \$258,884,000 were utilized. The value added by manufacture was thus \$66,220,000, 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 Kansas as a whole showed a greater development during the more recent five-year period, 1904-1909, than during the preceding five-year period, 1899-1904. During the more recent period the number of establishments increased 38.8 per cent and the average number of wage earners 24.3 per cent, while the value of products increased 64 per cent and the value added by manufacture 58.7 per cent.

The most important industries listed in the table, in which they are arranged in the order of value of products, call for brief consideration.

Slaughtering and meat packing.—This classification includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage, but not the numerous retail butcher shops, which slaughter a large number of animals. It includes the manufacture of many by-products, some of which are carried to a high degree of elaboration. The industry is by far the most important one in the state. Its rapid development is due chiefly to the fact that Kansas is one of the leading stock-raising states of the country. In 1909 the state reported 12.1 per cent of the total value of the slaughtering and meat-packing products of the United States, and at each of the last three censuses only one state, Illinois, ranked ahead of Kansas in this respect. The importance of the industry is indicated by the fact that in 1909 it gave employment to 24 per cent of the average number of wage earners and reported products valued at \$165,361,000, or 50.9 per cent of the total value of products for all manufacturing industries in the state.

Flour-mill and gristmill products.—This classification includes mills manufacturing wheat, rye, buckwheat, or corn flour, corn meal, hominy, grits, and feed. It does not include mills doing custom grinding exclusively, statistics for which are presented on page 694. The flour-mill and gristmill industry is second in importance among the manufacturing industries of the state, the value of its products (\$68,476,000) forming 21.1 per cent of the total. Kansas is one of the leading wheat-growing states, and ranks third among the states of the Union in the value of flour-mill and gristmill products.

Cars and general shop construction and repairs by steam-railroad companies.—This industry represents the work done in the repair shops operated by steam-railroad companies and consists almost exclusively of repairs to the rolling stock and equipment. It does not include minor repairs made in roundhouses. From 1899 to 1904 there was a large increase in the value of work performed, but for the last five years a slight decrease is shown. Employment was given in 1909 to an average of 7,686 wage earners, the largest number reported for any industry in the state except slaughtering and meat packing, while the value of the work done was reported as \$11,193,000.

Smelting and refining, zinc.—The remarkable growth shown for this industry since 1889 has been due largely to the discovery of gas and oil and also of coal in the same locality as the zinc ore. In 1889 Kansas reported only 4 establishments in this industry, with products valued at \$964,000, whereas in 1899 there were 11 establishments, the value of whose products was \$5,790,000. From 1899 to 1904 the products increased in value 90 per cent, but for the last five years a slight de-

crease is shown. An average of 1,821 wage earners were employed in 1909, and the value of products amounted to nearly one-third of the total value of products of this industry for the entire United States. Kansas ranked first in number of establishments and in value of products for this industry in 1909.

Cement.—Although the cement industry ranks only eighth in value of products among those shown in the preceding table, Kansas ranks fourth among the states in the manufacture of this valuable building material. The output in 1909 was practically all Portland cement, and over 90 per cent was reported from five counties located in the southeastern part of the state. The value of products increased from \$1,475,000 in 1904 to \$4,682,000 in 1909, or 217.4 per cent.

Glass.—The development of the glass industry in Kansas is due directly to the discovery of large quantities of natural gas, a cheap and desirable fuel. Starting less than a decade ago in Kansas, the industry has grown so that in 1909 the state ranked eighth in the value of its glass products.

Salt.—Kansas is one of the few states engaged in the production of salt and has ranked fourth at the last three censuses in the value of this product. While showing a large increase from 1899 to 1904, the value of products of this industry decreased slightly from 1904 to 1909. Nearly one-tenth of the value of the salt products of the United States in 1909 was reported from this state.

The first three industries in the preceding table hold the same rank when measured by value added by manufacture as when measured by value of products. Considerable change, however, is noted in the order of other industries when ranked according to value added by manufacture. Printing and publishing displaces from fourth place the smelting and refining of zinc, which falls to seventh place. The cement industry and the foundry and machine shops advance to fifth and sixth places, respectively, while the butter, cheese, and condensed-milk industry drops from sixth to twelfth place. In the slaughtering and meat-packing, the flour-mill and gristmill, and the butter, cheese, and condensed-milk industries, owing to the comparatively simple processes involved and the extent to which these processes are carried on by machinery, the value added by manufacture is not commensurate with the gross value of products.

This table shows also the percentages of increase for these leading industries in respect to value of products and value added by manufacture where comparative statistics can be presented. Of all the industries shown separately in the table, the manufacture of artificial stone shows the greatest percentages of increase in both items from 1904 to 1909. The cement and confectionery industries, the manufacture of copper, tin, and sheet-iron products, and the glass, manufactured-ice, paint and varnish, and pottery, terra-cotta, and fire-clay products industries also show increases of over

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 represent-

ing values, since the increase shown is certainly due, in part, to the increase that has taken place in the prices of commodities.

	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	3,435	2,475	2,299	38.8	7.7
Persons engaged in manufactures.....	54,649	42,057	(1)	29.9	.....
Proprietors and firm members.....	3,571	2,766	(1)	29.1	.....
Salaried employees.....	6,863	3,721	3,612	84.4	3.0
Wage earners (average number).....	44,215	35,570	27,119	24.3	31.2
Primary horsepower.....	213,141	99,441	68,242	114.3	45.7
Capital.....	\$156,090,000	\$38,680,000	\$50,458,000	76.0	49.1
Expenses.....	305,711,000	187,955,000	141,054,000	62.7	33.2
Services.....	33,255,000	22,575,000	15,925,000	47.3	41.8
Salaries.....	7,351,000	3,692,000	3,123,000	99.1	18.2
Wages.....	25,904,000	18,883,000	12,802,000	37.2	47.5
Materials.....	258,884,000	156,510,000	120,738,000	65.4	29.6
Miscellaneous.....	13,572,000	8,870,000	4,391,000	53.0	102.0
Value of products.....	325,104,000	198,245,000	154,009,000	64.0	28.7
Value added by manufacture (value of products less cost of materials).....	66,220,000	41,735,000	33,271,000	58.7	25.4

¹ Figures not available.

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

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.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. ¹			
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	Value of products.		Value added by manufacture.	
								1904-1909	1899-1904	1904-1909	1899-1904
All industries.....	3,435	44,215	100.0	\$325,104,000	100.0	\$66,220,000	100.0	64.0	28.7	58.7	25.4
Slaughtering and meat packing.....	35	10,591	24.0	165,361,000	50.9	17,715,000	26.8	71.6	24.5	57.7	18.2
Flour-mill and gristmill products.....	501	2,360	5.3	68,476,000	21.1	8,037,000	12.1	62.9	97.1	56.4	60.7
Cars and general shop construction and repairs by steam-railroad companies.....	23	7,636	17.4	11,193,000	3.4	5,974,000	9.0	-2.8	69.0	39.6	14.3
Smelting and refining, zinc.....	12	1,821	4.1	10,857,000	3.3	1,980,000	3.0	-1.3	90.0	-22.4	129.5
Printing and publishing.....	798	3,232	7.3	7,009,000	2.2	4,719,000	7.1	.....	.....	.....	.....
Butter, cheese, and condensed milk.....	60	348	0.8	6,071,000	1.9	1,120,000	1.7	53.9	8.0	62.3	16.8
Foundry and machine-shop products.....	137	2,110	4.8	5,919,000	1.8	2,885,000	4.4	69.6	22.3	53.9	37.6
Cement.....	12	2,143	4.8	4,682,000	1.4	3,126,000	4.7	217.4	.....	196.0	.....
Bread and other bakery products.....	435	900	2.0	3,433,000	1.1	1,444,000	2.2	84.4	90.2	68.5	85.9
Lumber and timber products.....	73	932	2.2	3,244,000	1.0	1,172,000	1.8	77.5	62.6	51.2	74.2
Brick and tile.....	55	1,819	4.1	2,336,000	0.7	1,805,000	2.7	22.5	163.4	23.4	157.6
Glass.....	23	1,435	3.2	2,037,000	0.6	1,365,000	2.1	112.4	.....	126.0	.....
Ice, manufactured.....	86	593	1.3	1,460,000	0.4	1,118,000	1.7	149.6	108.5	151.8	217.1
Leather goods.....	74	339	0.8	1,387,000	0.4	566,000	0.9	.....	.....	.....	.....
Salt.....	10	451	1.0	1,106,000	0.3	587,000	0.9	-1.5	56.6	-0.3	51.4
Marble and stone work.....	82	283	0.7	954,000	0.3	569,000	0.9	93.1	252.9	68.3	162.6
Copper, tin, and sheet-iron products.....	76	222	0.5	749,000	0.2	337,000	0.5	184.8	310.9	146.0	356.7
Artificial stone.....	207	307	0.7	688,000	0.2	391,000	0.6	1,128.6	.....	1,161.3	.....
Tobacco manufactures.....	141	415	0.9	682,000	0.2	420,000	0.6	-25.1	15.2	-26.2	12.4
Clothing, men's, including shirts.....	16	408	0.9	629,000	0.2	297,000	0.4	57.2	185.7	85.6	158.1
Patent medicines and compounds and druggists' preparations.....	39	63	0.1	619,000	0.2	374,000	0.6	116.4	111.9	74.0	131.2
Furniture and refrigerators.....	17	357	0.8	616,000	0.2	380,000	0.6	.....	.....	.....	.....
Paint and varnish.....	6	104	0.2	580,000	0.2	165,000	0.2	866.7	.....	587.5	.....
Carriages and wagons and materials.....	46	246	0.6	530,000	0.2	285,000	0.4	65.1	32.1	39.7	41.7
Cooperage and wooden goods, not elsewhere specified.....	12	162	0.4	504,000	0.2	171,000	0.3	-6.0	34.3	4.9	-22.4
Mattresses and spring beds.....	14	158	0.4	462,000	0.1	244,000	0.4	71.1	83.7	63.8	161.4
Pottery, terra-cotta, and fire-clay products.....	4	228	0.5	373,000	0.1	304,000	0.5	108.8	524.1	111.1	526.1
Agricultural implements.....	18	126	0.3	369,000	0.1	207,000	0.3	-6.6	2,094.4	8.9	2,614.3
Confectionery.....	27	135	0.3	328,000	0.1	156,000	0.2	127.8	-22.2	119.7	9.2
Wall plaster.....	6	170	0.4	287,000	0.1	204,000	0.3	5.5	.....	5.7	.....
Paper and wood pulp.....	3	97	0.2	218,000	0.1	98,000	0.1	7.9	.....	-21.0	.....
Gas, illuminating and heating.....	12	36	0.1	208,000	0.1	151,000	0.2	-60.2	60.9	-50.0	38.5
All other industries.....	375	3,883	8.8	21,732,000	6.7	7,854,000	11.9	.....	.....	.....	.....

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.

100 per cent from 1904 to 1909 both in value of products and in value added by manufacture, while the manufacture of patent medicines and compounds shows such an increase in value of products only.

Seven of the industries given separately in the table show decreases in value of products from 1904 to 1909, while only one shows such a decrease from 1899 to 1904. Four of these industries also show decreases in value added by manufacture from 1904 to 1909, namely, the smelting and refining of zinc, the salt industry, and the tobacco products and illuminating-gas industries. The paper and wood-pulp industry also shows a decrease from 1904 to 1909 in value added by manufacture. Only one industry, the manufacture of cooperage and wooden goods, shows a decrease from 1899 to 1904 in value added by manufacture.

The manufacture of soap is the most important industry included under the head of "All other industries," but the statistics for this industry can not be shown without disclosing the operations of individual establishments. For a similar reason petroleum refining, another important industry, is not shown separately in the preceding table, as but one establishment was reported in 1899 and one in 1904. Table II, page 698, shows that there were 18 establishments refining petroleum in 1909, which gave employment to an average of 324 wage earners and reported products valued at \$4,077,225.

Two other industries included under the head of "All other industries" had a value of products in 1909 in excess of \$1,000,000, namely, the manufacture of food preparations and the construction of steam-railroad cars other than by railroad companies. The first-named industry is of some special interest for the reason that it includes the grinding of alfalfa, which has increased greatly in importance in some of the Western states during the past few years. Thirty-six of these mills, in which the chief output was alfalfa meal, reported products valued at \$919,000. These statistics do not indicate the true extent of the industry, because alfalfa is also ground in some flour mills and gristmills.

In addition to the 32 industries reported separately and the 4 industries discussed in the two paragraphs immediately preceding, there are 25 other industries which had a value of products in 1909 in excess of \$100,000 but less than \$1,000,000. They are included in the group of "All other industries," because, in some instances, if they were shown separately, the operations of individual establishments would be disclosed; in others, because the returns do not properly present the true condition of the industry, for the reason that it is more or less interwoven with one or more other industries; while for others, comparable statistics for the different census years can not be presented either because the data for prior censuses are not available or on account of changes of classification. These industries are as follows: Auto-

mobiles; awnings, tents, and sails; beet sugar; fancy and paper boxes; brass and bronze products; brooms; canning and preserving; coffins, burial cases, and undertakers' goods; coffee and spice, roasting and grinding; cotton goods; explosives; men's furnishing goods; gas and electric fixtures and lamps and reflectors; grease and tallow; mineral and soda waters; linseed oil; paper goods, not elsewhere specified; paving materials; smelting and refining, lead; stoves and furnaces, including gas and oil stoves; sulphuric, nitric, and mixed acids; surgical appliances; vinegar and cider; wirework, including wire rope and cable; and wood preserving. Statistics, however, for the manufacture of brooms and for the canning and preserving industry are presented for 1909 in Table II, page 698.

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.....	54,649	50,156	4,493
Proprietors and officials.....	5,506	5,343	153
Proprietors and firm members.....	3,571	3,440	131
Salaried officers of corporations.....	559	544	15
Superintendents and managers.....	1,376	1,364	12
Clerks.....	4,928	3,970	958
Wage earners (average number).....	44,215	40,838	3,377
16 years of age and over.....	43,980	40,643	3,337
Under 16 years of age.....	235	195	40

The average number of persons engaged in manufactures during 1909 was 54,649, of whom 44,215 were wage earners. Of the remainder, 5,506 were proprietors and officials and 4,928 were clerks. Corresponding figures for individual industries will be found in Table II, page 698.

The next table shows, for 1909, the percentages of proprietors and officials, clerks, and wage earners, respectively, among the total number of persons employed in manufactures. It covers all industries combined and 13 important industries individually.

Of the total number of persons engaged in all manufacturing industries, 10.1 per cent were proprietors and officials, 9 per cent clerks, and 80.9 per cent wage earners. The highest percentage of proprietors and officials shown for any individual industry, 34.9, is for the bakeries. In this industry, and also in the butter, cheese, and condensed-milk, flour-mill and gristmill, and printing and publishing industries, the majority of the establishments are small and the work is to a large extent done by the proprietors or their immediate representatives, so that the propor-

tion of persons engaged in these industries falling into the class of proprietors and officials is very much higher than for the other industries shown in the table or for all industries combined. The smallest proportion for this class is shown for the slaughtering and meat-packing industry and is due to the large average number of wage earners to an individual establishment in this industry.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	54,649	10.1	9.0	80.9
Bread and other bakery products.....	1,488	34.9	4.6	60.5
Brick and tile.....	1,978	5.3	2.8	92.0
Butter, cheese, and condensed milk.....	568	20.2	18.5	61.3
Cars and general shop construction and repairs by steam-railroad companies.....	8,319	3.0	4.6	92.4
Cement.....	2,305	1.9	7.4	90.6
Flour-mill and gristmill products.....	3,778	23.1	14.4	62.5
Foundry and machine-shop products.....	2,605	9.2	9.8	81.0
Glass.....	1,511	2.9	2.1	95.0
Lumber and timber products.....	1,160	10.4	4.9	84.7
Petroleum, refining.....	464	11.0	19.2	69.8
Printing and publishing.....	4,903	21.8	12.3	65.9
Slaughtering and meat packing.....	12,265	1.3	12.4	86.4
Smelting and refining, zinc.....	1,908	2.4	5.0	92.5
All other industries.....	11,277	16.5	8.4	75.1

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

INDUSTRY.	WAGE EARNERS. *			
	Average number.	Per cent of total.		
		16 years of age and over.	Under 16 years of age.	
		Male.	Female.	
All industries.....	44,215	91.9	7.5	0.5
Bread and other bakery products.....	900	31.8	17.2	1.0
Brick and tile.....	1,819	99.9		0.1
Butter, cheese, and condensed milk.....	348	87.4	12.4	0.3
Cars and general shop construction and repairs by steam-railroad companies.....	7,686	100.0		(¹)
Cement.....	2,143	100.0		
Flour-mill and gristmill products.....	2,360	98.2	0.9	0.8
Foundry and machine-shop products.....	2,110	100.0		
Glass.....	1,435	96.1	3.3	0.6
Lumber and timber products.....	982	97.4	0.2	2.4
Petroleum, refining.....	324	98.8	0.9	0.3
Printing and publishing.....	3,232	67.1	31.2	1.7
Slaughtering and meat packing.....	10,591	92.5	7.4	0.1
Smelting and refining, zinc.....	1,821	100.0		
All other industries.....	8,464	88.8	15.0	1.2

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

For all industries combined, 91.8 per cent of the average number of wage earners were males 16 years of age and over; 7.6 per cent, females 16 years of age

and over; and five-tenths of 1 per cent, children under the age of 16. A large proportion of the total number of female wage earners was made up of those employed in the printing and publishing industry. In this industry nearly one-third of the total number of wage earners were women 16 years of age and over. A large number of women were employed in the slaughtering and meat-packing establishments, but on account of the large number of male wage earners employed in this industry, women formed only 7.4 per cent of the total number. No industry shows any considerable proportion of wage earners under 16 years of age, the lumber and timber products industry leading, with 2.4 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.....	54,649	100.0	42,057	100.0	29.9
Proprietors and firm members.....	3,571	6.5	2,706	6.6	23.1
Salaried employees.....	6,863	12.6	8,721	8.8	84.4
Wage earners (average number).....	44,215	80.9	35,570	84.6	24.3

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

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
Total.....	44,215	100.0	35,570	100.0	27,119	100.0
16 years of age and over.....	43,980	99.5	34,841	98.0	26,323	97.1
Male.....	40,643	91.9	32,138	90.4	24,378	89.9
Female.....	3,337	7.5	2,703	7.6	1,945	7.2
Under 16 years of age.....	235	0.5	729	2.0	796	2.9

This table indicates that for all industries combined there has been very little change during the 10 years in the proportions of adult male and female wage earners. In 1909 males 16 years of age and over formed 91.9 per cent of all wage earners, as compared with 90.4 per cent in 1904 and 89.9 per cent in 1899. The num-

ber and proportion of children employed show a continuous decrease.

