

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

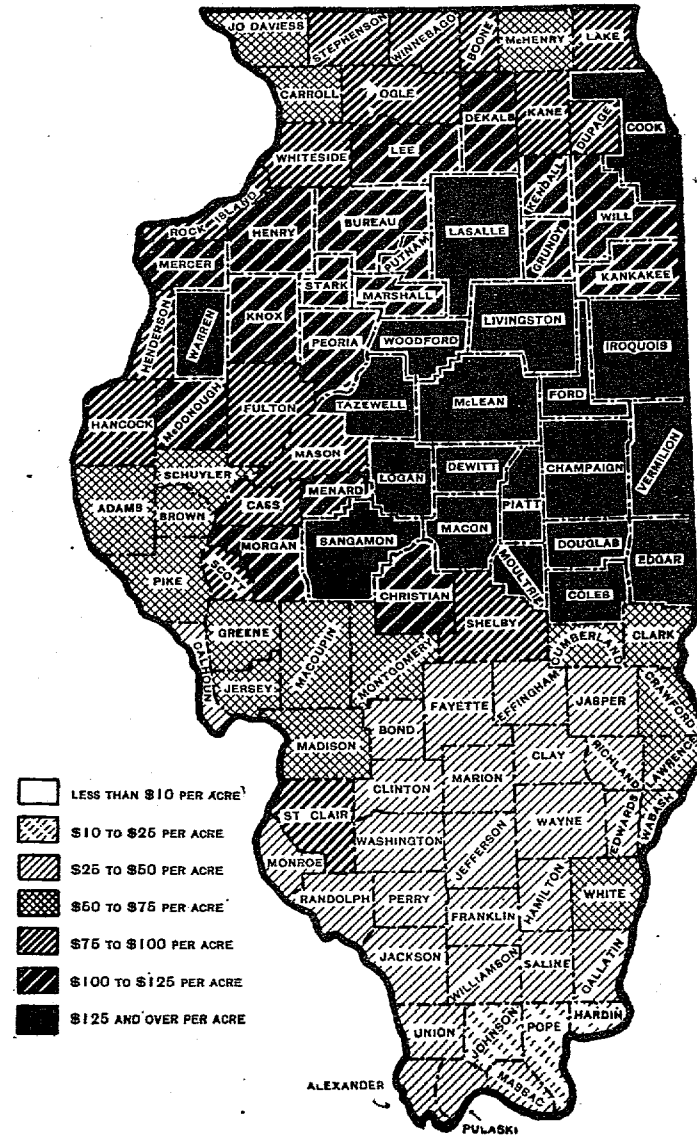
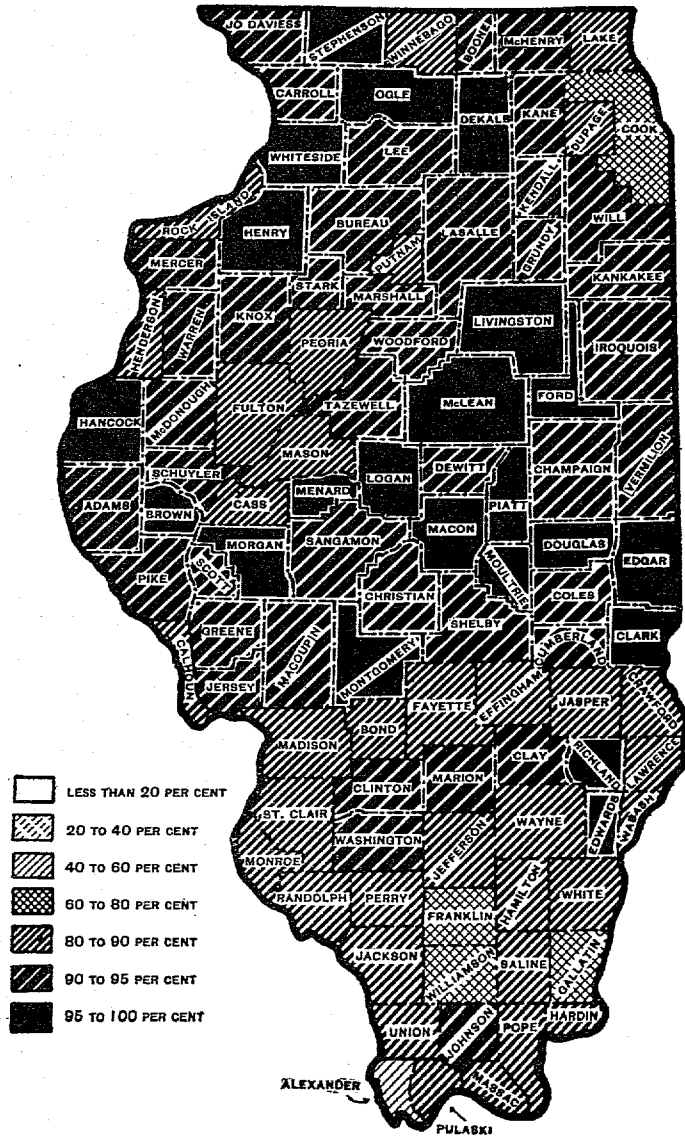
PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 90.7.]

AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$95.02.]

(410)



ILLINOIS.

FARMS AND FARM PROPERTY.

Illinois ranks twenty-second in area and third in population among the states and territories of continental United States. It has passed out of the class of states that are adding materially to their total farm areas, having, in fact, a little less land in farms than it had in 1900, and only a little more than in 1880. The state of Illinois occupies the north central portion of the low plateau region which constitutes the upper portion of the Mississippi Basin. The surface of the state varies considerably in its different portions. The lowest altitudes are found in the alluvial bottoms at the junction of the Ohio and Mississippi Rivers in the vicinity of Cairo, where the elevation is approximately 300 feet above sea level. The plateau rises thence gradually northward, altitudes of 700 and 800 feet being attained in the central portion of the state, while the highest altitudes, slightly in excess of 1,000 feet, are found in the extreme northern and northwestern portions along the Wisconsin line.

All of Illinois except the northwestern portion of the state and the extreme southern counties near the confluence of the Ohio and Mississippi Rivers has been glaciated one or more times. Repeated glaciations have covered the central and northern portions of the state with a covering of glacial till, varying in thickness from 10 or 15 feet to depths of more than 200 feet. The glaciated plateau region occupying a considerable tract in the east central portion of the state and again in the northern portion, consists of an undulating to ridged upland intersected by deeply cut stream channels which are not infrequently bordered by alluvial bottoms. In the west and west central portion of the state this glaciated upland is covered by a deep layer of brown or yellow silty loam known as the loess. This material borders the course of the Mississippi River from the extreme northwestern portion of the state to the junction of the Ohio. The great southeastern portion of Illinois is chiefly occupied by a shallow covering of loess-like material which overlies the deposits of one of the older periods of glaciation. This shallow loess is gray or ash colored, compact and dense, differing in this respect from the brown or yellow, well-drained, and friable loess of the deeper areas.

The soils of the glaciated plateau consist of brown to almost black loams and silty loams which occupy the ridges, the gentle slopes, and all except the most depressed areas. All these soils are suited to the production of the principal staple crops of the climate. The soils of the deep loess in the west central portion of the state are prevailingly brown silty loams, deep, well-drained, and of undulating surface configuration, well suited not only to the production of the staple crops, but also in many instances to the raising of orchard fruits.

A very large proportion of the total land area of the state is topographically suited to the best forms of agricultural occupation, while the great variety of soil, the wide range of climatic conditions, and the favorable location of the state with respect to transportation and to markets have made possible a diversified and profitable agriculture.

The two maps on the opposite page show, for the different counties, the proportion of the total land area which is in farms and the average value of farm land per acre. Of the state's entire land area over nine-tenths is in farms, and as shown by the first map only one county has less than three-fifths and only four other counties have less than four-fifths of their land in farms.

The counties in the central and northern parts of the state have in the greater number of cases from 90 to 95 per cent of their land in farms and a comparatively large number have over 95 per cent. The southern counties show in frequent instances from 80 to 90 per cent of their total area in farms.

The average value of farm land per acre for the whole state is \$95.02. The second map shows that in 20 counties, mainly grouped in the east central part, the average value per acre is \$125 or over. Bordering this group and mainly included in a belt just north of it are the counties in which the average value per acre ranges from \$100 to \$125. Most of the southern third of the state consists of counties which show an average value per acre of from \$25 to \$50, while the northern and western portions are fairly evenly divided between the counties in which the average value ranges either from \$50 to \$75 per acre or from \$75 to \$100 per acre.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there was an increase of 817,041, or 16.9 per cent, in the population of the state, while there was a decrease of 12,279, or 4.6 per cent, in the number of farms, and of 271,791 acres, or 0.8 per cent, in the area of farm land. As a result of the greater relative decrease in the number of farms, as compared with the total area of farm land, the average size of farms increased about 5 acres.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has shown an increase in value during the decade which approaches \$2,000,000,000. This great increase was chiefly made up of increases of over \$1,576,000,000 in the value of land and of \$180,914,000 in the value of buildings. There was also an increase of \$143,793,000 in the value of farm equipment, including implements and machinery and live stock, of which more than four-fifths represents the gain in the value of live stock. In considering the increase of

values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The average value of a farm with its equipment in 1900 was about \$7,600, while 10 years later it was \$15,505. The average value of land rose from \$46.17 per acre in 1900 to \$95.02 in 1910, this advance being

accompanied by increases in the average value per farm 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. ¹	
			Amount.	Per cent.
Population.....	5,638,591	4,821,550	817,041	16.9
Number of all farms.....	251,872	264,151	-12,279	-4.6
Approximate land area of the state.....acres..	35,867,520	35,841,280	² 26,240	.....
Land in farms.....acres..	32,522,937	32,794,728	-271,791	-0.8
Improved land in farms.....acres..	28,048,323	27,699,219	349,104	1.3
Average acres per farm.....	129.1	124.2	4.9	3.9
Value of farm property: Total.....	\$3,905,321,075	\$2,004,316,897	\$1,901,004,178	94.8
Land.....	3,090,411,148	1,514,113,970	1,576,297,178	104.1
Buildings.....	432,381,422	251,467,580	180,913,842	71.9
Implements and machinery.....	73,724,074	44,977,310	28,746,764	63.9
Domestic animals, poultry, and bees....	308,804,431	193,768,037	115,046,394	59.4
Average value of all property per farm.....	\$15,505	\$7,588	\$7,917	104.3
Average value of land per acre.....	\$95.02	\$46.17	\$48.85	105.8

¹ A minus sign (-) denotes decrease.

² Due to drainage of lakes and swamps.

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

CEN- SUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- proved.
		Num- ber.	Per cent of in- crease. ¹	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910...	5,638,591	251,872	-4.6	32,522,937	-0.8	28,048,323	90.7	86.2
1900...	4,821,550	264,151	9.8	32,794,728	7.5	27,699,219	91.5	84.5
1890...	3,826,352	240,081	-5.9	30,498,277	-3.7	25,669,060	85.0	84.2
1880...	3,077,871	255,741	20.1	31,673,645	22.4	20,115,154	88.3	82.5
1870...	2,539,891	202,803	41.5	25,882,861	23.8	19,329,952	72.2	74.7
1860...	1,711,951	143,310	88.1	20,911,989	73.7	13,096,374	58.3	62.6
1850...	851,470	76,208	.....	12,037,412	.....	5,039,645	33.6	41.9

¹ A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has increased by 4,787,121, or nearly six times.

There are 251,872 farms in Illinois, or more than three times as many as in 1850. The increase was very rapid from 1850 to 1880, averaging 5,984 per year. From 1880 to 1890 there was a considerable decrease in the number of farms, but between 1890 and 1900 the number increased 23,470, or 9.8 per cent, the total number in 1900 being the largest reported at any census. During the last decade, however, the

number decreased from 264,151 to 251,872, or 4.6 per cent. The decrease during the last decade was quite general throughout the state, as only 22 counties show even slight increases.

The land surface of Illinois is approximately 35,867,520 acres. Of this area 32,522,937 acres, or 90.7 per cent, are included in farms, while 28,048,323 acres, or 86.2 per cent of the total farm acreage, are reported as improved land, representing 78.2 per cent of the total land area of the state. The total acreage of farm land decreased 0.8 per cent during the last decade. Since the reported acreage of improved land increased from 1900 to 1910, while the total acreage in farms decreased, the percentage of farm land improved was higher in 1910 than in 1900.

The table preceding shows also the rapid increase from 1850 to 1880 in the total farm acreage and in the acreage of improved land. The proportion of the total land area of the state which was occupied by farms rose during this period from 33.6 to 88.3 per cent; since 1880 there has been little change in this proportion. The proportion which improved land formed of the total land in farms increased from 41.9 to 82.5 per cent between 1850 and 1880. Between 1880 and 1890 there was a decrease in the total farm acreage as well as in that of improved land. In each decade since 1890 improved land increased in acreage. The proportion of farm land improved reached 86.2 per cent in 1910.

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

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$3,905,321,075	94.8	\$3,522,702,570	99.5	\$73,724,074	63.9	\$308,804,431	59.4
1900.....	2,004,316,897	35.6	1,705,581,550	39.8	44,977,310	30.5	193,758,037	7.4
1890.....	1,477,769,187	25.7	1,202,870,587	25.1	34,456,938	2.1	180,431,662	36.2
1880.....	1,175,772,293	33.0	1,009,594,580	37.1	33,739,951	22.0	132,437,762	10.5
1870 ¹	883,871,705	77.2	736,405,077	80.1	27,661,270	60.5	119,806,358	65.2
1860.....	493,680,730	293.4	408,944,033	325.4	17,235,472	109.1	72,501,225	199.5
1850.....	126,748,109	.....	96,133,290	.....	6,405,561	.....	24,209,258	.....

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

The total wealth in the form of farm property is over \$3,900,000,000, of which 90.2 per cent is represented by land and buildings, 1.9 per cent by implements and machinery, and 7.9 per cent by live stock. The total value of farm property increased from 1900 to 1910 by over \$1,900,000,000, or 94.8 per cent. This was a greater absolute increase than that of the preceding half century, and a greater relative increase than during any other decade since 1860. The rate of increase of total value of farm property fell off at each census from 1860 to 1890. There have been very marked fluctuations in the decennial increases in value of domestic animals, the lowest increase being from 1890 to 1900.

Average acreage and values per farm: 1850 to 1910.—The changes which have taken place during the past 60 years in the average acreage of Illinois 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.....	129.1	\$15,505	\$13,980	\$293	\$1,226	\$108.32
1900.....	124.2	7,588	6,684	170	734	53.84
1890.....	126.7	6,140	5,247	143	750	41.41
1880.....	123.8	4,598	3,948	132	518	31.87
1870 ²	127.6	4,358	3,631	136	591	28.45
1860.....	145.9	3,480	2,854	120	506	19.56
1850.....	158.0	1,663	1,261	84	318	7.99

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

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

The average size of the Illinois farm decreased from 158 acres in 1850 to 123.8 acres in 1880. Since 1880 there has been a net increase of 5.3 acres. The average farm now contains 129.1 acres, and is larger than at any earlier census since 1860.

The average value of an Illinois farm, including its equipment, has grown during the last decade from \$7,588 to \$15,505, of which about \$14,000 represents the value of land and buildings, \$1,226 the value of live stock, and \$293 the value of implements and machinery. During the last decade the average value of land and buildings per acre of land has increased

\$54.48, or, in other words, has a little more than doubled. The value per farm of equipment, which includes implements and machinery and live stock, is nearly four times as great as it was 60 years ago.

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

TENURE.	1910	1900	1890	1880
Number of all farms.....	251,872	204,151	240,681	255,741
Farms operated by owners and managers.....	147,493	160,453	158,848	175,497
Farms consisting of owned land only.....	107,300	124,128	(¹)	(¹)
Farms consisting of owned and hired land.....	37,807	34,375	(¹)	(¹)
Farms operated by managers.....	2,386	1,950	(¹)	(¹)
Farms operated by tenants.....	104,379	103,698	81,833	80,244
Share tenants.....	43,551	65,525	62,651	59,624
Share-cash tenants ²	23,665			
Cash tenants.....	32,120	33,173	29,182	20,620
Tenure not specified ³	5,043			
Per cent of farms operated by—				
Owners and managers.....	58.6	60.7	66.0	68.6
Tenants.....	41.4	39.3	34.0	31.4
Share and share-cash.....	26.7	24.8	21.9	23.3
Cash and nonspecified.....	14.8	14.5	12.1	8.1

¹ Not reported separately.

² Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.

³ Prior to 1910 nonspecified tenants were included with cash tenants.

It is significant that the decrease of 12,279 in the total number of farms during the last decade is due entirely to a decrease of 12,960 in the number of farms operated by owners and managers, the number of those operated by tenants having increased 681.

In 1880 about thirty-one out of every one hundred Illinois farms were operated by tenants. This proportion increased during the following decades, and in 1910 about forty-one out of every one hundred farms were thus operated. Of these 41 tenant farms almost 15 were operated by cash tenants, including those with nonspecified tenure, and about 26 by share tenants and share-cash tenants.

Throughout the 30-year period, 1880 to 1910, the proportion of all farms operated by cash tenants (including those for which the form of tenure was not reported) has been increasing. Share tenants and share-cash tenants also show a net increase in proportion, though much less than cash tenants. In actual number of farms operated, cash tenants increased rapidly from 1880 to 1900, then decreased somewhat during the last decade. Share tenants' and share-cash tenants' farms, however, decreased considerably in number between 1880 and 1890, increased greatly during the next decade, and somewhat in the last 10 years. In 1880 share tenants and share-cash tenants were almost three times as numerous as cash tenants, including those with nonspecified tenure, and in 1910 they were considerably less than twice as numerous.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
	Total.....	32,522,937	32,794,728	28,048,323	27,699,219	\$3,522,792,570	$1,765,581,550
Owners.....	17,787,093	19,071,602	15,033,192	16,241,421	1,765,992,310	991,934,530
Managers.....	558,463	454,378	428,467	337,935	65,008,033	28,923,390
Tenants.....	14,177,411	12,668,748	12,586,664	11,119,863	1,691,792,227	744,723,630

The following table shows the per cent distribution, by tenure groups, of the items in the preceding table, and also 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.....	57.6	60.0	54.7	60.0	53.6	58.6	50.1	56.2
Managers.....	0.9	0.7	1.7	1.4	1.5	1.2	1.8	1.6
Tenants.....	41.4	39.3	43.6	38.6	44.9	40.1	48.0	42.2

It will be seen that, in 1910, 54.7 per cent of all land in farms was in farms operated by their owners (including part owners), 1.7 per cent in farms operated by managers, and 43.6 per cent in farms operated by tenants, the percentage for tenants and for managers being higher and that for owners lower than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (234.1 acres) was nearly one and three-fourths times as great as that of farms operated by tenants (135.8 acres), which was in turn larger than that of farms operated by owners (122.6 acres). The average size of farms operated by tenants and by managers increased between 1900 and 1910, while that of farms operated by owners decreased. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for farms operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		PER CENT OF FARM LAND IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	129.1	124.2	111.4	104.9	86.2	84.5	\$13,988	\$6,684	\$108.32	\$53.84
Owners.....	122.6	124.1	103.6	102.5	84.5	82.6	12,170	6,258	99.29	50.42
Managers.....	234.1	233.0	179.8	173.3	76.7	74.4	27,246	14,833	116.41	63.65
Tenants.....	135.8	122.2	120.6	107.2	88.8	87.8	16,208	7,132	119.33	53.78

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.....	145,107		158,394		160,065	
Free from mortgage.....	86,713	60.8	92,702	60.7	101,305	63.3
Mortgaged.....	55,792	39.2	60,063	39.3	58,760	36.7
Unknown.....	2,602		5,629			

¹ Includes all farms owned in whole or in part by the operator.
² The 1,813 "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 145,107. Of this number, 86,713 were reported as free from mortgage; 55,792 were reported as mortgaged; and for 2,602 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 39.2 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is almost exactly the same as it was in 1900, but is slightly larger than it was in 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 are not entirely comparable with the numbers reported at the later censuses, because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1900 farms free from mortgage decreased in number and farms mortgaged increased, while from 1900 to 1910 both classes decreased.

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 55,792 farms reported as mortgaged, 38,662 are wholly owned by the farmers, and for 36,938 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms,

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

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	36,938	58,760		
Value—Land and buildings.....	\$454,857,222	\$285,706,170		
Amount of mortgage debt.....	\$115,799,046	\$08,940,035		
Per cent of debt to value.....	25.5	3.6		
Average value per farm.....	\$12,314	\$4,862	\$7,452	153.3
Average debt per farm.....	\$3,135	\$1,684	\$1,451	86.2
Average equity per farm.....	\$9,179	\$3,178	\$6,001	188.8

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 20 years from \$1,684 to \$3,135, or 86.2 per cent, while the average value of such farms rose from \$4,862 to \$12,314, or 153.3 per cent, so that the owner's equity increased on the average from \$3,178 to \$9,179, or 188.8 per cent. As a result of the greater relative increase in farm value than in farm debt, the mortgage indebtedness, which was over a third of the value of the farms in 1890, had decreased in 1910 to slightly more than a quarter of this value.

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.....	251,872	264,151	-12,279	-4.6	100.0	100.0
Under 3 acres.....	845	1,854	-1,009	-54.4	0.3	0.7
3 to 9 acres.....	9,191	7,221	1,970	27.3	3.6	2.7
10 to 19 acres.....	10,258	10,500	-242	-2.3	4.1	4.0
20 to 49 acres.....	33,322	41,100	-7,778	-19.0	13.2	15.6
50 to 99 acres.....	57,917	65,851	-7,934	-12.0	23.0	24.9
100 to 174 acres.....	80,539	81,338	-799	-1.0	32.0	30.8
175 to 259 acres.....	38,315	35,679	2,636	7.7	15.2	13.5
260 to 499 acres.....	19,440	18,255	1,185	6.5	7.7	6.9
500 to 999 acres.....	1,842	2,051	-209	-10.2	0.7	0.8
1,000 acres and over.....	203	282	-79	-28.0	0.1	0.1

¹ A minus sign (-) denotes decrease.

Nearly one-third of the Illinois farms have an acreage of between 100 and 174; next in importance are the farms with 50 to 99 acres which comprise 23 per cent of the total. The farms with an acreage between 175 and 259 constitute 15.2 per cent of all Illinois farms. These three classes, ranging from 50 to 259 acres, together comprise seven-tenths of all farms. The number of places "under 3 acres," where agriculture is carried on, was reported as less than half as great in 1910 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 with an acreage of between 3 and 9 increased 27.3 per cent in number from 1900 to 1910. The number of all the sizes of farms with an acreage of between 10

and 174 has decreased. The larger farms, having an acreage of between 175 and 499, have increased in number, while the farms with over 500 acres, which formed less than 1 per cent of all farms at either census, decreased by 288. Farms between 3 and 19 acres and farms between 100 and 499 acres constitute a larger proportion of all farms in 1910 than in 1900, while the proportion of farms between 20 and 99 acres in size fell off.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 20,294), and also the farms of between 175 and 499 acres (numbering 57,755):

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	32,522,937	32,794,728	28,048,323	27,699,219	\$3,522,792,570	\$1,765,551,550
Under 20.....	186,520	194,355	169,510	175,937	50,074,577	36,409,850
20 to 49.....	1,129,308	1,431,732	973,339	1,215,414	111,860,899	75,032,560
50 to 99.....	4,337,599	4,079,857	3,795,085	4,278,083	405,785,654	249,377,060
100 to 174.....	10,964,517	11,065,345	9,672,197	9,612,946	1,174,188,111	598,552,120
175 to 499.....	14,446,916	13,481,125	12,384,215	11,287,892	1,627,581,457	731,723,640
500 to 999.....	1,135,951	1,258,084	840,000	908,205	116,284,511	59,889,620
1,000 and over.....	322,036	384,230	203,465	221,262	28,097,361	14,599,900

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

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	8.1	7.4	0.6	0.6	0.6	0.0	1.7	2.1
20 to 49 acres.....	18.2	15.6	3.5	4.4	3.5	4.4	3.2	4.2
50 to 99 acres.....	23.0	24.9	13.3	15.2	13.5	15.4	11.5	14.1
100 to 174 acres.....	32.0	30.8	33.7	33.7	34.5	34.7	33.3	33.9
175 to 499 acres.....	22.9	20.4	44.4	41.1	44.2	40.7	46.2	41.4
500 to 999 acres.....	0.7	0.8	3.5	3.8	3.0	3.3	3.3	3.4
1,000 acres and over.....	0.1	0.1	1.0	1.2	0.7	0.8	0.8	0.8

Of the total farm acreage of the state in 1910, 44.4 per cent was in farms of 175 to 499 acres, and 33.7 per cent in farms of 100 to 174 acres, these two being from the standpoint of aggregate acreage the most important size groups. Between 1900 and 1910 the proportion of the total acreage in farms of 175 to 499 acres increased somewhat, the proportion in farms of 100 to 174 and also that in farms of less than 20 acres remained the same, while the proportion in farms of all the other size groups decreased.

In general, as shown by the next table, the percentage of farm land improved diminishes as the size of the farms increases. Owing to the fact that buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings is very much higher for farms of under 20 acres than for those in any other group; the

average value is higher in farms of the three size groups of between 100 and 999 acres, however, than in those of the two size groups of between 20 and 99 acres.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900
Total.....	86.2	84.5	\$13,986	\$6,684	\$108.32	\$53.84
Under 20 acres.....	90.9	90.5	2,911	1,854	316.72	187.34
20 to 49 acres.....	88.2	84.9	3,357	1,823	99.04	62.41
50 to 99 acres.....	87.5	85.9	7,008	3,787	93.55	50.08
100 to 174 acres.....	88.2	86.9	14,579	7,359	107.09	54.09
175 to 499 acres.....	85.7	83.7	28,181	13,592	112.66	54.28
500 to 999 acres.....	74.8	72.2	63,129	29,200	102.37	47.60
1,000 acres and over.....	63.2	57.6	138,115	51,702	87.06	37.99

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.

Over six-sevenths of the Illinois farmers were native whites, and nearly one-seventh foreign-born whites, only 1,425, or 0.6 per cent, being other than white, comprising 1,422 negroes, 2 Indians, and 1 Chinese. Of the

native whites, 41.9 per cent were tenants, as compared with 38.2 per cent among foreign-born whites and 43.4 per cent among the nonwhites.

Of the 33,394 foreign-born white farmers in Illinois in 1910, 17,811 were born in Germany, 4,267 in Sweden, 2,422 in England, 2,185 in Ireland, 998 in Holland, 982 in Norway, 878 in Denmark, 679 in Canada, and 626 in Switzerland. Other European countries were represented by a total of 2,473 farmers, and non-European countries, other than Canada, by 73.