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; it also gives the percentage which the number reported for each month is of the greatest number reported for any one month. In Table II, page 698, are shown, for practically all of the important industries of the state, the largest number and also the smallest number of wage earners reported for any month. The figures are for the 15th day, or the nearest representative day, of the month.

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	41,337	88.6	July.....	44,075	94.4
February.....	41,621	89.2	August.....	44,817	96.0
March.....	42,654	91.2	September.....	46,105	98.8
April.....	42,697	91.5	October.....	46,079	100.0
May.....	43,462	93.1	November.....	46,594	99.8
June.....	44,411	95.1	December.....	46,228	99.0

There are no important seasonal industries in Kansas, all of the more important industries showing comparatively little fluctuation in the number of wage earners

employed. The slaughtering and meat-packing industry shows very little change in the number of wage earners, considering the large number employed. From Table II, page 698, it will be seen that the smallest number of wage earners, 9,788, was employed in March, and the greatest number, 11,471, was employed in November. Among the less important industries, the manufacture of brick and tile may be mentioned as a seasonal industry. In this industry over 2,000 wage earners were employed from May to September, the greatest number, 2,175, being employed in June, while for January only 1,143, or 52.6 per cent of the number employed in June, were reported. In the glass industry, on the other hand, the summer months are the slack months, only 433 wage earners being employed in July, as compared with 2,033 in December.

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

INDUSTRY.	AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS GROUPED ACCORDING TO PREVAILING HOURS OF WORK PER WEEK.								
	Total.	48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	44,215	4,218	3,520	6,679	3,148	20,124	4,056	975	1,495
Agricultural implements.....	126	4		3	2	117			
Artificial stone.....	307	54		81	5	167			
Bread and other bakery products.....	900	85	9	153	22	477	58	73	23
Brick and tile.....	1,819	58	62	57		1,642			
Butter, cheese, and condensed milk.....	348	15		5	1	82	217	22	6
Carriages and wagons and materials.....	246	2		76	24	144			
Cars and general shop construction and repairs by steam-railroad companies.....	7,686	336		3,003		3,519			
Cement.....	2,143					308	1,366		469
Clothing, men's, including shirts.....	408	151	32	82	66	77			
Confectionery.....	135	12	3	12		107	1		
Cooperage and wooden goods, not elsewhere specified.....	162	48		20	54	40			
Copper, tin, and sheet-iron products.....	222	86	4	57	23	52			
Flour-mill and gristmill products.....	2,360	131	32	17	6	1,131	282	639	122
Foundry and machine-shop products.....	2,110	12	9	620	275	1,171	23		
Furniture and refrigerators.....	357	15		22	13	307			
Glass.....	1,435	831	126	166	39	273			
Ice, manufactured.....	593	10			1	65	140	75	302
Leather goods.....	339	2		6	180	151			
Lumber and timber products.....	982	42	3	134	321	482			
Marble and stone work.....	288	54	1	41	11	181			
Mattresses and spring beds.....	158	21	2		105	30			
Paint and varnish.....	104	1		5	17	1			80
Paper and wood pulp.....	97					51		21	25
Patent medicines and compounds and druggists' preparations.....	63	14	15	19	2	13			
Pottery, terra-cotta, and fire-clay products.....	228				34	194			
Printing and publishing.....	3,232	1,264	184	720	608	442	8	5	1
Salt.....	451	13				281	40	117	
Slaughtering and meat packing.....	10,591	371	2,941	834		6,442			3
Smelting and refining, zinc.....	1,821	216			295	184	879		247
Tobacco manufactures.....	415	259	10	52	6	88			
Wall plaster.....	170					170			
All other industries.....	3,919	111	87	494	1,038	1,735	214	23	217

It is evident from these figures that for nearly half of the wage earners employed in the manufacturing industries of Kansas the usual hours of labor were

60 a week, and that in the larger number of the industries employment was confined mainly to hours ranging from 54 to 60 a week, only 17.5 per cent of the total

being employed in establishments where the prevailing hours were less than 54 a week, and 14.8 per cent in establishments where they were more than 60 a week.

It will be noted that in the butter, cheese, and condensed-milk, manufactured-ice, and cement industries the employment was confined mainly to a week of 60 to 72 hours, inclusive, while in the glass and tobacco factories the largest number of wage earners were employed in establishments in which the prevailing hours of labor were 48 or less a week.

Location of establishments.—The next table shows the extent to which the manufactures of Kansas are centralized in cities of 10,000 population or over. (See Introduction.) The comparison is confined here, as in other states, to the years 1899 and 1909, in the absence of a Federal census of population by which the grouping of cities in 1904 could be determined.

ITEM.	Year.	Total.	LOCATION OF ESTABLISHMENTS.		PER CENT OF TOTAL.	
			In cities with population of 10,000 and over.	Outside districts.	In cities with population of 10,000 and over.	Out-side districts.
Population	1910	1,690,949	303,843	1,387,106	18.0	82.0
	1900	1,470,495	187,605	1,282,890	12.8	87.2
Number of establishments.	1909	3,435	1,043	2,392	30.4	69.6
	1899	2,299	613	1,686	26.7	73.3
Average number of wage earners.	1909	44,215	26,234	17,981	59.3	40.7
	1899	27,119	16,790	10,329	61.9	38.1
Value of products..	1909	\$325,104,002	\$228,974,952	\$96,129,050	70.4	29.6
	1899	154,008,544	100,861,326	53,147,218	65.5	34.5
Value added by manufacture.	1909	66,220,296	39,165,093	27,055,203	59.1	40.9
	1899	33,270,867	18,371,347	14,899,520	55.2	44.8

In 1909, 70.4 per cent of the total value of products was reported from cities having 10,000 inhabitants or over, and 59.3 per cent of the average number of wage earners were employed in such cities. In every item covered by the table, with the exception of average number of wage earners, this class of cities shows an increase in relative importance during the decade.

Kansas City, Wichita, Topeka, Leavenworth, Atchison, Pittsburg, Fort Scott, and Lawrence are included in the city group for each of the two censuses. Galena is included for 1899 only; Hutchinson, Coffeyville, Parsons, and Independence for 1909 only.

The population of the 13 cities which had 10,000 inhabitants or over in 1910 or 1900 is given in the following tabular statement:

CITY.	1910	1900	CITY.	1910	1900
Kansas City	82,331	51,418	Coffeyville	12,687	4,953
Wichita	52,450	24,671	Parsons	12,463	7,682
Topeka	43,684	33,608	Lawrence	12,374	10,862
Leavenworth	19,363	20,735	Independence	10,480	4,851
Atchison	16,429	15,722	Fort Scott	10,463	10,322
Hutchinson	16,364	9,379	Galena	6,096	10,155
Pittsburg	14,755	10,112			

The following statement shows general statistics for 1909 and 1899 for Galena, which had a population in 1900 in excess of 10,000, but which fell below this figure in 1910, and therefore is not included in the city group, but in the districts outside, for 1909 in the table showing location of establishments.

ITEM.	1909	1899
Population	16,096	210,155
Number of establishments	19	19
Wage earners (average number)	153	114
Value of products	\$972,044	\$420,991
Value added by manufacture	217,530	104,687

¹ In 1910.

² In 1900.

While the population of Galena has decreased, the number of establishments was the same in 1909 as in 1899. The average number of wage earners, value of products, and value added by manufacture increased during the decade; the last two items more than doubled. The leading industries in 1909 were foundries and machine shops and the smelting and refining of lead.

The relative importance in manufactures of each of the 12 cities having a population of 10,000 or over in 1910 is shown in the following table, in which the value of products and the average number of wage earners are shown separately, so far as available, for 1909, 1904, and 1899:

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1909	1904	1899	1909	1904	1899
Kansas City	12,294	10,529	9,483	\$164,080,607	\$96,473,050	\$30,023,107
Wichita	2,783	1,262	863	22,564,293	7,389,844	3,329,097
Topeka	4,244	3,953	2,874	17,820,761	14,443,869	8,356,774
Leavenworth	1,311	1,321	1,141	4,875,568	4,151,767	3,251,460
Coffeyville	1,069	(¹)	(¹)	4,751,595	(¹)	(¹)
Atchison ²	824	798	683	4,404,813	3,829,272	2,093,469
Hutchinson	667	510	536	3,613,950	2,031,048	1,541,148
Pittsburg ²	972	919	882	1,816,866	1,493,946	1,453,850
Lawrence	422	402	461	1,653,488	658,254	1,238,926
Parsons	1,130	(¹)	(¹)	1,626,272	(¹)	(¹)
Fort Scott ²	268	244	389	1,010,033	785,672	713,652
Independence	252	(¹)	(¹)	756,706	(¹)	(¹)

¹ Figures not available.

² Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

Each city for which comparative figures are given shows an increase in value of products from 1904 to 1909, and all but Lawrence an increase from 1899 to 1904. The percentages of increase for Kansas City and Wichita were much greater from 1904 to 1909 than for the earlier period. The greatest gain, over 200 per cent, is shown for Wichita, and was due largely to the increase in the slaughtering and meat-packing, and the flour-mill and gristmill industries, though there was a general growth in most of the other industries of the city. The next largest increase, 151.2 per cent, is shown for Lawrence. The abandonment of a large flour mill was largely responsible for the decrease of 46.9 per cent from 1899 to 1904 in the value of products for

this city, but during the last five years the flour-mill and gristmill industry shows a remarkable gain, and the city an increase of 33.5 per cent for the decade.

Kansas City was the leading manufacturing city of the state in 1909, with products valued at 50.5 per cent of the state total. The products of the slaughtering and meat-packing industry alone contributed 90.5 per cent of the total value of products for this city, and 89.8 per cent of the state total for this one industry. In addition to the foundries and machine shops, statistics for which are shown separately in Table I, page 696, two other industries, the flour-mill and gristmill products industry and the manufacture of soap, are important in the city, but the statistics for them can not be shown without disclosing the operations of individual establishments. Each of these three industries had products valued at more than \$1,000,000. Kansas City had 11 industries other than those mentioned above or shown in Table I, which reported products having a value in excess of \$100,000. They are the manufacture of agricultural implements, creamery products, illuminating and heating gas, grease and tallow, ice, lumber and timber products, the refining of petroleum, steam-railroad repair shops, the construction of steam-railroad cars other than by railroad companies, and the manufacture of cotton goods and of sulphuric, nitric, and mixed acids.

Slaughtering and meat packing was by far the most important industry in Wichita, but the figures for the industry can not be shown separately, since to do so would lead to the disclosure of individual operations. Both the number of wage earners and the value of products were practically four times as great in 1909 as in 1904. Other important industries, for which comparative figures are presented in Table I, page 697, were the flour-mill and gristmill, lumber and timber products, printing and publishing, bakery, patent medicine and compound, and foundry and machine-shop industries, all of which, except the lumber and timber products industry, show increases of over 100 per cent from 1904 to 1909 in value of products. Some of the more important industries included under the head of "All other industries" for Wichita are the manufacture of men's clothing, copper, tin, and sheet-iron products, and food preparations.

Topeka is the only other important manufacturing city in the state, and nearly 80 per cent of its value of products in 1909 was contributed by five industries, each of which reported products valued at over \$1,000,000, namely, the creameries, the steam-railroad repair shops, the flour mills and gristmills, printing and publishing, and slaughtering and meat packing.

In most of the other cities shown in the table, the flour mills and gristmills constituted the predominating industry, contributing from one-fourth to one-half, approximately, of the total value of products in each city except Parsons and Pittsburg. The principal manufacturing industry in these two cities was the steam-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 figures are given covering the censuses of 1909 and 1904. Comparative data for 1899 are not available. Figures for 1909 only are presented for several important industries individually. In order to avoid disclosing the operations of individual concerns it is necessary to omit several important industries from this table and the one following.

The most important distinction shown is that between corporate and all other forms of ownership. For all industries combined, 21 per cent of the total number of establishments were in 1909 under corporate ownership, as against 79 per cent under all other forms. The corresponding figures for 1904 were 18.3 per cent and 81.7 per cent, respectively. In respect to value of products the conditions were reversed, as in 1909 the establishments operated by corporations reported 87.9 per cent of the total value, as against 12.1 per cent for those under all other forms of ownership. In 1904 the corresponding figures were 83 per cent and 17 per cent, respectively. The greatest decrease from 1904 to 1909 in proportion of the total number of establishments is shown for those operated by firms. They formed only 19.6 per cent of the total in 1909, as compared with 23.8 per cent in 1904.

The forms of ownership prevailing in the different industries varied considerably. In six of the eight industries shown separately the most common form of ownership was the individual. The largest percentages of establishments under corporate ownership are found in the brick and tile and the slaughtering and meat-packing industries. In the foundry and machine-shop industry 43.8 per cent of the establishments were under the individual form of ownership and 42.3 per cent under corporate ownership. Among the important industries not shown in the table, all of the establishments engaged in the manufacture of cement, in the smelting and refining of zinc, and in the refining of petroleum were under the corporate form of ownership, and all but 6 of the 23 glass factories reported were under this form of ownership.

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:					Flour-mill and gristmill products, 1909				
1909.....	3,435	44,215	\$325,104,002	\$66,220,296	Individual.....	501	2,360	\$68,476,410	\$8,037,577
1904.....	2,475	35,570	198,244,992	41,735,043	Firm.....	226	392	8,252,272	1,152,047
Individual:					Corporation.....	138	390	10,002,932	1,355,501
1909.....	2,006	5,755	22,694,827	8,584,686	Other.....	134	1,576	50,174,354	5,522,140
1904.....	1,409	4,345	16,224,123	5,639,298	Per cent of total.....	3	2	46,852	7,839
Firm:					Individual.....	100.0	100.0	100.0	100.0
1909.....	674	2,477	16,475,076	4,396,248	Individual.....	45.1	16.6	12.1	14.3
1904.....	588	2,819	17,218,989	4,443,561	Firm.....	27.5	16.5	14.6	16.9
Corporation:					Corporation.....	26.7	66.8	73.3	68.7
1909.....	723	35,938	285,637,061	53,119,869	Other.....	0.6	0.1	0.1	0.1
1904.....	454	28,348	164,565,576	31,598,880	Foundry and machine-shop products, 1909				
Other:					Individual.....	137	2,110	\$5,919,379	\$2,885,182
1904.....	32	45	297,038	119,493	Firm.....	60	279	590,822	355,536
1909.....	24	58	236,304	53,804	Corporation.....	19	93	361,880	185,675
Per cent of total:					Corporation.....	58	1,738	4,966,637	2,343,971
1909.....	100.0	100.0	100.0	100.0	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0	Individual.....	43.8	13.2	10.0	12.3
Individual:					Firm.....	13.9	4.4	6.1	6.4
1909.....	58.4	13.0	7.0	13.0	Corporation.....	42.3	82.4	83.9	81.2
1904.....	56.9	12.2	8.2	13.5	Lumber and timber products, 1909				
Firm:					Individual.....	73	982	\$3,244,265	\$1,172,499
1909.....	19.6	5.6	5.1	6.6	Individual.....	37	151	357,347	185,720
1904.....	23.8	7.9	8.7	10.6	Firm.....	24	231	556,481	281,728
Corporation:					Corporation.....	12	600	2,320,437	705,051
1909.....	21.0	81.3	87.9	80.2	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	18.3	79.7	83.0	75.7	Individual.....	50.7	15.4	11.0	15.8
Other:					Firm.....	32.9	23.5	17.5	24.0
1909.....	0.9	0.1	0.1	0.2	Corporation.....	16.4	61.1	71.5	60.1
1904.....	1.0	0.2	0.1	0.1	Printing and publishing, 1909				
Bread and other bakery products, 1909					Individual.....	798	3,232	\$7,008,865	\$4,719,059
Individual.....	435	900	\$3,432,564	\$1,443,491	Individual.....	590	1,908	4,077,306	2,658,120
Individual.....	356	571	2,318,619	1,001,746	Firm.....	116	361	658,399	499,308
Firm.....	73	144	582,332	248,565	Corporation.....	69	933	2,180,163	1,480,928
Firm.....	6	185	531,613	193,180	Other.....	23	30	92,907	80,703
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.....	81.8	63.4	67.5	69.4	Individual.....	73.9	59.0	53.2	56.4
Firm.....	16.8	16.0	17.0	17.2	Firm.....	14.5	11.2	9.4	10.6
Corporation.....	1.4	20.6	15.5	13.4	Corporation.....	8.6	28.9	31.1	31.4
Brick and tile, 1909					Other.....	2.9	0.9	1.3	1.7
Individual.....	55	1,819	\$2,336,438	\$1,805,833	Slaughtering and meat packing, 1909				
Individual.....	5	17	24,380	17,603	Individual.....	35	10,591	\$165,360,618	\$17,714,526
Firm.....	8	59	63,640	57,525	Individual.....	12	64	608,127	104,867
Firm.....	42	1,743	2,248,418	1,730,505	Firm.....	5	15	311,802	60,652
Per cent of total.....	100.0	100.0	100.0	100.0	Corporation.....	18	10,512	164,440,587	17,549,007
Individual.....	9.1	0.9	1.0	1.0	Per cent of total.....	100.0	100.0	100.0	100.0
Firm.....	14.5	3.2	2.7	3.2	Individual.....	34.3	0.6	0.4	0.6
Corporation.....	76.4	95.8	96.2	95.8	Firm.....	14.3	0.1	0.2	0.3
Butter, cheese, and condensed milk, 1909					Corporation.....	51.4	99.3	99.4	99.1
Individual.....	60	348	\$8,070,834	\$1,120,121	Per cent of total.....	100.0	100.0	100.0	100.0
Individual.....	22	39	543,853	88,766	Individual.....	34.3	0.6	0.4	0.6
Firm.....	14	22	501,250	70,421	Firm.....	14.3	0.1	0.2	0.3
Firm.....	19	274	4,896,992	930,258	Corporation.....	51.4	99.3	99.4	99.1
Corporation.....	5	13	156,529	30,676					
Per cent of total.....	100.0	100.0	100.0	100.0					
Individual.....	36.7	11.2	9.0	7.9					
Firm.....	23.3	6.3	8.3	6.3					
Corporation.....	31.7	78.7	80.2	83.0					
Other.....	8.3	3.7	2.6	2.7					

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

This table shows that, in 1909, of the 3,435 manu-

facturing establishments in the state, only 34, or 1 per cent, had a value of products exceeding \$1,000,000. These establishments, however, employed an average of 16,220 wage earners, or 36.7 per cent of the total number in all establishments, and reported 62.9 per cent of the total value of products and 40 per cent of the total value added by manufacture. The comparatively low proportion of the total value added by manufacture reported is due to the fact that these establishments are largely slaughtering and meat-packing establishments and flour mills and grist-mills, whose value added by manufacture, as already stated, is not commensurate with their gross value of products.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:					Flour-mill and gristmill products, 1909				
1909.....	3,435	44,215	\$325,104,002	\$66,220,298	Less than \$5,000.....	110	37	287,371	\$6,994
1904.....	2,475	35,570	198,244,992	41,735,043	\$5,000 and less than \$20,000.....	144	127	1,542,628	300,015
Less than \$5,000:					\$20,000 and less than \$100,000.....	118	290	5,240,238	784,359
1909.....	1,045	1,634	3,567,954	2,386,459	\$100,000 and less than \$1,000,000.....	118	1,438	43,287,038	5,000,297
1904.....	1,211	1,569	2,741,307	1,795,911	\$1,000,000 and over.....	11	470	18,139,027	1,798,942
\$5,000 and less than \$20,000:					Per cent of total.....	100.0	100.0	100.0	100.0
1909.....	1,002	3,425	9,809,793	5,083,622	Less than \$5,000.....	22.0	1.6	0.4	0.8
1904.....	650	2,956	6,347,304	3,386,497	\$5,000 and less than \$20,000.....	28.7	5.4	2.3	3.7
\$20,000 and less than \$100,000:					\$20,000 and less than \$100,000.....	23.6	12.3	7.7	9.8
1909.....	491	7,411	21,493,918	9,596,074	\$100,000 and less than \$1,000,000.....	23.6	60.8	63.2	63.3
1904.....	403	6,240	17,441,913	7,259,125	\$1,000,000 and over.....	2.2	19.9	26.5	22.4
\$100,000 and less than \$1,000,000:					Average per establishment.....	5		\$136,679	\$16,043
1909.....	283	15,475	85,547,057	22,639,748	Foundry and machine-shop products, 1909				
1904.....	190	11,818	57,537,181	14,651,481	Less than \$5,000.....	137	2,110	\$5,919,379	\$2,885,182
\$1,000,000 and over:					Less than \$5,000.....	53	56	122,314	77,388
1909.....	34	16,220	204,385,280	29,514,323	\$5,000 and less than \$20,000.....	31	148	300,599	197,750
1904.....	21	12,687	114,177,287	14,762,020	\$20,000 and less than \$100,000.....	42	838	2,100,084	1,184,376
Per cent of total:					\$100,000 and less than \$1,000,000.....	11	1,068	3,396,382	1,425,668
1909.....	100.0	100.0	100.0	100.0	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	38.7	2.7	2.1	2.7
Less than \$5,000:					\$5,000 and less than \$20,000.....	22.6	7.0	5.1	6.9
1909.....	47.9	3.8	1.2	3.6	\$20,000 and less than \$100,000.....	30.7	39.7	35.5	41.0
1904.....	48.9	4.4	1.4	4.3	\$100,000 and less than \$1,000,000.....	8.0	50.6	57.4	49.4
\$5,000 and less than \$20,000:					Average per establishment.....	15		\$43,207	\$21,060
1909.....	29.2	7.7	3.0	7.7	Lumber and timber products, 1909				
1904.....	26.3	8.3	3.2	8.1	Less than \$5,000.....	73	982	\$3,244,265	\$1,172,499
\$20,000 and less than \$100,000:					Less than \$5,000.....	26	26	66,552	39,455
1909.....	14.3	16.8	6.6	14.5	\$5,000 and less than \$20,000.....	26	117	280,595	140,794
1904.....	16.3	17.5	8.8	17.4	\$20,000 and less than \$100,000.....	14	235	606,058	295,641
\$100,000 and less than \$1,000,000:					\$100,000 and less than \$1,000,000.....	7	604	2,291,080	690,309
1909.....	7.7	35.0	26.3	34.2	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	7.7	33.2	29.0	34.9	Less than \$5,000.....	35.6	2.6	2.1	3.4
\$1,000,000 and over:					\$5,000 and less than \$20,000.....	35.6	11.9	8.6	12.0
1909.....	1.0	36.7	62.9	40.0	\$20,000 and less than \$100,000.....	19.2	23.9	18.7	25.2
1904.....	0.8	36.5	57.6	35.4	\$100,000 and less than \$1,000,000.....	9.6	61.5	70.6	59.4
Average per establishment:					Average per establishment.....	13		\$44,442	\$10,062
1909.....	13		\$94,645	\$19,278*	Printing and publishing, 1909				
1904.....	14		\$80,099	16,863	Less than \$5,000.....	798	3,232	\$7,008,865	\$4,719,069
Bread and other bakery products, 1909					Less than \$5,000.....	580	765	1,326,582	1,060,250
Less than \$5,000.....	435	900	\$3,432,564	\$1,443,491	\$5,000 and less than \$20,000.....	167	853	1,470,956	1,167,373
Less than \$5,000.....	222	134	609,641	271,872	\$20,000 and less than \$100,000.....	42	741	1,555,717	1,055,809
\$5,000 and less than \$20,000.....	191	426	1,736,384	751,354	\$100,000 and less than \$1,000,000.....	9	873	2,655,610	1,435,727
\$20,000 and less than \$100,000.....	22	340	1,066,539	420,165	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	72.7	23.7	18.9	22.5
Less than \$5,000.....	51.0	14.9	17.8	18.8	\$5,000 and less than \$20,000.....	20.9	28.4	21.0	24.7
\$5,000 and less than \$20,000.....	43.9	47.3	50.6	52.1	\$20,000 and less than \$100,000.....	5.3	22.9	22.2	22.4
\$20,000 and less than \$100,000.....	5.1	37.8	31.7	29.1	\$100,000 and less than \$1,000,000.....	1.1	27.0	37.9	30.4
Average per establishment.....	2		\$7,891	\$3,318	Average per establishment.....	4		\$8,783	\$5,914
Brick and tile, 1909					Slaughtering and meat packing, 1909				
Less than \$5,000.....	55	1,819	\$2,336,438	\$1,805,633	Less than \$5,000.....	35	10,591	\$165,360,516	\$17,714,526
\$5,000 and less than \$20,000.....	8	17	12,856	9,753	\$5,000 and less than \$20,000.....	5	3	40,817	6,490
\$20,000 and less than \$100,000.....	9	80	69,739	46,095	\$20,000 and less than \$100,000.....	14	47	677,531	117,708
\$100,000 and less than \$1,000,000.....	34	1,372	1,688,629	1,304,597	\$100,000 and less than \$1,000,000.....	6	207	2,434,032	560,803
Per cent of total.....	100.0	100.0	100.0	100.0	\$1,000,000 and over.....	10	10,334	162,208,136	17,028,527
Less than \$5,000.....	14.5	0.9	0.6	0.5	Per cent of total.....	100.0	100.0	100.0	100.0
\$5,000 and less than \$20,000.....	16.4	4.4	3.0	2.6	\$5,000 and less than \$20,000.....	14.3	(¹)	(¹)	(¹)
\$20,000 and less than \$100,000.....	61.8	75.4	71.4	72.3	\$20,000 and less than \$100,000.....	40.0	0.4	0.4	0.2
\$100,000 and less than \$1,000,000.....	7.3	19.2	25.0	24.7	\$100,000 and less than \$1,000,000.....	17.1	2.0	1.5	3.2
Average per establishment.....	33		\$42,481	\$32,830	\$1,000,000 and over.....	28.6	97.6	98.1	96.1
Butter, cheese, and condensed milk, 1909					Average per establishment.....	303		\$4,724,586	\$506,129
Less than \$5,000.....	60	348	\$8,070,634	\$1,120,121	Per cent of total.....	100.0	100.0	100.0	100.0
Less than \$5,000.....	4	1	9,699	2,331	Less than \$5,000.....	40.0	0.4	0.4	0.2
\$5,000 and less than \$20,000.....	23	24	267,293	52,483	\$5,000 and less than \$20,000.....	17.1	2.0	1.5	3.2
\$20,000 and less than \$100,000.....	21	83	864,251	155,215	\$100,000 and less than \$1,000,000.....	28.6	97.6	98.1	96.1
\$100,000 and less than \$1,000,000.....	12	240	4,928,391	910,092	Average per establishment.....	303		\$4,724,586	\$506,129
Per cent of total.....	100.0	100.0	100.0	100.0					
Less than \$5,000.....	6.7	0.3	0.2	0.2					
\$5,000 and less than \$20,000.....	38.3	6.9	4.4	4.7					
\$20,000 and less than \$100,000.....	35.0	23.8	14.2	13.9					
\$100,000 and less than \$1,000,000.....	20.0	69.0	81.2	81.2					
Average per establishment.....	6		\$101,177	\$18,669					

¹ Includes the group "\$100,000 and less than \$1,000,000."
² Includes the group "\$1,000,000 and over."

³ Includes the group "Less than \$5,000."
⁴ Less than one-tenth of 1 per cent.

On the other hand, the very small establishments—that is, those having a value of products of less than \$5,000—constituted a considerable portion (47.9 per cent) of the total number of establishments, but the value of their products amounted to only 1.2 per cent of the total. The great bulk of the manufacturing was carried on in establishments having products valued at not less than \$100,000. It will be seen from the above table that during the five years from 1904 to 1909 there was a considerable increase in the relative importance, as measured by value of products, of the

largest establishments—those reporting products of not less than \$1,000,000 in value—and a corresponding decrease in the relative importance of the other classes, the largest decrease being shown for the establishments reporting products valued at \$100,000 but less than \$1,000,000.

The fact that between 1904 and 1909 the average value of products per establishment increased from \$80,099 to \$94,645, and the average value added by manufacture from \$16,863 to \$19,278, can not be taken as the result of concentration alone. The increased

values shown may be, and probably are, due in part to the increase that has taken place in the prices of commodities. The average number of wage earners per establishment decreased from 14 to 13.

In all the industries shown separately in the table, with the exception of the bakeries, the brick and tile industry, and printing and publishing the bulk of the value of products was contributed by the establishments having a value of products in excess of \$100,000.

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 13 important industries individually, and gives not only the number of establishments in 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.....	3,435	546	2,152	440	160	70	41	14	7	5
Bread and other bakery products.....	435	97	311	24	2	12	1			
Brick and tile.....	55		10	8	25					
Butter, cheese, and condensed milk.....	60	5	41	11	2	1				
Cars and general shop construction and repairs by steam-railroad companies.....	23			2	2		7		3	1
Cement.....	12			1	1		3		3	1
Flour-mill and gristmill products.....	501	97	293	87	21	3				
Foundry and machine-shop products.....	137	18	55	39	15	4	6			
Glass.....	23		3	1	7		5			
Lumber and timber products.....	73	7	38	18	5		2			
Petroleum, refining.....	18		7	4	6		1			
Printing and publishing.....	798	154	544	79	14	6		1		
Slaughtering and meat packing.....	35	1	16	3	5		2	1	3	4
Smelting and refining, zinc.....	12				2		7		1	
All other industries.....	1,253	167	834	163	53	26	8	2		
AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	44,215	4,275	4,731	5,033	4,798	6,374	4,820	5,072	9,112	
Bread and other bakery products.....	900	524	198	75		103				
Brick and tile.....	1,819	23	84	861	851					
Butter, cheese, and condensed milk.....	348	81	122	58	87					
Cars and general shop construction and repairs by steam-railroad companies.....	7,686		24	73	139	1,096	2,393	2,116	1,845	
Cement.....	2,143		15	26	222	511	810	550		
Flour-mill and gristmill products.....	2,360	541	1,005	612	202					
Foundry and machine-shop products.....	2,110	108	443	459	244	856				
Glass.....	1,435	5	6	240	532	652				
Lumber and timber products.....	982	87	197	159	184	355				
Petroleum, refining.....	324	21	48	161	94					
Printing and publishing.....	3,232	1,195	796	432	416		393			
Slaughtering and meat packing.....	10,591	37	21	198		297	365	2,406	7,267	
Smelting and refining, zinc.....	1,821			76	160	1,290	295			
All other industries.....	8,464	1,653	1,772	1,603	1,667	1,214	555			
PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	100.0	9.7	10.7	11.4	10.9	14.4	10.9	11.5	20.6	
Bread and other bakery products.....	100.0	58.2	22.0	8.3		11.4				
Brick and tile.....	100.0	1.3	4.6	47.3	46.8					
Butter, cheese, and condensed milk.....	100.0	23.3	35.1	16.7	25.0					
Cars and general shop construction and repairs by steam-railroad companies.....	100.0		0.3	0.9	1.8	14.3	31.1	27.5	24.0	
Cement.....	100.0		0.7	1.2	10.4	23.8	38.2	25.7		
Flour-mill and gristmill products.....	100.0	22.9	42.6	25.9	8.6					
Foundry and machine-shop products.....	100.0	5.1	21.0	21.8	11.6	40.6				
Glass.....	100.0	0.3	0.4	16.7	37.1	45.4				
Lumber and timber products.....	100.0	8.9	20.1	16.2	18.7	36.2				
Petroleum, refining.....	100.0	6.5	14.8	49.7	29.0					
Printing and publishing.....	100.0	37.0	24.6	13.4	12.9		12.2			
Slaughtering and meat packing.....	100.0	0.3	0.2	1.9		2.8	3.4	22.7	68.6	
Smelting and refining, zinc.....	100.0			4.2	8.8	70.8	16.2			
All other industries.....	100.0	19.5	20.9	18.9	19.7	14.3	6.6			

Of the 3,435 establishments reported for all industries, 15.9 per cent employed no wage earners; 62.6 per cent, from 1 to 5; 12.8 per cent, from 6 to 20; and 4.7 per cent, from 21 to 50. The most numerous single group consists of the 2,152 establishments employing from 1 to 5 wage earners, and the next of the 546 establishments employing no wage earners. There were 26 establishments that employed over 250

wage earners each; 12 of these employed over 500 each, and 5 of them, 4 of which were engaged in slaughtering and meat packing, employed over 1,000 each.