The table which follows shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Owners.	Tenants.	Managers.
Total.....	251,872	100.0	145,107	104,379	2,386	57.6	41.4	0.9
Native white.....	217,053	86.2	123,007	91,014	2,132	57.1	41.0	1.0
Foreign-born white.....	33,394	13.3	20,411	12,747	236	61.1	38.2	0.7
Negro and other nonwhite.....	1,425	0.6	789	618	18	55.4	43.4	1.3

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 bulletin, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

Of the total number of farms enumerated, 246,353, or 97.8 per cent, report domestic animals of some kind, the number without any domestic animals being only 5,519.

Of all the farms in the state, 91.7 per cent report cattle, 90.6 per cent "dairy cows," and only 23.7 per cent "other cows." About 1 per cent of the farms reporting cattle have no dairy cows. The total number of cows increased somewhat during the decade, while the average value of dairy cows increased from \$34.02 to \$39.22. The farms reporting dairy cows show an average of nearly 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 723,322 to 324,079, and the average value decreasing from \$9.95 to \$7.64.

Horses are reported by 93.5 per cent of all the farms in the state, while 33.3 per cent report colts born in 1909 and 15.4 per cent report spring colts. The average value of mature horses is reported as \$120.55.

More than one farmer out of every five reports mules. The average values of mules of the different age groups are somewhat higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 26,262 farms, or 10.4 per cent of all the farms in the state. Of these 26,262 farms, 84.5 per cent report spring lambs, the number of the latter being equal to 68.8 per cent of the number of ewes. Ewes are reported from all but 962 of the farms reporting sheep, and for the farms reporting the average is 23 ewes per farm. The farms reporting rams and wethers show an average of over 6 per farm.

Of all farms, 75.8 per cent report swine, the average number being over 24 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$12.45, while that of spring pigs is about one-seventh as much.

The next table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex

groups, while horses, mules, and swine are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	246,353	97.8	.....	\$296,619,153	.....
Cattle	231,000	91.7	2,440,577	73,454,745	\$30.10
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	228,267	90.6	1,050,223	41,189,997	39.22
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	59,588	23.7	281,957	8,436,327	29.92
Heifers born in 1909.....	109,463	43.5	306,969	5,346,736	17.42
Calves born after Jan. 1, 1910.....	121,031	48.1	324,079	2,476,015	7.64
Steers and bulls born in 1909.....	58,558	23.2	205,564	4,289,719	20.87
Steers and bulls born before Jan. 1, 1909.....	36,627	14.5	271,785	11,715,951	43.11
Horses	235,407	93.5	1,452,887	163,363,400	112.44
Mares, stallions, and geldings born before Jan. 1, 1909.....	234,217	93.0	1,264,202	152,396,336	120.55
Colts born in 1909.....	83,916	33.3	138,447	9,210,361	66.53
Colts born after Jan. 1, 1910.....	38,685	15.4	50,238	1,756,703	34.97
Mules	54,572	21.7	147,833	18,140,335	122.71
Mules born before Jan. 1, 1909.....	45,925	18.2	121,450	16,396,322	135.00
Mule colts born in 1909.....	10,762	4.3	10,181	1,467,711	76.52
Mule colts born after Jan. 1, 1910.....	6,179	2.5	7,202	276,302	38.36
Asses and burros	1,381	0.5	2,863	568,194	198.46
Swine	191,028	75.8	4,686,362	38,210,179	7.73
Hogs and pigs born before Jan. 1, 1910.....	185,547	73.7	2,603,062	32,410,805	12.45
Pigs born after Jan. 1, 1910.....	103,909	41.3	2,083,300	3,793,374	1.82
Sheep	26,282	10.4	1,059,846	4,843,736	4.57
Ewes born before Jan. 1, 1910.....	25,300	10.0	583,457	3,500,953	6.00
Rams and wethers born before Jan. 1, 1910.....	11,793	4.7	74,997	463,735	6.18
Lambs born after Jan. 1, 1910.....	22,192	8.8	401,362	879,048	2.19
Goats	2,040	0.8	12,435	38,564	3.10

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	237,165	94.2	21,409,835	\$11,698,650	17,737,262
Chickens.....	237,067	94.1	20,563,850	10,941,491	16,600,728
Turkeys.....	43,324	17.2	189,411	374,544	446,020
Ducks.....	37,424	14.9	201,350	109,124	382,857
Geese.....	42,769	17.0	226,491	217,111	307,657
Guinea fowls.....	14,206	5.6	84,057	25,547	(¹)
Pigeons.....	6,703	2.7	144,208	27,445	(²)
All other ³	69	(⁴)	408	1,388	(²)

¹ Included with chickens.
² Not reported.
³ 47 farms report 151 peafowls, valued at \$381; 9 farms report 155 wild ducks, valued at \$475; 7 farms report 40 pheasants, valued at \$274; 4 farms report 55 wild geese, valued at \$183; 2 farms report 7 wild turkeys, valued at \$75.
⁴ Less than one-tenth of 1 per cent.

The increase in the number of fowls on Illinois farms during the last decade is 20.7 per cent, while

the value shows an increase from \$6,415,000 to \$11,697,000, or 82.3 per cent. This increase in number results from a gain in the number of chickens sufficient to offset a decrease in the number of turkeys, ducks, and geese. The number of farms reporting poultry decreased from 247,034 to 237,165, but the average number of fowls per farm reporting increased from 72 to 90. 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 34,932 in 1900 to 29,741 in 1910, or 14.9 per cent. The number of colonies of bees decreased from 179,953 to 155,846, or 13.4 per cent, and their value increased from \$486,164 to \$487,733, or 0.3 per cent. The average value of bees per farm reporting was \$13.92 in 1900 and \$16.40 in 1910. About one farm in every eight reports bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the next table age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total	130,179	.....	\$34,791,066	.....
All cattle.....	41,068	77,255	3,223,121	\$41.72
Dairy cows.....	40,138	51,192	2,338,728	45.69
Horses.....	106,719	234,629	28,833,742	122.89
Mules.....	2,730	10,835	1,523,689	140.59
Asses and burros.....	298	412	94,263	228.79
Swine.....	11,771	70,973	914,690	12.89
Sheep.....	281	31,069	191,308	6.16
Goats.....	1,107	1,900	10,253	5.40

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

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

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....	.....	\$331,410,219	.....	\$296,619,153	.....	\$34,791,066
All cattle.....	2,517,832	76,677,866	2,440,577	73,454,745	77,255	3,223,121
Dairy cows.....	1,101,415	43,528,725	1,050,223	41,189,997	51,192	2,338,728
Horses.....	1,687,516	192,197,142	1,452,887	163,363,400	234,629	28,833,742
Mules.....	158,671	19,664,624	147,833	18,140,335	10,835	1,523,689
Asses and burros.....	3,275	662,457	2,863	568,194	412	94,263
Swine.....	4,757,335	37,124,869	4,686,362	38,210,179	70,973	914,690
Sheep.....	1,090,915	5,035,044	1,059,846	4,843,736	31,069	191,308
Goats.....	14,335	48,817	12,435	38,564	1,900	10,253

The total value of all domestic animals in the state in 1910 was \$331,410,000, of which the value of animals not on farms constituted 10.5 per cent.

LIVE STOCK PRODUCTS.

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

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

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	228,267	90.6	1,050,223	Head	.....	.....
On farms reporting dairy products in 1909..	202,336	80.3	909,993	Head	.....	.....
On farms reporting milk produced in 1909.....	184,993	73.4	849,951	Head	.....	.....
Specified dairy products, 1909:						
Milk reported.....			320,240,399	Gals.	.....	.....
Butter made.....	168,488	66.9	46,009,992	Lbs.	\$10,493,217	\$0.23
Cheese made.....	379	0.2	81,918	Lbs.	8,390	0.10
Milk sold.....	31,674	12.6	158,031,333	Gals.	18,314,172	0.12
Cream sold.....	7,157	2.8	2,104,352	Gals.	1,515,070	0.72
Butter fat sold.....	6,640	2.6	4,637,745	Lbs.	1,210,748	0.26
Butter sold.....	114,723	45.5	24,442,251	Lbs.	5,674,630	0.23
Cheese sold.....	173	0.1	54,502	Lbs.	5,423	0.10
Total receipts from sales, 1909.....					26,720,849	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					31,542,209	
Specified dairy products, 1899:						
Butter made.....	186,084	70.4	52,403,450	Lbs.	.....	.....
Cheese made.....	609	0.2	823,485	Lbs.	.....	.....
Butter sold.....			26,395,166	Lbs.	4,306,553	0.16
Cheese sold.....			263,237	Lbs.	24,850	0.09

The number of farms reporting dairy cows on April 15, 1910, was 228,267, but only 202,336 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 184,993 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was

850,000. The amount of milk reported was 320,240,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 377 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented, comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$31,542,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About one-half of the milk produced in Illinois in 1909 was sold as such. A comparatively large quantity of milk and cream was sold on the butter fat basis. The butter made on farms was valued at \$10,493,000.

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

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

The total number of sheep of shearing age in Illinois on April 15, 1910, was 658,000, representing an increase of 4.7 per cent as compared with the number on June 1, 1900 (629,000). The approximate production of wool during 1909 was 682,000 fleeces, weighing 4,971,000 pounds, and valued at \$1,299,000. Of these totals

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 9,543 farmers who reported the possession of 180,881 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.

about one-sixth represents estimates. The number of fleeces produced in 1909 was 1.1 per cent greater than in 1899. The average weight per fleece in 1909 was 7.3 pounds, as compared with 7.1 pounds in 1899, and the average value per pound was 26 cents, as compared with 20 cents in 1899.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	25,504	658,484			
Wool produced, as reported, 1909.....	17,714		560,654	4,051,170	\$1,058,609
On farms reporting sheep April 15, 1910.....	15,961	477,603	494,904	3,605,776	942,332
On other farms.....	1,753		65,750	445,394	116,277
Total production of wool (partly estimated):					
1899.....			682,337	4,971,380	1,209,218
1909.....			674,625	4,709,742	966,746
Increase, 1899 to 1909.....			7,712	171,638	332,472
Per cent of increase.....			1.1	3.6	34.4

Goat hair and mohair: 1909 and 1899.—Although 2,040 farmers reported 12,435 goats on their farms April 15, 1910, only 184 reported the production of goat hair or mohair during 1909. These farmers reported 4,117 fleeces, weighing 14,922 pounds and valued at \$4,008. Although the production is still unimportant, an increase is shown over that in 1899. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

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

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	237,165	21,409,835		
On farms reporting eggs produced in 1909.....	214,100	20,061,542		
On other farms.....	23,065	1,348,293		
Eggs produced, as reported, 1909.....	214,863		93,554,983	\$17,698,603
Total production of eggs (partly estimated):				
1899.....			100,119,418	18,940,454
1909.....			80,402,070	8,942,401
Increase, 1899 to 1909.....			13,716,748	9,998,053
Per cent of increase.....			15.9	111.8
Eggs sold, as reported, 1909.....	198,309		62,036,387	11,745,315
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	216,520	20,270,103		
On other farms.....	20,636	1,139,732		
Poultry raised, as reported, 1909.....	218,132		No. of fowls.	14,584,010
Total poultry raised (partly estimated):			30,630,613	
1909.....			32,352,888	15,404,028
1899.....			11,307,599	4,096,429
Increase, 1899 to 1909.....				36.2
Per cent of increase.....			12,096,388	6,335,037
Fowls sold, as reported, 1909.....	178,366			

The total number of fowls on Illinois farms on April 15, 1910, was 21,410,000. Of the 237,165 farms reporting fowls, 23,065 did not report any eggs produced in 1909, and 20,636 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 93,555,000 dozens, valued at \$17,699,000. According to the Twelfth Census

reports, the production of eggs in 1899 was 86,403,000 dozens, the value being \$8,942,000. 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 100,119,000 dozens, valued at \$18,940,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 32,353,000 fowls, valued at \$15,404,000.

Honey and wax: 1909.—Although, as noted elsewhere, 29,741 farms reported 155,846 colonies of bees on hand April 15, 1910, 16,726 of these farms, with 61,304 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 1,428,640 pounds of honey, valued at \$194,625, and 26,240 pounds of wax, valued at \$6,138. 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 Illinois farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
1909—All domestic animals:				\$132,622,547	
Sold.....				14,438,127	
Slaughtered.....					
Calves:					
Sold.....	89,410	35.5	410,599	3,078,769	\$7.50
Slaughtered.....	11,125	4.4	81,079	471,079	5.81
Other cattle:					
Sold.....	106,050	42.1	1,029,835	44,336,655	43.05
Slaughtered.....	19,120	7.6	38,466	1,011,427	26.29
Horses:					
Sold.....	62,018	24.6	165,925	22,581,045	136.09
Mules:					
Sold.....	16,876	6.7	52,426	6,447,779	122.99
Asses and burros:					
Sold.....	363	0.1	2,023	114,391	56.41
Swine:					
Sold.....	139,516	55.4	3,745,300	53,218,325	14.21
Slaughtered.....	172,486	68.5	762,545	12,927,677	16.95
Sheep:					
Sold.....	12,948	5.1	534,030	2,833,972	5.31
Slaughtered.....	1,649	0.7	4,284	27,350	6.38
Goats:					
Sold.....	373	0.1	4,232	11,611	2.74
Slaughtered.....	97	(1)	199	694	2.98
1899—All domestic animals:				69,462,993	
Sold.....				10,154,596	
Slaughtered.....					

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 the year was \$132,623,000 and that of animals slaughtered on farms \$14,438,000, making an aggregate of \$147,061,000. 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 swine sold during 1909 represented about two-fifths of the total value of animals sold, and the value of the cattle (including calves) sold represented about 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 value of those slaughtered in 1899, which

amounted, respectively, to \$69,463,000 and \$10,155,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

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

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

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.					
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops.....							\$372,270,470	\$214,832,700	\$157,437,704	73.3	100.0	100.0
Crops with acreage reports.....	20,273,916	20,519,034	-245,118	-1.2	72.3	74.1	362,464,951	207,355,825	155,109,126	74.8	97.4	94.5
Cereals.....	16,536,457	16,709,010	-232,553	-1.4	59.0	60.5	297,523,098	164,784,437	132,738,601	80.5	79.9	76.7
Other grains and seeds.....	46,607	19,564	27,043	138.2	0.2	0.1	341,347	178,421	162,020	91.3	0.1	0.1
Hay and forage.....	3,349,435	3,343,910	5,525	0.2	11.9	12.1	40,560,220	25,508,019	14,991,601	58.0	10.9	11.9
Tobacco.....	1,313	2,242	-929	-41.4	(2)	(2)	80,389	85,411	-5,022	-5.9	(2)	(2)
Broom corn.....	38,452	95,137	-56,685	-59.6	0.1	0.3	1,457,172	2,357,006	-899,894	-38.2	0.4	0.1
Sugar crops.....	16,220	10,528	5,692	54.1	0.1	(2)	578,840	259,507	314,279	121.1	0.2	0.1
Sundry minor crops.....	5	3,185	-3,180	-99.8	(2)	(2)	1,393	45,231	-43,838	-98.0	(2)	(2)
Potatoes and sweet potatoes and yams.....	148,020	143,998	4,022	3.2	0.5	0.5	6,908,368	5,005,071	1,902,087	38.0	1.0	2.3
Other vegetables.....	120,291	110,845	9,446	8.5	0.4	0.4	9,392,206	5,304,908	4,087,393	77.0	2.5	2.5
Flowers and plants and nursery products.....	4,793	3,821	972	25.4	(2)	(2)	4,517,085	2,473,266	2,043,810	82.6	1.2	1.2
Small fruits.....	11,723	16,794	-5,071	-30.2	(2)	0.1	1,109,747	1,293,233	-183,486	-14.2	0.3	0.6
Crops with no acreage reports.....							9,805,519	7,476,881	2,328,638	31.1	2.6	3.5
Seeds.....							1,914,046	721,919	1,192,127	105.1	0.5	0.3
Fruits and nuts.....							4,304,847	4,168,600	136,347	3.3	1.2	1.9
Maple sugar and sirup.....							23,502	9,841	13,661	138.8	(2)	(2)
Forest products of farms.....							3,325,259	2,555,890	769,369	30.1	0.9	1.2
Miscellaneous.....							237,865	20,731	217,134	1,047.4	0.1	(2)

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

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

The total value of crops in 1909 was \$372,270,000. Of this amount, 97.4 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 20,273,916, representing 72.3 per cent of the total improved land in farms (28,048,323 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 Illinois agriculture is indicated by the fact that about four-fifths (79.9 per cent) of the total value of crops in 1909 was contributed by the cereals, and about one-tenth (10.9 per cent) by hay and forage. The remainder, representing in value about 9 per cent of the total, consisted mainly of potatoes and other vegetables, flowers and plants, nursery products, fruits and nuts, and forest products.

The total value of crops in 1909 was 73.3 per cent greater than that in 1899. This increase was clearly due to higher prices. There was a decrease of 1.2 per cent in the total acreage of crops for which acreage was reported, the principal decrease being in the acreage of cereals and broom corn, which were offset in part by increases for most of the other crops.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The leading crops shown in the next table, in the order of their importance as judged by their value, are corn, \$198,350,000; oats, \$59,694,000; hay and forage, \$40,560,000; wheat, \$38,001,000; potatoes, \$6,402,000; and broom corn, \$1,457,000. It will be observed, however, that several crops, statistics for which appear elsewhere, are more important than several of the crops mentioned.

By far the most important crop is corn, the acreage being nearly two and one-half times as great and the value over three times as great as the acreage and value of oats, which ranks second in both respects. Hay and forage is third in both acreage and value,

having approximately one-third the acreage and one-fifth the value of corn. Wheat, with an acreage about two-thirds as great as that of hay and forage, has a value almost nineteen-twentieths as great as the latter crop. The cereals combined are about five times as great in acreage and over seven times as great in value as all hay and forage.

Of the hay and forage crops, "timothy alone" ranks first in both acreage and value, constituting in each respect nearly one-half of the total. Second in rank is "timothy and clover mixed," with an acreage a little less than one-fourth and a value a little more than one-fourth those of all hay and forage. Following in order of acreage are "clover alone," "coarse forage," "other tame or cultivated grasses," and "wild, salt, or prairie grasses." In value these crops rank in similar order, except that "wild, salt, or prairie grasses" precedes "other tame or cultivated grasses."

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total		16,536,457	580,954,423	Bu...	\$297,523,098
Corn.....	226,954	10,045,839	390,218,676	Bu...	198,350,496
Oats.....	139,150	4,176,485	150,386,074	Bu...	59,693,819
Wheat, total.....	76,434	2,185,091	37,830,732	Bu...	38,000,712
Common winter.....	73,335	2,165,513	37,442,064	Bu...	37,617,431
Common spring.....	3,297	19,267	388,431	Bu...	378,347
Durum or macaroni.....	43	311	5,207	Bu...	4,994
Emmer and spelt.....	232	1,633	41,999	Bu...	20,754
Barley.....	7,074	63,325	1,613,559	Bu...	859,706
Buckwheat.....	566	4,666	68,125	Bu...	48,040
Rye.....	4,643	58,973	787,519	Bu...	523,374
Kafir corn and milo maize.....	174	415	7,739	Bu...	5,197
Other grains and seeds with acreage report, total		46,607	247,971	Bu...	341,347
Dry edible beans.....	627	1,153	6,866	Bu...	12,842
Peanuts.....	230	109	1,792	Bu...	2,111
Dry peas.....	4,534	41,076	185,020	Bu...	273,373
Broom corn seed.....	2	30	1,011	Bu...	5,050
Flaxseed.....	19	115	1,156	Bu...	1,548
Sorghum cane seed.....	5	155	3,122	Bu...	1,884
Sunflower seed.....	548	3,969	49,004	Bu...	44,539
Seeds with no acreage report, total		(1)			1,914,046
Timothy seed.....	2,875	(1)	153,166	Bu...	234,055
Clover seed.....	8,098	(1)	115,074	Bu...	793,049
Alfalfa seed.....	6	(1)	74	Bu...	800
Millet seed.....	69	(1)	14,898	Bu...	12,684
Other tame grass seed.....	4,014	(1)	1,006,154	Bu...	678,832
Flower and garden seeds.....	87	(1)			194,625
Hay and forage, total	176,355	3,349,435	4,354,466	Tons.	40,560,220
Timothy alone.....	109,050	1,587,219	1,947,572	Tons.	20,028,646
Timothy and clover mixed.....	46,913	827,625	1,123,254	Tons.	11,177,121
Clover alone.....	34,037	427,967	539,790	Tons.	4,660,696
Alfalfa.....	3,116	18,344	52,284	Tons.	583,476
Millet or Hungarian grass.....	6,852	33,968	46,918	Tons.	346,109
Other tame or cultivated grasses.....	6,631	128,258	122,888	Tons.	742,637
Wild, salt, or prairie grasses.....	6,415	112,978	128,531	Tons.	891,138
Grains cut green.....	10,426	80,226	99,828	Tons.	832,987
Coarse forage.....	12,230	132,827	293,108	Tons.	1,295,257
Root forage.....	34	33	293	Tons.	2,183
Potatoes	189,903	138,052	12,166,091	Bu...	6,401,598
Sweet potatoes and yams.....	19,675	10,568	1,050,932	Bu...	506,760
Tobacco.....	1,632	1,313	1,029,616	Lbs.	80,389
Broom corn.....	1,854	38,452	19,309,425	Lbs.	1,457,172
Sundry minor crops, totals		5			1,393
Ginseng.....	5	(2)			770
Willows.....	5	5	20,000	Lbs.	600

¹ 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.

² Less than 1 acre.

³ Includes small amounts of hemp and hops.

Potatoes, broom corn, and dry peas are important both in acreage and value, varying from 138,052 acres for potatoes down to 38,452 for broom corn, and in value from \$6,402,000 for potatoes down to \$273,000 for dry peas. Sweet potatoes and yams also are a crop of considerable importance. In value "clover seed," "timothy seed," and "other tame grass seed" show important amounts.

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.....	10,045,839	4,176,485	2,185,091	63,325	3,349,435	138,052
1899.....	10,276,335	4,570,034	1,826,143	21,375	3,349,410	136,663
1889.....	7,863,025	3,870,702	2,240,932	41,390	3,512,884	170,726
1879.....	9,019,331	1,959,889	3,218,542	55,267	2,467,302	(3)

¹ Not reported.

The acreage in corn, the leading crop in 1909, exceeded that in 1879 by over a million. From 1879 to 1889 there was a loss of more than a million acres, followed during the next 10 years by a gain of 2,403,310 acres, and in the following decade by a loss of nearly a quarter of a million acres. The acreage of oats nearly doubled during the first decade, made a gain of 699,332 acres during the next 10 years, and a decrease of 393,549 during the last decade, the acreage in 1909 being a little more than double that of 30 years before. Wheat decreased in acreage during the two decades following 1879 and increased during the last 10 years, showing in 1909 an acreage about two-thirds as great as in 1879. The acreage of barley decreased rapidly between 1879 and 1899, but nearly trebled during the last decade, making the acreage in 1909 greater than in 1879. Barley, however, is not an important crop as compared with the others shown in the above table. For hay and forage the greatest acreage was reached in 1889, followed by a decrease during the next 10 years and again by a slight increase during the last decade, the acreage in 1909 being one-third greater than in 1879.

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

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
	1909	1899	1909	1899	1909	1899	
Corn.....	90.1	93.1	35.8	37.1	-2.1	38.8 Bu.	\$19.74
Oats.....	55.2	59.8	14.9	16.5	-8.6	36.9 Bu.	14.39
Wheat.....	30.3	25.7	7.8	6.6	19.7	17.3 Bu.	17.39
Barley.....	2.8	0.8	0.2	0.1	196.3	25.5 Bu.	13.61
Hay and forage.....	70.0	68.7	11.9	12.1	0.2	1.20 Tons.	12.11
Potatoes.....	75.4	68.9	0.5	0.5	1.2	88.1 Bu.	46.37

¹ A minus sign (-) denotes decrease.

Of every 100 farms 90 report corn, 75 report potatoes, 70 report hay and forage, 55 report oats, and 29 report winter wheat. It will be noticed that the percentages reporting corn and oats have decreased during the past decade, while the proportions reporting other crops enumerated in the preceding table have increased. These six crops together occupy about 71 per cent of the improved land of the state.

The average value per acre of cereals combined is \$17.99, corn ranking above this average, other cereals below it. The average value per acre of hay and forage is about two-thirds that of the combined cereals. The average value per acre of potatoes is over two and a half times the average value of the combined cereals.

While the production of corn is very general over the state, the greatest acreages are in the central counties. Within this district a small group of counties in the north central part of the state show increases for the past 10 years. Increases are also shown for nearly all the counties in the southern part of the state. The largest percentages of decrease are in Jo Daviess, Mason, Madison, Cass, Schuyler, Menard, Cumberland, Winnebago, Macoupin, and Stephenson Counties.

Oats are grown throughout the state, though in very small amounts in the southern counties. A decrease in the oat acreage is reported from the greater portion of the state, increases being shown in only a few scattered counties. Wheat, which is grown principally in the western and southern parts of the state, shows very great increases in the western counties during the last 10 years, but decreases in the acreages of this crop are recorded for most of the southern and for a few of the northern counties. The hay and forage acreage is very evenly distributed over the state. About one-third of the counties show decreases in acreage of this crop, the largest relative losses being reported for Hancock, Livingston, Kendall, Lawrence, and McDonough Counties. Alfalfa has thus far made little headway, although grown in every county except two. Over half of the alfalfa acreage of the state is reported from the six counties of Lake, McHenry, Alexander, Kane, Peoria, and Cook.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—In 1909 the total acreage of potatoes and other vegetables was 268,911 and their value \$16,300,654. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 120,291 and their value \$9,392,000, both acreage and value being materially greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vege-

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.

tables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were, in 1909, 2,227 farms in the first class, representing about three-tenths of the total acreage of vegetables and more than one-third of the total value, the average acreage of vegetables per farm for these farms being 16.5 and the average value of product per acre \$89.45.

The raising of flowers and plants and of nursery products is also comparatively important in Illinois, 4,793 acres being devoted to them in 1909, and the product being valued at \$4,517,085. Most of the product was raised on a few farms where these branches of agriculture were carried on as an important business.

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

CROP.	FARMS REPORTING, 1909		ACRES.		VALUE OF PRODUCTS.	
	Num-ber.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	136,248	73.9	120,291	110,845	\$9,392,200	\$5,304,903
Farms reporting a product of \$500 or over.....	2,227	0.9	36,796	.....	3,201,585	.....
All other farms.....	134,021	73.1	83,495	.....	6,100,711	.....
Flowers and plants, total..	670	0.3	1,339	679	3,694,801	1,894,000
Farms reporting a product of \$250 or over.....	581	0.2	.....	.....	3,680,973	.....
All other farms.....	89	(²)	.....	.....	13,828	.....
Nursery products, total....	258	0.1	3,454	3,142	822,284	578,300
Farms reporting a product of \$250 or over.....	95	(²)	.....	.....	803,343	.....
All other farms.....	163	0.1	.....	.....	18,941	.....

¹ Does not include 33,046 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.....		11,723	16,794	13,602,676	\$1,109,747
Strawberries.....	10,311	5,410	7,113	8,031,824	613,617
Blackberries and dewberries..	14,138	3,503	5,032	2,915,473	237,053
Raspberries and loganberries..	8,156	1,945	2,909	1,834,337	191,401
Currants.....	3,635	252	640	205,853	21,863
Gooseberries.....	8,131	603	491	541,498	44,238
Cranberries.....	166	10	1	13,413	1,248
Other berries.....	1	(¹)	608	268	22

¹ Less than 1 acre.

Strawberries are by far the most important of the small fruits grown in Illinois, with blackberries and dewberries and raspberries and loganberries ranking second and third, respectively. The total acreage of small fruits in 1909 was 11,723 and in 1899, 16,794, a decrease of 30.2 per cent. The production in 1909

was 13,603,000 quarts as compared with 26,129,000 quarts in 1899, and the value \$1,110,000, as compared with \$1,293,000.

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

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. ¹	Value.	Quantity. ¹
Orchard fruits, total.....	15,033,743	3,919,287	4,939,211	\$3,857,743	9,787,211		
Apples.....	160,215	9,900,627	60,631	2,548,301	3,093,321	2,111,866	9,178,150
Peaches and nectarines.....	114,105	2,860,120	34,411	739,358	1,222,570	999,516	66,805
Pears.....	68,556	786,349	25,593	234,037	249,365	202,965	133,745
Plums and prunes.....	69,352	600,087	18,468	141,480	78,566	80,384	157,941
Cherries.....	104,808	843,283	30,137	239,605	287,376	453,474	204,279
Apricots.....	4,996	12,328	1,514	4,246	1,250	1,457	1,437
Quinces.....	7,560	30,804	2,547	12,180	6,723	8,037	(?)
Mulberries.....	17	145	1	60	40	44	(?)
Unclassified.....							* 24,854
Grapes.....	75,818	2,170,340	11,468	287,734	16,582,785	426,468	20,009,400
Nuts, total.....	85,428	35,666	714,478	20,550	360,680		
Persian or English walnuts.....	87	772	12	1,045	3,497	331	
Pecans.....	755	28,330	218	8,223	107,066	10,301	41,380
Black walnuts.....	1,792	44,159	280	24,668	530,730	7,411	(?)
Butternuts.....	49	253	3	17	3,515	76	(?)
Chestnuts.....	59	678	22	1,315	4,833	321	(?)
Hickory nuts.....	363	10,805	16	223	60,124	1,954	(?)
Unclassified.....							* 319,300
Tropical fruits, total.....	21	271	11	237	1,008	86	23
Figs.....		124		201		26	

¹ Expressed in bushels for orchard fruits and pounds for grapes, nuts, and figs.
² Included with "Unclassified."
³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."
⁴ Includes almonds, hazelnuts, Japanese walnuts, filberts, bechnuts, Siberian nuts, and other nuts.
⁵ Includes Japanese persimmons.

The total quantity of orchard fruits produced in 1909 was 4,939,000 bushels, valued at \$3,858,000. Apples contributed about three-fifths of this quantity; peaches and nectarines ranking next in importance. The production of grapes in 1909 amounted to 16,583,000 pounds, valued at \$426,000, and that of nuts to 714,478 pounds, valued at \$20,550.

The production of all orchard fruits together in 1909 was 49.4 per cent less in quantity than in 1899, and the production of grapes also declined. The value of orchard fruits, however, increased from \$3,779,000 in 1899 to \$3,858,000 in 1909, and that of grapes from \$383,000 in 1899 to \$426,000 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.	Percent of all farms.	Unit.	1909	1899
Cider.....	7,335	2.9	Gals.....	678,437	2,345,394
Vinegar.....	3,841	1.5	Gals.....	267,242	642,732
Wine and grape juice.....	5,609	2.2	Gals.....	247,951	223,819
Dried fruits.....	1,809	0.7	Lbs.....	128,376	1,526,420

Sugar crops: 1909 and 1899.—The table below shows data with regard to maple trees and their products, and for sugar beets and sorghum cane. The total value of sorghum cane and sirup produced in 1909 was \$496,000 and in 1899, \$223,000; the total value of sugar beets produced in 1909 was \$77,732 and in 1899, \$36,223, and that of maple sugar and sirup produced in 1909 was \$23,502, as compared with \$9,841 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Num-ber.	Percent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	557	0.2	148,008			\$23,502
Sugar made.....	89	(?)		5,366	Lbs.....	1,113
Sirup made.....	548	0.2		18,492	Gals.....	22,389
Total, 1899.....	248	0.1				9,841
Sugar made.....				4,090	Lbs.....	478
Sirup made.....				9,337	Gals.....	9,363
Sugar beets:						
1909.....	293	0.1	1,181	14,981	Tons.....	77,732
1899.....	78	(?)	1,370	9,109	Tons.....	36,223
Sorghum cane:						
Total, 1909.....	21,971	8.7	15,039	90,257	Tons.....	496,000
Cane grown.....	1	(?)		240	Tons.....	360
Cane sold as such.....	21,968	8.7		977,238	Gals.....	490,569
Sirup made.....						223,344
Total, 1899.....	16,203	6.1	9,158	84,326	Tons.....	
Cane grown.....				5,165	Tons.....	14,257
Cane sold as such.....				625,939	Gals.....	299,047
Sirup made.....						

¹ Number of trees.
² Includes beets used as root forage.
³ Less than one-tenth of 1 per cent.
⁴ Includes cane used as coarse forage.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 54,618 farms in Illinois (21.7 per cent of all farms in the state) which reported forest products in 1909, the

total value of such products being \$3,325,259, as compared with \$2,555,890 in 1899, an increase of 30.1 per cent. Of the value in 1909, \$2,178,103 was reported as that of products used or to be used on the farms themselves, \$976,216 as that of products sold or for sale, and \$170,940 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 5,613 farmers in Illinois sold, during 1909, 59,602 tons of straw, for which they received \$214,603, and that 637 farmers sold 7,831 tons of cornstalks and leaves, for which they received \$23,262.

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.	1900		Amount.	1899	INCREASE. ¹	
	Farms reporting.				Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	139,941	55.6	\$36,308,376	\$22,182,550	\$14,125,826	63.7
Feed.....	94,143	37.4	13,915,623	(²)		
Fertilizer.....	11,207	4.4	615,594	830,660	-215,066	-25.9

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

Over half of the farmers hire labor, and the average amount expended by those hiring is \$259. Of the total spent for labor, 22.9 per cent is in the form of rent and board. During the decade the total expended for labor increased 63.7 per cent. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

About three farmers out of every eight report some expenditure for feed, while less than 1 out of 20 re-

ports the purchase of fertilizer. About three-fourths as much was spent for fertilizer in 1909 as in 1899, the average expenditure in 1909 for fertilizer per farm reporting being \$54.93.

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Per cent of all farms.	Amount.	Unit.	
Total					\$104,425,194
Corn.....	102,733	40.8	128,518,179	Bu.....	70,454,460
Oats.....	80,222	31.9	69,981,451	Bu.....	28,182,106
Barley.....	1,403	0.6	305,044	Bu.....	104,704
Hay and coarse forage....	40,654	16.1	565,217	Tons...	5,623,804

While the total amount expended by Illinois farmers for the purchase of feed in 1909 was \$13,916,000, the total receipts from sales of feed by those reporting sales amounted to \$104,425,000.

COUNTY TABLES.

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

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

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

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

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

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

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

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Adams.	Alexander.	Bond.	Boone.	Brown.
1 Population.....	5,638,591	64,588	22,741	17,075	15,481	10,397
2 <i>Population in 1900.....</i>	<i>4,821,550</i>	<i>67,058</i>	<i>19,384</i>	<i>16,078</i>	<i>15,791</i>	<i>11,537</i>
3 Number of all farms.....	251,872	4,036	698	1,958	1,322	1,516
4 <i>Number of all farms in 1900.....</i>	<i>234,151</i>	<i>4,224</i>	<i>772</i>	<i>1,908</i>	<i>1,321</i>	<i>1,606</i>
Color and nativity of farmers:						
5 Native white.....	217,053	3,629	577	1,816	858	1,460
6 Foreign-born white.....	33,394	393	14	124	464	66
7 Negro and other nonwhite.....	1,425	14	107	18		
Number of farms, classified by size:						
8 Under 3 acres.....	845	10	3	2	1	3
9 3 to 9 acres.....	9,191	187	15	40	37	58
10 10 to 19 acres.....	10,258	231	19	73	31	60
11 20 to 49 acres.....	33,322	493	200	299	87	225
12 50 to 99 acres.....	57,917	922	204	582	302	393
13 100 to 174 acres.....	80,539	1,316	142	561	582	481
14 175 to 259 acres.....	38,315	572	51	250	212	181
15 260 to 499 acres.....	19,440	280	47	113	69	103
16 500 to 999 acres.....	1,842	22	12	8	1	11
17 1,000 acres and over.....	203	3	5			1
LAND AND FARM AREA						
18 Approximate land area.....acres.	35,867,520	539,880	144,640	248,320	187,520	190,080
19 Land in farms.....acres.	32,522,937	495,864	82,896	228,286	172,312	181,939
20 <i>Land in farms in 1900.....</i>	<i>29,794,723</i>	<i>495,762</i>	<i>89,758</i>	<i>216,794</i>	<i>173,674</i>	<i>180,953</i>
21 Improved land in farms.....acres.	28,048,323	358,573	49,898	197,900	146,091	132,464
22 <i>Improved land in farms in 1900.....</i>	<i>27,699,219</i>	<i>387,197</i>	<i>49,814</i>	<i>186,134</i>	<i>145,371</i>	<i>130,575</i>
23 Woodland in farms.....acres.	3,147,879	79,118	28,815	16,697	10,437	35,802
24 Other unimproved land in farms.....acres.	1,326,735	28,173	4,688	8,680	15,784	13,573
25 Per cent of land area in farms.....	90.7	92.0	57.3	89.9	91.9	95.7
26 Per cent of farm land improved.....	86.2	78.4	60.2	88.6	84.8	72.8
27 Average acres per farm.....	129.1	122.9	118.8	114.0	130.3	120.0
28 Average improved acres per farm.....	111.4	96.3	71.5	101.1	110.5	87.4
VALUE OF FARM PROPERTY						
29 All farm property.....dollars.	3,905,321,075	45,275,196	3,809,774	14,306,009	20,849,153	15,905,363
30 <i>All farm property in 1900.....</i>	<i>2,004,316,897</i>	<i>25,309,025</i>	<i>2,239,872</i>	<i>7,058,670</i>	<i>12,675,793</i>	<i>7,639,165</i>
31 Per cent increase, 1900-1910.....	94.8	78.9	70.3	102.7	64.5	108.2
32 Land.....dollars.	3,090,411,148	33,156,464	2,824,712	10,144,138	14,531,088	11,705,422
33 <i>Land in 1900.....</i>	<i>1,514,113,970</i>	<i>18,318,240</i>	<i>1,612,110</i>	<i>4,732,970</i>	<i>8,249,830</i>	<i>5,240,710</i>
34 Buildings.....dollars.	432,351,422	6,588,008	496,289	1,884,830	3,569,500	1,951,265
35 <i>Buildings in 1900.....</i>	<i>251,467,580</i>	<i>3,853,890</i>	<i>286,110</i>	<i>1,161,700</i>	<i>2,097,500</i>	<i>1,117,850</i>
36 Implements and machinery.....dollars.	73,724,074	115,645	291,476	537,432	312,320	321,581
37 <i>Implements, etc., in 1900.....</i>	<i>44,877,310</i>	<i>697,320</i>	<i>95,180</i>	<i>312,960</i>	<i>312,320</i>	<i>192,500</i>
38 Domestic animals, poultry, and bees.....dollars.	1,308,894,431	4,517,237	373,123	1,935,565	2,211,133	1,807,085
39 <i>Domestic animals, etc., in 1900.....</i>	<i>193,738,037</i>	<i>2,539,475</i>	<i>215,472</i>	<i>951,049</i>	<i>1,416,953</i>	<i>1,068,095</i>
Per cent of value of all property in—						
40 Land.....	79.1	73.2	74.1	70.9	69.7	74.2
41 Buildings.....	11.1	14.6	13.0	13.2	17.1	12.5
42 Implements and machinery.....	1.9	2.2	3.0	3.0	2.6	2.0
43 Domestic animals, poultry, and bees.....	7.9	10.0	9.8	13.9	10.6	11.4
Average values:						
44 All property per farm.....dollars.	15,505	11,218	5,458	7,306	15,771	10,492
45 Land and buildings per farm.....dollars.	13,956	9,848	4,758	6,143	13,692	9,088
46 Land per acre.....dollars.	95.02	66.87	34.08	45.43	64.33	64.83
47 <i>Land per acre in 1900.....</i>	<i>56.17</i>	<i>36.95</i>	<i>18.29</i>	<i>21.83</i>	<i>60.96</i>	<i>23.00</i>
DOMESTIC ANIMALS (farms and ranges)						
48 Farms reporting domestic animals.....	246,353	3,944	674	1,905	1,308	1,474
49 Value of domestic animals.....dollars.	296,619,153	4,332,477	359,443	1,869,403	2,141,911	1,730,358
Cattle:						
50 Total number.....	2,440,577	37,050	1,879	18,491	27,632	12,773
51 Dairy cows.....	1,050,223	14,158	906	11,163	17,611	3,771
52 Other cows.....	281,957	5,375	249	917	1,714	2,029
53 Yearling heifers.....	306,969	4,590	253	2,723	3,064	1,777
54 Calves.....	324,079	4,792	245	2,504	1,600	1,000
55 Yearling steers and bulls.....	205,564	4,213	185	646	1,007	1,761
56 Other steers and bulls.....	271,785	3,922	41	538	961	1,835
57 Value.....dollars.	73,454,745	1,001,021	43,738	558,267	851,702	389,712
Horses:						
58 Total number.....	1,452,887	20,272	1,245	10,179	8,396	7,844
59 Mature horses.....	1,264,202	17,637	1,116	8,551	7,562	6,727
60 Yearling colts.....	138,447	1,832	63	1,162	703	738
61 Spring colts.....	50,238	803	66	466	101	379
62 Value.....dollars.	163,363,400	2,077,292	119,880	971,922	952,394	875,200
Mules:						
63 Total number.....	147,833	2,414	1,142	1,717	44	741
64 Mature mules.....	121,450	1,864	1,093	1,094	40	554
65 Yearling colts.....	19,181	366	27	427	3	149
66 Spring colts.....	7,202	184	22	196	1	38
67 Value.....dollars.	18,140,335	287,346	146,888	174,689	5,190	93,582
Asses and burros:						
68 Number.....	2,863	47	5	44		33
69 Value.....dollars.	568,194	14,050	1,225	9,285		7,390
Swine:						
70 Total number.....	4,686,362	131,582	8,022	17,955	23,037	44,204
71 Mature hogs.....	2,603,062	69,721	5,291	11,001	24,355	24,355
72 Spring pigs.....	2,083,300	61,861	2,731	6,954	10,464	19,849
73 Value.....dollars.	30,210,179	827,434	46,123	120,437	206,539	316,875
Sheep:						
74 Total number.....	1,059,846	31,223	440	7,875	20,686	10,835
75 Rams, ewes, and wethers.....	658,484	19,513	295	4,603	18,376	5,979
76 Spring lambs.....	401,362	11,710	145	3,272	2,310	4,856
77 Value.....dollars.	4,843,736	124,206	1,547	33,802	120,036	47,326
Goats:						
78 Number.....	12,435	365	16	269	11	91
79 Value.....dollars.	38,564	1,128	42	1,001	50	273
POULTRY AND BEES						
80 Number of poultry of all kinds.....	21,409,835	327,869	28,250	219,224	119,401	128,010
81 Value.....dollars.	11,696,650	177,290	12,864	113,467	67,826	73,220
82 Number of colonies of bees.....	155,846	2,585	384	935	385	1,323
83 Value.....dollars.	487,733	7,520	821	2,695	1,396	3,507

¹ Includes \$395 for "all other animals," as follows: Elk, \$300; deer, \$95.

TABLE 1.—FARMS AND FARM PROPERTY.

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

	Dekalb.	Dewitt.	Douglas.	Dupage.	Edgar.	Edwards.	Effingham.	Fayette.
1 Population.....	33,457	18,906	19,591	33,432	27,336	10,049	20,055	28,075
2 <i>Population in 1900.....</i>	<i>31,756</i>	<i>18,972</i>	<i>19,097</i>	<i>28,196</i>	<i>28,273</i>	<i>10,345</i>	<i>20,466</i>	<i>28,065</i>
3 Number of all farms.....	2,481	1,655	1,839	1,599	2,607	1,327	2,386	4,028
4 <i>Number of all farms in 1900.....</i>	<i>2,560</i>	<i>1,691</i>	<i>2,086</i>	<i>1,704</i>	<i>2,105</i>	<i>1,219</i>	<i>2,421</i>	<i>4,056</i>
5 Color and nativity of farmers:								
6 Native white.....	1,772	1,576	1,745	1,023	2,569	1,251	2,126	3,800
7 Foreign-born white.....	707	78	93	575	35	73	260	228
8 Negro and other nonwhite.....	2	1	1	1	3	3		
9 Number of farms, classified by size:								
10 Under 3 acres.....	7	2	2	14	4	1	1	2
11 3 to 9 acres.....	68	72	81	62	85	53	59	102
12 10 to 19 acres.....	41	65	72	81	95	47	77	130
13 20 to 49 acres.....	135	150	181	165	300	220	353	800
14 50 to 99 acres.....	427	299	379	404	592	397	660	1,261
15 100 to 174 acres.....	968	544	582	624	725	383	701	1,167
16 175 to 259 acres.....	589	318	361	184	457	154	289	392
17 260 to 499 acres.....	226	191	170	61	307	59	145	154
18 500 to 999 acres.....	17	13	11	4	41	13	11	13
19 1,000 acres and over.....	3	1			1			2
LAND AND FARM AREA								
20 Approximate land area.....acres.	408,320	265,600	266,880	220,800	397,440	152,320	327,040	466,560
21 Land in farms.....acres.	388,838	243,901	256,478	178,000	381,150	147,164	311,310	417,832
22 <i>Land in farms in 1900.....</i>	<i>394,223</i>	<i>243,735</i>	<i>253,065</i>	<i>165,193</i>	<i>381,026</i>	<i>159,380</i>	<i>326,663</i>	<i>408,533</i>
23 Improved land in farms.....acres.	364,990	222,607	246,503	154,881	352,017	130,158	293,678	355,108
24 <i>Improved land in farms in 1900.....</i>	<i>352,190</i>	<i>219,880</i>	<i>241,316</i>	<i>162,798</i>	<i>357,157</i>	<i>118,619</i>	<i>291,308</i>	<i>352,109</i>
25 Woodland in farms.....acres.	12,724	17,210	9,242	18,234	23,026	16,175	40,321	51,031
26 Other unimproved land in farms.....acres.	11,118	4,174	733	10,485	6,107	831	7,311	11,605
27 Per cent of land area in farms.....	95.2	91.9	96.1	80.9	95.9	96.6	86.0	89.6
28 Per cent of farm land improved.....	93.9	91.2	96.1	86.7	92.4	88.4	83.1	85.0
29 Average acres per farm.....	156.7	147.4	139.5	111.7	146.2	110.9	117.9	103.7
30 Average improved acres per farm.....	147.1	134.5	134.0	96.9	135.0	98.1	97.9	88.2
VALUE OF FARM PROPERTY								
31 All farm property.....dollars.	58,047,143	41,810,300	51,593,650	25,174,987	59,230,903	9,825,503	16,953,704	25,480,267
32 <i>All farm property in 1900.....</i>	<i>50,071,716</i>	<i>18,323,473</i>	<i>20,787,948</i>	<i>18,463,265</i>	<i>26,436,507</i>	<i>4,069,190</i>	<i>8,311,778</i>	<i>11,045,902</i>
33 Per cent increase, 1900-1910.....	93.0	120.9	148.2	36.4	124.1	110.4	104.0	118.4
34 Land.....dollars.	44,466,585	35,797,767	44,377,392	17,553,512	50,569,241	6,984,131	12,292,211	18,442,610
35 <i>Land in 1900.....</i>	<i>21,059,730</i>	<i>15,522,310</i>	<i>16,479,640</i>	<i>15,422,310</i>	<i>20,581,030</i>	<i>5,188,970</i>	<i>5,581,010</i>	<i>8,421,700</i>
36 Buildings.....dollars.	7,414,535	2,873,450	3,373,955	4,564,408	4,485,580	1,447,000	2,323,432	3,207,688
37 <i>Buildings in 1900.....</i>	<i>4,295,970</i>	<i>1,539,710</i>	<i>2,101,640</i>	<i>2,206,020</i>	<i>2,735,020</i>	<i>776,930</i>	<i>1,325,630</i>	<i>1,592,680</i>
38 Implements and machinery.....dollars.	1,219,776	606,491	776,999	596,617	741,420	232,951	400,803	612,610
39 <i>Implements, etc., in 1900.....</i>	<i>732,490</i>	<i>380,180</i>	<i>474,360</i>	<i>436,940</i>	<i>472,080</i>	<i>131,510</i>	<i>260,650</i>	<i>355,650</i>
40 Domestic animals, poultry, and bees.....dollars.	4,946,197	2,532,692	2,885,304	2,455,450	3,443,032	1,161,481	1,628,258	3,226,349
41 <i>Domestic animals, etc., in 1900.....</i>	<i>3,083,645</i>	<i>1,541,273</i>	<i>1,732,318</i>	<i>1,707,095</i>	<i>2,644,427</i>	<i>621,730</i>	<i>1,117,008</i>	<i>1,607,008</i>
42 Per cent of value of all property in—								
43 Land.....	76.6	85.6	80.4	69.7	85.4	71.1	72.5	72.4
44 Buildings.....	12.8	6.9	6.5	18.1	7.6	14.7	13.7	12.6
45 Implements and machinery.....	2.1	1.5	1.5	2.4	1.3	2.4	2.4	2.4
46 Domestic animals, poultry, and bees.....	8.5	6.1	5.6	9.8	5.8	11.8	11.4	12.7
47 Average values:								
48 All property per farm.....dollars.	23,397	25,263	28,055	15,744	22,723	7,404	7,105	6,328
49 Land and buildings per farm.....dollars.	20,911	23,366	20,075	13,835	21,118	6,356	6,126	5,375
50 Land per acre.....dollars.	114.30	146.72	173.81	98.31	132.68	47.46	43.70	44.14
51 <i>Land per acre in 1900.....</i>	<i>55.70</i>	<i>63.11</i>	<i>63.39</i>	<i>63.70</i>	<i>64.01</i>	<i>22.44</i>	<i>10.47</i>	<i>20.01</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	2,456	1,621	1,799	1,551	2,579	1,304	2,338	3,026
53 Value of domestic animals.....dollars.	4,793,632	2,458,410	2,708,980	2,379,602	3,323,003	1,083,843	1,789,359	3,020,010
54 Cattle:								
55 Total number.....	43,830	12,335	11,814	30,823	19,838	8,920	20,160	26,181
56 Dairy cows.....	19,820	5,280	4,814	21,352	6,743	3,497	10,572	11,822
57 Other cows.....	4,904	1,553	1,489	1,489	1,745	980	1,698	2,413
58 Yearling heifers.....	5,288	1,707	1,487	2,851	2,289	1,198	2,780	3,372
59 Calves.....	2,917	2,052	1,705	3,214	2,571	995	2,884	3,856
60 Yearling steers and bulls.....	2,965	1,016	1,229	916	2,056	1,216	1,283	2,300
61 Other steers and bulls.....	6,530	727	1,427	1,006	4,434	1,028	2,300	2,892
62 Value.....dollars.	1,400,227	415,177	423,997	1,127,143	674,183	240,083	523,147	729,002
63 Horses:								
64 Total number.....	20,555	13,463	14,034	8,734	17,535	5,710	10,415	17,174
65 Mature horses.....	18,025	11,376	12,070	7,780	15,485	4,984	8,977	14,032
66 Yearling colts.....	2,009	1,505	1,344	753	1,396	537	1,008	1,785
67 Spring colts.....	421	582	620	201	654	195	430	757
68 Value.....dollars.	2,455,007	1,592,772	1,831,504	1,055,073	1,876,092	567,386	973,117	1,673,380
69 Mules:								
70 Total number.....	284	919	1,469	104	2,169	832	1,008	2,226
71 Mature mules.....	270	795	1,315	100	1,731	652	855	1,692
72 Yearling colts.....	11	100	116	4	331	132	103	530
73 Spring colts.....	3	24	38		107	48	50	131
74 Value.....dollars.	45,888	127,880	215,035	12,060	282,960	93,725	113,117	230,021
75 Asses and burros:								
76 Number.....	4	11	14	7	37	41	23	82
77 Value.....dollars.	1,030	1,600	4,450	1,175	13,015	7,202	4,000	18,190
78 Swine:								
79 Total number.....	82,158	33,958	35,522	21,811	58,008	20,390	22,015	38,367
80 Mature hogs.....	46,653	18,637	18,517	12,435	33,175	11,451	14,630	24,256
81 Spring pigs.....	35,505	15,321	17,005	9,376	25,433	8,939	7,385	14,111
82 Value.....dollars.	819,942	293,517	262,349	176,389	424,900	134,931	153,375	274,793
83 Sheep:								
84 Total number.....	13,788	11,859	5,370	1,368	10,655	11,103	5,382	20,595
85 Rams, ewes, and wethers.....	9,126	7,651	3,236	898	6,761	6,428	3,454	12,417
86 Spring lambs.....	4,662	4,208	2,134	470	3,894	4,735	1,928	8,178
87 Value.....dollars.	71,438	37,300	31,075	7,682	51,053	40,175	22,252	95,478
88 Goats:								
89 Number.....	7	32	34	21	245	132	110	119
90 Value.....dollars.	70	104	70	80	884	341	351	281
POULTRY AND BEES								
91 Number of poultry of all kinds.....	235,670	129,063	146,835	124,000	208,593	131,908	270,655	373,854
92 Value.....dollars.	147,932	72,127	90,034	74,300	117,473	75,250	134,277	160,396
93 Number of colonies of bees.....	1,373	543	1,479	349	983	1,037	1,693	2,386
94 Value.....dollars.	4,613	2,055	6,290	1,548	3,096	2,388	4,622	6,943

TABLE 1.—FARMS AND FARM PROPERTY.