Of the total number of wage earners, 43 per cent were in establishments employing over 250 wage earners each. The single group having the largest number of wage earners was the group comprising the establishments employing over 1,000 wage earners. This group

employed 9,112 wage earners, or 20.6 per cent of the total. Three of the industries listed in this table but not in the preceding one, namely, steam-railroad repair shops, the cement industry, and the smelting and refining of zinc, are industries in which comparatively large establishments did most of the business, as appears from the classification according to the number of wage earners.

Expenses.—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the cost of manufacture and profits. Facts of interest can, however, be brought out concerning the relative importance of the different classes of expenses which make up the total. The following table shows, for 1909, in percentages, the distribution of expenses among the classes indicated for all industries combined and for certain important industries separately. The figures on which the percentages are based appear in Table II, page 698.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
All industries.....	2.4	8.5	84.7	4.4
Bread and other bakery products.....	1.9	17.6	72.6	7.9
Brick and tile.....	7.5	48.7	28.4	15.5
Butter, cheese, and condensed milk.....	2.6	3.7	87.1	6.5
Cars and general shop construction and repairs by steam-railroad companies.....	5.5	46.2	46.7	1.7
Cement.....	8.3	35.1	40.2	16.5
Flour-mill and gristmill products.....	1.5	2.2	93.5	2.8
Foundry and machine-shop products.....	7.8	25.4	67.5	9.2
Glass.....	3.6	63.6	36.5	6.4
Lumber and timber products.....	4.3	18.3	70.2	7.2
Petroleum, refining.....	4.3	5.5	83.4	6.8
Printing and publishing.....	12.6	30.0	41.6	15.9
Slaughtering and meat packing.....	1.1	3.7	92.3	2.9
Smelting and refining, zinc.....	2.7	10.8	84.5	2.0
All other industries.....	6.1	17.6	63.9	12.4

The table shows that, for all industries combined, 84.7 per cent of the total expense was incurred for materials, 10.9 per cent for services—that is, salaries and wages—and but 4.4 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries.

Engines and power.—The next table shows, for all industries combined, the number of engines or other motors, according to their character, employed in generating power (including electric motors operated by purchased current), and their total horsepower 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.

The total primary power increased 113,700 horsepower, or 114.3 per cent, from 1904 to 1909, as compared with an increase of 31,199 horsepower, or 45.7 per cent, from 1899 to 1904.

Of the total increase in primary power during the decade, 114,089 horsepower, or 78.7 per cent, was

in that generated by steam. The more general use of gas engines is shown, the number of such engines reported increasing from 347 in 1899 to 1,080 in 1909, and the horsepower from 2,530 to 22,580. The figures show that the practice of renting power is on the increase. Rented electric power increased from 1,420 horsepower in 1899 to 11,809 in 1909. The use of electric motors for the purpose of applying the power generated within the establishments is also shown to be rapidly increasing, the horsepower of such motors having increased from 2,006 in 1899 to 7,842 in 1904 and 35,112 in 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 ¹	1909	1904	1899 ¹	1909	1904	1899 ¹
Primary power, total.....	4,036	1,745	1,838	213,141	99,441	68,242	100.0	100.0	100.0
Owned.....	2,433	1,745	1,838	200,579	96,601	66,659	94.1	97.1	97.7
Steam.....	1,244	1,038	1,301	169,607	83,039	55,518	79.6	83.5	81.4
Gas.....	1,080	510	347	22,580	6,923	2,530	10.6	7.0	3.7
Water wheels.....	89	110	190	7,484	6,290	7,521	3.5	6.3	11.0
Water motors.....	20	27	(?)	222	254	(?)	0.1	0.3	(?)
Other.....				686	95	1,090	0.3	0.1	1.6
Rented.....	1,603	(?)	(?)	12,562	2,840	1,583	5.9	2.9	2.3
Electric.....	1,603	(?)	(?)	11,809	2,484	1,420	5.5	2.5	2.1
Other.....				753	356	163	0.4	0.4	0.2
Electric motors.....	3,384	379	105	46,921	10,326	3,426	100.0	100.0	100.0
Run by current generated by establishment.....	1,781	379	105	35,112	7,842	2,006	74.8	75.9	58.6
Run by rented power.....	1,603	(?)	(?)	11,809	2,484	1,420	25.2	24.1	41.4

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

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

INDUSTRY.	Anthracite coal (tons).	Bituminous coal (tons).	Coke (tons).	Oil, including gasoline (barrels).	Gas (1,000 feet).
All industries.....	38,472	959,771	22,737	1,240,959	35,789,687
Bread and other bakery products.....	348	2,923	22	220	147,342
Brick and tile.....		45,896	90	35,468	6,425,747
Butter, cheese, and condensed milk.....		9,335		1,883	118,413
Cars and general shop construction and repairs by steam-railroad companies.....	120	283,122	412	35,953	473,472
Cement.....	1,786	2,000		204,129	12,573,989
Flour-mill and gristmill products.....	5,655	121,324	9	101,832	918,260
Foundry and machine-shop products.....	304	9,631	12,477	6,391	143,341
Glass.....				1,020	2,289,789
Ice, manufactured.....	4,721	57,443	125	15,208	1,366,227
Lumber and timber products.....	98	3,809		103	21,575
Petroleum, refining.....				68,426	1,414,995
Printing and publishing.....	93	3,405	6	1,138	71,209
Salt.....		23,030		47,885	1,687,594
Slaughtering and meat packing.....		203,730		517,451	395,895
Smelting and refining, zinc.....	25,318	94,512	7,462	41,460	7,056,571
All other industries.....	29	99,611	2,134	162,392	635,268

NOTE.—In addition, there were 6,248 cords of wood reported, of which 3,710 cords were used in the bread and other bakery products industry. There were also 1,303 tons of other varieties of fuel reported.

SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

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

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and cost of materials and the quantity and value of products and other information for securing which no provision is made on the general schedule. Certain data of this character for seven important industries in Kansas are here presented.

Slaughtering and meat packing.—The following tabular statement gives the quantity and cost of the different materials used and the quantity and value of the various products of the slaughtering and meat-packing establishments of the state at the censuses of 1909, 1904, and 1899:

MATERIAL OR PRODUCT.	1909	1904 ¹	1899
Materials used, total cost.....	\$147,645,990	\$85,145,905	\$87,908,960
Beeves slaughtered:			
Number.....	1,362,572	1,019,553	927,339
Cost.....	\$63,452,976	\$38,106,588	\$38,165,053
Calves slaughtered:			
Number.....	209,357	92,751	36,720
Cost.....	\$2,202,653	\$732,227	\$294,454
Sheep slaughtered:			
Number.....	1,136,027	771,813	636,832
Cost.....	\$5,186,825	\$2,826,354	\$2,297,746
Hogs slaughtered:			
Number.....	4,191,927	3,089,611	2,849,648
Cost.....	\$57,042,948	\$33,696,163	\$23,530,278
Dressed meat purchased.....	4,695,324	5,013,185	683,879
Fuel and rent of power.....	764,087	667,683	338,707
All other materials.....	14,301,177	4,103,700	2,598,783
Products, total value.....	\$165,360,516	\$96,375,639	\$77,411,883
Beef, fresh:			
Pounds.....	686,615,803	509,978,750	451,975,433
Value.....	\$52,129,824	\$30,531,565	\$31,030,096
Beef, salted or cured:			
Pounds.....	7,318,060	11,144,304	8,967,600
Value.....	\$491,886	\$473,961	\$540,960
Veal, fresh:			
Pounds.....	25,731,826	9,737,824	3,869,293
Value.....	\$2,343,974	\$647,788	\$282,981
Mutton, fresh:			
Pounds.....	43,884,755	30,246,693	24,309,545
Value.....	\$4,448,666	\$2,167,136	\$1,894,220
Pork, fresh:			
Pounds.....	150,199,802	81,016,571	86,242,483
Value.....	\$5,782,643	\$5,782,159	\$5,069,007
Pork, salted or cured:			
Pounds.....	364,998,556	303,954,794	275,866,897
Value.....	\$40,924,199	\$27,763,228	\$19,411,946
Sausage, fresh or cured.....	\$2,863,461	\$1,814,777	\$1,469,400
All other fresh meat:			
Pounds.....	8,465,481	5,343,167	6,489,044
Value.....	\$583,181	\$200,693	\$412,267
Canned goods:			
Pounds.....	17,891,713	(²)	14,034,995
Value.....	\$1,879,568	\$2,153,360	\$1,341,215
Lard:			
Pounds.....	148,408,252	132,557,097	116,003,884
Value.....	\$10,748,155	\$9,561,473	\$6,225,499
Tallow and oleo stock:			
Pounds.....	21,794,761	(²)	(²)
Value.....	\$1,656,288	(²)	(²)
Oleo oil:			
Gallons.....	3,590,372	1,611,428	1,928,813
Value.....	\$2,995,219	\$809,945	\$1,204,905
Oleomargarine:			
Pounds.....	9,094,534	(²)	(²)
Value.....	\$1,187,779	(²)	(²)
Stearine:			
Pounds.....	7,528,036	(²)	(²)
Value.....	\$1,043,574	(²)	(²)
Fertilizers and fertilizer materials:			
Tons.....	62,515	22,721	26,118
Value.....	\$1,383,390	\$538,174	\$504,080
Hides:			
Number.....	1,449,534	1,063,512	900,732
Pounds.....	79,719,102	58,858,924	50,421,335
Value.....	\$10,904,415	\$5,828,692	\$5,556,195
Pelts:			
Number.....	1,117,653	751,595	(²)
Value.....	\$1,334,782	\$729,496	(²)
All other products, including custom or contract work.....	\$8,684,512	\$7,313,192	\$2,469,112

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

There were 343,019, or 33.6 per cent, more beeves slaughtered in 1909 than in 1904; 116,606, or 125.7

per cent, more calves; 364,209, or 47.2 per cent, more sheep; and 1,102,316, or 35.7 per cent, more hogs. The average cost per head for each was higher in 1909 than in 1904. The amount of beef sold fresh increased 176,637,053 pounds, or 34.6 per cent, from 1904 to 1909, as compared with 58,003,317 pounds, or 12.8 per cent, from 1899 to 1904. The amount of pork sold fresh increased 69,183,231 pounds, or 85.4 per cent, from 1904 to 1909, but decreased 5,225,912 pounds, or 6.1 per cent, from 1899 to 1904, while the amount of salt pork and cured pork increased 61,043,762 pounds, or 20.1 per cent, from 1904 to 1909, as compared with 28,587,897 pounds, or 10.4 per cent, from 1899 to 1904. Mutton and veal also show large increases both in quantity and value from 1904 to 1909.

Flour-mill and gristmill products.—In the value of the products of its flour mills and gristmills Kansas advanced from tenth place in 1899 to third place in 1904 and 1909. In both 1909 and 1904 the state ranked second in the quantity and value of wheat flour produced, Minnesota ranking first. The rapid development of the industry in the state is shown in the following tabular statement, which gives the quantity and value of the different products for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value.....	\$68,476,410	\$42,034,019	\$21,328,747
Wheat flour:			
White—			
Barrels.....	10,858,960	7,609,605	5,008,764
Value.....	\$52,457,409	\$32,532,016	\$15,015,978
Graham—			
Barrels.....	28,784	23,810	(¹)
Value.....	\$132,504	\$95,349	(¹)
Corn meal and corn flour:			
Barrels.....	576,941	605,413	1,131,395
Value.....	\$1,767,903	\$1,292,243	\$1,574,810
Rye flour:			
Barrels.....	5,745	14,604	17,041
Value.....	\$26,938	\$54,900	\$44,720
Buckwheat flour:			
Pounds.....	407,855	770,982	706,019
Value.....	\$11,768	\$21,478	\$26,245
Barley meal:			
Pounds.....	43,000	480,000	10,800
Value.....	\$628	\$3,840	\$134
Hominy and grits:			
Pounds.....	22,900,765	9,882,030	4,671,000
Value.....	\$332,836	\$118,146	\$37,964
Feed:			
Tons.....	239,392	179,451	251,809
Value.....	\$5,693,672	\$3,196,104	\$3,178,466
Offal:			
Tons.....	381,554	323,042	175,131
Value.....	\$7,753,222	\$4,682,886	\$1,440,861
All other products.....	\$300,532	\$37,057	\$9,569

¹ Not reported separately.

Of the total value of products reported for this industry in 1909, the value of white flour, amounting to \$52,457,409, formed 76.6 per cent, and the value of offal, the principal part of which is the by-product in the manufacture of wheat flour, 11.3 per cent. The value of feed amounted to \$5,693,672, or 8.3 per cent of the total, and that of corn meal and corn flour to \$1,767,903, or 2.6 per cent of the total.

During the earlier period, 1899-1904, the output of white flour increased 2,600,841 barrels, or 51.9 per cent, and its value increased \$17,516,038, or 116.6

per cent. From 1904 to 1909 the output increased 3,249,355 barrels, or 42.7 per cent, while its value increased \$19,925,393, or 61.2 per cent. It may be seen, therefore, that the remarkable increases in value are due not altogether to the greater production of wheat flour in the state but partly to a general advance in prices. Offal has more than doubled in quantity during the decade, while its value in 1909 was more than five times that reported for 1899. Feed, ground largely from corn, shows a slight decrease in quantity during the decade as a whole, but a considerable increase in value. Corn meal and corn flour shows a decrease in quantity for each of the five-year periods and a decrease in value for the first five-year period. Hominy and grits show the greatest percentage of increase for the decade of any of the grain products shown separately, both in quantity and in value.

The principal equipment of the mills in 1909 consisted of 4,066 pairs of rolls, and 253 runs of stone. There were eight establishments which manufactured barrels, and four establishments which manufactured sacks.

Printing and publishing.—While the newspaper and periodical branch of the printing and publishing industry in Kansas does not show much growth during the last decade when measured by the number of publications, there was a very decided gain when the industry is measured by the aggregate circulation per issue, as shown by the following table:

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
Total.....	738	727	692	2,703,594	1,613,758	1,144,320
Daily.....	72	65	53	250,050	155,398	105,348
Sunday.....	6	5	8	88,044	60,500	(¹)
Semiweekly and triweekly	11	16	4	15,155	42,624	20,840
Weekly.....	605	600	563	1,403,032	1,015,146	653,507
Monthly.....	30	35	51	932,288	319,425	321,050
All other classes.....	6	6	13	15,025	20,795	43,676

¹ Included in circulation of dailies.

The daily, weekly, and Sunday publications show increases in number from 1904 to 1909, while the semiweeklies and triweeklies and the monthlies show decreases. Semiweekly and triweekly publications constitute the only class, other than those included under the head of "All other classes," which shows a decrease in the aggregate circulation per issue since 1904. The aggregate circulation per issue for all newspapers and periodicals published was 2,703,594 in 1909, as compared with 1,613,758 in 1904, an increase of 1,089,836, or 67.5 per cent. The circulation of the daily publications increased 94,682, or 60.9 per cent; that of the Sunday publications, 27,544, or 45.5 per cent; that of the weeklies, 387,886, or 38.2 per cent; and that of the monthlies, 612,863, or 191.9 per cent, while the circulation of the semiweeklies and triweeklies decreased 27,369, or 64.4 per cent. It will be noted

that the weeklies have over one-half of the aggregate circulation per issue for the state.

The 78 daily and 6 Sunday papers were all printed in English. Of the weeklies, 7 were printed in German, 2 in German and English, 1 in Italian, and 1 in Swedish. One monthly was published in Russian and 1 quarterly in German.