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

	Jasper.	Jefferson.	Jersey.	Jo Daviess.	Johnson.	Kane.	Kankakee.	Kendall.
1 Population.....	18,157	29,111	13,954	22,657	14,331	91,862	40,752	10,777
2 <i>Population in 1900.....</i>	<i>20,160</i>	<i>28,159</i>	<i>14,612</i>	<i>24,539</i>	<i>15,667</i>	<i>73,792</i>	<i>37,164</i>	<i>11,467</i>
3 Number of all farms.....	2,838	3,920	1,504	2,230	1,962	2,309	2,411	1,258
4 <i>Number of all farms in 1900.....</i>	<i>2,960</i>	<i>4,065</i>	<i>1,538</i>	<i>2,389</i>	<i>2,080</i>	<i>2,370</i>	<i>2,505</i>	<i>1,319</i>
5 Color and nativity of farmers:								
6 Native white.....	2,755	3,729	1,311	1,777	1,949	1,378	1,878	923
7 Foreign-born white.....	68	183	190	452	10	930	520	334
8 Negro and other nonwhite.....	15	8	3	1	3	1	7	1
9 Number of farms, classified by size:								
10 Under 3 acres.....	29	3	4	4	14	20	25	35
11 3 to 9 acres.....	65	80	63	59	47	129	34	67
12 10 to 19 acres.....	606	170	62	56	108	120	49	204
13 20 to 49 acres.....	990	1,110	170	145	442	187	102	481
14 50 to 99 acres.....	761	1,346	320	334	623	411	350	329
15 100 to 174 acres.....	260	864	461	815	501	812	945	107
16 175 to 259 acres.....	119	233	243	488	150	458	551	10
17 260 to 499 acres.....	7	101	174	304	67	162	259	31
18 500 to 999 acres.....	1	13	18	25	17	14	10	10
19 1,000 acres and over.....	1	1	1	7	7	2	10	10
LAND AND FARM AREA								
20 Approximate land area..... acres.....	325,120	385,920	234,880	398,720	222,720	337,280	427,520	207,360
21 Land in farms..... acres.....	290,375	330,340	215,933	363,150	201,438	309,284	402,237	185,774
22 <i>Land in farms in 1900.....</i>	<i>280,163</i>	<i>322,055</i>	<i>206,207</i>	<i>365,176</i>	<i>192,777</i>	<i>211,470</i>	<i>416,467</i>	<i>200,860</i>
23 Improved land in farms..... acres.....	263,336	286,556	156,271	265,097	144,572	255,550	371,730	178,408
24 <i>Improved land in farms in 1900.....</i>	<i>241,038</i>	<i>262,453</i>	<i>142,193</i>	<i>247,206</i>	<i>132,838</i>	<i>248,564</i>	<i>363,152</i>	<i>186,655</i>
25 Woodland in farms..... acres.....	26,137	45,323	40,650	61,861	53,983	28,072	19,722	13,110
26 Other unimproved land in farms..... acres.....	902	4,461	13,012	45,572	3,483	25,662	10,785	4,256
27 Per cent of land area in farms.....	89.3	87.2	91.9	91.1	90.4	91.7	94.1	94.4
28 Per cent of farm land improved.....	90.7	85.2	72.4	70.4	71.8	82.6	92.4	91.1
29 Average acres per farm.....	102.3	85.8	143.6	162.8	102.7	133.9	160.8	155.6
30 Average improved acres per farm.....	92.8	73.1	103.9	114.7	73.7	110.7	154.2	141.8
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	18,785,026	16,930,000	16,314,873	28,951,447	7,094,983	42,331,366	53,057,317	20,630,229
32 <i>All farm property in 1900.....</i>	<i>9,363,272</i>	<i>8,932,034</i>	<i>3,645,065</i>	<i>18,162,873</i>	<i>3,300,940</i>	<i>26,074,301</i>	<i>23,372,248</i>	<i>15,316,625</i>
33 Per cent increase, 1900-1910.....	100.0	88.5	88.5	59.5	80.7	62.5	89.1	93.5
34 Land..... dollars.....	13,480,551	11,645,248	11,976,741	20,075,043	4,477,933	29,237,261	43,816,257	22,870,721
35 <i>Land in 1900.....</i>	<i>6,330,500</i>	<i>5,977,590</i>	<i>6,160,530</i>	<i>12,415,460</i>	<i>2,329,610</i>	<i>17,811,560</i>	<i>22,330,340</i>	<i>11,257,220</i>
36 Buildings..... dollars.....	2,539,769	2,346,590	2,335,999	4,614,100	1,238,040	7,402,270	5,416,307	3,802,250
37 <i>Buildings in 1900.....</i>	<i>1,370,730</i>	<i>1,279,080</i>	<i>1,389,390</i>	<i>2,300,280</i>	<i>710,800</i>	<i>4,450,540</i>	<i>3,152,450</i>	<i>2,246,000</i>
38 Implements and machinery..... dollars.....	470,246	417,965	403,972	609,077	174,080	1,266,314	1,088,574	704,074
39 <i>Implements, etc., in 1900.....</i>	<i>307,960</i>	<i>274,300</i>	<i>253,650</i>	<i>421,550</i>	<i>143,650</i>	<i>632,550</i>	<i>640,580</i>	<i>450,650</i>
40 Domestic animals, poultry, and bees..... dollars.....	2,285,450	2,520,197	1,598,161	3,592,327	1,204,030	4,435,021	3,336,179	2,102,534
41 <i>Domestic animals, etc., in 1900.....</i>	<i>1,354,082</i>	<i>1,461,114</i>	<i>866,416</i>	<i>2,455,553</i>	<i>611,780</i>	<i>3,118,311</i>	<i>2,239,398</i>	<i>1,302,695</i>
42 Per cent of value of all property in—								
43 Land.....	71.8	68.8	73.4	69.3	63.1	69.0	81.7	77.2
44 Buildings.....	13.5	13.9	14.3	15.9	17.5	17.5	10.1	13.0
45 Implements and machinery.....	2.6	2.5	2.5	2.3	2.5	3.0	2.0	2.7
46 Domestic animals, poultry, and bees.....	12.2	14.9	9.8	12.4	17.0	10.6	6.2	7.1
47 Average values:								
48 All property per farm..... dollars.....	6,619	4,319	10,848	12,983	3,616	18,355	22,255	23,553
49 Land and buildings per farm..... dollars.....	5,645	3,569	9,616	11,072	2,914	15,808	20,420	21,250
50 Land per acre..... dollars.....	46.42	34.62	55.47	55.29	22.23	94.53	108.93	110.82
51 <i>Land per acre in 1900.....</i>	<i>22.60</i>	<i>13.66</i>	<i>29.87</i>	<i>34.00</i>	<i>12.03</i>	<i>57.19</i>	<i>53.79</i>	<i>50.05</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	2,814	3,848	1,463	2,192	1,877	2,248	2,376	1,230
53 Value of domestic animals..... dollars.....	2,126,538	2,330,224	1,522,748	3,475,825	1,157,232	4,361,369	3,198,871	2,024,051
54 Cattle:								
55 Total number.....	15,274	18,853	11,869	55,025	8,652	57,030	22,595	15,053
56 Dairy cows.....	6,938	8,971	5,058	21,575	3,247	33,524	11,562	6,900
57 Other cows.....	1,689	1,955	1,384	6,170	1,190	3,417	1,069	1,404
58 Yearling heifers.....	2,070	2,754	1,670	5,584	1,355	5,192	2,880	1,774
59 Calves.....	2,066	2,595	1,436	8,686	1,077	6,113	3,260	2,480
60 Yearling steers and bulls.....	1,493	1,465	1,313	5,892	1,227	1,307	1,865	1,027
61 Other steers and bulls.....	968	1,112	1,008	7,718	555	2,477	1,578	1,348
62 Value..... dollars.....	440,306	492,078	340,809	1,514,936	224,740	2,096,250	651,735	455,907
63 Horses:								
64 Total number.....	12,608	13,399	8,285	12,533	5,023	14,212	18,476	10,421
65 Mature horses.....	11,058	11,624	7,406	11,097	4,265	12,986	15,565	9,369
66 Yearling colts.....	1,182	1,296	598	1,255	496	1,027	2,084	843
67 Spring colts.....	370	479	281	181	262	199	827	219
68 Value..... dollars.....	1,322,445	1,237,336	768,808	1,279,244	536,857	1,734,791	2,280,274	1,220,868
69 Mules:								
70 Total number.....	903	3,403	782	91	2,166	291	355	154
71 Mature mules.....	704	2,211	591	84	1,584	257	313	140
72 Yearling colts.....	154	863	139	5	413	32	30	12
73 Spring colts.....	45	329	52	2	169	2	12	2
74 Value..... dollars.....	95,141	330,490	91,499	10,745	244,290	34,062	41,920	22,620
75 Asses and burros:								
76 Number.....	33	143	11	.....	113	3	5	.....
77 Value..... dollars.....	6,690	21,435	3,250	.....	22,185	525	510	.....
78 Swine:								
79 Total number.....	27,453	26,147	44,464	73,808	15,489	45,341	20,225	28,808
80 Mature hogs.....	16,677	15,686	25,217	32,817	9,723	27,495	12,602	14,932
81 Spring pigs.....	10,776	10,462	19,247	40,991	5,766	17,846	7,533	13,870
82 Value..... dollars.....	190,927	172,116	294,230	518,438	94,642	449,700	203,435	279,307
83 Sheep:								
84 Total number.....	17,043	18,354	4,833	32,520	8,412	8,243	2,408	7,376
85 Rams, ewes, and wethers.....	9,890	10,585	2,842	19,415	4,907	5,977	1,602	4,609
86 Spring lambs.....	7,153	7,789	1,991	13,105	3,505	2,266	806	2,767
87 Value..... dollars.....	70,864	76,588	24,083	152,059	34,381	45,881	11,672	39,789
88 Goats:								
89 Number.....	92	59	209	181	39	37	70	38
90 Value..... dollars.....	165	180	505	406	131	160	325	100
POULTRY AND BEES								
91 Number of poultry of all kinds.....	260,752	305,614	130,155	207,845	89,318	190,751	210,893	119,094
92 Value..... dollars.....	151,856	184,130	73,335	111,505	43,615	117,805	132,894	70,432
93 Number of colonies of bees.....	2,077	2,302	784	1,396	1,452	1,329	1,188	423
94 Value..... dollars.....	7,056	6,843	2,078	4,994	3,183	5,847	4,414	1,601

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Marion.	Marshall.	Mason.	Massac.	Menard.	Mercer.	Monroe.	Montgomery
1 Population.....	35,094	15,679	17,377	14,200	12,788	19,723	13,508	35,311
2 <i>Population in 1900.....</i>	<i>30,446</i>	<i>16,370</i>	<i>17,491</i>	<i>13,110</i>	<i>14,386</i>	<i>20,946</i>	<i>19,347</i>	<i>30,386</i>
3 Number of all farms.....	3,435	1,337	1,648	1,275	1,123	2,038	1,487	3,223
4 <i>Number of all farms in 1900.....</i>	<i>3,369</i>	<i>1,416</i>	<i>1,766</i>	<i>1,251</i>	<i>1,281</i>	<i>2,213</i>	<i>1,568</i>	<i>3,365</i>
5 Color and nativity of farmers:								
6 Native white.....	3,257	1,047	1,447	1,084	934	1,712	1,309	2,866
7 Foreign-born white.....	183	287	201	63	189	324	176	324
8 Negro and other nonwhite.....	10	3		128		2	2	3
9 Number of farms, classified by size:								
10 Under 3 acres.....	4	3		1	4	3		5
11 3 to 9 acres.....	103	42	45	37	34	37	33	105
12 10 to 19 acres.....	167	39	43	71	40	37	31	60
13 20 to 49 acres.....	802	67	90	268	91	157	75	388
14 50 to 99 acres.....	1,080	155	185	380	201	438	293	718
15 100 to 174 acres.....	818	498	524	349	310	699	680	1,123
16 175 to 259 acres.....	300	301	397	109	241	394	306	500
17 260 to 499 acres.....	143	211	331	49	153	238	86	280
18 500 to 999 acres.....	11	20	25	10	31	30	4	19
19 1,000 acres and over.....	2	1	2	1	4	5		
LAND AND FARM AREA								
20 Approximate land area..... acres.	364,160	253,440	355,200	153,000	202,880	345,600	248,960	440,960
21 Land in farms..... acres.	336,624	232,456	304,226	129,341	192,910	326,311	208,790	426,399
22 <i>Land in farms in 1900.....</i>	<i>328,734</i>	<i>234,973</i>	<i>309,133</i>	<i>101,761</i>	<i>191,761</i>	<i>330,702</i>	<i>207,206</i>	<i>433,655</i>
23 Improved land in farms..... acres.	287,048	195,827	267,261	94,575	176,038	271,415	165,439	381,175
24 <i>Improved land in farms in 1900.....</i>	<i>269,289</i>	<i>206,145</i>	<i>260,145</i>	<i>85,087</i>	<i>175,000</i>	<i>257,074</i>	<i>164,060</i>	<i>377,044</i>
25 Woodland in farms..... acres.	45,324	28,194	25,943	32,675	10,936	32,707	46,030	33,816
26 Other unimproved land in farms..... acres.	3,262	8,435	11,022	2,091	5,936	22,099	7,321	11,468
27 Per cent of land area in farms.....	92.2	91.7	85.6	84.2	95.1	94.4	83.0	90.7
28 Per cent of farm land improved.....	85.5	84.2	87.9	73.1	91.7	83.2	74.4	80.4
29 Average acres per farm.....	97.7	173.9	184.6	101.4	171.8	160.1	140.4	132.3
30 Average improved acres per farm.....	83.6	146.5	162.2	74.2	157.6	133.2	104.5	118.3
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.	18,548,141	34,664,600	33,646,092	5,836,898	28,395,303	43,741,686	12,051,102	40,893,170
32 <i>All farm property in 1900.....</i>	<i>9,679,084</i>	<i>17,475,249</i>	<i>15,361,896</i>	<i>5,257,607</i>	<i>18,988,241</i>	<i>19,540,874</i>	<i>7,979,600</i>	<i>19,347,259</i>
33 Per cent increase, 1900-1910.....	91.8	98.4	119.0	79.2	103.0	123.8	51.0	111.4
34 Land..... dollars.	13,239,077	28,805,397	28,113,072	3,838,065	23,541,830	34,141,497	8,885,029	31,335,140
35 <i>Land in 1900.....</i>	<i>6,393,830</i>	<i>13,348,110</i>	<i>12,317,100</i>	<i>2,138,080</i>	<i>10,767,580</i>	<i>13,722,330</i>	<i>5,765,110</i>	<i>14,207,380</i>
36 Buildings..... dollars.	2,658,026	2,961,135	2,828,115	1,031,880	2,510,892	4,570,975	1,848,325	4,090,537
37 <i>Buildings in 1900.....</i>	<i>1,888,880</i>	<i>1,793,110</i>	<i>1,581,950</i>	<i>670,580</i>	<i>1,422,050</i>	<i>2,470,640</i>	<i>1,207,300</i>	<i>2,678,370</i>
38 Implements and machinery..... dollars.	388,233	549,233	705,791	182,223	364,288	633,995	315,017	844,456
39 <i>Implements, etc., in 1900.....</i>	<i>274,190</i>	<i>319,730</i>	<i>339,370</i>	<i>169,410</i>	<i>252,300</i>	<i>391,350</i>	<i>294,160</i>	<i>422,630</i>
40 Domestic animals, poultry, and bees..... dollars.	2,361,000	2,348,835	1,990,114	785,230	1,978,296	4,395,219	1,001,801	4,025,643
41 <i>Domestic animals, etc., in 1900.....</i>	<i>1,318,124</i>	<i>1,513,969</i>	<i>1,123,676</i>	<i>382,637</i>	<i>1,546,251</i>	<i>2,956,054</i>	<i>602,519</i>	<i>2,036,370</i>
42 Per cent of value of all property in—								
43 Land.....	71.4	83.1	83.6	65.8	82.9	78.1	73.7	76.6
44 Buildings.....	13.8	8.5	8.4	17.7	8.8	10.4	15.3	11.5
45 Implements and machinery.....	2.1	1.6	2.1	3.1	1.3	1.4	2.0	2.1
46 Domestic animals, poultry, and bees.....	12.7	6.8	5.9	13.5	7.0	10.0	8.3	9.8
47 Average values:								
48 All property per farm..... dollars.	5,400	25,927	20,416	4,578	25,285	21,463	8,104	12,680
49 Land and buildings per farm..... dollars.	4,599	23,760	18,775	3,810	23,199	18,995	7,218	11,173
50 Land per acre..... dollars.	39.45	123.92	92.41	29.07	122.04	154.63	42.55	73.49
51 <i>Land per acre in 1900.....</i>	<i>19.45</i>	<i>58.93</i>	<i>39.34</i>	<i>18.34</i>	<i>59.15</i>	<i>41.50</i>	<i>27.77</i>	<i>32.77</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	3,314	1,325	1,611	1,225	1,113	2,008	1,467	3,167
53 Value of domestic animals..... dollars.	2,192,560	2,279,663	1,927,002	751,860	1,908,814	4,310,340	931,092	3,840,022
54 Cattle:								
55 Total number.....	18,860	15,903	10,089	6,801	12,104	36,727	6,191	29,402
56 Dairy cows.....	8,416	5,122	4,663	2,453	3,547	8,215	1,842	12,869
57 Other cows.....	2,298	3,856	1,343	1,216	1,401	5,761	422	3,093
58 Yearling heifers.....	2,693	1,950	1,517	1,008	1,253	4,124	778	4,111
59 Calves.....	2,370	2,184	1,473	785	1,575	4,634	828	4,370
60 Yearling steers and bulls.....	1,802	1,435	826	903	1,278	4,711	204	2,276
61 Other steers and bulls.....	1,341	1,856	267	496	3,050	9,282	117	2,773
62 Value..... dollars.	492,394	466,560	294,332	148,590	460,308	1,252,451	131,710	879,199
63 Horses:								
64 Total number.....	13,266	11,570	10,257	3,131	9,043	16,205	4,201	19,635
65 Mature horses.....	11,530	10,186	8,975	2,732	7,741	14,009	3,781	16,710
66 Yearling colts.....	1,277	1,100	878	264	893	1,838	268	2,027
67 Spring colts.....	899	284	404	135	409	418	122	892
68 Value..... dollars.	1,231,697	1,465,549	1,202,288	336,935	983,262	1,934,614	305,675	2,028,037
69 Mules:								
70 Total number.....	2,407	302	1,694	1,740	935	943	2,652	3,375
71 Mature mules.....	1,650	204	1,599	1,407	777	817	2,530	2,550
72 Yearling colts.....	570	3	76	197	121	108	82	579
73 Spring colts.....	187	5	19	139	37	18	24	230
74 Value..... dollars.	233,479	40,450	240,015	184,728	123,826	129,520	323,840	418,808
75 Asses and burros:								
76 Number.....	113	2	10	33	15	3	2	40
77 Value..... dollars.	15,706	610	1,700	9,605	3,200	70	630	7,440
78 Swine:								
79 Total number.....	21,393	33,751	22,177	10,781	40,839	116,884	14,488	60,130
80 Mature hogs.....	13,055	17,197	13,630	6,617	20,204	58,538	10,011	33,749
81 Spring pigs.....	8,328	16,554	8,547	4,164	20,635	58,346	4,477	26,381
82 Value..... dollars.	147,991	276,583	182,013	63,659	305,091	938,109	72,697	423,665
83 Sheep:								
84 Total number.....	17,191	5,619	1,500	1,890	5,778	12,550	2,116	20,309
85 Rams, ewes, and wethers.....	10,108	3,387	1,040	1,122	3,707	7,704	1,215	12,029
86 Spring lambs.....	7,083	2,232	514	768	2,071	4,846	900	8,280
87 Value..... dollars.	71,172	23,182	6,219	8,190	26,665	54,304	6,764	34,480
88 Goats:								
89 Number.....	51	178	14	72	147	337	9	195
90 Value..... dollars.	121	433	55	174	462	1,200	31	467
POULTRY AND BEES								
91 Number of poultry of all kinds.....	292,811	135,271	135,891	61,265	122,216	150,006	172,063	347,674
92 Value..... dollars.	181,539	69,322	60,506	22,132	66,709	79,599	69,532	179,036
93 Number of colonies of bees.....	2,529	815	854	508	911	1,955	257	1,654
94 Value..... dollars.	7,801	2,349	2,516	1,188	2,773	4,810	647	5,085

BY COUNTIES: APRIL 15, 1910—Continued.

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

Table with 14 columns (Tazewell, Union, Vermilion, Wabash, Warren, Washington, Wayne, White, Whiteside, Will, Williamson, Winnebago, Woodford) and rows 1-88. Each row contains comparative data for each county, with 1910 values in regular text and 1900 values in italics. Rows 1-17 and 18-47 represent different categories of agricultural products, while rows 48-88 represent total values.

2 Includes deer, valued at \$175.

AGRICULTURE—ILLINOIS.

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

	THE STATE.	Adams.	Alexander.	Bond.	Boone.	Brown.	
FARMS OPERATED BY OWNERS							
1	Number of farms.....	145,107	2,631	374	1,244	672	1,049
2	Number of farms in 1900.....	158,503	2,637	438	1,317	770	1,063
3	Per cent of all farms.....	57.6	65.2	53.6	63.5	50.8	69.2
4	Per cent of all farms in 1900.....	60.0	63.6	66.7	69.0	58.3	66.8
5	Land in farms..... acres.....	17,787,063	329,219	48,256	142,340	80,003	128,306
6	Improved land in farms..... acres.....	15,033,192	252,591	26,592	125,167	68,681	122,142
7	Value of land and buildings..... dollars.....	1,765,992,310	26,088,401	1,818,326	7,736,973	8,578,378	9,420,637
8	Degree of ownership:						
9	Farms consisting of owned land only.....	107,300	2,036	340	820	606	787
10	Farms consisting of owned and hired land.....	37,807	595	34	424	66	262
11	Color and nativity of owners:						
12	Native white.....	123,907	2,306	306	1,138	402	603
13	Foreign-born white.....	20,411	317	8	96	210	51
14	Negro and other nonwhite.....	789	8	60	10		
FARMS OPERATED BY TENANTS							
15	Number of farms.....	104,379	1,368	317	704	640	461
16	Number of farms in 1900.....	103,698	1,496	527	537	547	536
17	Per cent of all farms.....	41.4	33.0	45.4	36.0	48.4	30.4
18	Per cent of all farms in 1900.....	39.8	36.4	42.4	30.8	41.4	33.5
19	Land in farms..... acres.....	14,177,411	160,555	32,513	79,490	91,116	53,048
20	Improved land in farms..... acres.....	12,586,664	131,941	22,254	71,492	76,397	39,895
21	Value of land and buildings..... dollars.....	1,691,792,227	13,127,091	1,396,265	4,201,395	9,395,410	4,311,200
22	Form of tenancy:						
23	Share tenants.....	43,551	706	132	311	287	265
24	Share-cash tenants.....	23,865	231	7	220	8	113
25	Cash tenants.....	32,120	382	127	85	340	70
26	Tenure not specified.....	5,043	49	51	88	5	13
27	Color and nativity of tenants:						
28	Native white.....	91,014	1,287	269	668	387	456
29	Foreign-born white.....	12,747	75	6	28	253	5
30	Negro and other nonwhite.....	618	6	42	8		
FARMS OPERATED BY MANAGERS							
31	Number of farms.....	2,386	37	7	10	10	6
32	Number of farms in 1900.....	1,050	41	7	4	4	7
33	Land in farms..... acres.....	558,463	6,090	2,127	1,456	1,103	585
34	Improved land in farms..... acres.....	428,467	4,041	1,047	1,250	1,013	427
35	Value of land and buildings..... dollars.....	65,008,033	529,880	106,410	90,600	120,800	44,850
MORTGAGE DEBT REPORTS							
36	For all farms operated by owners:						
37	Number free from mortgage debt.....	86,713	1,489	214	701	365	501
38	Number with mortgage debt.....	55,792	1,121	149	525	303	532
39	Number with no mortgage report.....	2,602	21	11	18	4	10
40	For farms consisting of owned land only:						
41	Number reporting debt and amount.....	36,938	790	131	304	262	306
42	Value of their land and buildings..... dollars.....	454,857,222	7,017,735	621,150	1,720,070	3,187,705	2,874,396
43	Amount of mortgage debt..... dollars.....	115,799,646	1,927,492	107,448	467,392	1,154,492	745,050
44	Per cent of value of land and buildings.....	25.5	27.5	17.3	27.2	36.2	25.9

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS							
Dairy Products							
1	Dairy cows on farms reporting dairy products..... number.....	969,993	13,434	717	10,411	10,618	3,493
2	Dairy cows on farms reporting milk produced..... number.....	849,951	12,835	673	9,902	12,585	3,270
3	Milk—Produced..... gallons.....	320,240,999	3,760,264	246,279	3,997,750	7,088,046	790,034
4	Sold..... gallons.....	158,031,333	1,645,405	22,485	3,589,285	5,272	5,272
5	Cream sold..... gallons.....	2,104,352	20,533		320	24,537	1,382
6	Butter fat sold..... pounds.....	4,637,745	24,790			46,143	3,444
7	Butter—Produced..... pounds.....	46,609,992	807,134	68,323	91,078	37,178	107,183
8	Sold..... pounds.....	24,442,251	479,656	19,702	45,710	30,288	60,615
9	Cheese—Produced..... pounds.....	81,918	821		140		
10	Sold..... pounds.....	54,502	509				
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	31,542,209	320,108	19,891	394,222	940,338	42,013
12	Receipts from sale of dairy products..... dollars.....	26,720,849	245,528	9,536	382,952	947,807	17,538
Poultry Products							
13	Poultry—Raised..... number.....	30,630,613	509,771	45,229	257,106	120,450	182,622
14	Sold..... number.....	12,006,388	199,094	16,095	106,842	61,597	62,437
15	Eggs—Produced..... dozens.....	93,554,983	1,557,274	108,667	927,790	455,747	524,005
16	Sold..... dozens.....	62,036,857	1,022,306	60,550	729,332	299,252	356,858
17	Value of poultry and eggs produced..... dollars.....	32,282,613	512,513	39,427	291,845	155,956	187,905
18	Receipts from sale of poultry and eggs..... dollars.....	18,080,352	284,157	18,443	176,220	92,957	104,276
Honey and Wax							
19	Honey produced..... pounds.....	1,428,640	21,925	3,463	5,725	5,010	13,744
20	Wax produced..... pounds.....	26,240	361	77	63	170	290
21	Value of honey and wax produced..... dollars.....	200,703	2,631	566	932	873	1,277
Wool, Mohair, and Goat Hair							
22	Wool, fleeces shorn..... number.....	560,654	13,548	120	4,307	35,897	4,918
23	Mohair and goat hair, fleeces shorn..... number.....	4,117	567		25		
24	Value of wool and mohair produced..... dollars.....	1,062,617	26,533	207	7,753	43,501	8,790
DOMESTIC ANIMALS SOLD OR SLAUGHTERED							
25	Calves—Sold or slaughtered..... number.....	491,669	5,357	304	6,930	13,074	647
26	Other cattle—Sold or slaughtered..... number.....	1,068,301	16,237	442	4,109	5,638	7,601
27	Horses, mules, and asses and burros—Sold..... number.....	220,379	3,032	405	1,991	843	1,121
28	Pigs—Sold or slaughtered..... number.....	4,507,854	103,821	6,297	20,753	21,098	49,090
29	Sheep and goats—Sold or slaughtered..... number.....	542,745	9,152	126	3,017	4,403	5,886
30	Receipts from sale of animals..... dollars.....	132,622,547	2,416,500	101,643	604,593	726,027	1,070,747
31	Value of animals slaughtered..... dollars.....	14,438,127	192,126	31,696	118,360	25,804	80,534