Butter, cheese, and condensed milk.—The number of establishments engaged in the manufacture of butter, cheese, and condensed milk decreased from 171 in 1899 to 60 in 1909. This decrease is due to the discontinuance of cheese factories and also to a change in the manner of conducting the butter industry. Many of the small local creameries which were in operation in 1899 have been abandoned and central plants established in the large places. This decrease in the number of establishments, however, has been accompanied by large increases in the quantity and value of creamery products. The following table presents the statistics for the products of the industry for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value.....	\$8,070,834	\$3,946,349	\$3,652,530
Butter:			
Packed solid—			
Pounds.....	10,659,510	8,728,216	15,299,548
Value.....	\$2,799,281	\$1,731,584	\$2,650,731
Prints and rolls—			
Pounds.....	8,053,058	7,759,915	2,896,935
Value.....	\$2,198,522	\$1,624,180	\$574,587
Cream sold:			
Pounds.....	520,802	168,392	920,138
Value.....	\$33,233	\$13,374	\$53,395
All other products ¹	\$989,498	\$577,211	\$373,817

¹ Includes value of cheese and condensed milk, to avoid disclosure of individual operations.

The value of all creamery products increased \$2,124,285, or 53.8 per cent, from 1904 to 1909, as compared with \$293,819, or 8 per cent, from 1899 to 1904. As in many other industries, the increases in value were much greater than those in quantity. From 1904 to 1909 butter packed solid increased 22.1 per cent in quantity and 61.7 per cent in value; butter in prints and rolls increased 3.8 per cent in quantity and 35.4 per cent in value; and cream sold increased more than 200 per cent in quantity and more than 500 per cent in value. A much larger quantity of butter was made into prints and rolls in 1909 and 1904 than in 1899. The value of butter in prints and rolls represented 44 per cent of the total value of the butter product in 1909, 48.4 per cent in 1904, and 17.8 per cent in 1899, while solid packed butter represented 56 per cent in 1909, 51.6 per cent in 1904, and 82.2 per cent in 1899. Under "All other products" are included not only the products of the one cheese factory and the one condensed-milk factory reporting, but also such items as casein, whey, buttermilk, and skim milk. In 1909 only 26 cream separators were reported, as compared with 133 in 1904 and 474 in 1899.

Petroleum, refining.—The following tabular statement shows the quantity of crude petroleum used and the quantities of the principal products for 1909:

MATERIAL OR PRODUCT.	1909
Crude petroleum used (barrels, 42 gallons)	4,063,270
Oils:	
Illuminating (barrels, 50 gallons)	704,845
Fuel (barrels, 50 gallons)	2,071,210
Lubricating (barrels, 50 gallons)	82,566
Greases, lubricating, etc. (barrels, 50 gallons)	1,945
Naphtha and gasoline (barrels, 50 gallons)	387,874
Paraffin wax (barrels, 50 gallons)	3,171

Kansas ranked tenth among the states in this industry in 1909. Establishments which purchase refined or partly refined petroleum products and mix or compound them with vegetable, animal, or mineral oils or other substances in order to produce a special composition, are not included in this classification. While in commerce crude petroleum is measured by barrels of 42 United States (Winchester) gallons, refined petroleum is measured by barrels of 50 United States gallons.

Glass.—This industry was not reported for the state at the census of 1899, but in 1904 products valued at \$958,720 were reported and Kansas held tenth place in the industry. In 1909 products to the value of \$2,036,573 were reported and the state had advanced to eighth place.

The following tabular statement gives the value of the different classes of products, together with the principal forms of equipment, as reported at the censuses of 1909 and 1904:

PRODUCT OR EQUIPMENT.	1909	1904
Product, total value.	\$2,036,573	\$958,720
Building glass	1,131,808	381,084
Pressed and blown glass	202,696	64,697
Bottles and jars	651,376	407,868
All other products	50,693	105,071
Equipment:		
Pot furnaces:		
Number	17	5
Pots, number	100	30
Tanks:		
Continuous—		
Number	19	7
Rings, number	276	64
Intermittent or day tanks—		
Number	6	
Capacity, tons	19	

In total value of products there was an increase during the five-year period amounting to \$1,077,853, or 112.4 per cent, due principally to the increase in the output of building glass. There were 4 establishments manufacturing building glass in 1904, with products valued at \$381,084, while in 1909 there were 11 establishments whose products were valued at \$1,131,808, an increase of \$750,724, or 197 per cent. In the output of building glass, as measured by value, the state rose from seventh place in 1904 to fourth place in 1909. The term "building glass" includes common window glass, plate glass, and all varieties of cast and rolled sheet glass, but in Kansas only com-

mon window glass was manufactured in 1909. Bottles and jars formed the most important class of products in 1904, but while the value of products increased from \$407,868 to \$651,376, or 59.7 per cent, in the five-year period, the proportion which it formed of the total for the industry fell from 42.5 per cent to 32 per cent. The value of pressed and blown glass increased \$137,999, or 213.3 per cent, from 1904 to 1909.

The cost of materials increased from \$355,093 in 1904 to \$671,744 in 1909. In the latter year 30,171 tons of glass sand, 4,248 tons of soda ash, 4,897 tons of salt cake, 5,672 tons of limestone, and 29,627 bushels of lime were used. The quantity of arsenic reported as used was 43,190 pounds; manganese, 34,260 pounds; litharge and red lead, 52,600 pounds; and potash, or pearlash, 26,256 pounds.

The number of furnaces reported in 1909 was 17, as compared with 5 in 1904. Nineteen continuous tank furnaces, with 276 rings, were reported in 1909, as compared with 7 tanks, with 64 rings, in 1904. There were no intermittent or day tank furnaces reported in 1904, but 6 tanks, with a capacity of 19 tons, were reported in 1909.

Cement.—There were 12 establishments in Kansas reported as engaged in the manufacture of cement in 1909, as compared with 4 in 1904. The following tabular statement presents the quantity and value of products reported for the industry at the census of 1909:

PRODUCT.	1909
Total value	\$4,681,625
Portland cement:	
Barrels	5,334,299
Value	\$3,792,764
All other products, including natural cement	\$888,861

The total value of all products in 1909 was \$4,681,625. Portland cement, of which 5,334,299 barrels were reported, was the most important product, and the value, \$3,792,764, formed 81 per cent of the total value of products reported for the industry. The other products include lime, limestone, and crushed rock sold by the concerns engaged primarily in the manufacture of cement, and also the comparatively small quantity of natural cement manufactured, as well as the value of barrels and bags used as containers.

The kilns were nearly all of the rotary type, there being 82 of this kind, with a total daily capacity of 28,300 barrels, as compared with 6 of the vertical type, having a daily capacity of 600 barrels. Only one establishment used coal for fuel, all the others using natural gas or oil.

Laundries.—Statistics for steam laundries are not included in the general tables or in the totals for manufacturing industries. There were 138 such establishments in the state of Kansas in 1909, 11 of which were in Wichita, 7 in Topeka, 6 in Kansas City, and 24 others

in cities having a population of over 10,000. The following statement summarizes the statistics:

Number of establishments.....	138
Persons engaged in the industry.....	1,751
Proprietors and firm members.....	168
Salaried employees.....	93
Wage earners (average number).....	1,490
Primary horsepower.....	1,958
Capital.....	\$1,026,904
Expenses.....	1,105,239
Services.....	633,752
Materials.....	285,734
Miscellaneous.....	185,753
Amount received for work done.....	1,485,967

The most common form of ownership was the individual, with 96 establishments. The firm and corporate forms of ownership were represented by 34 and 8 establishments, respectively. Forty-eight establishments had receipts for the year's business of less than \$5,000; 73, receipts of \$5,000 but less than \$20,000; and 17, 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.....	1,388	88.9	July.....	1,549	99.2
February.....	1,388	88.9	August.....	1,558	99.7
March.....	1,401	89.7	September.....	1,562	100.0
April.....	1,440	92.2	October.....	1,551	99.3
May.....	1,449	92.8	November.....	1,556	99.6
June.....	1,499	96.0	December.....	1,539	98.5

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

KIND.	Number of engines or motors.	Horsepower.
Primary power, total.....		1,958
Owned:		
Steam.....	107	1,525
Gas.....	27	256
Rented:		
Electric.....	21	107
Other.....		70
Electric motors:		
Run by current generated by establishment.....	5	43
Run by rented power.....	21	107

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

KIND.	Unit.	Quantity.
Bituminous coal.....	Tons.....	12,180
Oil.....	Barrels.....	1,568
Gas.....	1,000 feet.....	364,702

Custom sawmills and gristmills.—Statistics for custom sawmills and gristmills are not included in the general tables or in the totals for manufacturing industries. The statistics for custom gristmills are presented in the following summary. There was one small custom sawmill reported, but the statistics for it are omitted, in order not to disclose individual operations.

Number of establishments.....	39
Persons engaged in the industry.....	170
Proprietors and firm members.....	161
Wage earners (average number).....	9
Primary horsepower.....	911
Capital.....	\$129,366
Expenses.....	152,091
Services.....	3,046
Materials.....	¹ 146,087
Miscellaneous.....	2,958
Value of products.....	¹ 180,117

¹ Includes estimate of all grain ground.

STATISTICS OF MANUFACTURES.

695

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).							
STATE—All industries	1909	3,435	54,849	3,571	6,863	44,215	213,141	\$156,090	\$7,351	\$25,904	\$258,884	\$325,104	\$66,220
	1904	2,475	42,057	2,766	3,721	35,570	99,441	88,680	3,692	18,883	158,510	188,245	41,735
	1899	2,299			3,612	27,119	68,242	59,458	3,123	12,802	120,738	184,009	33,271
Agricultural implements.....	1909	18	181	13	42	128	434	563	44	74	162	369	207
	1904	7	146	9	32	105	255	629	36	52	205	395	190
	1899	4	27	10	6	11	22	20	1	2	11	18	7
Artificial stone.....	1909	207	584	258	19	307	349	413	15	102	297	688	391
	1904	23	87	42	5	40	47	63	2	18	25	56	31
	1899												
Bread and other bakery products.....	1909	435	1,488	508	80	900	598	1,306	51	483	1,989	3,433	1,444
	1904	298	974	310	38	626	318	752	37	304	1,005	1,862	857
	1899	174	609	187	42	380		325	16	139	518	979	461
Brick and tile.....	1909	55	1,978	28	131	1,819	9,827	3,930	140	911	531	2,336	1,805
	1904	65	1,974	65	109	1,800	7,240	3,473	117	841	444	1,907	1,403
	1899	67	1,021	67	49	905	2,274	755	29	314	156	724	568
Butter, cheese, and condensed milk.....	1909	60	568	55	165	348	2,544	1,776	151	211	4,951	6,071	1,120
	1904	90	604	88	102	414	2,531	1,993	75	188	3,256	3,946	690
	1899	171	598	106	97	395	3,302	1,140	41	107	3,062	3,653	591
Carriages and wagons and materials.....	1909	46	322	59	17	240	266	439	15	134	245	530	285
	1904	38	279	53	12	214	96	324	9	105	117	321	204
	1899	31			18	161		173	10	68	99	243	144
Cars and general shop construction and repairs by steam-railroad companies.	1909	23	8,319		633	7,686	10,390	9,607	614	5,173	5,219	11,193	5,974
	1904	23	6,449		253	6,196	2,748	3,042	230	3,930	7,241	11,521	4,290
	1899	37	5,767		175	5,592	2,840	2,932	168	3,476	3,071	6,817	3,746
Cement.....	1909	12	2,365		222	2,143	61,754	16,387	320	1,359	1,556	4,682	3,126
	1904	4	776		02	714	5,760	3,616	83	402	419	1,475	1,056
	1899												
Clothing, men's, including shirts.....	1909	16	480	12	60	408	130	354	46	118	332	629	297
	1904	9	264	5	27	232	29	219	19	67	240	400	160
	1899	7	13	11	13	189		136	7	33	78	140	62
Confectionery.....	1909	27	198	31	32	135	84	275	20	52	172	328	156
	1904	18	93	19	10	64	30	95	7	21	73	144	71
	1899	7			11	68		36	16	19	120	185	65
Cooperage and wooden goods, not elsewhere specified.	1909	12	185	11	12	162	447	385	13	78	333	504	171
	1904	12	240	21	12	207	300	278	10	95	373	538	163
	1899	9			8	222		180	5	95	189	399	210
Copper, tin, and sheet-iron products.....	1909	76	348	97	29	222	98	381	21	151	412	749	337
	1904	20	140	31	13	98	44	126	8	60	126	263	137
	1899	6			35			28		18	34	64	30
Flour-mill and gristmill products.....	1909	501	3,778	568	850	2,360	46,218	22,741	946	1,448	60,439	68,476	8,037
	1904	354	2,713	429	453	1,831	34,655	13,817	452	1,024	36,895	42,034	5,139
	1899	357			278	1,405	27,691	8,016	266	728	18,131	21,329	3,198
Foundry and machine-shop products.....	1909	137	2,805	107	388	2,110	4,364	6,791	413	1,343	3,034	5,919	2,885
	1904	90	1,820	107	146	1,567	2,348	2,886	153	920	1,614	3,489	1,875
	1899	101			118	1,276		2,484	123	731	1,489	2,852	1,363
Furniture and refrigerators.....	1909	17	415	10	48	357	960	527	53	215	236	616	380
	1904	12	298	11	22	265	636	306	25	111	181	426	245
	1899	10	260	10	30	220	506	243	22	73	142	302	160
Gas, illuminating and heating.....	1909	12	50	8	6	36	275	257	6	22	57	208	151
	1904	22	291	10	63	218	1,727	2,022	45	95	221	523	302
	1899	17	135		50	85	154	1,415	26	49	107	325	218
Glass.....	1909	23	1,511	7	69	1,435	1,031	1,769	65	986	672	2,037	1,365
	1904	9	745		27	718	452	591	29	447	355	959	604
Ice, manufactured.....	1909	86	789	45	151	593	14,636	4,209	129	380	342	1,460	1,118
	1904	44	337	33	67	237	5,569	1,373	55	145	141	585	444
	1899	19	152	18	20	114	2,142	426	13	55	56	196	140
Leather goods.....	1909	74	493	90	64	339	175	1,106	63	204	821	1,387	566
	1904	24	301	30	36	235	65	628	31	124	393	729	338
	1899	11			20	161		277	17	65	205	345	140
Lumber and timber products.....	1909	73	1,160	89	89	982	2,947	2,159	127	540	2,072	3,244	1,172
	1904	39	866	44	75	747	1,860	1,180	84	369	1,053	1,828	775
	1899	63			36	639		602	26	245	679	1,124	445
Marble and stone work.....	1909	82	477	123	66	288	576	535	56	184	385	954	569
	1904	26	309	40	36	233	296	308	29	126	156	494	338
	1899	11			12	141		63	9	83	11	140	129
Mattresses and spring beds.....	1909	14	209	17	34	168	297	345	35	79	218	462	244
	1904	12	154	13	17	124	245	187	12	48	121	270	149
	1899	8			10	79		55	6	28	80	147	57

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

STATISTICS OF MANUFACTURES.

697

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

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

INDUSTRY AND CITY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaries employees.	Wage earners (average number).							
Expressed in thousands.													
WICHITA—All industries.....	1909	225	3,699	198	718	2,783	6,908	\$9,849	\$745	\$1,466	\$16,985	\$22,564	\$5,579
	1904	110	1,599	110	227	1,282		4,135	239	607	5,427	7,390	1,863
	1899	103			121	863		1,665	99	379	2,355	3,329	974
Bread and other bakery products.....	1909	26	238	31	14	193	153	329	16	88	384	624	240
	1904	9	126	10	16	100		116	21	36	100	252	152
	1899	10	47	11	4	32		17	1	8	65	101	36
Flour-mill and gristmill products.....	1909	15	181	17	49	115	1,838	1,075	58	73	3,388	3,801	413
	1904	10	86	11	19	50		313	22	34	1,177	1,347	170
	1899	9			10	33		143	7	17	381	440	59
Foundry and machine-shop products.....	1909	15	183	13	34	136	249	577	34	91	160	402	242
	1904	14	60	3	9	48		114	6	22	18	69	51
	1899	10			6	60		90	3	28	48	120	72
Ice, manufactured.....	1909	5	96	1	18	77	1,149	562	23	51	46	212	166
	1904	3	43		16	27		176	13	20	14	74	60
	1899												
Leather goods.....	1909	5	57	4	12	41	14	138	13	24	120	205	85
	1904	3	62	4	5	53		91	7	32	91	191	100
	1899	3			15	64		114	12	33	98	164	66
Lumber and timber products.....	1909	8	247	5	30	212	269	768	57	106	785	1,134	349
	1904	3	156	2	24	130		448	35	67	422	617	195
	1899	3	43	3	1	39		45	2	18	42	79	37
Patent medicines and compounds and druggists' preparations.....	1909	16	89	9	48	32	15	181	65	19	165	456	291
	1904	7	38	7	10	21		44	11	7	31	142	111
	1899												
Printing and publishing.....	1909	39	544	34	165	345	273	763	146	185	297	963	666
	1904	25	247	24	29	194		296	26	111	121	425	304
	1899	21			16	211		177	14	101	80	280	200
All other industries.....	1909	96	2,064	84	348	1,632	2,843	5,448	383	829	11,640	14,787	3,127
	1904	46	781	49	99	633		2,537	98	278	3,453	4,273	820
	1899	47			69	424		1,079	60	174	1,641	2,145	504

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

Atchison.....	1909	68	1,044	67	153	824	2,726	\$2,183	\$147	\$458	\$3,137	\$4,405	\$1,268
	1904	60	961	61	102	798		1,873	79	366	2,956	3,829	873
	1899	39			41	583		939	30	280	1,502	2,093	591
Coffeyville.....	1909	47	1,240	31	140	1,069	3,375	3,746	153	663	3,491	4,752	1,261
	1904												
	1899												
Fort Scott.....	1909	36	359	34	59	266	657	626	49	130	670	1,010	340
	1904	46	333	51	38	244		650	30	127	463	786	323
	1899	32			29	389		578	26	198	379	714	335
Hutchinson.....	1909	67	876	68	141	667	3,396	3,270	140	320	2,673	3,614	941
	1904	44	633	44	79	510		1,353	63	266	1,387	2,031	644
	1899	42			46	536		1,026	35	210	1,038	1,541	503
Independence.....	1909	31	328	30	46	252	945	793	42	148	392	757	365
	1904												
	1899												
Lawrence.....	1909	49	535	45	68	422	2,540	814	62	195	1,155	1,653	498
	1904	39	477	37	39	402		730	30	172	817	658	341
	1899	39			44	461		697	30	153	892	1,289	347
Leavenworth.....	1909	79	1,644	77	256	1,311	3,005	3,111	295	702	3,198	4,876	1,678
	1904	89	1,619	88	210	1,321		2,961	201	600	2,588	4,152	1,564
	1899	89			194	1,141		2,705	177	520	1,981	3,251	1,270
Parsons.....	1909	25	1,200	29	41	1,130	2,093	1,530	49	722	735	1,626	891
	1904												
	1899												
Pittsburg.....	1909	49	1,152	50	130	972	2,268	1,786	154	633	724	1,817	1,083
	1904	34	1,045	32	94	910		1,366	95	522	646	1,494	848
	1899	33			28	882		750	27	423	911	1,434	523
Topeka.....	1909	202	5,230	202	784	4,244	9,435	10,748	755	2,521	12,259	17,821	5,562
	1904	154	4,513	174	386	3,953		6,597	385	2,146	10,233	14,449	4,216
	1899	145			280	2,874		3,304	215	1,705	5,278	8,357	3,079

¹ Excluding statistics for one establishment, to avoid disclosure of individual operations.

² Figures can not be shown without disclosing individual operations.

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

⁴ Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

⁵ Figures not available.

SUPPLEMENT FOR KANSAS.

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

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufac-ture.
			Total.	Proprietors and firm members.	Salaried employ-ees.	Wage earners (average number).							
Expressed in thousands.													
STATE—Continued.													
Paint and varnish.....	1909	6	127	2	21	104	621	\$843	\$27	\$56	\$415	\$550	\$165
	1904	3	15	2	2	11	51	28	2	5	36	60	24
	1899												
Paper and wood pulp.....	1909	3	109	1	11	97	920	330	14	46	120	218	98
	1904	3	105	6	8	91	1,078	132	8	46	78	202	124
	1899												
Patent medicines and compounds and drug-gists' preparations.	1909	39	159	27	69	63	96	343	77	34	245	619	374
	1904	31	103	35	18	55	16	157	16	19	71	280	215
	1899	26			45	72		61	12	19	42	135	93
Pottery, terra-cotta, and fire-clay products...	1909	4	259		31	228	715	455	49	135	74	378	304
	1904	4	146		15	131	560	235	18	56	37	181	144
	1899	3	26	3	1	22	112	20	1	12	6	29	23
Printing and publishing.....	1909	798	4,903	879	792	3,232	4,868	6,053	693	1,650	2,290	7,009	4,719
	1904	*724	3,744	849	419	2,476	1,556	3,577	319	1,092	1,055	4,139	3,084
	1899	665			212	2,161		2,528	146	818	797	3,028	2,231
Salt.....	1909	10	505	3	51	451	3,387	2,544	80	188	519	1,106	587
	1904	10	569	2	38	526	2,314	1,636	45	230	534	1,123	589
	1899	8	484	2	32	450	2,130	961	36	168	323	717	389
Slaughtering and meat packing.....	1909	25	12,265	23	1,651	10,591	24,560	37,869	1,797	5,862	147,646	165,361	17,715
	1904	*22	10,394	19	983	9,392	13,733	25,332	954	4,836	85,146	96,376	11,230
	1899	14	9,967	9	1,841	8,117	11,212	16,486	1,632	3,575	67,909	77,412	9,503
Smelting and refining, zinc.....	1909	12	1,968		147	1,821	5,298	9,057	250	1,136	8,877	10,857	1,980
	1904	13	2,648		141	2,507	5,739	10,903	247	1,570	8,449	10,999	2,550
	1899	11	1,529	2	40	1,487	2,300	5,219	61	706	4,679	5,790	1,111
Tobacco manufactures.....	1909	141	601	160	26	415	30	383	24	180	262	682	429
	1904	*172	823	206	23	594	17	512	17	238	341	910	566
	1899	169	700	191	14	495	18	408	10	191	284	790	500
Wall plaster.....	1909	6	191		21	170	1,030	656	23	118	83	287	204
	1904	8	159		27	132	950	620	22	66	79	272	183
	*1899												
All other industries.....	1909	375	5,059	340	836	3,883	13,216	21,293	944	2,192	13,878	21,732	7,854
	1904	276	3,489	287	430	2,772	6,186	7,690	466	1,233	6,030	9,534	3,504
	1899	303			434	2,247		14,471	424	927	18,445	26,126	7,681

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

KANSAS CITY—All Industries.....	1909	165	14,333	142	1,897	12,294	31,885	\$42,817	\$2,138	\$7,027	\$144,390	\$164,081	\$19,691
	1904	100	11,761	82	1,150	10,529		27,773	1,216	5,449	83,883	96,473	12,590
	1899	114			2,063	9,483		18,236	1,911	4,259	68,875	80,023	11,148
Bread and other bakery products.....	1909	33	105	40		65	23	76		39	143	245	102
	1904	14	62	15		47		42		31	84	147	63
	1899	19	58	19	6	33		20	1	16	55	105	50
Carriages and wagons and materials.....	1909	8	81	11	9	61	138	166	9	38	105	183	78
	1904	5	31	8		23		22		12	21	51	30
	1899	4				17		17		10	17	35	18
Cooperage and wooden goods, not elsewhere specified.	1909	4	135	2	11	122	390	348	12	65	299	443	144
	1904	3	157	4	7	146		197	7	64	243	351	108
	1899	4	209	3	8	198		147	5	87	155	349	194
Foundry and machine-shop products.....	1909	17	705	11	121	573	1,345	2,331	125	347	1,095	1,881	786
	1904	6	474	4	28	442		634	31	285	546	1,087	541
	1899	*6	315	4	21	290		688	20	223	415	776	361
Printing and publishing.....	1909	18	103	14	17	72	100	117	16	49	58	174	116
	1904	13	79	12	6	61		92	6	28	33	101	68
	1899	16	67	18	6	43		46	4	19	23	77	54
Slaughtering and meat packing.....	1909	14	10,656	5	1,390	9,261	21,589	32,667	1,527	5,167	133,554	148,459	14,905
	1904	11	9,638	7	873	8,758		22,324	868	4,537	79,708	89,976	10,268
	1899	8	9,487	3	1,771	7,713		15,115	1,579	3,382	65,083	73,788	8,705
All other industries.....	1909	71	2,548	59	349	2,140	8,300	7,112	449	1,322	9,136	12,696	3,560
	1904	48	1,320	32	236	1,052		4,412	304	492	3,248	4,760	1,512
	1899	57			251	1,189		2,208	302	522	3,127	4,893	1,766

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

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.								
1 All industries.....	3,435	64,649	3,571	1,935	3,970	958	44,215	Oc 46,679	Ja 41,337	(1)	(1)	(1)	(1)	(1)	213,141		
2 Agricultural implements.....	18	181	13	16	17	9	126	Se 141	Jy 110	108	108				434		
3 Artificial stone.....	207	584	258	14	3	2	307	My 414	Ja 108	416	413			3	349		
4 Bluing.....	3	5	2				3	Ja ² 3	Jy ² 3	3	1		2				
5 Bread and other bakery products.....	435	1,488	508	12	18	50	900	De 957	Mh ² 843	966	806	170	9	1	588		
6 Brick and tile.....	55	1,978	28	76	41	14	1,819	Je 2,175	Ja 1,143	1,953	1,951		2		9,827		
7 Brooms.....	45	179	44	6	12	1	116	De 151	My 86	163	142	15	6		276		
8 Butter, cheese, and condensed milk.....	60	568	55	60	60	45	348	Au 433	Je 270	331	289	41	1		2,544		
9 Canning and preserving.....	8	149	4	6	17	2	120	Au 274	Ap ² 49	186	81	72	17	16	170		
10 Carpets, rag.....	10	58	12			1	45	Je ² 50	Ja ² 39	43	39	4			41		
11 Carriages and wagons and materials.....	46	322	59	6	6	5	246	Je 269	De 218	223	221	1	1		286		
12 Cars and general shop construction and repairs by steam-railroad companies.....	23	8,319		253	371	9	7,686	De 8,207	Ja 7,219	8,207	8,206		1		10,390		
13 Cars and general shop construction and repairs by street-railroad companies.....	5	49		2	1		46	De 53	Au 40	53	53				80		
14 Cement.....	12	2,365		46	143	33	2,143	Au 2,346	Fe 1,913	2,299	2,299				61,754		
15 Clothing, men's, including shirts.....	16	480	12	17	28	15	408	No 441	Ja 372	432	48	384			130		
16 Confectionery.....	27	193	31	5	19	8	135	No 171	Mh 116	163	69	92	2		84		
17 Cooperage and wooden goods, not elsewhere specified.....	12	185	11	5	4	3	162	Au 202	No 129	163	163				447		
18 Copper, tin, and sheet-iron products.....	76	348	97	10	8	11	222	Au 254	Ja 189	222	220		2		98		
19 Cutlery and tools, not elsewhere specified.....	3	6	3		1		2	Ja ² 3	Je ² 1	3	3				10		
20 Dairymen's, poultryers', and apiarists' supplies.....	5	23	4	3	1	1	14	Ja 24	Au 6	12	12				74		
21 Flour-mill and gristmill products.....	501	3,778	568	305	461	84	2,360	Oc 2,604	Je 2,024	2,522	2,477	24	21		46,218		
22 Foundry and machine-shop products.....	137	2,605	107	132	211	45	2,110	De 2,256	Ja 2,020	2,345	2,345				4,364		
23 Furniture and refrigerators.....	17	415	10	20	22	6	357	Je 379	Ja 321	382	378	2	2		960		
24 Gas and electric fixtures and lamps and reflectors.....	3	74		5	11	7	51	De 66	Jy ² 40	66	50	16			39		
25 Gas, illuminating and heating.....	12	50	8	4	1	1	36	Ap 38	Au ² 35	37	37				275		
26 Glass.....	23	1,511	7	37	19	13	1,435	De 2,033	Jy 433	2,317	2,227	76	14		1,031		
27 Hand stamps and stencils and brands.....	3	10	4	1			5	Ja ² 5	Je ² 5	5	5				1		
28 Ice, manufactured.....	86	789	45	98	33	20	593	Au 926	Ja 350	491	487	2	2		14,636		
29 Jewelry.....	3	6	3				2	Ja ² 2	Je ² 2	2	2				4		
30 Leather goods.....	74	493	90	23	33	8	339	My 348	Ja 324	343	324	12	7		175		
31 Lumber and timber products.....	73	1,160	89	32	47	10	932	Au 1,032	Fe 891	1,016	989	2	25		2,047		
32 Marble and stone work.....	82	477	123	14	48	4	288	Oc 326	Ja 227	333	332		1		576		
33 Mattresses and spring beds.....	14	209	17	11	19	4	158	Au 164	Ja 148	154	128	26			297		
34 Paint and varnish.....	6	127	2	8	9	4	104	My 151	Au 43	43	40	3			621		
35 Paper and wood pulp.....	3	109	1	6	3	2	97	Fe 133	Au 42	106	87	19			920		
36 Patent medicines and compounds and druggists' preparations.....	39	159	27	22	29	18	63	Mh 68	Au ² 59	69	39	28	1	1	96		
37 Petroleum, refining.....	18	464		51	69	20	324	No 348	Ja 300	360	356	3	1		1,150		
38 Photo-engraving.....	3	9	3			1	5	Ja ² 5	Je ² 5	5	4		1		4		
39 Pottery, terra-cotta, and fire-clay products.....	4	259		13	14	4	228	Se 269	Ja 155	251	250		1		715		
40 Printing and publishing.....	798	4,903	879	191	351	250	3,232	De 3,413	Jy 3,135	3,428	2,299	1,072	46	11	4,888		
41 Salt.....	10	505	3	19	25	7	451	Oc 499	Ja 387	462	443	19			3,337		
42 Signs and advertising novelties.....	4	25	6	1	2	2	14	Je 17	My ² 13	16	10	6			13		
43 Slaughtering and meat packing.....	35	12,265	23	134	1,384	133	10,591	No 11,471	Mh 9,788	11,059	10,230	818	10	1	24,580		
44 Smelting and refining, zinc.....	12	1,988		48	83	16	1,821	De 2,023	Je 1,627	2,023	2,023				5,298		
45 Tobacco manufactures.....	141	601	160	5	17	4	415	Oc 444	Ja 372	439	246	180	4	3	30		
46 Wall plaster.....	6	191		5	12	4	170	Je 208	Fe 128	149	149				1,030		
47 All other industries.....	262	4,003	255	213	317	82	3,136								11,354		

1 No figures given for reasons explained in the Introduction.

2 Same number reported throughout the year.

3 Same number reported for one or more other months.

4 All other industries embrace—

Automobiles, including bodies and parts.....	4	Chemicals.....	1	Glass, cutting, staining, and ornamenting.....	1
Awnings, tents, and sails.....	8	Clothing, women's.....	2	Glue.....	1
Bags, other than paper.....	1	Coffee and spice, roasting and grinding.....	2	Grease and tallow.....	1
Baking powders and yeast.....	3	Coffins, burial cases, and undertakers' goods.....	1	Hosiery and knit goods.....	1
Baskets, and rattan and willow ware.....	3	Cotton goods, including cotton small wares.....	1	House-furnishing goods, not elsewhere specified.....	1
Beet sugar.....	1	Electrical machinery, apparatus, and supplies.....	1	Instruments, professional and scientific.....	1
Blacking and cleansing and polishing preparations.....	2	Explosives.....	1	Lard, refined, not made in slaughtering and meat-packing establishments.....	1
Boxes, cigar.....	1	Fertilizers.....	1	Lime.....	3
Boxes, fancy and paper.....	2	Flavoring extracts.....	1	Liquors, malt.....	1
Brass and bronze products.....	2	Food preparations.....	46	Looking-glass and picture frames.....	2
Cars, steam-railroad, not including operations of railroad companies.....	3	Furnishing goods, men's.....	6	Millinery and lace goods.....	2
		Furs, dressed.....	1		

STATISTICS OF MANUFACTURES.