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

	Dekalb.	Dewitt.	Douglas.	Dupage.	Edgar.	Edwards.	Effingham.	Fayette.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	1,197	684	901	848	1,431	1,052	1,789
2	Number of farms in 1900.....	<i>1,561</i>	<i>810</i>	<i>1,035</i>	<i>851</i>	<i>1,780</i>	<i>1,052</i>	<i>2,051</i>
3	Per cent of all farms.....	48.2	41.3	49.0	53.0	54.9	79.3	78.1
4	Per cent of all farms in 1900.....	<i>52.8</i>	<i>47.9</i>	<i>51.1</i>	<i>49.9</i>	<i>57.5</i>	<i>73.4</i>	<i>67.1</i>
5	Land in farms.....acres...	171,917	93,366	116,106	82,555	197,290	122,141	220,404
6	Improved land in farms.....acres...	161,177	83,542	110,221	72,638	178,132	107,002	181,902
7	Value of land and buildings.....dollars...	23,193,745	14,986,579	21,738,519	10,849,900	27,103,108	6,911,411	11,576,418
8	Degree of ownership:							
9	Farms consisting of owned land only.....	1,035	488	624	809	976	560	1,247
10	Farms consisting of owned and hired land.....	162	196	277	39	455	492	542
11	Color and nativity of owners:							
12	Native white.....	842	639	834	569	1,401	979	1,544
13	Foreign-born white.....	354	45	67	279	28	70	245
14	Negro and other nonwhite.....	1				2	3	
FARMS OPERATED BY TENANTS								
15	Number of farms.....	1,265	949	900	780	1,145	267	580
16	Number of farms in 1900.....	<i>1,187</i>	<i>867</i>	<i>879</i>	<i>825</i>	<i>1,501</i>	<i>268</i>	<i>580</i>
17	Per cent of all farms.....	51.0	57.3	48.0	45.7	43.9	20.1	24.7
18	Per cent of all farms in 1900.....	<i>46.4</i>	<i>51.3</i>	<i>48.0</i>	<i>48.4</i>	<i>41.9</i>	<i>21.2</i>	<i>25.5</i>
19	Land in farms.....acres...	210,471	146,216	133,336	91,099	177,637	24,313	59,478
20	Improved land in farms.....acres...	198,518	135,185	129,332	78,959	168,397	22,478	50,461
21	Value of land and buildings.....dollars...	27,859,525	22,989,538	24,826,328	10,689,780	27,170,228	1,473,120	2,936,855
22	Form of tenancy:							
23	Share tenants.....	354	316	459	23	655	211	425
24	Share-cash tenants.....	96	243	227	4	327	21	47
25	Cash tenants.....	792	232	109	542	148	20	91
26	Tenure not specified.....	23	158	105	151	15	15	26
27	Color and nativity of tenants:							
28	Native white.....	915	915	875	438	1,137	204	574
29	Foreign-born white.....	349	33	25	281	7	3	15
30	Negro and other nonwhite.....	1	1		1			
FARMS OPERATED BY MANAGERS								
31	Number of farms.....	19	22	38	21	31	8	8
32	Number of farms in 1900.....	<i>22</i>	<i>14</i>	<i>17</i>	<i>22</i>	<i>18</i>	<i>5</i>	<i>20</i>
33	Land in farms.....acres...	6,450	4,409	6,096	4,046	6,223	710	1,308
34	Improved land in farms.....acres...	5,301	3,880	6,900	3,293	5,488	678	1,255
35	Value of land and buildings.....dollars...	827,900	695,100	1,386,500	584,240	775,485	46,600	102,370
MORTGAGE DEBT REPORTS¹								
36	For all farms operated by owners:							
37	Number free from mortgage debt.....	670	417	485	587	790	612	1,119
38	Number with mortgage debt.....	511	248	397	214	574	431	646
39	Number with no mortgage report.....	16	19	19	47	67	9	24
40	For farms consisting of owned land only:							
41	Number reporting debt and amount.....	437	159	237	184	350	179	421
42	Value of their land and buildings.....dollars...	3,848,013	3,007,745	6,661,505	2,570,955	6,029,800	1,030,345	2,281,725
43	Amount of mortgage debt.....dollars...	2,780,468	766,900	1,352,683	856,935	1,147,116	218,993	542,590
44	Per cent of value of land and buildings.....	31.4	25.2	20.3	33.3	19.0	21.3	23.8

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....number	18,697	4,481	4,388	19,997	6,348	3,265	10,203
2	Dairy cows on farms reporting milk produced.....number	15,897	4,117	4,222	17,792	5,254	3,010	9,813
3	Milk—Produced.....gallons...	6,555,223	1,346,261	1,518,487	10,126,939	2,031,287	800,694	2,940,435
4	Sold.....gallons...	4,970,443	85,508	99,898	10,792,657	72,323	108,196	1,644,042
5	Cream sold.....gallons...	120,513	24,419	3,798	3,985	1,653	585	6,719
6	Butter fat sold.....pounds...	31,120	26,538	6,612	1,480		58,395	50,563
7	Butter—Produced.....pounds...	309,040	347,402	445,914	57,098	510,234	151,202	280,535
8	Sold.....pounds...	215,263	184,821	230,686	37,158	248,947	61,032	120,808
9	Cheese—Produced.....pounds...			60		640	180	
10	Sold.....pounds...					640	160	
11	Value of dairy products, excluding home use of milk and cream.....dollars...	702,592	121,535	110,776	1,340,039	131,197	59,555	239,120
12	Receipts from sale of dairy products.....dollars...	630,069	86,135	64,094	1,345,021	73,558	40,856	203,324
Poultry Products								
13	Poultry—Raised.....number...	310,705	208,407	283,170	149,823	408,465	166,820	298,118
14	Sold.....number...	143,606	68,755	110,806	47,325	150,251	59,209	102,402
15	Eggs—Produced.....dozens...	885,631	467,011	619,236	550,584	795,235	709,140	1,182,620
16	Sold.....dozens...	562,736	238,814	355,374	349,500	440,046	509,136	910,065
17	Value of poultry and eggs produced.....dollars...	353,314	184,296	286,211	199,594	337,942	217,225	363,729
18	Receipts from sale of poultry and eggs.....dollars...	201,321	78,289	130,645	102,383	160,362	145,090	234,041
Honey and Wax								
19	Honey produced.....pounds...	21,943	4,010	15,566	3,267	5,796	5,268	14,140
20	Wax produced.....pounds...	527	8	118	68	24	57	131
21	Value of honey and wax produced.....dollars...	3,010	748	2,576	528	1,078	689	1,883
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....number...	9,372	5,591	1,704	314	5,716	6,083	3,170
23	Mohair and goat hair, fleeces shorn.....number...	64	2		14	63	16	
24	Value of wool and mohair produced.....dollars...	14,526	11,045	4,082	589	11,551	12,740	6,143
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....number...	11,080	1,336	1,322	13,248	1,837	1,149	5,098
26	Other cattle—Sold or slaughtered.....number...	20,799	6,203	5,990	8,110	16,137	2,715	4,198
27	Horses, mules, and asses and burros—Sold.....number...	1,858	2,012	2,574	5,027	2,890	824	1,270
28	Pigs—Sold or slaughtered.....number...	96,922	31,220	39,104	12,110	75,328	21,365	22,944
29	Sheep and goats—Sold or slaughtered.....number...	13,604	4,569	2,593	107	6,087	5,433	1,898
30	Receipts from sale of animals.....dollars...	2,670,519	874,464	1,129,049	700,505	2,097,071	410,465	509,510
31	Value of animals slaughtered.....dollars...	91,841	175,055	137,959	99,967	199,592	76,610	121,272

AGRICULTURE—ILLINOIS.

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

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

	Ford.	Franklin.	Fulton.	Gallatin.	Greene.	Grundy.	Hamilton.	Hancock.	Hardin.	Henderson.	Henry.	Iroquois.	Jackson.
1	504	1,812	2,314	865	1,228	591	2,168	2,297	690	663	1,722	1,578	1,682
2	<i>692</i>	<i>2,284</i>	<i>2,625</i>	<i>993</i>	<i>1,210</i>	<i>675</i>	<i>2,285</i>	<i>2,550</i>	<i>704</i>	<i>815</i>	<i>1,830</i>	<i>2,120</i>	<i>1,783</i>
3	32.3	68.2	58.9	55.3	56.0	38.3	73.1	61.4	74.3	57.5	51.5	40.0	62.4
4	<i>36.4</i>	<i>73.2</i>	<i>61.5</i>	<i>57.8</i>	<i>53.4</i>	<i>40.4</i>	<i>72.4</i>	<i>63.7</i>	<i>73.8</i>	<i>59.0</i>	<i>55.5</i>	<i>49.1</i>	<i>66.7</i>
5	89,057	161,398	282,112	96,045	178,555	94,404	185,674	292,798	81,773	121,074	235,889	256,547	193,969
6	88,232	141,847	194,948	82,984	140,639	85,947	164,268	232,670	56,183	97,204	211,829	244,290	141,397
7	14,763,120	7,476,452	27,983,717	5,421,897	15,002,056	12,855,590	7,577,723	30,850,174	1,365,698	12,649,070	30,070,433	37,521,205	7,413,170
8	412	1,217	1,915	540	831	432	1,425	1,686	629	498	1,394	1,121	1,228
9	152	595	399	316	397	159	743	611	61	165	328	457	454
10	308	1,784	2,207	833	1,160	407	2,116	2,044	672	576	1,121	1,088	1,532
11	196	28	106	21	67	184	52	249	13	87	601	489	133
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	1,169	835	1,565	690	948	940	780	1,407	237	478	1,586	2,303	1,007
14	<i>1,195</i>	<i>811</i>	<i>1,616</i>	<i>698</i>	<i>1,067</i>	<i>990</i>	<i>855</i>	<i>1,424</i>	<i>248</i>	<i>466</i>	<i>1,822</i>	<i>2,178</i>	<i>881</i>
15	66.9	31.4	30.9	44.1	43.2	61.0	26.3	37.6	25.5	41.5	47.5	58.4	37.4
16	<i>62.9</i>	<i>31.6</i>	<i>37.8</i>	<i>41.7</i>	<i>46.0</i>	<i>59.2</i>	<i>27.1</i>	<i>35.6</i>	<i>26.0</i>	<i>39.5</i>	<i>42.5</i>	<i>50.3</i>	<i>32.0</i>
17	211,967	53,035	214,530	65,389	115,466	152,167	57,553	179,146	20,241	84,259	259,513	401,127	104,912
18	209,626	50,060	156,509	55,812	97,395	139,872	50,034	154,424	13,254	69,582	237,177	389,203	76,823
19	33,584,073	2,580,590	22,763,955	3,525,710	9,858,565	21,472,208	2,360,350	18,933,202	362,784	8,527,249	33,429,699	56,833,921	4,201,645
20	118	679	888	584	476	311	602	568	206	191	281	604	761
21	766	40	174	30	287	282	35	398	8	97	320	912	91
22	276	86	476	66	173	261	40	433	19	175	973	627	90
23	9	30	27	10	12	86	103	8	4	15	12	160	65
24	892	823	1,541	672	902	601	778	1,358	233	422	1,055	1,903	943
25	277	11	24	3	42	339	2	47	1	55	531	396	35
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	14	11	47	8	16	11	16	39	2	12	33	60	7
28	<i>14</i>	<i>6</i>	<i>30</i>	<i>9</i>	<i>13</i>	<i>7</i>	<i>16</i>	<i>29</i>	<i>2</i>	<i>21</i>	<i>38</i>	<i>28</i>	<i>11</i>
29	2,995	3,095	9,580	1,259	14,558	3,413	4,769	7,975	603	3,134	9,525	21,661	6,878
30	2,953	4,845	6,121	1,094	6,535	3,170	2,406	6,073	579	2,442	8,452	14,747	1,147
31	539,790	121,900	989,925	69,600	821,520	304,540	135,300	839,125	29,000	289,725	1,150,275	2,773,170	167,540
32	289	1,361	1,270	506	775	346	1,178	1,264	458	343	1,049	774	1,073
33	264	433	1,003	351	431	226	970	1,011	224	313	631	745	589
34	11	18	41	8	22	19	20	22	8	7	42	60	20
35	172	258	774	187	261	131	557	661	192	233	497	489	377
36	4,789,090	962,027	8,409,558	1,069,960	2,973,481	2,784,735	1,856,126	8,667,425	352,162	4,398,439	9,194,051	11,741,657	1,623,620
37	1,008,645	173,737	2,514,928	224,017	901,140	699,845	387,162	2,532,688	85,832	1,221,531	2,607,901	2,698,891	485,135
38	21.1	18.1	29.9	20.9	30.3	25.1	20.9	29.2	24.4	27.8	23.4	23.0	29.9

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

1	6,178	4,565	13,390	2,208	6,873	5,828	5,132	11,562	1,455	3,454	14,814	14,120	5,555
2	6,069	4,516	12,027	2,118	6,559	4,888	5,067	10,913	1,423	3,126	13,428	11,855	5,507
3	2,142,969	1,514,394	3,304,130	568,437	2,122,828	1,546,234	1,478,802	3,494,750	487,301	807,691	4,434,301	3,851,243	1,865,918
4	70,361	45,349	232,177	10,837	797,256	70,096	7,110	206,148	9,907	11,234	326,985	124,549	159,761
5	31,146	.....	17,387	.....	47,719	700	.....	16,499	.....	4,943	36,530	53,318	5,083
6	41,659	1,841	22,709	.....	15,224	3,199	.....	38,787	.....	5,359	139,276	107,934	3,049
7	479,745	506,345	905,612	189,365	303,576	479,126	476,605	780,432	157,980	213,205	933,103	1,016,423	539,092
8	222,278	193,356	464,434	55,387	137,150	282,631	121,685	424,606	36,362	86,207	531,525	544,419	293,859
9	20	40	.....	50	.....	600	.....	590	.....	231	670	335	496
10	.....	40	.....	.....	.....	110	.....	490	.....	.....	40	.....	450
11	155,094	119,579	253,450	40,484	209,706	120,233	92,221	222,290	29,860	54,035	310,415	312,583	147,992
12	98,209	52,179	157,431	12,619	173,248	79,263	24,501	149,335	8,005	26,693	222,817	214,415	95,002
13	249,582	292,461	457,105	176,937	280,719	188,331	209,404	452,687	60,537	144,329	409,964	572,683	271,664
14	102,077	103,507	188,891	60,074	102,321	97,140	114,437	164,376	17,801	51,672	190,832	244,191	113,863
15	765,740	895,760	1,238,719	484,209	874,706	475,137	1,197,806	1,530,197	319,657	418,778	1,138,999	1,537,788	564,828
16	412,025	678,025	715,835	323,975	590,139	275,320	937,403	1,068,939	216,547	232,641	681,978	900,273	361,332
17	257,817	339,927	438,194	178,661	280,616	187,132	354,307	480,985	84,893	139,458	416,374	585,155	224,927
18	129,671	195,839	223,161	95,564	157,244	106,324	235,998	272,909	49,877	66,292	234,581	314,551	119,980
19	5,089	34,618	15,476	7,275	8,642	19,897	33,315	39,800	2,500	6,926	19,050	33,880	23,399
20	28	423	35	20	85	806	1,090	837	195	24	928	1,346	237
21	771	6,464	1,655	934	1,061	2,790	5,343	3,821	406	896	2,647	5,355	3,814
22	1,311	3,342	5,554	2,239	11,316	1,407	6,500	9,780	1,157	3,386	3,787	3,117	1,882
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	2,950	7,033	10,415	3,626	20,440	2,691	11,595	19,728	1,602	7,427	7,611	6,721	3,838
25	2,235	1,742	2,987	852	2,938	2,547	2,901	3,734	749	427	2,758	25,107	2,716
26	4,379	3,188	25,383	1,931	18,292	5,650	5,353	26,514	3,027	16,271	31,940	8,854	3,854
27	2,014	1,815	3,014	809	1,741	1,160	3,105	2,986	452	1,729	3,422	3,962	1,180
28	21,689	19,100	126,973	24,781	60,713	15,040	25,694	89,520	11,844	43,150	101,223	39,691	26,629
29	884	2,594	5,041	1,854	26,033	1,626	8,122	7,069	940	4,066	3,214	3,414	1,275
30	769,573	441,094	3,089,829	366,149	1,937,010	626,629	717,516	2,695,666	258,154	1,891,502	3,635,223	1,387,342	415,030
31	111,936	140,472	249,120	96,780	153,304	52,024	139,772	220,114	35,527	62,396	137,192	218,651	174,249

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

	Jasper.	Jefferson.	Jersey.	Jo Daviess.	Johnson.	Kane.	Kankakee.	Kendall.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	2,042	2,884	960	1,654	1,490	1,204	1,289	
2	Number of farms in 1900.....	<i>2,896</i>	<i>2,941</i>	<i>962</i>	<i>1,808</i>	<i>1,607</i>	<i>1,478</i>	<i>1,551</i>	
3	Per cent of all farms.....	72.0	73.6	63.2	74.2	75.9	52.1	53.5	
4	Per cent of all farms in 1900.....	<i>77.5</i>	<i>78.3</i>	<i>61.9</i>	<i>75.7</i>	<i>76.3</i>	<i>53.0</i>	<i>55.3</i>	
5	Land in farms..... acres.....	222,407	253,763	181,135	263,206	158,707	135,371	210,302	
6	Improved land in farms..... acres.....	200,466	215,517	93,473	183,972	114,118	113,888	197,108	
7	Value of land and buildings..... dollars.....	12,280,510	10,544,255	8,353,099	17,682,443	4,477,488	10,669,257	20,455,652	
8	Degree of ownership:								
9	Farms consisting of owned land only.....	1,089	2,005	671	1,505	1,223	1,124	984	
10	Farms consisting of owned and hired land.....	953	879	279	149	262	80	305	
11	Color and nativity of owners:								
12	Native white.....	1,970	2,712	790	1,253	1,479	730	948	
13	Foreign-born white.....	63	163	157	400	10	473	330	
14	Negro and other nonwhite.....	9	6	3	1	1	8	161	
15	FARMS OPERATED BY TENANTS								
16	Number of farms.....	787	1,020	538	550	454	1,005	1,002	
17	Number of farms in 1900.....	<i>661</i>	<i>1,109</i>	<i>676</i>	<i>666</i>	<i>606</i>	<i>1,062</i>	<i>980</i>	
18	Per cent of all farms.....	27.7	25.0	35.8	24.9	23.1	40.1	45.3	
19	Per cent of all farms in 1900.....	<i>22.5</i>	<i>27.5</i>	<i>37.5</i>	<i>23.8</i>	<i>24.3</i>	<i>44.3</i>	<i>44.3</i>	
20	Land in farms..... acres.....	65,585	79,996	81,392	90,310	35,654	162,049	181,108	
21	Improved land in farms..... acres.....	60,762	68,778	60,402	69,277	25,615	132,540	166,803	
22	Value of land and buildings..... dollars.....	3,623,695	3,316,253	5,700,851	6,753,600	975,110	18,537,134	21,705,172	
23	Form of tenancy:								
24	Share tenants.....	523	753	228	137	411	326	481	
25	Share-cash tenants.....	177	55	218	19	5	8	103	
26	Cash tenants.....	82	84	88	362	32	679	628	
27	Tenure not specified.....	5	128	4	38	0	62	30	
28	Color and nativity of tenants:								
29	Native white.....	777	1,001	505	508	452	621	600	
30	Foreign-born white.....	4	17	33	48	2	444	184	
31	Negro and other nonwhite.....	6	2	1	1	1	2	2	
32	FARMS OPERATED BY MANAGERS								
33	Number of farms.....	9	16	16	20	18	40	30	
34	Number of farms in 1900.....	<i>4</i>	<i>15</i>	<i>10</i>	<i>25</i>	<i>7</i>	<i>30</i>	<i>34</i>	
35	Land in farms..... acres.....	2,323	2,581	3,406	3,554	7,177	11,264	10,737	
36	Improved land in farms..... acres.....	2,118	2,261	2,396	2,448	4,939	6,122	7,760	
37	Value of land and buildings..... dollars.....	116,125	131,330	258,790	254,000	264,275	1,443,140	1,008,740	
38	MORTGAGE DEBT REPORTS								
39	For all farms operated by owners:								
40	Number free from mortgage debt.....	1,146	1,766	543	800	874	677	652	
41	Number with mortgage debt.....	872	1,094	397	845	699	497	328	
42	Number with no mortgage report.....	24	24	10	3	17	30	269	
43	For farms consisting of owned land only:								
44	Number reporting debt and amount.....	370	664	250	738	465	420	421	
45	Value of their land and buildings..... dollars.....	2,125,668	2,296,290	1,834,835	7,480,188	1,046,677	5,812,592	8,099,720	
46	Amount of mortgage debt..... dollars.....	444,292	621,101	570,440	3,006,833	406,470	1,080,872	2,841,645	
47	Per cent of value of land and buildings.....	20.9	22.7	31.1	41.0	24.7	34.1	20.9	

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number.....	6,725	8,125	4,638	10,372	2,909	35,793	10,596	
2	Dairy cows on farms reporting milk produced.....number.....	6,632	7,601	4,096	10,067	2,867	28,202	8,205	
3	Milk—Produced..... gallons.....	1,941,172	2,124,677	1,366,004	3,698,857	804,838	17,049,588	2,534,042	
4	Sold..... gallons.....	44,728	49,886	162,273	1,800,446	18,411	20,441,201	734,594	
5	Cream sold..... gallons.....	2,568	6,478	9,574	213,609	1,600	5,348	15,871	
6	Butter fat sold..... pounds.....	30,303	41,544	30,747	297,284	4,505	10,637	34,405	
7	Butter—Produced..... pounds.....	429,370	602,408	336,784	234,633	287,893	254,931	654,597	
8	Sold..... pounds.....	151,933	264,838	201,489	129,483	77,353	198,990	373,379	
9	Cheese—Produced..... pounds.....	240	230	115	200	180	200	200	
10	Sold..... pounds.....	240	230	115	200	180	200	200	
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	106,037	151,644	114,345	448,297	60,587	2,441,543	202,725	
12	Receipts from sale of dairy products..... dollars.....	49,524	83,344	85,555	421,913	19,751	2,426,822	203,040	
13	Poultry Products								
14	Poultry—Raised..... number.....	354,425	385,438	193,757	230,538	128,412	250,573	310,431	
15	Sold..... number.....	156,692	166,072	75,632	95,909	47,284	103,686	130,355	
16	Eggs—Produced..... dozens.....	1,378,172	1,461,576	629,853	726,270	420,044	759,093	924,012	
17	Sold..... dozens.....	1,063,270	1,176,820	306,823	518,366	298,568	456,088	515,414	
18	Value of poultry and eggs produced..... dollars.....	451,962	460,199	183,974	256,175	132,264	280,028	347,870	
19	Receipts from sale of poultry and eggs..... dollars.....	304,666	307,690	104,933	153,933	78,340	154,932	176,812	
20	Honey and Wax								
21	Honey produced..... pounds.....	19,376	18,590	4,895	20,637	11,035	20,431	22,802	
22	Wax produced..... pounds.....	641	115	94	802	27	605	92	
23	Value of honey and wax produced..... dollars.....	3,192	2,879	604	2,332	1,000	3,230	2,872	
24	Wool, Mohair, and Goat Hair								
25	Wool, fleeces shorn..... number.....	8,127	8,468	2,434	17,544	4,096	4,479	761	
26	Mohair and goat hair, fleeces shorn..... number.....	5	11	7	35	4	20	20	
27	Value of wool and mohair produced..... dollars.....	15,701	15,424	5,004	38,554	5,288	6,647	1,480	
28	DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
29	Calves—Sold or slaughtered..... number.....	2,535	4,044	2,421	9,445	873	25,243	5,811	
30	Other cattle—Sold or slaughtered..... number.....	4,859	7,363	6,207	20,067	4,077	23,340	6,399	
31	Horses, mules, and asses and burros—Sold..... number.....	1,788	3,291	998	1,313	1,530	1,922	1,912	
32	Swine—Sold or slaughtered..... number.....	32,877	40,320	38,727	61,880	17,156	36,706	17,467	
33	Sheep and goats—Sold or slaughtered..... number.....	5,870	9,782	3,010	13,359	3,785	9,899	2,002	
34	Receipts from sale of animals..... dollars.....	684,355	928,853	806,354	1,996,064	446,691	2,001,256	784,650	
35	Value of animals slaughtered..... dollars.....	148,047	193,616	127,698	128,400	78,458	67,217	106,152	

AGRICULTURE—ILLINOIS.

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

	Marion.	Marshall.	Mason.	Massac.	Menard.	Mercer.	Monroe.	Montgomery
FARMS OPERATED BY OWNERS								
1	2,542	546	601	928	598	1,165	882	1,820
2	<i>2,607</i>	<i>618</i>	<i>800</i>	<i>985</i>	<i>734</i>	<i>1,321</i>	<i>884</i>	<i>1,063</i>
3	74.0	40.8	40.1	72.8	53.3	57.2	59.3	56.5
4	<i>76.2</i>	<i>43.6</i>	<i>45.3</i>	<i>74.7</i>	<i>57.5</i>	<i>59.7</i>	<i>52.6</i>	<i>58.2</i>
5	254,442	91,008	124,199	100,147	102,316	182,080	124,295	237,077
6	216,432	71,888	106,229	74,443	92,392	150,337	89,086	207,488
7	11,906,933	12,063,547	12,317,506	3,764,420	13,537,290	21,632,041	6,121,509	19,407,377
8	1,670	374	466	703	430	955	484	1,251
9	872	172	195	225	168	200	398	509
10	2,380	430	549	793	484	954	752	1,577
11	152	114	112	59	114	209	130	240
12	10	2		76		2		3
FARMS OPERATED BY TENANTS								
13	858	788	980	342	521	847	600	1,383
14	<i>770</i>	<i>792</i>	<i>960</i>	<i>314</i>	<i>542</i>	<i>808</i>	<i>745</i>	<i>1,385</i>
15	25.0	58.9	59.5	28.8	46.4	41.6	40.3	42.0
16	<i>23.1</i>	<i>55.9</i>	<i>53.8</i>	<i>25.1</i>	<i>42.3</i>	<i>39.2</i>	<i>47.4</i>	<i>41.3</i>
17	75,526	140,874	178,936	27,355	89,947	137,475	83,460	184,276
18	65,468	123,415	160,004	19,092	83,024	116,676	65,072	169,201
19	3,514,945	19,620,485	18,428,681	1,027,575	12,432,282	16,421,366	4,557,145	16,223,940
20	594	122	567	254	170	307	404	335
21	97	383	174	13	184	188	171	747
22	120	202	73	45	94	289	20	215
23	47	21	166	30	73	63	5	80
24	842	614	802	286	446	733	552	1,200
25	16	173	88	4	75	114	46	84
26		1		52			2	
FARMS OPERATED BY MANAGERS								
27	35	3	7	5	4	26	5	20
28	<i>23</i>	<i>6</i>	<i>16</i>	<i>2</i>	<i>5</i>	<i>24</i>	<i>1</i>	<i>15</i>
29	5,656	574	1,091	1,839	647	6,756	1,026	5,045
30	5,098	524	968	1,040	622	4,402	681	4,486
31	376,125	82,500	195,000	77,450	83,150	650,065	54,700	394,360
MORTGAGE DEBT REPORTS								
For all farms operated by owners:								
32	1,627	367	372	487	320	717	644	1,137
33	893	171	247	437	204	433	217	653
34	22	8	42	4	5	15	21	30
For farms consisting of owned land only:								
35	511	102	139	290	166	327	93	382
36	1,931,748	2,329,937	2,437,755	1,064,506	3,524,011	6,010,355	626,222	3,547,118
37	422,679	501,061	506,689	327,445	801,525	1,538,745	182,650	889,273
38	21.9	21.5	23.2	30.8	22.7	25.6	29.2	25.1

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number..	7,714	4,668	3,644	2,238	3,030	7,615	3,776	11,493
2	Dairy cows on farms reporting milk produced.....number..	7,408	4,053	3,428	2,219	2,932	7,340	3,464	10,243
3	Milk—Produced.....gallons..	2,321,424	1,178,808	1,008,590	704,600	885,749	2,152,725	1,049,027	3,423,053
4	Sold.....gallons..	117,825	60,873	45,219	37,421	33,704	80,931	32,046	1,581,050
5	Cream sold.....gallons..	11,429	2,097	7,369	4,500	2,605	26,807	242	4,434
6	Butter fat sold.....pounds..	21,050	5,163	1,195	500	100	10,855	225	152,327
7	Butter—Produced.....pounds..	567,414	369,657	292,626	210,441	255,332	461,063	232,233	396,812
8	Sold.....pounds..	268,687	209,251	147,063	122,537	124,201	208,905	139,153	210,523
9	Cheese—Produced.....pounds..		30				20	5,578	20
10	Sold.....pounds..							3,338	
11	Value of dairy products, excluding home use of milk and cream.....dollars..	161,005	98,282	79,799	55,423	65,288	142,491	76,470	203,476
12	Receipts from sale of dairy products.....dollars..	97,120	62,894	49,198	38,546	37,431	87,237	58,110	251,622
Poultry Products									
13	Poultry—Raised.....number..	302,867	153,111	215,516	94,567	172,038	230,083	203,220	474,520
14	Sold.....number..	118,540	65,361	88,020	37,890	65,216	111,701	74,435	189,540
15	Eggs—Produced.....dozens..	1,534,537	531,515	485,112	275,807	405,764	600,404	774,880	1,433,042
16	Sold.....dozens..	1,210,191	326,782	262,462	181,113	260,314	318,726	580,513	1,033,810
17	Value of poultry and eggs produced.....dollars..	443,251	171,746	195,618	84,254	179,986	226,480	205,952	487,971
18	Receipts from sale of poultry and eggs.....dollars..	300,482	94,393	95,421	49,408	88,939	120,720	129,415	292,122
Honey and Wax									
19	Honey produced.....pounds..	19,512	4,044	8,129	5,708	4,314	26,517	2,552	10,268
20	Wax produced.....pounds..	74	100	145	65	29	430	22	41
21	Value of honey and wax produced.....dollars..	2,531	525	1,190	830	642	3,144	348	1,605
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number..	8,740	2,413	280	970	2,505	6,212	986	11,785
23	Mohair and goat hair, fleeces shorn.....number..	1	1		4	2	349	3	238
24	Value of wool and mohair produced.....dollars..	16,149	4,500	710	1,469	4,836	12,279	1,943	23,206
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number..	3,049	1,609	1,551	832	936	1,179	2,348	6,296
26	Other cattle—Sold or slaughtered.....number..	6,831	8,234	3,509	2,724	14,642	22,142	726	14,985
27	Horses, mules, and asses and burros—Sold.....number..	2,584	1,653	1,417	718	2,138	3,390	385	6,462
28	Swine—Sold or slaughtered.....number..	34,766	30,086	21,341	15,612	51,174	82,544	15,921	80,297
29	Sheep and goats—Sold or slaughtered.....number..	6,727	3,117	1,723	930	3,025	12,862	403	10,933
30	Receipts from sale of animals.....dollars..	843,417	990,446	545,870	278,266	1,687,761	2,708,182	145,021	2,171,201
31	Value of animals slaughtered.....dollars..	360,604	92,847	121,102	74,663	84,566	91,082	136,503	214,089

AGRICULTURE—ILLINOIS.

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

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

	St. Clair.	Saline.	Sangamon.	Schuyler.	Scott.	Shelby.	Stark.	Stephenson.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	1,612	1,686	1,836	1,218	614	2,390	556	1,917
2	Number of farms in 1900.....	<i>1,630</i>	<i>1,980</i>	<i>2,019</i>	<i>1,419</i>	<i>601</i>	<i>2,687</i>	<i>606</i>	<i>2,001</i>
3	Per cent of all farms.....	51.3	67.1	51.3	61.6	56.0	58.5	50.2	65.8
4	Per cent of all farms in 1900.....	<i>51.5</i>	<i>67.5</i>	<i>51.7</i>	<i>65.6</i>	<i>58.4</i>	<i>63.2</i>	<i>57.2</i>	<i>69.0</i>
5	Land in farms..... acres.....	189,579	150,015	248,006	161,442	88,515	261,971	89,852	209,455
6	Improved land in farms..... acres.....	156,989	139,121	230,084	107,195	72,040	238,426	80,908	184,880
7	Value of land and buildings..... dollars.....	17,228,640	9,929,209	38,481,425	18,064,496	8,682,282	25,302,359	12,585,813	21,837,712
Degree of ownership:									
8	Farms consisting of owned land only.....	1,180	1,203	1,318	878	397	1,630	412	1,651
9	Farms consisting of owned and hired land.....	432	483	518	340	217	760	144	266
Color and nativity of owners:									
10	Native white.....	1,350	1,620	1,584	1,192	536	2,237	497	1,486
11	Foreign-born white.....	250	28	242	26	78	151	59	431
12	Negro and other nonwhite.....	12	43	10			2		
FARMS OPERATED BY TENANTS									
13	Number of farms.....	1,524	806	1,690	747	474	1,656	539	978
14	Number of farms in 1900.....	<i>1,577</i>	<i>941</i>	<i>1,845</i>	<i>781</i>	<i>464</i>	<i>1,555</i>	<i>494</i>	<i>881</i>
15	Per cent of all farms.....	48.5	32.1	47.2	37.7	43.2	40.0	48.7	33.6
16	Per cent of all farms in 1900.....	<i>48.0</i>	<i>32.1</i>	<i>47.2</i>	<i>35.5</i>	<i>40.1</i>	<i>36.1</i>	<i>42.4</i>	<i>30.4</i>
17	Land in farms..... acres.....	173,855	58,914	263,986	92,013	59,163	192,474	83,808	132,400
18	Improved land in farms..... acres.....	151,636	50,629	251,046	64,947	48,711	180,284	77,612	119,044
19	Value of land and buildings..... dollars.....	17,486,962	2,949,242	39,306,129	7,786,326	5,472,835	20,092,404	11,470,680	13,108,080
Form of tenancy:									
20	Share tenants.....	709	616	370	470	255	761	187	229
21	Share-cash tenants.....	334	11	728	128	83	565	156	139
22	Cash tenants.....	404	43	566	138	135	300	193	606
23	Tenure not specified.....	77	136	26	11	1	30	3	4
Color and nativity of tenants:									
24	Native white.....	1,326	777	1,548	742	453	1,618	482	843
25	Foreign-born white.....	159	3	117	5	21	38	67	135
26	Negro and other nonwhite.....	39	26	25					
FARMS OPERATED BY MANAGERS									
27	Number of farms.....	9	20	53	14	8	37	12	18
28	Number of farms in 1900.....	<i>16</i>	<i>13</i>	<i>45</i>	<i>23</i>	<i>46</i>	<i>32</i>	<i>4</i>	<i>19</i>
29	Land in farms..... acres.....	1,069	4,902	8,917	5,710	2,908	7,433	2,559	3,666
30	Improved land in farms..... acres.....	916	3,990	8,451	4,365	1,406	6,473	2,129	2,358
31	Value of land and buildings..... dollars.....	187,330	277,470	1,584,290	243,690	241,950	641,740	386,650	254,076
MORTGAGE DEBT REPORTS¹									
For all farms operated by owners:									
32	Number free from mortgage debt.....	1,262	1,089	1,130	518	330	1,442	329	1,139
33	Number with mortgage debt.....	331	575	647	695	271	892	210	766
34	Number with no mortgage report.....	19	22	59	5	13	56	17	12
For farms consisting of owned land only:									
35	Number reporting debt and amount.....	212	852	416	462	152	542	127	590
36	Value of their land and buildings..... dollars.....	1,970,158	1,437,025	7,416,810	4,717,652	1,829,792	6,001,675	2,010,478	6,823,470
37	Amount of mortgage debt..... dollars.....	563,280	808,209	1,807,136	1,438,605	554,804	1,430,014	739,000	2,012,763
38	Per cent of value of land and buildings.....	28.6	21.4	24.4	30.5	30.3	23.8	26.4	31.8

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products..... number.....	10,192	3,890	11,000	5,168	2,887	10,077	3,253	24,880
2	Dairy cows on farms reporting milk produced..... number.....	9,412	3,872	10,435	4,986	2,857	8,995	2,747	18,713
3	Milk—Produced..... gallons.....	3,110,297	1,223,133	3,551,526	1,300,019	895,121	2,798,058	706,135	7,621,059
4	Sold..... gallons.....	1,406,738	94,829	728,439	26,383	46,745	215,236	9,706	5,397,308
5	Cream sold..... gallons.....	6,255		7,147	4,823	4,974	14,141	4,513	149,241
6	Butter fat sold..... pounds.....	2,733		3,927	2,821	3,081	142,481	8,800	484,743
7	Butter—Produced..... pounds.....	582,486	417,669	800,935	320,239	213,753	591,839	202,232	290,020
8	Sold..... pounds.....	411,985	168,158	423,503	140,034	101,786	300,255	131,797	184,704
9	Cheese—Produced..... pounds.....	29,988		550					1,350
10	Sold..... pounds.....	23,685		520				1,010	1,000
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	317,054	111,410	304,640	77,467	58,554	198,880	64,674	787,881
12	Receipts from sale of dairy products..... dollars.....	277,581	56,389	220,690	40,268	36,303	139,345	36,326	760,146
Poultry Products									
13	Poultry—Raised..... number.....	534,640	232,255	542,016	266,740	181,923	523,047	132,481	324,183
14	Sold..... number.....	214,493	92,036	202,177	92,846	59,500	199,477	58,040	133,008
15	Eggs—Produced..... dozens.....	1,349,822	650,657	1,167,348	781,558	528,896	1,557,958	362,460	1,176,618
16	Sold..... dozens.....	945,622	435,400	608,082	517,406	337,191	1,036,620	218,895	852,427
17	Value of poultry and eggs produced..... dollars.....	455,800	241,482	481,679	258,533	169,887	540,409	128,855	392,426
18	Receipts from sale of poultry and eggs..... dollars.....	262,799	137,749	221,935	136,901	80,488	306,343	70,289	247,991
Honey and Wax									
19	Honey produced..... pounds.....	15,844	12,368	12,689	15,991	3,066	15,588	2,289	34,525
20	Wax produced..... pounds.....	706	134	80	284	14	195	100	799
21	Value of honey and wax produced..... dollars.....	2,038	2,022	1,979	1,958	428	2,551	318	4,334
Wool, Mohair, and Goat Hair									
22	Wool, fleece shorn..... number.....	1,077	2,080	10,193	2,791	2,953	11,638	5,843	11,397
23	Mohair and goat hair, fleeces shorn..... number.....	4	7	55	5		194	128	
24	Value of wool and mohair produced..... dollars.....	1,993	3,462	17,234	5,000	5,510	22,431	12,795	27,647
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered..... number.....	6,786	1,754	4,431	1,199	675	4,025	518	11,832
26	Other cattle—Sold or slaughtered..... number.....	2,576	5,530	18,273	5,958	6,805	12,529	7,749	12,700
27	Horses, mules, and asses and burros—Sold..... number.....	1,183	2,445	4,659	1,916	1,526	2,952	1,130	1,600
28	Pigs—Sold or slaughtered..... number.....	29,164	23,150	102,919	63,367	41,394	78,891	30,506	63,611
29	Sheep and goats—Sold or slaughtered..... number.....	526	3,562	10,331	2,036	4,393	7,684	4,227	8,153
30	Receipts from sale of animals..... dollars.....	407,205	675,368	2,979,044	1,266,517	1,028,180	1,826,764	1,014,367	1,731,914
31	Value of animals slaughtered..... dollars.....	288,713	124,241	268,326	124,397	88,646	225,673	53,070	165,684

AGRICULTURE—ILLINOIS.

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

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

	Tazewell.	Union.	Vermilion.	Wabash.	Warren.	Washington.	Wayne.	White.	Whiteside.	Will.	Williamson.	Winnebago.	Woodford.
1	1,219	1,440	1,898	718	1,009	1,601	3,185	1,587	1,377	2,102	1,959	1,339	991
2	<i>1,438</i>	<i>1,867</i>	<i>2,269</i>	<i>814</i>	<i>1,179</i>	<i>1,658</i>	<i>3,106</i>	<i>1,743</i>	<i>1,521</i>	<i>2,185</i>	<i>2,233</i>	<i>1,375</i>	<i>886</i>
3	48.3	62.4	49.9	04.2	49.9	63.5	74.3	61.2	47.5	58.6	70.4	59.8	47.6
4	<i>60.6</i>	<i>62.8</i>	<i>54.8</i>	<i>71.6</i>	<i>54.7</i>	<i>66.4</i>	<i>76.6</i>	<i>59.0</i>	<i>53.6</i>	<i>61.0</i>	<i>72.6</i>	<i>61.2</i>	<i>46.3</i>
5	171,362	147,914	236,023	79,993	155,335	207,228	312,362	178,238	173,136	282,650	161,625	161,329	147,029
6	148,285	101,461	217,328	70,989	130,675	167,030	276,818	153,812	150,781	250,781	137,606	140,073	125,692
7	27,975,379	5,807,416	36,527,550	6,264,130	22,499,039	8,515,194	13,430,136	10,855,476	19,463,999	34,469,838	6,050,173	16,463,836	24,450,499
8	926	1,132	1,350	502	716	1,121	2,050	1,084	1,189	1,711	1,512	1,193	749
9	293	308	648	216	293	480	1,135	503	191	391	447	1,146	242
10	971	1,391	1,721	689	891	1,063	3,132	1,549	973	1,426	1,908	981	777
11	246	47	176	29	117	524	53	33	403	669	40	356	211
12	2	2	1	-----	1	14	-----	5	1	7	11	2	3
13	1,272	850	1,880	398	921	911	1,070	909	1,495	1,448	818	887	1,072
14	<i>1,322</i>	<i>792</i>	<i>1,845</i>	<i>317</i>	<i>952</i>	<i>831</i>	<i>986</i>	<i>1,166</i>	<i>1,292</i>	<i>1,867</i>	<i>865</i>	<i>849</i>	<i>1,180</i>
15	50.4	36.8	49.5	35.6	45.6	36.1	25.1	38.5	51.6	40.4	20.4	39.6	51.5
16	<i>48.7</i>	<i>36.6</i>	<i>44.8</i>	<i>27.8</i>	<i>44.1</i>	<i>33.3</i>	<i>23.0</i>	<i>39.7</i>	<i>46.6</i>	<i>38.1</i>	<i>27.2</i>	<i>37.8</i>	<i>54.2</i>
17	195,148	74,120	287,734	43,863	154,215	119,960	89,975	105,341	236,492	211,345	64,337	138,285	166,008
18	174,220	48,182	272,619	39,685	137,421	103,728	75,894	98,514	205,235	190,324	53,957	119,104	150,370
19	80,860,401	2,736,512	42,773,039	3,444,121	21,932,619	5,197,709	3,803,675	7,121,110	24,459,988	28,052,210	2,663,068	13,625,286	28,548,965
20	609	717	712	336	281	644	901	758	344	168	619	372	278
21	206	49	553	16	217	193	72	27	159	70	59	21	297
22	401	66	585	23	421	46	68	22	941	1,116	82	446	484
23	56	18	30	23	2	28	35	192	51	94	58	48	13
24	1,075	844	1,804	386	819	895	1,073	983	1,098	1,078	807	658	889
25	197	5	71	7	100	105	2	3	397	367	8	229	182
26	-----	1	5	5	2	1	1	13	-----	3	3	-----	1
27	34	19	23	2	91	9	24	6	26	38	4	15	19
28	<i>20</i>	<i>13</i>	<i>24</i>	<i>8</i>	<i>26</i>	<i>7</i>	<i>19</i>	<i>13</i>	<i>23</i>	<i>32</i>	<i>8</i>	<i>21</i>	<i>11</i>
29	8,018	5,371	10,628	223	17,103	1,947	6,175	1,448	6,897	4,666	1,680	3,466	3,027
30	6,058	2,575	10,418	197	14,619	1,253	3,625	1,155	6,164	3,506	660	2,951	2,286
31	1,233,200	283,700	1,711,577	17,525	2,408,885	88,914	270,350	72,940	727,090	598,345	52,000	314,300	409,850
32	706	827	1,138	478	587	1,116	1,659	856	678	1,420	1,418	712	644
33	473	575	715	237	408	476	1,501	716	684	661	519	599	325
34	40	38	45	3	14	9	25	15	15	21	22	28	22
35	331	302	454	146	255	289	830	425	567	524	383	499	212
36	6,990,830	1,260,881	9,496,342	1,286,355	5,521,092	1,230,341	3,408,402	2,572,676	8,518,493	8,940,241	997,898	5,846,702	5,261,694
37	1,569,924	341,521	1,809,581	291,450	1,398,595	302,867	724,552	685,760	2,590,833	2,421,888	220,774	1,833,155	1,033,570
38	22.3	27.1	19.1	22.7	25.3	24.6	20.9	26.7	30.4	27.1	22.1	31.4	19.6

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

1	9,138	3,323	10,518	2,509	6,729	8,314	8,846	4,382	21,121	21,768	4,750	17,305	7,151
2	7,475	3,284	9,331	2,323	6,591	7,610	8,577	4,228	12,557	16,424	4,664	9,640	6,553
3	2,312,271	1,241,748	3,349,494	687,059	2,200,940	2,132,977	2,217,852	1,113,279	4,771,660	6,242,274	1,634,252	4,209,664	2,073,607
4	308,543	63,620	645,421	61,208	170,135	1,220,425	44,213	23,231	2,481,434	4,169,117	156,730	4,102,694	106,174
5	33,629	2,955	13,139	2,506	11,441	2,474	406	-----	147,996	47,786	1,759	179,356	12,289
6	10,733	7,769	32,496	11,248	6,374	9,698	31,326	-----	184,885	80,025	6,894	129,358	41,824
7	674,885	326,798	829,330	163,646	578,062	205,901	664,538	342,143	811,349	803,534	611,060	297,728	486,284
8	416,875	188,977	416,413	91,290	305,635	93,047	191,247	101,855	693,472	532,676	323,635	219,957	807,132
9	4,052	286	-----	-----	295	-----	-----	-----	1,070	-----	1,300	2,376	-----
10	3,297	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,300	1,545	-----
11	248,934	78,895	329,019	51,057	178,176	173,146	147,370	73,291	591,680	806,592	159,477	656,743	145,402
12	187,475	42,360	231,636	34,879	116,231	149,156	53,437	25,005	538,642	730,245	98,695	637,250	105,543
13	327,745	157,326	488,532	120,391	272,814	302,037	375,278	332,270	310,289	447,093	273,567	208,744	301,661
14	116,726	57,929	189,291	41,273	116,626	119,607	140,103	120,412	145,992	187,994	87,699	92,646	110,718
15	915,169	451,056	1,227,129	410,947	773,571	1,248,265	2,080,807	980,734	968,261	1,394,342	599,252	791,814	762,275
16	532,372	278,932	668,285	276,795	415,156	988,008	1,641,027	630,874	592,841	949,196	384,919	492,072	434,802
17	323,363	149,892	485,438	131,695	268,270	338,385	592,242	352,074	336,065	510,340	229,388	257,472	285,891
18	154,637	77,466	234,653	73,000	135,340	222,948	401,985	185,519	189,511	294,302	114,583	146,349	149,398
19	4,337	6,383	25,523	6,002	7,525	11,303	32,081	21,216	49,884	27,750	15,583	14,995	2,254
20	97	76	360	36	74	438	666	344	924	361	409	473	14
21	674	1,154	4,319	914	1,043	1,625	4,515	3,447	5,919	3,851	2,872	2,104	327
22	5,930	1,256	11,263	1,923	5,311	1,545	12,087	6,733	5,133	2,344	857	8,205	1,331
23	5	105	66	-----	81	6	6	2	60	-----	-----	216	-----
24	11,345	2,532	17,695	4,042	8,932	2,493	22,260	13,583	10,481	4,635	1,345	18,020	3,775
25	4,154	1,414	3,488	1,010	1,003	4,941	3,280	1,071	8,310	14,886	2,067	9,009	4,039
26	7,778	2,671	10,883	1,400	34,008	2,823	10,520	3,695	24,641	13,526	5,097	14,020	9,997
27	2,813	884	2,892	544	3,045	1,367	2,962	1,547	2,300	2,805	1,510	1,318	2,531
28	40,572	18,870	71,298	14,608	78,073	23,785	31,604	42,164	64,482	33,282	22,617	47,708	38,861
29	2,871	771	20,466	562	8,627	1,401	7,821	6,263	4,266	4,346	1,636	5,055	3,502
30	1,308,668	281,193	1,806,048	260,883	3,844,725	426,438	858,400	697,458	2,289,775	1,417,247	454,553	1,450,866	1,332,898
31	194,182	138,078	246,468	60,635	93,299	159,188	191,798	164,027	99,557	226,426	171,232	42,122	155,219

AGRICULTURE—ILLINOIS.

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

		THE STATE.	Adams.	Alexander.	Bond.	Boone.	Brown.	Bureau.	
VALUE OF ALL CROPS									
1	Total.....	dollars..	372,270,470	5,102,564	619,027	1,587,839	1,759,344	1,578,005	7,165,497
2	Cereals.....	dollars..	297,523,098	3,788,357	425,471	1,141,581	1,222,271	1,228,566	6,008,965
3	Other grains and seeds.....	dollars..	2,255,393	64,126	3,256	3,420	4,393	14,234	13,805
4	Hay and forage.....	dollars..	40,560,220	648,674	101,649	290,470	400,932	205,638	849,224
5	Vegetables.....	dollars..	16,300,654	279,733	39,479	76,819	84,874	52,550	175,702
6	Fruits and nuts.....	dollars..	5,414,694	154,333	14,546	17,872	11,335	23,525	43,218
7	All other crops.....	dollars..	10,216,511	167,341	34,626	37,671	35,539	53,492	74,583
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres.....	16,536,457	200,393	30,033	87,379	77,512	65,627	293,721
10	Corn.....	bushels..	580,954,423	6,085,856	690,054	2,059,607	2,689,781	2,184,061	12,728,417
11	acres.....		10,045,839	106,042	19,317	54,645	42,301	41,561	187,080
12	Wheat.....	bushels..	390,218,876	4,046,596	514,071	1,456,013	1,431,355	1,725,600	8,575,697
13	acres.....		4,176,485	33,017	595	14,873	27,644	5,331	97,970
14	Oats.....	bushels..	150,386,074	885,725	11,197	321,068	1,056,875	158,123	3,009,757
15	acres.....		2,185,091	60,608	10,121	17,252	327	18,263	6,572
16	Emmer and spelt.....	bushels..	37,830,732	1,144,075	164,786	275,242	8,009	294,349	141,923
17	acres.....		1,633	10			35		68
18	Barley.....	bushels..	41,999	200			1,380		1,605
19	acres.....		63,325	132			6,356		300
20	Buckwheat.....	bushels..	1,613,559	1,677			177,859	503	8,222
21	acres.....		4,606	10			707		60
22	Rye.....	bushels..	68,125	55			40		1,105
23	acres.....		58,973	568			809	442	1,649
24	Other grains:								
25	Dry peas.....	acres.....	41,076		258		132	10	
26	bushels..		185,020		1,708		575	130	
27	Hay and forage:								
28	Total.....	acres.....	3,349,435	55,888	4,012	32,295	27,164	17,040	56,295
29	All tame or cultivated grasses.....	tons.....	4,354,466	71,489	9,412	33,238	42,895	22,751	87,492
30	Timothy alone.....	tons.....	3,023,371	54,380	3,707	25,849	24,505	16,931	53,002
31	Timothy and clover mixed.....	tons.....	3,832,706	69,473	9,103	24,447	38,187	22,532	80,138
32	Clover alone.....	tons.....	1,587,210	24,756	1,276	20,825	12,414	7,253	24,034
33	Alfalfa.....	tons.....	1,947,572	31,972	1,534	19,080	19,187	9,805	36,176
34	Millet or Hungarian grass.....	tons.....	827,625	21,545	305	1,648	10,452	6,498	25,274
35	Other tame or cultivated grasses.....	tons.....	1,123,254	26,926	353	1,571	16,282	8,700	37,800
36	Wild, salt, or prairie grasses.....	tons.....	427,067	7,841	626	2,754	1,255	3,019	3,361
37	Grains cut green.....	tons.....	530,790	10,137	827	3,052	2,163	3,578	5,384
38	Coarse forage.....	tons.....	18,344	75	1,451	45	52	36	135
39	Special crops.....	tons.....	52,284	160	6,331	83	118	118	470
40	Potatoes.....	acres.....	33,968	83	49	549	112	40	97
41	Sweet potatoes and yams.....	acres.....	46,918	128	58	662	184	51	183
42	All other vegetables.....	acres.....	128,258	80		28	220	85	101
43	Maple trees.....	tons.....	122,688	150		19	241	100	143
44	Maple sugar (made).....	acres.....	112,978	20			1,670	10	1,899
45	Maple sirup (made).....	acres.....	128,531	20			2,210	13	2,696
46	Broom corn.....	acres.....	80,226	141	305	6,081	26	2	165
47	Maple sugar (made).....	acres.....	99,528	246	309	7,214	28	3	267
48	Maple sirup (made).....	acres.....	132,827	1,327		415	963	97	1,220
49	Broom corn.....	acres.....	293,108	1,745		1,577	2,470	203	4,388
50	Special crops:								
51	Potatoes.....	acres.....	138,052	2,027	528	680	1,178	411	2,418
52	Sweet potatoes and yams.....	bushels..	12,166,081	218,758	38,471	64,614	140,532	31,319	222,604
53	acres.....		10,505	182	96	22	4	4	1
54	All other vegetables.....	bushels..	1,050,932	23,865	9,691	1,816	14	181	91
55	acres.....		120,291	1,074	247	408	509	377	778
56	Maple trees.....	number..	48,098	377			10	1,107	355
57	Maple sugar (made).....	pounds..	5,366	22				40	2
58	Maple sirup (made).....	pounds..	13,492	141				470	113
59	Broom corn.....	acres.....	38,452	1					
60	pounds..		19,309,425	1,200	100	100		50	
FRUITS AND NUTS									
61	Orchard fruits:								
62	Total.....	trees.....	15,033,743	389,111	14,473	241,035	26,289	75,809	139,525
63	Apples.....	bushels..	4,939,211	151,409	20,489	14,770	6,243	26,920	19,256
64	acres.....		8,900,827	232,543	8,032	188,568	17,469	41,870	70,808
65	Peaches and nectarines.....	bushels..	3,093,321	128,882	14,206	3,852	4,888	17,792	14,009
66	acres.....		2,860,120	96,357	3,842	36,673	109	21,780	30,528
67	Pears.....	bushels..	1,222,870	11,561	4,674	9,433	1	7,165	4,580
68	acres.....		736,349	28,704	608	5,679	687	2,681	4,789
69	Plums and prunes.....	bushels..	249,365	4,551	816	1,069	1,555	764	321
70	acres.....		600,087	13,510	855	5,203	1,079	5,216	13,398
71	Cherries.....	bushels..	78,566	1,468	697	87	27	292	365
72	acres.....		843,283	17,807	218	4,617	6,885	4,019	19,821
73	Quinces.....	bushels..	287,376	5,981	70	224	1,106	849	3,957
74	acres.....		30,804	244	15	354	37	163	63
75	bushels..		6,723	35	6	8	7	54	3
76	Grapes.....	vines.....	2,170,340	35,786	937	9,333	1,650	4,457	30,614
77	pounds..		16,582,785	367,842	7,971	66,181	21,605	58,867	282,367
78	Small fruits:								
79	Total.....	acres.....	11,723	255	47	43	22	522	160
80	Strawberries.....	quarts..	13,602,676	649,262	49,027	31,776	22,803	32,767	120,329
81	acres.....		5,410	128	46	14	6	6	37
82	Raspberries and loganberries.....	quarts..	8,031,824	388,011	47,464	3,387	14,030	5,432	58,475
83	acres.....		1,945	42				7	28
84	Blackberries and dewberries.....	quarts..	1,894,337	97,731	28	2,099	4,496	4,347	24,021
85	acres.....		3,503	54	1	1	1	507	35
86	Nuts.....	quarts..	2,915,473	132,223	1,251	21,133	1,211	21,712	37,170
87	trees.....		85,428	362	89	201	229	539	1,113
88	pounds..		714,478	5,930	3,027	14,545	2,800	6,735	5,015