699

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	\$156,090,067	\$305,711,359	\$3,158,224	\$4,193,124	\$25,903,960	\$4,680,748	\$254,202,958	\$384,563	\$1,171,428	\$310,803	\$11,705,751	\$325,104,002	\$56,220,296
2	562,944	322,305	21,414	23,073	73,790	7,286	154,634	589	5,832	400	35,371	388,779	206,859
3	412,786	503,783	12,432	2,450	161,662	3,512	293,317	4,237	3,001	1,000	22,172	687,529	390,700
4	3,875	6,150	.....	.....	390	18	5,140	241	30	.....	331	8,500	3,342
5	1,306,092	2,740,366	15,518	35,537	482,750	72,485	1,916,588	70,404	11,991	1,254	133,833	3,432,564	1,443,491
6	3,930,102	1,871,168	101,820	38,539	910,734	447,827	82,978	2,980	18,587	17,642	250,001	2,336,438	1,805,633
7	189,386	256,041	3,918	8,422	57,917	2,750	162,384	1,940	1,575	640	16,495	315,575	150,441
8	1,775,918	5,681,301	83,554	67,009	211,308	43,756	4,906,757	7,592	18,501	250	342,514	6,070,634	1,120,121
9	282,366	286,034	7,425	14,480	46,243	3,830	181,356	420	1,421	.....	30,859	285,532	100,346
10	18,856	30,169	.....	520	21,404	1,204	2,744	1,450	139	.....	2,708	42,616	38,068
11	438,815	447,551	6,900	7,884	133,863	5,496	239,338	5,605	4,319	375	43,781	530,483	285,649
12	9,606,828	11,193,106	321,358	292,547	5,173,019	200,081	5,019,019	.....	58,687	.....	128,395	11,193,106	5,974,006
13	40,775	70,442	2,370	720	33,024	1,313	30,276	.....	516	580	1,643	70,442	38,853
14	16,386,866	3,875,492	165,424	154,382	1,358,926	701,377	854,898	1,500	50,728	.....	568,287	4,681,625	3,125,380
15	353,996	550,351	20,472	25,090	117,855	5,747	326,468	6,770	10,940	6,542	30,487	623,887	296,672
16	274,643	272,798	6,584	13,394	52,123	4,479	167,612	6,445	2,069	.....	20,202	327,748	155,637
17	385,049	448,784	6,350	6,372	78,414	2,157	330,481	3,660	2,479	.....	18,871	503,809	171,171
18	381,217	627,272	10,340	10,867	150,750	2,864	409,475	10,241	2,487	.....	30,248	748,737	336,398
19	3,441	3,733	.....	390	1,248	70	1,035	186	81	.....	153	5,580	3,905
20	52,313	39,185	2,500	840	7,443	1,118	21,116	1,380	375	553	3,860	44,855	22,621
21	22,740,766	64,631,564	447,288	498,780	1,448,022	502,519	59,936,314	14,621	163,029	38,366	1,582,625	68,476,410	8,037,577
22	6,791,139	5,276,242	222,362	191,010	1,342,571	140,228	2,893,969	19,650	39,558	50,236	376,658	5,919,379	2,885,182
23	527,350	554,020	35,841	17,398	215,007	9,495	226,090	1,010	6,444	.....	42,735	616,218	380,633
24	115,348	155,114	6,840	11,100	24,700	777	83,860	1,345	847	.....	25,645	177,902	93,265
25	257,064	88,411	4,770	1,080	22,069	40,888	15,761	.....	1,046	576	2,221	207,586	150,937
26	1,769,826	1,840,346	44,153	21,311	986,189	85,523	586,221	2,400	13,093	.....	101,556	2,036,673	1,364,829
27	2,700	6,991	1,200	.....	2,620	120	2,094	600	40	.....	317	10,067	7,853
28	4,208,797	1,060,309	102,343	26,418	379,704	248,224	93,514	203	34,704	1,725	173,474	1,459,842	1,118,104
29	2,170	2,779	.....	.....	1,386	60	506	480	25	.....	322	4,850	4,284
30	1,104,870	1,190,059	31,470	31,516	203,844	6,083	814,743	22,323	9,889	51	70,140	1,386,824	565,998
31	2,159,007	2,951,532	71,668	55,725	539,622	19,701	2,052,065	6,395	16,370	649	189,337	3,244,265	1,172,499
32	534,824	708,512	14,967	41,499	183,698	8,906	376,516	9,385	4,658	3,216	65,667	954,266	568,344
33	344,951	385,932	14,300	21,104	78,690	4,302	214,131	2,250	2,689	.....	48,466	461,647	243,214
34	847,623	556,686	13,925	13,140	55,941	3,521	411,104	1,686	1,934	.....	55,435	579,674	165,049
35	329,513	219,375	10,098	3,712	46,430	13,097	107,309	.....	2,430	.....	36,299	217,982	97,576
36	347,732	488,144	25,675	51,194	33,615	2,044	242,929	5,569	2,867	1,300	122,951	618,730	373,757
37	5,020,765	3,379,341	83,602	61,639	186,463	111,793	2,704,917	264	20,568	.....	210,095	4,077,225	1,260,515
38	6,145	4,002	.....	208	1,612	293	1,020	414	33	.....	422	8,875	7,562
39	454,724	297,728	27,523	21,320	135,018	33,202	41,151	.....	2,280	.....	37,234	378,175	303,822
40	6,053,359	5,504,868	279,599	413,161	1,649,580	82,618	2,207,188	109,795	39,706	109,428	613,793	7,008,865	4,719,059
41	2,544,199	926,008	49,940	30,366	188,123	170,092	349,162	.....	13,547	17,801	106,977	1,105,920	586,666
42	34,113	47,748	936	3,600	8,805	509	27,049	1,740	108	100	4,901	61,943	34,335
43	37,869,081	159,989,169	319,343	1,477,714	5,862,083	764,087	146,881,903	2,175	415,956	10,077	4,255,831	165,360,516	17,714,526
44	9,057,062	10,502,869	171,713	108,135	1,135,922	607,982	8,269,536	.....	35,904	20,000	153,697	10,857,250	1,979,752
45	382,682	578,696	4,676	19,338	180,277	3,261	258,769	15,610	65,834	23	30,908	681,633	419,653
46	656,267	257,738	8,228	14,863	118,257	37,313	45,595	.....	2,648	.....	30,834	286,814	203,906
47	15,522,222	14,881,015	377,435	355,437	1,800,777	276,760	10,253,386	41,008	81,463	27,819	1,666,930	16,621,082	6,090,938

* All other industries embrace—Continued.

Mineral and soda waters.....	92	Paving materials.....	2	Vinegar and cider.....	9
Models and patterns, not including paper patterns.....	1	Scales and balances.....	2	Washing machines and clothes wringers.....	4
Musical instruments, pianos and organs and materials.....	1	Smelting and refining, lead.....	1	Wheelbarrows.....	1
Oil, cottonseed, and cake.....	1	Soap.....	6	Windmills.....	3
Oil, linseed.....	1	Stoves and furnaces, including gas and oil stoves.....	4	Wirework, including wire rope and cable.....	7
Optical goods.....	2	Sulphuric, nitric, and mixed acids.....	1	Wood preserving.....	1
Paper goods, not elsewhere specified.....	1	Surgical appliances and artificial limbs.....	4	Wood, turned and carved.....	2
Paper patterns.....	1	Toys and games.....	1	Woolen, worsted, and felt goods, and wool hats.....	2
		Upholstering materials.....	1		

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

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.									WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			Total.	16 and over.		Under 16.			
					Male.	Female.	Total.	16 and over.			Under 16.	Male.	Female.	Male.		Female.
								Male.	Female.							
1 All industries.....	165	14,333	142	257	1,480	160	12,294	11,268	975	51	12,917	11,844	1,019	49	5	31,885
2 Bread and other bakery products.....	33	105	40	.....	.....	.....	65	55	6	4	71	60	7	4	.....	23
3 Carriages and wagons and materials.....	8	81	11	4	3	2	61	61	.....	.....	56	56	.....	.....	.....	138
4 Coopers and wooden goods, not elsewhere specified.	4	135	2	5	3	3	122	122	.....	.....	128	128	.....	.....	.....	390
5 Foundry and machine-shop products.....	17	705	11	28	83	10	573	573	.....	.....	672	672	.....	.....	.....	1,345
6 Printing and publishing.....	18	103	14	10	2	5	72	53	18	1	74	55	18	1	.....	100
7 Slaughtering and meat packing.....	14	10,656	5	95	1,193	102	9,261	8,502	750	9	9,647	8,856	781	9	1	21,589
8 All other industries ¹	71	2,548	59	115	196	38	2,140	1,902	201	37	2,269	2,017	213	35	4	8,300

¹ All other industries embrace: Agricultural implements, 2; artificial stone, 1; awnings, tents, and sails, 1; baking powders and yeast, 1; baskets, and rattan and willow ware, 1; blacking and cleansing and polishing preparations, 1; bluing, 1; brick and tile, 1; butter, cheese, and condensed milk, 1; carpets, rag, 1; cars and general shop construction and repairs by steam-railroad companies, 1; cars steam-railroad, not including operations of railroad companies, 2; clothing, men's, including shirts, 1; copper, tin, and sheet-iron products, 8; cotton goods, including cotton small wares, 1; fertilizers, 1; flour-mill and gristmill products, 6; furnishing goods, men's, 1;

WICHITA.

1 All industries.....	225	3,699	198	174	418	126	2,783	2,434	345	4	3,008	2,614	390	4	.....	6,908
2 Bread and other bakery products.....	26	238	31	2	9	3	193	129	64	.....	239	160	79	.....	.....	158
3 Flour-mill and gristmill products.....	15	181	17	16	30	3	115	115	.....	.....	117	117	.....	.....	.....	1,838
4 Foundry and machine-shop products.....	15	183	13	12	11	11	139	136	.....	.....	155	155	.....	.....	.....	249
5 Ice, manufactured.....	5	96	1	10	5	3	77	77	.....	.....	44	44	.....	.....	.....	1,149
6 Leather goods.....	5	57	4	6	6	.....	41	41	.....	.....	35	35	.....	.....	.....	14
7 Lumber and timber products.....	8	247	5	8	22	.....	212	212	.....	.....	193	193	.....	.....	.....	369
8 Patent medicines and compounds and druggists' preparations.	46	89	9	10	26	12	32	15	17	.....	37	17	20	.....	.....	15
9 Printing and publishing.....	39	544	34	31	95	39	345	274	69	2	371	295	74	2	.....	273
10 All other industries ¹	96	2,064	84	79	214	55	1,632	1,435	195	2	1,817	1,598	217	2	.....	2,843

¹ All other industries embrace: Artificial stone, 17; awnings, tents, and sails, 3; baskets, and rattan and willow ware, 1; bluing, 2; boxes, fancy and paper, 1; brick and tile, 1; brooms, 3; butter, cheese, and condensed milk, 2; canning and preserving, 2; carpets, rag, 1; carriages and wagons and materials, 6; cars and general shop construction and repairs by street-railroad companies, 1; clothing, men's, including shirts, 4; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; confectionery, 1; coopers and wooden goods, not elsewhere specified, 1; copper, tin, and sheet-iron products, 11; flavoring extracts, 1; food preparations, 5; furniture and

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

1 ATCHISON.....	68	1,044	67	42	73	38	824	682	135	7	906	749	149	8	.....	2,726
2 COFFEYVILLE.....	47	1,240	31	44	71	25	1,069	1,026	43	.....	1,237	1,187	50	.....	.....	3,375
3 FORT SCOTT.....	36	359	34	23	26	10	266	201	65	.....	284	214	70	.....	.....	657
4 HUTCHINSON.....	67	876	68	49	76	16	687	620	44	3	754	701	50	3	.....	3,396
5 INDEPENDENCE.....	31	328	30	15	24	7	252	212	38	2	256	215	39	2	.....	945
6 LAWRENCE.....	49	535	45	25	26	17	422	277	141	4	439	288	147	1	3	2,540
7 LEAVENWORTH.....	79	1,644	77	77	135	44	1,311	1,166	131	14	1,353	1,203	135	10	5	3,005
8 PARSONS.....	25	1,200	29	11	24	6	1,130	1,074	56	.....	1,179	1,120	59	.....	.....	2,093
9 PITTSBURG.....	49	1,152	50	45	71	14	972	952	19	1	958	938	19	1	.....	2,268
10 TOPEKA.....	202	5,230	202	236	381	167	4,244	3,743	483	13	4,614	3,983	518	11	2	9,435

STATISTICS OF MANUFACTURES.

701

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.

KANSAS CITY.

	Capital.	EXPENSES.									Value of products.	Value added by manufacture.	
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.			Other.
1	\$42,817,381	\$159,389,086	\$543,420	\$1,594,313	\$7,027,324	\$961,686	\$143,428,472	\$33,204	\$473,945	\$68,123	\$5,258,599	\$164,080,607	\$19,690,449
2	75,717	200,152	-----	-----	39,322	6,959	136,204	5,649	768	-----	11,250	245,240	102,077
3	105,883	160,083	4,800	4,334	38,339	1,157	103,495	225	1,109	50	12,574	183,224	78,572
4	348,031	399,176	6,350	5,872	64,856	1,702	297,268	3,600	2,081	-----	17,387	443,175	144,205
5	2,331,093	1,735,457	68,683	56,452	347,004	60,483	1,034,770	5,433	13,499	45,676	103,457	1,881,137	785,884
6	116,733	140,429	12,940	2,808	48,827	2,164	55,480	5,304	900	12,520	5,486	174,200	110,556
7	32,667,230	144,417,844	233,142	1,293,394	5,166,733	656,128	132,897,809	1,440	408,182	9,123	3,756,893	148,459,212	14,905,275
8	7,112,694	12,323,945	217,505	231,453	1,322,243	233,093	8,903,446	11,493	52,406	754	1,351,552	12,694,419	3,557,880

furniture and refrigerators, 2; gas, illuminating and heating, 1; grease and tallow, 1; ice, manufactured, 7; jewelry, 1; lard, refined, not made in slaughtering and meat-packing establishments, 1; lumber and timber products, 6; marble and stone work, 1; mineral and soda waters, 1; oil, cottonseed, and cake, 1; paint and varnish, 1; petroleum, refining, 1; pottery, terra-cotta, and fire-clay products, 1; soap, 2; sulphuric, nitric, and mixed acids, 1; tobacco manufactures, 8; wheelbarrows, 1; wirework, including wire rope and cable, 2.

WICHITA.

1	\$9,846,938	\$20,485,349	\$309,951	\$435,202	\$1,465,987	\$168,251	\$16,816,868	\$62,690	\$45,673	\$65,563	\$1,115,164	\$22,564,293	\$5,579,174
2	329,355	554,355	4,050	12,286	87,704	7,827	376,214	9,892	2,599	-----	53,783	624,343	240,307
3	1,075,247	3,653,289	25,650	32,127	72,942	23,220	3,385,164	1,282	7,014	16,852	109,033	3,800,837	412,453
4	577,452	332,451	17,200	17,053	91,057	7,164	152,486	1,233	3,312	2,650	40,298	402,199	242,549
5	561,991	149,950	18,470	4,640	51,184	31,241	15,110	-----	5,161	-----	24,144	212,231	165,880
6	138,354	178,643	7,960	5,075	23,943	814	119,492	7,522	1,764	-----	12,073	205,143	84,837
7	768,334	1,022,921	29,100	27,599	106,475	4,630	779,891	270	5,552	-----	69,404	1,133,972	349,451
8	190,655	352,911	18,650	45,874	18,578	679	163,983	2,720	1,746	1,200	99,481	455,832	291,170
9	763,234	835,754	51,762	93,859	184,899	7,966	288,659	17,124	3,003	40,808	147,674	963,362	666,737
10	5,446,316	13,405,075	137,109	196,689	829,205	84,710	11,555,869	22,647	15,522	4,053	559,271	14,766,369	3,125,780

refrigerators, 3; gas and electric fixtures and lamps and reflectors, 2; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; jewelry, 1; marble and stone work, 2; mattresses and spring beds, 3; mineral and soda waters, 2; models and patterns, not including paper patterns, 1; paint and varnish, 1; photo-engraving, 1; signs and advertising novelties, 1; slaughtering and meat packing, 3; surgical appliances and artificial limbs, 1; tobacco manufactures, 6; vinegar and cider, 1; wirework, including wire rope and cable, 1.

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

1	\$2,182,629	\$3,980,295	\$59,552	\$87,723	\$457,561	\$49,959	\$3,086,765	\$16,840	\$17,143	\$604	\$204,143	\$4,404,813	\$1,268,089
2	3,746,018	4,568,323	75,327	78,098	663,202	71,280	3,420,177	5,200	25,359	-----	219,680	4,751,695	1,260,138
3	625,530	906,831	26,036	23,369	130,244	16,804	653,497	8,112	5,441	-----	43,323	1,010,033	339,732
4	3,270,249	3,314,665	72,410	67,619	319,754	157,235	2,515,887	7,072	27,074	18,126	129,488	3,613,950	940,828
5	793,426	668,873	20,162	22,015	148,091	26,761	365,009	4,109	7,432	506	74,788	756,706	364,936
6	813,966	1,506,062	30,886	30,979	194,617	38,091	1,117,153	6,420	13,516	5,985	68,415	1,653,488	498,244
7	3,111,260	4,622,369	137,408	157,546	702,101	66,702	3,181,008	13,751	31,821	3,507	378,525	4,875,568	1,577,858
8	1,530,423	1,569,753	15,805	33,376	721,653	50,245	685,021	3,586	24,470	-----	35,797	1,629,272	891,006
9	1,785,525	1,587,054	84,048	69,829	633,433	103,242	620,920	8,633	19,471	338	47,140	1,816,866	1,082,704
10	10,747,613	16,559,149	343,117	411,907	2,520,671	158,323	12,100,503	44,617	98,839	41,794	839,378	17,820,761	5,561,835

CHAPTER 6.