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	199,941	2,394	392	797	752	842	1,921
2	Cash expended.....	dollars..	27,989,488	355,422	75,580	87,557	150,097	90,516	498,908
3	Rent and board furnished.....	dollars..	8,318,888	106,324	9,625	22,701	66,069	21,168	171,322
4	Fertilizer.....	Farms reporting.....	11,207	72	6	13	16	11	99
5	Amount expended.....	dollars..	615,594	4,727	260	306	390	248	5,714
6	Feed.....	Farms reporting.....	94,143	1,730	279	809	504	648	998
7	Amount expended.....	dollars..	13,915,628	284,828	20,140	77,114	81,998	114,812	200,108
8	Receipts from sale of feedable crops.....	dollars..	104,425,194	456,843	84,921	122,002	286,096	151,496	2,418,891

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

		Dekalb.	Dewitt.	Douglas.	Dupage.	Edgar.	Edwards.	Effingham.	Fayette.	
VALUE OF ALL CROPS										
1	Total	5,487,231	3,693,830	4,200,444	2,170,616	5,315,601	1,107,364	1,734,101	2,721,987	
2	Cereals	4,436,233	3,378,497	3,745,992	1,273,117	4,839,637	814,623	1,211,537	2,013,705	
3	Other grains and seeds	9,520	4,181	17,201	1,709	13,091	19,153	33,385	13,520	
4	Hay and forage	821,723	180,668	180,662	525,413	280,132	157,233	300,654	424,885	
5	Vegetables	113,801	70,375	68,680	99,743	104,547	43,032	86,720	143,616	
6	Fruits and nuts	22,230	44,163	24,594	17,434	36,587	17,666	81,855	61,251	
7	All other crops	53,669	15,946	163,225	258,200	41,607	55,557	59,800	74,930	
SELECTED CROPS (acres and quantity)										
8	Cereals:									
9	Total	230,056	169,631	181,565	79,348	239,796	55,324	111,635	160,805	
10	bushels	9,738,236	7,015,446	7,693,827	2,704,329	10,074,001	1,502,100	2,243,874	3,758,243	
11	Corn	136,337	111,249	125,431	39,375	150,459	36,876	64,692	107,130	
12	bushels	5,996,491	4,981,796	5,782,045	1,232,667	7,150,597	1,130,691	1,358,984	2,759,893	
13	Oats	89,309	50,623	49,670	35,671	75,571	8,282	25,743	23,701	
14	bushels	3,630,513	1,888,373	1,771,402	1,307,149	2,651,592	205,505	603,961	525,304	
15	Wheat	537	7,625	6,338	2,607	13,508	9,906	21,021	28,633	
16	bushels	13,214	143,235	137,394	61,556	267,216	163,841	279,287	417,832	
17	Emmer and spelt	5	5	5	16	6	6	2	1	
18	bushels	100	100	100	532	101	101	40	30	
19	Barley	3,006	98	98	1,042	8	8	2	2	
20	bushels	84,203	2,442	2,442	29,210	6	6	9	25	
21	Buckwheat	43	43	43	6	8	8	9	35	
22	bushels	1,070	55	55	55	51	51	115	203	
23	Rye	324	123	28	621	244	167	163	1,193	
24	bushels	6,365	1,939	544	12,951	4,444	1,931	1,395	12,828	
25	Other grains:									
26	Dry peas			10			491	170	1,418	
27	bushels			46			2,600	860	4,473	
28	Hay and forage:									
29	Total	53,594	13,363	14,249	33,998	24,866	18,992	39,492	53,995	
30	tons	87,336	17,668	20,374	56,714	33,236	22,997	34,876	55,832	
31	All tame or cultivated grasses	48,303	13,179	14,225	26,251	24,711	15,215	33,681	48,351	
32	tons	73,500	17,190	20,293	39,272	32,778	16,791	28,541	45,525	
33	Timothy alone	15,839	8,689	4,002	11,622	16,054	5,543	31,099	42,680	
34	bushels	23,620	11,606	7,296	16,066	21,255	6,378	25,260	38,393	
35	Timothy and clover mixed	30,744	1,202	2,338	12,447	3,527	759	1,474	2,016	
36	tons	46,922	1,624	3,944	17,063	4,924	874	1,004	2,300	
37	Clover alone	1,565	3,184	6,190	825	5,008	1,394	415	2,313	
38	bushels	2,568	8,769	8,478	1,428	6,349	1,850	618	3,163	
39	Alfalfa	48	28	10	449	9	9	161	61	
40	bushels	176	85	43	1,587	20	20	516	142	
41	Millet or Hungarian grass	64	71	231	410	113	351	307	1,093	
42	bushels	172	101	457	707	224	431	874	1,394	
43	Other tame or cultivated grasses	43	5	54	489	7,168	225	194	194	
44	bushels	42	5	75	574	7,253	169	144	144	
45	Wild, salt, or prairie grasses	1,349	4	4	4,470	14	14	14	14	
46	bushels	1,847	4	4	5,921	12	12	12	12	
47	Grains cut green	9	141	4	12	72	1,148	1,496	2,618	
48	bushels	19	250	8	36	86	1,480	2,225	4,745	
49	Coarse forage	3,933	39	20	3,265	83	2,620	1,302	3,028	
50	bushels	11,970	124	73	11,435	372	4,690	4,097	5,262	
51	Special crops:									
52	Potatoes	1,605	600	391	2,417	678	335	770	1,111	
53	bushels	137,176	53,058	39,142	148,211	64,550	35,792	68,676	93,729	
54	Sweet potatoes and yams	3	3	9	6	6	18	10	40	
55	bushels	50	181	300	3	589	1,300	730	3,084	
56	acres	887	425	450	263	635	246	730	1,033	
57	Maple trees		2,062	137	1	3,631		93	115	
58	Maple sugar (made)			20		462				
59	Maple sirup (made)			38		1,707		25	49	
60	gallons		863	38		325		8	136	
61	Broom corn			3,256		1,707		8	214	
62	acres			1,936,541		177,125		61,275	52,359	
63	pounds									
64	FRUITS AND NUTS									
65	Orchard fruits:									
66	Total	57,044	73,436	64,316	43,572	117,760	105,578	236,861	336,552	
67	bushels	11,063	40,248	20,459	11,581	30,017	11,415	40,413	29,286	
68	Apples	39,686	27,145	36,172	31,132	69,098	76,076	189,314	240,010	
69	bushels	8,227	17,048	7,389	7,982	11,507	2,096	24,684	6,379	
70	trees	1,945	29,744	15,865	1,729	29,847	16,877	30,075	52,923	
71	Peaches and nectarines	67	18,477	9,871	70	13,938	6,896	12,595	10,493	
72	bushels	1,715	5,610	2,152	2,283	5,080	3,233	7,950	23,553	
73	trees	320	685	449	719	1,747	933	1,288	1,494	
74	Plums and prunes	2,753	4,525	3,486	927	5,301	5,464	3,100	6,510	
75	bushels	181	246	102	87	160	1,002	172	457	
76	trees	10,803	6,280	6,987	7,427	10,672	3,481	8,527	10,523	
77	bushels	2,265	3,780	2,624	2,716	2,482	3,905	1,361	1,513	
78	Quinces	91	34	165	51	652	391	848	303	
79	bushels	2	6	16	7	175	39	314	37	
80	Grapes	8,521	5,455	10,271	8,745	7,335	7,097	13,303	16,653	
81	pounds	105,760	127,208	104,759	68,467	10,960	62,890	83,701	155,076	
82	Small fruits:									
83	Total	31	39	30	29	57	71	13	241	
84	quarts	41,348	41,321	30,857	28,814	84,203	102,215	18,075	343,564	
85	acres	13	15	10	21	13	46	5	101	
86	Raspberries and loganberries	21,434	17,348	10,102	23,435	36,991	70,360	9,134	310,050	
87	acres	8	5	3	2	12	7	1	6	
88	quarts	8,609	5,097	2,617	787	17,484	9,357	744	3,503	
89	acres	7	16	1	1	23	10	5	23	
90	quarts	8,088	17,071	15,074	712	21,786	14,604	5,179	20,535	
91	Nuts	343	265	991	67	1,145	30	34	22	
92	trees	1,580	7,255	6,880	2,650	7,390	692	1,615	250	

TABLE 5.—SELECTED FARM EXPENSES

1	Labor								
2	Farms reporting	1,715	1,008	1,231	961	1,714	696	1,018	1,690
3	Cash expended	490,456	253,224	289,414	317,191	405,189	51,827	90,652	140,650
4	Rent and board furnished	201,596	54,033	83,150	109,454	107,539	9,231	27,042	31,476
5	Fertilizer	132	29	24	52	46	462	58	218
6	Amount expended	4,840	1,272	1,390	5,100	4,416	15,396	1,596	7,309
7	Farms reporting	720	459	690	877	993	803	929	1,519
8	Amount expended	171,472	40,437	64,808	216,152	241,930	59,316	100,019	189,475
9	Receipts from sale of feedable crops	1,890,818	1,777,744	2,007,433	222,214	2,275,069	129,327	207,800	378,761

AGRICULTURE—ILLINOIS.

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

		Jasper.	Jefferson.	Jersey.	Jo Daviess.	Johnson.	Kane.	Kankakee.	Kendall.
VALUE OF ALL CROPS									
1	Total.....	dollars 1,801,961	1,897,737	2,009,284	2,764,066	1,129,554	3,928,086	5,032,515	2,723,457
2	Cereals.....	dollars 1,076,740	1,175,155	1,686,781	1,680,056	653,627	2,682,250	4,298,265	2,407,369
3	Other grains and seeds.....	dollars 60,822	48,291	12,411	5,558	4,590	1,233	3,825	2,683
4	Hay and forage.....	dollars 386,904	338,804	191,437	812,149	199,340	858,971	487,058	253,320
5	Vegetables.....	dollars 112,717	132,047	76,391	137,798	95,187	105,871	156,379	42,626
6	Fruits and nuts.....	dollars 36,470	40,245	28,752	23,075	84,922	33,485	27,667	8,210
7	All other crops.....	dollars 128,808	73,635	43,512	105,430	91,888	186,276	59,321	9,249
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres 105,835	100,948	90,137	94,161	47,474	141,493	247,985	123,779
10	Corn.....	bushels 2,049,327	2,254,253	2,654,571	3,432,495	1,223,728	5,549,731	9,240,154	5,114,112
11	Oats.....	acres 14,221	5,913	5,871	30,691	1,202	60,626	98,702	52,422
12	Wheat.....	bushels 343,466	127,618	141,493	1,084,229	20,874	2,053,249	3,710,003	2,128,085
13	Emmer and spelt.....	acres 15	3	1	37	1	36	11	1
14	Barley.....	bushels 94	10	18	945	1	786	306	25
15	Buckwheat.....	acres 6	1	5	5,385	1	3,219	24	89
16	Rye.....	bushels 70	6	75	129,859	1	98,530	509	2,300
17	Other grains:								
18	Dry peas.....	acres 425	2,392	71	1,001	1	925	7,280	1
19	Hay and forage:								
20	Total.....	bushels 1,743	8,709	330	386	1,794	934	2,381	185
21	All tame or cultivated grasses.....	acres 46,146	46,558	15,862	61,890	19,623	49,047	43,281	17,823
22	Timothy alone.....	tons 48,472	42,719	20,120	55,507	22,159	95,670	59,780	24,597
23	Timothy and clover mixed.....	acres 41,878	40,328	14,034	58,063	16,992	42,007	39,972	17,321
24	Clover alone.....	tons 42,292	30,157	18,779	80,232	10,800	74,015	37,474	23,596
25	Alfalfa.....	acres 36,345	24,847	6,347	30,007	7,946	18,993	20,905	7,898
26	Millet or Hungarian grass.....	tons 30,095	21,790	7,676	41,298	8,059	31,908	28,438	9,659
27	Other tame or cultivated grasses.....	acres 1,703	4,225	2,892	20,502	4,970	20,218	8,032	9,221
28	Wild, salt, or prairie grasses.....	tons 2,015	3,859	4,092	36,770	5,023	35,448	9,422	12,926
29	Grains cut green.....	acres 379	371	5,570	1,111	1,705	1,840	701	613
30	Coarse forage.....	tons 429	367	6,817	1,447	1,741	3,649	145	753
31	Special crops:								
32	Potatoes.....	acres 13	40	52	108	19	854	498	223
33	Sweet potatoes and yams.....	acres 253	3,049	34	42	249	2,061	477	18
34	All other vegetables.....	acres 337	3,271	34	75	448	272	813	21
35	Maple trees.....	acres 3,125	7,706	39	293	1,006	68	859	16
36	Maple sugar (made).....	acres 2,777	6,833	40	310	900	77	807	14
37	Maple sirup (made).....	acres 350	43	496	634	1,881	11,953	276	275
38	Broom corn.....	acres 323	39	634	1,447	1,741	3,649	145	753
39	FRUITS AND NUTS								
40	Orchard fruits:								
41	Total.....	acres 252,191	473,236	117,085	49,082	172,990	44,870	46,709	27,494
42	Apples.....	bushels 50,691	39,137	30,730	13,124	118,906	14,979	15,602	9,538
43	Peaches and nectarines.....	bushels 202,175	379,750	83,528	35,825	122,711	28,171	28,063	14,765
44	Pears.....	bushels 29,614	9,162	23,327	11,993	89,872	10,667	6,238	2,152
45	Plums and prunes.....	acres 30,480	71,158	20,828	278	38,485	966	8,201	5,811
46	Cherries.....	bushels 17,290	25,850	5,334	4	29,350	177	2,074	209
47	Quinces.....	acres 3,984	8,542	4,201	1,020	5,240	2,211	1,431	1,378
48	Grapes.....	bushels 1,577	2,297	1,100	246	3,554	785	271	203
49	Small fruits:								
50	Total.....	acres 6,193	8,303	4,324	4,890	2,138	1,510	1,424	1,840
51	Strawberries.....	bushels 588	1,479	542	369	692	301	66	54
52	Raspberries and loganberries.....	acres 8,775	4,975	3,783	7,040	4,012	11,941	7,447	3,606
53	Blackberries and dewberries.....	bushels 1,535	291	308	1,112	1,324	3,046	5,994	948
54	Nuts.....	acres 517	450	301	177	177	16	125	64
55	FRUITS AND NUTS								
56	Total.....	pounds 947,650	27,161	117	3	14	2	51	21
57	FRUITS AND NUTS								
58	FRUITS AND NUTS								
59	FRUITS AND NUTS								
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79	FRUITS AND NUTS								
80	FRUITS AND NUTS								
81	FRUITS AND NUTS								
82	FRUITS AND NUTS								
83	FRUITS AND NUTS								
84	FRUITS AND NUTS								

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	1,042	1,391	997	1,088	675	1,433	1,269	763
2	Cash expended.....	dollars 76,493	93,355	170,333	179,050	73,550	593,690	309,510	191,263	
3	Rent and board furnished.....	dollars 18,354	21,728	50,095	13,788	203,842	112,000	72,183		
4	Fertilizer.....	Farms reporting.....	34	116	40	52	94	87	421	29
5	Amount expended.....	dollars 1,195	2,690	2,330	858	3,549	6,418	30,967	2,007	
6	Feed.....	Farms reporting.....	1,195	1,512	711	658	600	1,195	631	220
7	Amount expended.....	dollars 87,363	88,992	93,956	73,240	25,012	327,352	60,536	27,651	
8	Receipts from sale of feedable crops.....	dollars 249,930	155,938	181,238	161,716	141,587	449,516	2,314,337	1,228,452	

AGRICULTURE—ILLINOIS.

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

		Marion.	Marshall.	Mason.	Massac.	Menard.	Mercer.	Monroe.	Montgomery.
VALUE OF ALL CROPS									
1	Total	1,846,301	3,087,730	3,586,196	903,054	2,555,316	3,525,524	2,072,504	4,144,905
2	Cereals	1,296,929	2,748,028	3,267,410	579,453	2,271,130	2,844,867	1,092,413	3,286,261
3	Other grains and seeds	39,940	2,893	43,386	12,839	4,853	6,403	11,784	14,839
4	Hay and forage	294,688	242,988	167,331	152,738	162,856	497,781	146,607	603,154
5	Vegetables	132,955	52,578	55,527	67,750	51,827	76,393	155,023	128,309
6	Fruits and nuts	68,797	22,172	39,428	50,052	43,842	36,494	18,432	71,585
7	All other crops	113,992	19,071	13,114	40,222	21,308	63,586	47,345	40,767
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total	108,787	141,170	201,967	38,879	113,692	143,701	103,212	211,060
10	Corn	2,442,166	5,958,837	5,354,312	912,776	4,124,177	5,813,376	2,138,043	6,068,296
11	Oats	81,864	85,095	103,872	24,031	66,803	106,655	25,633	124,889
12	Wheat	1,910,480	3,682,624	3,449,750	701,949	2,863,165	4,640,655	894,414	4,119,053
13	Emmer and spelt	13,798	53,350	23,026	1,187	19,109	31,966	5,549	41,552
14	Barley	318,890	229,299	673,019	22,047	693,846	1,074,382	102,905	1,142,636
15	Buckwheat	13,540	2,670	69,127	13,386	27,695	2,829	71,790	44,113
16	Rye	211,333	45,877	1,219,036	187,111	566,691	60,240	1,136,207	800,285
17	Other grains:								
18	Dry peas	1,043		6,523	979	20		10	
19	Hay and forage:								
20	Total	43,280	17,342	15,816	14,234	11,525	36,749	15,298	57,781
21	All tame or cultivated grasses	38,867	23,637	17,645	15,312	16,376	52,643	17,049	64,841
22	Timothy alone	36,944	17,157	8,023	11,605	11,071	35,804	14,740	55,439
23	Timothy and clover mixed	31,535	23,328	10,473	12,185	15,950	50,004	16,040	59,322
24	Clover alone	23,282	8,754	3,120	3,801	4,841	15,255	3,290	39,795
25	Alfalfa	10,522	12,167	3,965	3,998	6,792	21,903	4,641	40,847
26	Millet or Hungarian grass	2,915	6,839	3,457	3,799	2,036	15,820	440	8,538
27	Other tame or cultivated grasses	2,625	7,797	4,143	3,976	2,943	22,019	659	9,951
28	Wild, salt, or prairie grasses	330	2,999	1,995	2,311	4,054	4,620	10,027	6,774
29	Grains out green	27	2,842	2,867	2,842	5,664	6,458	10,138	8,015
30	Coarse forage	20	104	11	28	89	43	315	51
31	Potatoes	2,242	304	40	29	290	124	746	147
32	Sweet potatoes and yams	2,445	61	30	31	61	60	66	280
33	All other vegetables	3,148	116	43	81	61	85	62	339
34	Maple trees	6,306		10	1,545		15	2	30
35	Maple sugar (made)	9,124		15	1,319		400	1	23
36	Maple sirup (made)	79		137	25		407	1	14
37	Broom corn	124		208	22		852	4	28
38	Special crops:								
39	Potatoes	4,135	35	6,556	2,156	54	18	47	400
40	Sweet potatoes and yams	4,318	29	6,804	2,503	125	26	57	632
41	All other vegetables	2,077	180	548	589		1,101	504	1,928
42	Maple trees	2,435					400	942	4,559
43	Maple sugar (made)	931	529	413	426	554	895	1,377	1,093
44	Maple sirup (made)	81,466	47,903	38,073	33,052	53,026	71,700	101,489	99,302
45	Broom corn	63	3	58	86	7	11	11	31
46	Orchard fruits:								
47	Total	4,208	189	5,055	8,758	514	861	745	2,648
48	Apples	1,462	281	471	918	357	473	252	687
49	Peaches and nectarines	830	15			714	129		
50	Pears	278	5	6		301	22		
51	Plums and prunes	170						1	1
52	Cherries	69,475		1,800	251			250	256
53	Quinces								
54	Small fruits:								
55	Total	249	26	33	103	59	66	11	92
56	Strawberries	280,474	23,942	26,804	138,415	73,756	84,347	11,886	107,309
57	Raspberries and loganberries	166	8	10	95	10	22	4	22
58	Blackberries and dewberries	223,332	9,235	9,060	130,999	31,847	52,035	3,412	35,625
59	Nuts	9,173	6,417	2,339	776	14,781	12,433	12	13
60	Walnuts	65	9	12	6	29	28	5	46
61	Peanut	36,122	7,268	10,720	5,916	25,167	18,408	4,521	45,402
62	Other nuts	305	133	316	482	28	241	1,210	826
63	All nuts	3,865	200	1,923	11,164	405	3,115	7,315	9,519

TABLE 5.—SELECTED FARM EXPENSES

1	Labor								
2	Farms reporting	1,231	877	1,228	655	781	1,217	1,096	1,853
3	Cash expended	117,414	192,536	203,941	59,048	231,461	270,290	142,330	258,331
4	Rent and board furnished	20,067	49,877	69,920	11,589	62,815	85,606	57,883	75,441
5	Fertilizer	186	25	58	75	7	30	62	73
6	Amount expended	5,520	1,911	4,592	1,070	367	1,375	1,841	3,005
7	Farms reporting	1,410	877	1,040	354	368	834	717	1,266
8	Amount expended	99,707	64,965	59,601	16,426	101,222	340,042	45,898	171,096
9	Receipts from sale of feedable crops	195,647	1,181,072	1,116,096	118,037	466,258	706,650	32,093	764,898

AGRICULTURE—ILLINOIS.