MINES AND QUARRIES.

Introduction.—The present chapter contains a complete statement of the statistics of all mining industries, which include all mines, quarries, and wells in the state of Kansas 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 KANSAS.

Summary.—Statistics for all mining enterprises in the state of Kansas are presented in Table 7, which gives statistics for all enterprises combined and for each producing industry separately. Statistics for nonproducing enterprises are also given separately from producing enterprises.

The total gross value of the products of the mining industry in Kansas in 1909 amounted to \$18,722,634. Deducting from this amount, \$392,862, the value of the natural gas purchased and resold and the lead and zinc ore sold by some operators and used as materials by others, leaves \$18,329,772 as the net value of the products. Of this amount, the two leading industries, bituminous coal mining and the production of petroleum and natural gas, contributed \$16,247,849, or 88.6 per cent. These two industries reported products valued, respectively, at \$9,835,614 and \$6,412,235. Lead and zinc mining, with products valued at \$936,223, and limestone quarrying, with products valued at \$807,463, were the industries next in importance.

In the lead and zinc 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.

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	643	16,441	\$18,722,634	\$29,118	100.0	100.0	100.0
Individual.....	174	1,701	1,363,336	7,835	27.1	10.3	7.3
Firm.....	249	1,334	1,150,847	4,622	38.7	8.1	6.1
Corporation.....	212	13,227	16,121,583	76,045	33.0	80.5	86.1
Other.....	8	179	86,868	10,850	1.2	1.1	0.5
Bituminous coal	118	12,791	9,835,614	83,353	100.0	100.0	100.0
Individual.....	47	924	593,764	12,633	39.8	7.2	6.0
Firm.....	36	697	360,610	10,017	30.5	5.4	3.7
Corporation.....	31	10,998	8,807,945	284,127	26.3	86.0	89.6
Other.....	4	172	73,295	18,324	3.4	1.3	0.7
Petroleum and natural gas	217	1,302	6,681,780	30,792	100.0	100.0	100.0
Individual.....	34	19	115,745	3,404	15.7	1.5	1.7
Firm.....	41	25	213,766	5,214	18.9	1.9	3.2
Corporation.....	139	1,256	6,340,496	45,615	64.1	96.5	94.9
Other.....	3	2	11,773	3,924	1.4	0.2	0.2
Lead and zinc	189	848	1,059,540	5,606	100.0	100.0	100.0
Individual.....	16	117	234,707	14,669	8.5	13.8	22.2
Firm.....	149	348	411,876	2,764	78.8	41.0	38.9
Corporation.....	24	383	412,957	17,206	12.7	45.2	39.0

Out of a total of 643 operators, 212, or 33 per cent, were corporations. These corporations reported 86.1 per cent of the total value of products and employed 80.5 per cent of all wage earners.

	Incorporated.	Unincorporated.
Number of operators.....	212	431
Number of mines and quarries.....	146	436
Number of wells.....	2,702	700
Proprietors and firm members, total.....		1,074
Number performing manual labor.....		575
Salaried employees:		
Officers of corporations.....	87	
Superintendents and managers.....	174	48
Clerks and other salaried employees.....	344	33
Wage earners, Dec. 15, 1909, or nearest representative day.....	13,227	3,214
Capital.....	\$39,853,134	\$1,944,195
Expenses of operation and development.....	13,763,522	2,063,265
Salaries—		
Officers of corporations.....	138,354	
Superintendents and managers.....	222,064	40,888
Clerks and other salaried employees.....	268,379	18,717
Wages.....	8,333,265	1,303,085
Royalties and rent of mines.....	1,471,003	194,836
Taxes.....	138,143	9,427
Supplies and miscellaneous expenses.....	2,922,591	378,143
Cost of ore purchased and natural gas purchased and resold.....	269,693	123,169
Value of products.....	16,121,583	2,601,051

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. For all industries combined, 65.5 per cent of all the wage earners were employed in the 42 enterprises employing over 100 wage earners each.

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	Enterprises.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
All industries	689	100.0	16,441	100.0
No wage earners.....	74	10.7		
Contract work and part-time employees.....	113	16.4		
1 to 5.....	259	37.6	576	3.5
6 to 20.....	110	16.0	1,231	7.5
21 to 50.....	67	9.7	2,197	13.4
51 to 100.....	24	3.5	1,673	10.2
101 to 500.....	37	5.4	6,772	41.2
Over 500.....	5	0.7	3,992	24.3
Bituminous coal	164	100.0	12,791	100.0
No wage earners.....	2	1.2		
Contract work.....	7	4.3		
1 to 5.....	23	14.0	67	0.5
6 to 20.....	33	20.1	377	2.9
21 to 50.....	42	25.6	1,360	10.6
51 to 100.....	18	11.0	1,232	9.6
101 to 500.....	35	21.3	6,542	51.1
Over 500.....	4	2.4	3,213	25.1
Petroleum and natural gas	217	100.0	1,302	100.0
No wage earners.....	13	6.0		
Contract work and part-time employees.....	85	39.2		
1 to 5.....	105	48.4	166	12.7
6 to 20.....	8	3.7	107	8.2
Over 20.....	6	2.8	1,029	79.0
Lead and zinc	189	100.0	848	100.0
No wage earners.....	48	25.4		
Contract work.....	19	10.1		
1 to 5.....	75	39.7	204	24.1
6 to 20.....	39	20.6	381	45.9
Over 20.....	8	4.2	263	31.0

In petroleum and natural gas production, 98 enterprises were operated either without any hired labor at all or by contract work or by employees giving but a part of their time to the enterprise. In this industry only 6 enterprises employed over 20 wage earners.

Persons employed in mining.—The bituminous coal-mining industry, which produced 53.7 per cent of the net value of all mining products in 1909, employed 73.5 per cent of the persons engaged in all industries, while the petroleum and natural gas industry, which produced 35 per cent of the product, employed less than 10 per cent of the total persons engaged in mining. Of the total of 18,201 persons employed in all producing enterprises December 15, 1909, or the nearest representative day, 16,441 were wage earners, 686 were salaried employees, and 1,074 were proprietors and firm members, of whom 575 performed manual labor in or about the mines.

Prevailing hours of labor.—In Table 4 the producing mines and quarries, except those employing no wage earners and those operated exclusively by contract work and part-time employees, have been classified according to the prevailing hours of labor per day in each enterprise or operating unit. Petroleum and natural gas wells are not included in this table, because the lack of regularity in the number of hours worked per day in a large number of enterprises rendered such classification impracticable.

INDUSTRY AND HOURS PER DAY.	Enterprises.		Per cent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent distribution.	
All industries	1,374	100.0	100.0
8 hours and under.....	184	49.2	86.8
9 hours.....	98	26.2	4.1
10 hours.....	91	24.3	8.8
11 hours.....	1	0.3	0.3
Bituminous coal	154	100.0	100.0
8 hours and under.....	135	87.7	98.1
9 hours.....	17	11.0	1.7
10 hours.....	2	1.3	0.1
Lead and zinc	114	100.0	100.0
8 hours.....	22	19.3	37.9
9 hours.....	69	60.5	39.0
10 hours.....	22	19.3	18.3
11 hours.....	1	0.9	4.9

¹ Exclusive of petroleum and natural gas, of 1 bituminous coal mine, and 8 lead and zinc mines, for which number of hours was not reported.

The table shows the percentage of the total number of enterprises falling in each group, and also a per cent distribution in which each enterprise has been given a weight according to the total number of wage earners employed December 15, 1909, or the nearest representative day. It should be borne in mind that this latter distribution does not show the exact proportion of the total number of wage earners working the specified number of hours per day, since, in some cases, a part of the

employees worked a greater or less number of hours than those generally prevailing in the enterprise.

For all industries combined and for bituminous coal mines, eight and under was the prevailing number of hours worked per day, while in the lead and zinc industry 62.2 per cent of the wage earners worked nine hours or over per day.

Engines and power.—As shown by Table 5, the total primary horsepower employed in producing enterprises was 66,943, of which 66,255 horsepower was developed by engines and water wheels owned by the enterprises using them and 688 by electric motors operated by purchased current.

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909				
	Total.	Bituminous coal.	Petroleum and natural gas.	Lead and zinc.	All other.
Primary power:					
Aggregate horsepower.....	66,943	19,707	36,846	6,251	4,139
Owned.....	66,255	19,664	36,441	6,011	4,139
Steam engines—					
Number.....	662	330	41	224	67
Horsepower.....	34,044	19,604	6,344	4,716	3,380
Gas or gasoline engines—					
Number.....	305	12	264	17	12
Horsepower.....	31,917	56	30,097	1,295	469
Water wheels—					
Number.....	4	1	.....	.....	3
Horsepower.....	294	4	.....	.....	290
Electric motors operated by purchased current—					
Number.....	13	4	7	2	.....
Horsepower.....	688	43	405	240	.....
Electric motors run by current generated by enterprise using:					
Number.....	48	15	31	1	1
Horsepower.....	1,607	960	617	25	5

Comparison of mining industries: 1902-1909.—In order to make comparisons between 1909 and 1902 it is necessary to omit from the 1902 figures, as given in the mines and quarries report for that year, statistics for the production of cement and enterprises operated by governmental institutions; and to add to 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 occurred in the petroleum and natural gas industry. In 1902 products valued at \$1,116,895 were reported by this industry, while in 1909 the oil and gas produced had a value of \$6,681,780.

	1909	1902	Per cent of increase.
Wages and salaries.....	\$10,351,532	\$5,915,006	75.0
Supplies and materials.....	\$1,917,364	\$1,218,192	57.4
Royalties and rent of mines.....	\$1,665,839	\$382,181	335.9
Contract work.....	\$369,681	\$207,708	78.0
Value of products.....	\$18,386,812	\$9,526,060	93.0
Primary horsepower.....	67,408	18,222	269.0

¹ Exclusive of amount paid to miners compensated by a share of the product and also of the wages of part-time employees for the petroleum and natural gas industry, which are included under "Contract work," in Table 7.

Duplication between manufactures and mining.—In the operation of gypsum mines and limestone quarries some of the operators subjected the products obtained to certain manufacturing processes on the premises before marketing. These enterprises have

been included in the statistics both for manufactures and for mining. As a result of this fact, the combined value of products for the manufacturing and mining industries of Kansas involves a duplication of \$373,777.

DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 7	PRODUCING MINES, QUARRIES, AND WELLS.								Non-producing mines and quarries. ¹
	Aggregate.	Total.	Bituminous coal.	Petroleum and natural gas.	Lead and zinc.	Limestone.	Sand-stone.	Gypsum.	
Number of operators.....	646	643	118	217	189	102	11	6	3
Number of mines, quarries, and wells.....	3,987	3,984	202	3,402	222	138	13	7	3
Capital ²	\$41,821,529	\$41,797,329	\$3,011,387	\$37,072,298	\$466,955	\$492,453	\$10,450	\$743,786	\$24,200
Expenses of operation and development.....	\$15,868,219	\$15,831,787	\$9,778,297	\$4,018,459	\$1,067,538	\$669,267	\$11,027	\$287,199	\$36,432
Services—									
Salaried officers of corporations, superintendents, and managers.....	\$401,336	\$401,336	\$154,291	\$180,479	\$29,003	\$24,355		\$13,208	
Clerks and other salaried employees.....	\$287,646	\$287,096	\$132,232	\$123,325	\$7,296	\$8,900		\$15,343	\$550
Wage earners.....	\$9,650,415	\$9,630,350	\$8,106,670	\$516,082	\$400,464	\$464,932	\$9,054	\$139,148	\$14,065
Miscellaneous—									
Supplies.....	\$1,659,478	\$1,645,163	\$508,546	\$845,783	\$167,249	\$81,131	\$853	\$41,601	\$14,315
Cost of ore purchased and natural gas purchased and resold.....	\$392,862	\$392,862		\$269,545	\$123,317				
Fuel and rent of power.....	\$268,343	\$267,964	\$100,975	\$7,368	\$96,098	\$23,212	\$118	\$40,193	\$379
Royalties and rent of mines.....	\$1,665,839	\$1,665,839	\$266,545	\$1,215,270	\$167,413	\$16,407		\$204	
Taxes.....	\$148,155	\$147,570	\$18,394	\$122,230	\$1,193	\$2,736		\$82	\$585
Contract work.....	\$397,803	\$395,947	\$49,793	\$293,060	\$43,670	\$8,343		\$403	\$1,856
Rent of offices and other sundry expenses.....	\$996,342	\$991,660	\$440,851	\$445,317	\$31,835	\$39,251	\$370	\$34,096	\$4,632
Value of products.....	\$18,722,634	\$18,722,634	\$9,835,614	\$6,681,780	\$1,059,540	\$807,463	\$19,559	\$318,678	
Persons engaged in industry.....	18,259	18,201	13,374	1,743	1,385	1,441	46	212	58
Proprietors and officials.....	1,384	1,383	401	300	520	137	15	10	1
Proprietors and firm members.....	1,075	1,074	283	178	484	114	15	1	1
Number performing manual labor.....	576	575	152	12	350	57	4		1
Salaried officers of corporations.....	87	87	39	37	6	2		3	
Superintendents and managers.....	222	222	79	85	30	21		7	
Clerks and other salaried employees.....	378	377	182	141	17	20		17	1
Wage earners, Dec. 15, 1909, or nearest representative day.....	16,497	16,441	12,791	1,302	848	1,284	31	185	56
Above ground.....	4,358	4,343	1,123	1,302	427	1,284	31	176	15
Below ground.....	12,139	12,098	11,668		421			9	41
Men 16 years of age and over.....	16,477	16,421	12,786	1,302	847	1,270	31	185	56
Engineers, firemen, mechanics, etc.....	1,169	1,167	512	397	168	86	2	2	2
Above ground.....	1,044	1,042	387	397	168	86	2	2	2
Below ground.....	125	125							
Miners, miners' helpers, quarrymen, and stonecutters.....	11,240	11,221	9,972		329	877	25	18	19
Above ground.....	913	913			2	877	25	9	
Below ground.....	10,327	10,308	9,972		327			9	19
All other employees.....	4,068	4,033	2,302	905	350	307	4	165	35
Above ground.....	2,385	2,372	735	905	256	307	4	165	13
Below ground.....	1,683	1,661	1,567		94				22
Boys under 16 years of age ³	20	20	5		1	14			
Number of wage earners employed on the 15th day of each month:									
January.....	14,510	14,510	12,354	932	552	504	4	164	
February.....	14,508	14,508	12,362	843	572	559	5	167	
March.....	14,298	14,298	11,971	839	530	746	8	204	
April.....	12,846	12,886	10,255	904	550	912	19	246	
May.....	12,639	12,639	9,906	954	533	1,009	16	221	
June.....	14,133	14,120	11,032	1,159	514	1,145	18	252	13
July.....	14,093	14,093	10,970	1,158	587	1,138	23	217	
August.....	14,115	14,100	11,158	967	568	1,160	23	224	15
September.....	14,682	14,663	11,673	966	639	1,132	22	231	19
October.....	15,322	15,294	12,078	1,130	659	1,184	10	233	28
November.....	15,545	15,506	12,445	1,162	628	1,045	15	211	39
December.....	15,558	15,502	12,586	1,283	578	859	11	185	56
Land controlled, acres.....	599,249	598,868	83,869	502,206	1,258	9,894	915	726	361
Owned.....	79,292	78,917	56,205	14,365	350	6,481	790	726	375
Held under lease.....	519,957	519,951	27,664	487,841	908	3,413	125		6
Mineral and oil land.....	591,366	590,985	80,459	502,206	1,247	6,133	260	680	381
Owned.....	72,123	71,748	53,340	14,365	340	2,813	210	680	375
Held under lease.....	519,243	519,237	27,119	487,841	907	3,320	50		6
Timber land.....	135	135				120	15		
Other land.....	7,748	7,748	3,410		11	3,041	640	46	
Primary horsepower.....	67,168	66,943	19,707	36,846	6,251	2,576	73	1,490	225

¹ Includes operators as follows: Bituminous coal, 2; lead and zinc, 1.

² 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.

³ In the bituminous coal industry 4 boys were employed below ground.