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

	St. Clair.	Saline.	Sangamon.	Schuyler.	Scott.	Shelby.	Stark.	Stephenson.
VALUE OF ALL CROPS								
Total.....dollars.	4,761,122	1,363,656	7,458,942	2,579,011	1,732,674	4,380,769	2,417,177	3,643,588
Cereals.....dollars.	3,488,491	890,071	6,419,931	2,092,579	1,500,993	3,325,393	2,092,760	2,547,340
Other grains and seeds.....dollars.	28,129	9,093	68,617	26,519	5,311	24,553	4,725	12,947
Hay and forage.....dollars.	405,353	270,622	489,594	261,348	116,690	637,891	234,788	813,933
Vegetables.....dollars.	689,389	97,821	232,361	82,464	51,891	126,042	43,401	180,061
Fruits and nuts.....dollars.	67,776	56,134	104,982	49,602	29,090	64,454	22,472	28,014
All other crops.....dollars.	81,984	39,915	143,457	66,499	18,699	202,481	19,031	55,293
SELECTED CROPS (acres and quantity)								
Cereals:								
Total.....acres.	199,108	73,633	323,523	105,146	73,531	224,845	99,288	161,625
Corn.....bushels.	4,685,968	1,605,877	12,284,958	3,315,670	2,652,448	6,565,530	4,385,737	5,354,153
acres.	63,093	54,916	215,064	58,014	46,389	152,232	64,780	83,252
Oats.....bushels.	2,205,178	1,289,217	9,155,739	2,300,783	2,122,691	4,282,519	3,010,737	2,878,688
acres.	20,959	5,759	60,294	6,930	2,462	50,558	31,026	67,310
Wheat.....bushels.	457,703	123,521	2,142,634	217,946	70,620	1,395,273	1,319,176	2,230,344
acres.	114,907	12,937	47,441	39,724	24,293	21,293	2,643	788
Emmer and spelt.....bushels.	2,021,081	192,859	984,456	783,221	454,388	334,156	51,937	16,700
acres.	30	6	46	46	1,326	231	10	32
Barley.....bushels.	30	125	1,326	1,326	1,326	1,326	231	822
acres.	15	38	38	55	26	18	112	8,893
Buckwheat.....bushels.	561	767	767	1,196	395	175	2,241	209,520
acres.	10	1	1	1	1	10	40	927
Rye.....bushels.	103	21	81	376	361	737	97	1,304
acres.	1,123	280	1,234	5,183	4,354	7,207	1,395	17,152
Other grains:								
Dry peas.....acres.	14	137	2	2	2	2	2	2
bushels.	66	571	1	30	9	9	9	9
Hay and forage:								
Total.....acres.	35,336	28,024	38,787	20,727	10,197	59,767	15,049	60,054
tons.	38,377	30,064	51,038	29,129	13,399	67,376	22,759	90,365
All tame or cultivated grasses.....acres.	34,613	23,721	33,210	18,525	8,469	53,075	14,078	53,355
tons.	30,886	20,931	49,624	20,494	11,718	64,317	22,597	78,665
Timothy alone.....acres.	11,058	13,632	10,702	8,050	3,971	38,422	6,402	25,872
tons.	12,332	15,478	20,812	12,673	5,562	40,526	9,564	39,139
Timothy and clover, mixed.....acres.	790	5,208	8,946	4,429	2,121	11,878	6,089	24,310
tons.	958	5,048	11,036	6,394	2,892	13,592	9,169	34,336
Clover alone.....acres.	22,331	3,014	11,846	5,190	2,140	7,905	2,421	2,726
tons.	22,959	3,597	15,585	6,986	2,689	9,642	3,727	4,373
Alfalfa.....acres.	84	12	410	70	169	71	16	84
tons.	193	19	1,059	195	469	128	42	275
Millet or Hungarian grass.....acres.	223	788	278	121	28	275	50	112
tons.	323	993	504	178	46	330	95	190
Other tame or cultivated grasses.....acres.	121	1,067	28	65	40	124	251	352
tons.	121	1,196	28	68	60	99	8	1,603
Wild, salt, or prairie grasses.....acres.	13	75	25	30	30	30	12	2,453
tons.	14	1,022	184	9	23	290	37	27
Grains cut green.....acres.	297	1,359	239	11	31	290	75	30
tons.	352	1,281	393	2,168	1,075	802	26	5,069
Coarse forage.....acres.	413	1,774	1,175	2,549	1,606	2,799	75	9,217
Special crops:								
Potatoes.....acres.	7,079	589	2,038	604	401	1,005	539	2,274
bushels.	820,743	47,488	185,617	54,451	37,858	84,290	50,296	242,117
Sweet potatoes and yams.....acres.	52	134	57	5	18	18	1	1
bushels.	6,035	13,119	5,721	408	1,427	1,526	37	59
All other vegetables.....acres.	3,701	776	1,351	646	482	881	174	1,779
Maple trees.....number.			100	3,429	10	286	15	3,114
Maple sugar (made).....pounds.			135	412	20	20	595	595
Maple sirup (made).....gallons.			40	1,065	12	64	15	1,083
Broom corn.....acres.			1	3	6	4,833		
pounds.	1,180	1,265	700	3,000	13,132	2,171,769		150
FRUITS AND NUTS								
Orchard fruits:								
Total.....trees.	193,242	161,668	167,334	105,107	61,354	300,994	35,120	59,930
bushels.	48,569	77,901	79,580	62,824	26,809	65,832	15,389	11,032
Apples.....trees.	109,440	120,786	91,516	52,717	25,594	195,097	14,952	31,741
bushels.	15,804	45,194	52,139	39,335	15,630	32,830	10,368	8,587
Peaches and nectarines.....trees.	4,248	33,148	35,037	36,713	22,222	66,186	8,644	547
bushels.	17,757	29,895	19,652	18,729	8,453	24,128	672	16
Pears.....trees.	10,725	1,650	11,744	3,420	7,463	10,738	1,234	1,094
bushels.	8,887	612	2,029	1,178	1,074	2,365	292	107
Plums and prunes.....trees.	16,034	3,722	10,799	5,843	2,504	10,044	3,899	12,116
bushels.	4,838	1,841	938	609	441	786	327	763
Cherries.....trees.	7,703	3,236	17,217	6,574	3,477	17,985	6,299	14,359
bushels.	1,072	421	4,745	2,714	1,087	5,518	3,711	1,566
Quinces.....trees.	1,616	62	779	84	85	720	14	16
bushels.	189	8	53	25	121	177		
Grapes.....vines.	71,838	4,380	31,310	4,513	3,416	16,250	5,787	7,954
pounds.	419,246	70,009	241,227	102,124	49,427	109,883	49,630	55,626
Small fruits:								
Total.....acres.	117	49	179	77	56	80	65	79
Strawberries.....quarts.	149,780	41,096	322,624	55,473	78,673	73,352	63,810	121,526
acres.	34	14	59	8	9	23	25	22
Raspberries and loganberries.....quarts.	66,752	10,663	147,665	13,713	15,127	31,035	26,619	60,027
acres.	12	6	26	28	12	10	8	28
Blackberries and dewberries.....quarts.	13,650	2,011	27,868	12,766	4,812	6,766	6,657	20,200
acres.	46	22	83	38	33	37	30	17
Nuts.....trees.	45,537	17,510	132,737	28,084	56,616	27,704	27,332	22,208
pounds.	1,553	3	255	204	20	243	41	3,564
pounds.	5,868	300	5,095	53,940	15	6,950	1,490	52,592

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....Farms reporting.....	2,452	957	2,254	1,047	714	1,989	676	1,456
2	Cash expended.....dollars.	362,619	90,817	694,375	152,227	157,474	277,048	161,109	231,340
3	Rent and board furnished.....dollars.	151,713	23,852	191,954	39,250	31,420	53,883	43,604	70,439
4	Fertilizer.....Farms reporting.....	132	240	57	12	88	41	12	40
5	Amount expended.....dollars.	4,150	7,635	7,519	929	2,652	3,398	777	2,894
6	Feed.....Farms reporting.....	1,417	822	1,254	847	478	1,412	207	940
7	Amount expended.....dollars.	110,311	55,278	299,162	150,149	77,397	242,566	39,734	90,051
8	Receipts from sale of feedable crops.....dollars.	170,350	192,106	2,397,163	178,353	253,798	1,284,699	859,550	462,806

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

		THE STATE.	Adams.	Alexander.	Bond.	Boone.	Brown.	Bureau.	Calhoun.	Carroll.	Cass.
1	Incllosures reporting domestic animals...	130,179	2,064	362	714	582	414	1,807	126	688	509
2	Value of domestic animals.....dollars..	34,791,066	412,042	131,900	145,965	131,356	85,360	354,203	24,120	134,079	119,290
Cattle:											
3	Total number.....	77,255	705	246	544	233	244	1,291	69	306	235
4	Value.....dollars..	3,223,121	25,732	8,605	19,531	9,803	10,159	52,313	2,584	12,004	9,802
5	Number of dairy cows.....	51,192	553	201	422	157	188	1,103	54	247	186
Horses:											
6	Total number.....	234,629	3,206	495	1,035	998	650	2,461	194	996	882
7	Value.....dollars..	28,833,742	365,496	52,895	110,194	120,622	71,011	288,343	18,305	116,925	100,925
8	Number of mature horses.....	230,834	3,142	485	978	990	561	2,398	193	985	870
Mules and asses and burros:											
9	Total number.....	11,250	96	332	83	5	13	50	19	25	59
10	Value.....dollars..	1,617,952	15,305	69,760	11,971	575	1,555	7,010	1,985	3,150	7,197
11	Number of mature mules.....	10,438	85	323	53	3	11	43	15	24	57
Swine:											
12	Total number.....	70,973	691	127	466	21	269	670	168	274	175
13	Value.....dollars..	914,690	5,430	632	4,198	295	2,403	6,357	1,180	2,521	1,357
Sheep and goats:											
14	Total number.....	32,969	29	9	14	16	69	33	24	10	3
15	Value.....dollars..	201,561	72	18	71	61	232	170	66	79	9

		Cham-paign.	Christian.	Clark.	Clay.	Clinton.	Coles.	Cook.	Crawford.	Cumber-land.	Dekalb.
1	Incllosures reporting domestic animals...	2,001	1,543	682	493	753	1,208	23,019	981	528	1,355
2	Value of domestic animals.....dollars..	421,440	314,764	149,359	100,969	135,582	240,760	11,184,481	190,350	84,059	332,603
Cattle:											
3	Total number.....	916	974	400	411	382	633	10,526	467	331	456
4	Value.....dollars..	38,936	38,849	16,945	14,735	12,784	30,322	485,379	20,221	13,238	17,495
5	Number of dairy cows.....	760	707	314	312	303	559	3,296	374	270	338
Horses:											
6	Total number.....	2,954	2,218	1,053	714	1,080	1,605	74,349	1,572	618	2,105
7	Value.....dollars..	363,953	251,875	125,757	74,454	111,803	202,995	9,999,051	165,070	65,784	308,559
8	Number of mature horses.....	2,894	2,163	1,032	690	1,060	1,615	74,228	1,556	589	2,082
Mules and asses and burros:											
9	Total number.....	94	123	22	45	77	27	1,239	20	22	25
10	Value.....dollars..	12,825	15,690	3,490	7,850	8,675	4,320	183,189	2,740	2,760	3,150
11	Number of mature mules.....	86	112	13	26	53	25	1,104	15	17	25
Swine:											
12	Total number.....	553	1,013	243	443	320	318	20,366	251	221	231
13	Value.....dollars..	5,661	8,521	1,755	3,625	2,294	3,063	426,714	2,054	2,175	3,149
Sheep and goats:											
14	Total number.....	4	7	217	56	10	14	16,021	55	21	39
15	Value.....dollars..	15	29	1,412	305	26	60	90,148	265	102	250

		Dewitt.	Douglas.	Dupage.	Edgar.	Edwards.	Effingham.	Fayette.	Ford.	Franklin.	Fulton.
1	Incllosures reporting domestic animals...	771	743	1,333	1,196	356	585	657	659	953	2,047
2	Value of domestic animals.....dollars..	202,956	192,618	279,226	238,225	59,876	97,354	160,947	149,071	161,569	403,497
Cattle:											
3	Total number.....	562	463	636	777	201	519	601	375	827	948
4	Value.....dollars..	23,465	20,000	25,999	33,063	7,277	18,746	19,364	14,145	31,836	39,021
5	Number of dairy cows.....	420	365	527	610	162	391	415	271	667	770
Horses:											
6	Total number.....	1,176	1,151	2,037	1,667	463	802	990	1,007	1,016	2,961
7	Value.....dollars..	173,654	160,405	247,831	195,812	48,305	69,776	125,558	131,236	102,368	335,354
8	Number of mature horses.....	1,146	1,127	2,019	1,625	445	779	943	967	981	2,889
Mules and asses and burros:											
9	Total number.....	10	50	28	27	12	45	71	26	150	125
10	Value.....dollars..	1,860	9,875	4,580	3,940	1,465	5,715	12,140	2,600	23,565	15,085
11	Number of mature mules.....	13	48	25	24	11	31	56	21	132	115
Swine:											
12	Total number.....	348	260	81	610	373	357	447	155	369	1,413
13	Value.....dollars..	3,673	2,326	680	5,301	2,621	3,064	3,872	1,423	3,457	13,996
Sheep and goats:											
14	Total number.....	54	3	22	25	26	15	8	20	80	17
15	Value.....dollars..	304	12	136	109	208	53	13	217	344	41

		Gallatin.	Greens.	Grundy.	Hamilton.	Hancock.	Hardin.	Henderson.	Henry.	Iroquois.	Jackson.
1	Incllosures reporting domestic animals...	501	857	945	341	1,531	91	369	1,490	1,450	1,215
2	Value of domestic animals.....dollars..	90,954	153,273	253,671	52,162	313,716	17,115	77,047	314,852	312,858	228,681
Cattle:											
3	Total number.....	412	548	799	334	891	70	344	837	1,179	889
4	Value.....dollars..	13,263	19,852	30,114	11,965	37,862	2,526	13,501	32,349	45,011	29,448
5	Number of dairy cows.....	312	400	559	268	696	58	267	648	853	725
Horses:											
6	Total number.....	627	1,234	1,061	367	2,169	99	592	2,479	2,128	1,575
7	Value.....dollars..	64,975	126,572	129,459	35,555	256,744	10,007	60,236	271,490	255,463	167,176
8	Number of mature horses.....	605	1,198	1,049	359	2,105	89	571	2,429	2,063	1,490
Mules and asses and burros:											
9	Total number.....	59	24	70	23	65	26	9	39	40	221
10	Value.....dollars..	7,790	3,195	7,810	2,760	10,260	3,799	840	5,422	5,393	25,480
11	Number of mature mules.....	55	23	67	16	59	26	7	37	37	195
Swine:											
12	Total number.....	770	504	227	159	969	99	312	614	585	797
13	Value.....dollars..	4,900	3,476	2,265	1,881	8,394	780	2,467	5,389	6,321	6,283
Sheep and goats:											
14	Total number.....	10	36	12,004	1	109	1	4	46	36	40
15	Value.....dollars..	26	178	84,023	1	456	3	3	202	170	195

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

	Jasper.	Jefferson.	Jersey.	Jo Daviess.	Johnson.	Kane.	Kankakee.	Kendall.	Knox.	La Salle.
1 Inclosures reporting domestic animals...	497	858	496	552	299	2,272	1,016	387	1,815	2,913
2 Value of domestic animals.....dollars..	107,199	134,629	88,671	155,380	79,152	518,053	207,138	73,664	406,024	691,012
Cattle:										
3 Total number.....	506	759	264	375	315	859	453	239	1,118	1,746
4 Value.....dollars..	18,531	27,952	9,101	14,474	10,723	39,678	16,993	8,511	47,513	63,905
5 Number of dairy cows.....	357	595	181	257	223	743	376	186	850	1,208
Horses:										
6 Total number.....	686	1,027	694	1,029	364	3,985	1,577	574	2,710	4,590
7 Value.....dollars..	80,820	99,247	75,535	122,851	41,187	467,469	184,254	62,580	332,990	576,735
8 Number of mature horses.....	661	983	678	1,016	348	3,956	1,536	535	2,657	4,473
Mules and asses and burros:										
9 Total number.....	27	37	5	115	141	68	35	11	133	283
10 Value.....dollars..	4,180	4,022	1,145	17,000	24,595	8,732	4,269	1,550	17,150	39,455
11 Number of mature mules.....	23	28	3	113	136	67	32	10	135	273
Swine:										
12 Total number.....	387	360	327	79	308	141	137	84	698	1,038
13 Value.....dollars..	3,381	3,091	2,888	1,053	2,642	1,511	1,597	973	3,309	9,860
Sheep and goats:										
14 Total number.....	58	63	1	1	1	88	4	13	15	180
15 Value.....dollars..	287	317	2	2	5	663	35	70	62	1,067

	Lake.	Lawrence.	Lee.	Livingston.	Logan.	McDon- ough.	McHenry.	McLean.	Macon.	Macoupin.
1 Inclosures reporting domestic animals...	1,936	605	1,043	1,357	1,127	1,162	1,338	2,720	2,059	1,777
2 Value of domestic animals.....dollars..	557,413	186,458	202,585	333,460	238,807	270,740	286,594	583,256	406,467	292,489
Cattle:										
3 Total number.....	967	293	365	729	564	872	608	1,418	1,000	1,120
4 Value.....dollars..	35,667	11,701	14,610	29,520	26,601	35,593	38,195	62,649	41,073	45,552
5 Number of dairy cows.....	735	241	315	559	461	575	447	1,015	786	954
Horses:										
6 Total number.....	3,579	1,325	1,637	1,997	1,620	1,765	2,199	4,101	3,139	2,069
7 Value.....dollars..	486,229	165,135	180,820	288,293	195,109	218,619	244,306	460,231	338,269	224,324
8 Number of mature horses.....	3,532	1,304	1,605	1,955	1,589	1,713	2,166	4,028	3,080	2,011
Mules and asses and burros:										
9 Total number.....	194	62	37	83	100	39	20	170	145	84
10 Value.....dollars..	33,040	8,200	5,200	13,230	13,530	4,815	2,865	21,085	20,545	13,835
11 Number of mature mules.....	189	60	37	82	92	26	15	166	125	76
Swine:										
12 Total number.....	98	165	218	175	337	1,344	128	865	625	1,088
13 Value.....dollars..	748	1,316	1,897	1,945	3,438	11,601	1,188	7,893	6,053	8,580
Sheep and goats:										
14 Total number.....	225	24	17	69	27	43	9	149	20	44
15 Value.....dollars..	1,729	106	58	472	129	118	40	798	527	198

	Madison.	Marion.	Marshall.	Mason.	Massac.	Menard.	Mercer.	Monroe.	Montgom- ery.	Morgan.
1 Inclosures reporting domestic animals...	1,915	1,047	614	526	423	511	833	341	1,229	1,291
2 Value of domestic animals.....dollars..	471,756	186,667	140,039	111,793	87,577	122,411	176,645	70,896	239,703	286,436
Cattle:										
3 Total number.....	1,070	743	426	281	291	447	577	189	792	635
4 Value.....dollars..	40,771	25,264	16,373	11,343	10,524	16,848	22,342	4,910	31,626	30,933
5 Number of dairy cows.....	852	554	280	213	197	291	405	158	649	517
Horses:										
6 Total number.....	3,074	1,470	858	902	483	830	1,234	517	1,681	1,989
7 Value.....dollars..	376,653	146,657	117,693	95,774	54,630	97,785	146,512	49,830	165,733	243,354
8 Number of mature horses.....	3,045	1,420	845	879	468	821	1,193	500	1,616	1,973
Mules and asses and burros:										
9 Total number.....	327	102	58	16	137	30	14	110	101	38
10 Value.....dollars..	48,901	11,973	4,078	1,810	19,160	3,210	2,400	14,930	14,950	5,405
11 Number of mature mules.....	316	87	57	13	131	29	12	96	76	30
Swine:										
12 Total number.....	723	296	188	332	353	435	531	214	751	780
13 Value.....dollars..	5,321	2,678	1,743	2,862	2,836	4,360	5,269	1,190	7,222	5,853
Sheep and goats:										
14 Total number.....	26	26	27	2	85	37	23	12	35	165
15 Value.....dollars..	110	95	152	4	427	218	122	30	172	846

	Moultrie.	Ogle.	Peoria.	Perry.	Platt.	Pike.	Pope.	Pulaski.	Putnam.	Randolph.
1 Inclosures reporting domestic animals...	564	1,284	2,536	737	711	1,292	119	310	150	1,009
2 Value of domestic animals.....dollars..	174,678	278,485	545,941	119,187	158,662	258,923	23,905	49,002	43,146	193,911
Cattle:										
3 Total number.....	372	832	1,012	637	431	1,014	88	246	144	892
4 Value.....dollars..	18,320	30,093	40,728	23,336	18,808	37,785	2,634	7,797	5,906	24,089
5 Number of dairy cows.....	318	531	752	472	353	666	59	181	95	622
Horses:										
6 Total number.....	895	2,058	4,022	837	1,028	1,809	159	329	211	1,366
7 Value.....dollars..	148,732	288,782	478,746	84,908	129,212	200,075	17,695	33,817	20,510	132,133
8 Number of mature horses.....	869	2,022	3,961	801	993	1,728	152	310	206	1,307
Mules and asses and burros:										
9 Total number.....	24	17	130	63	41	67	12	50	157	186
10 Value.....dollars..	4,305	2,035	16,833	9,185	5,365	8,835	2,775	5,430	15,750	30,281
11 Number of mature mules.....	21	16	116	48	36	46	6	48	157	166
Swine:										
12 Total number.....	344	481	819	187	335	1,361	113	312	124	1,013
13 Value.....dollars..	3,163	6,310	8,203	1,661	3,248	12,206	796	2,039	975	6,706
Sheep and goats:										
14 Total number.....	34	274	104	20	5	8	1	4	1	125
15 Value.....dollars..	158	1,265	431	97	29	22	5	9	5	702

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

	Richland.	Rock Island.	St. Clair.	Saline.	Sangamon.	Schuyler.	Scott.	Shelby.
1 Inclosures reporting domestic animals.....	429	1,556	2,703	1,227	2,857	508	296	1,164
2 Value of domestic animals.....dollars..	79,186	437,074	1,010,937	208,512	698,285	111,865	58,853	208,602
Cattle:								
3 Total number.....	266	745	1,654	890	1,175	336	146	763
4 Value.....dollars..	11,223	27,097	71,395	33,767	50,716	13,307	5,476	32,005
5 Number of dairy cows.....	227	563	866	713	939	256	111	585
Horses:								
6 Total number.....	571	2,916	4,951	1,379	4,742	737	437	1,732
7 Value.....dollars..	64,540	397,166	552,727	141,450	594,471	88,754	49,745	214,944
8 Number of mature horses.....	564	2,891	4,917	1,321	4,686	692	434	1,727
Mules and asses and burros:								
9 Total number.....	10	72	1,987	216	352	16	11	74
10 Value.....dollars..	1,310	10,770	296,877	27,390	44,955	2,605	1,700	13,545
11 Number of mature mules.....	7	65	1,943	190	343	13	9	50
Swine:								
12 Total number.....	219	151	5,379	767	823	672	301	978
13 Value.....dollars..	2,111	1,370	82,943	5,841	7,998	7,044	1,932	8,048
Sheep and goats:								
14 Total number.....	1	13	1,026	31	42	57		12
15 Value.....dollars..	2	71	6,995	64	145	155		60

	Stark.	Stephenson.	Tazewell.	Union.	Vermilion.	Wabash.	Warren.	Washington.
1 Inclosures reporting domestic animals.....	503	1,211	1,167	559	2,077	341	1,049	636
2 Value of domestic animals.....dollars..	137,708	247,228	559,663	97,067	594,364	68,606	210,990	96,027
Cattle:								
3 Total number.....	338	539	4,409	386	2,004	194	471	540
4 Value.....dollars..	15,814	18,846	285,032	12,398	82,981	7,268	19,933	17,939
5 Number of dairy cows.....	253	385	519	282	1,521	151	340	413
Horses:								
6 Total number.....	813	1,922	1,870	623	4,230	532	1,573	765
7 Value.....dollars..	116,863	216,961	242,938	73,004	451,507	53,400	181,948	69,992
8 Number of mature horses.....	772	1,897	1,807	604	4,129	521	1,527	732
Mules and asses and burros:								
9 Total number.....	8	50	167	69	290	47	23	41
10 Value.....dollars..	1,025	6,460	25,455	9,286	40,135	6,110	3,340	4,803
11 Number of mature mules.....	7	43	163	67	288	44	20	30
Swine:								
12 Total number.....	325	482	579	321	1,126	203	537	452
13 Value.....dollars..	3,934	4,392	5,775	2,342	10,701	1,803	5,654	3,180
Sheep and goats:								
14 Total number.....	18	84	104	9	12	9	8	19
15 Value.....dollars..	72	569	463	37	40	25	115	53

	Wayne.	White.	Whiteside.	Will.	Williamson.	Winnebago.	Woodford.
1 Inclosures reporting domestic animals.....	483	843	1,528	2,217	1,702	1,702	871
2 Value of domestic animals.....dollars..	96,911	130,327	203,939	457,775	341,246	402,229	173,122
Cattle:							
3 Total number.....	370	645	647	1,027	1,450	424	537
4 Value.....dollars..	13,536	23,584	24,090	35,729	53,630	16,774	22,861
5 Number of dairy cows.....	298	536	521	769	1,153	340	402
Horses:							
6 Total number.....	650	927	2,303	3,461	1,928	3,024	1,219
7 Value.....dollars..	72,160	94,261	259,526	415,267	208,331	373,704	142,822
8 Number of mature horses.....	636	877	2,278	3,424	1,854	3,003	1,192
Mules and asses and burros:							
9 Total number.....	48	60	58	48	508	70	42
10 Value.....dollars..	6,950	5,095	7,075	4,270	72,475	8,885	4,381
11 Number of mature mules.....	34	50	56	47	471	69	41
Swine:							
12 Total number.....	382	985	260	213	718	242	281
13 Value.....dollars..	4,234	7,150	3,195	2,367	6,405	2,828	2,910
Sheep and goats:							
14 Total number.....	12	70	11	24	80	7	40
15 Value.....dollars..	41	237	53	142	355	38	148

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

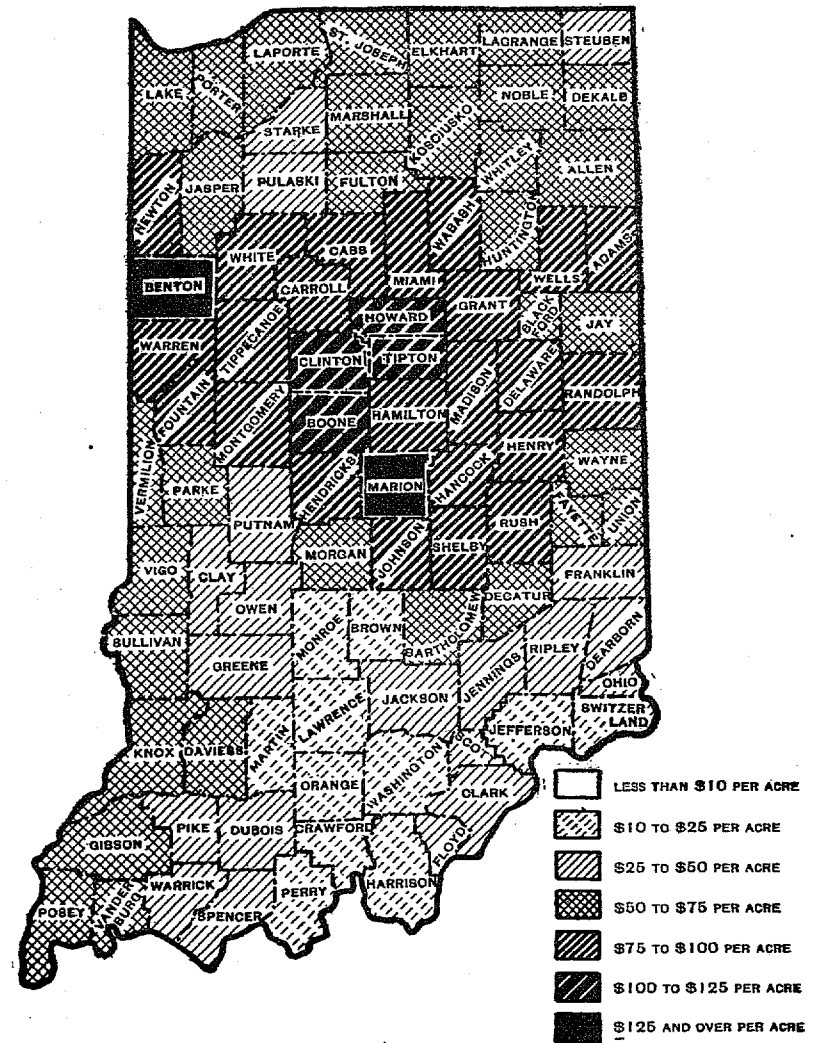
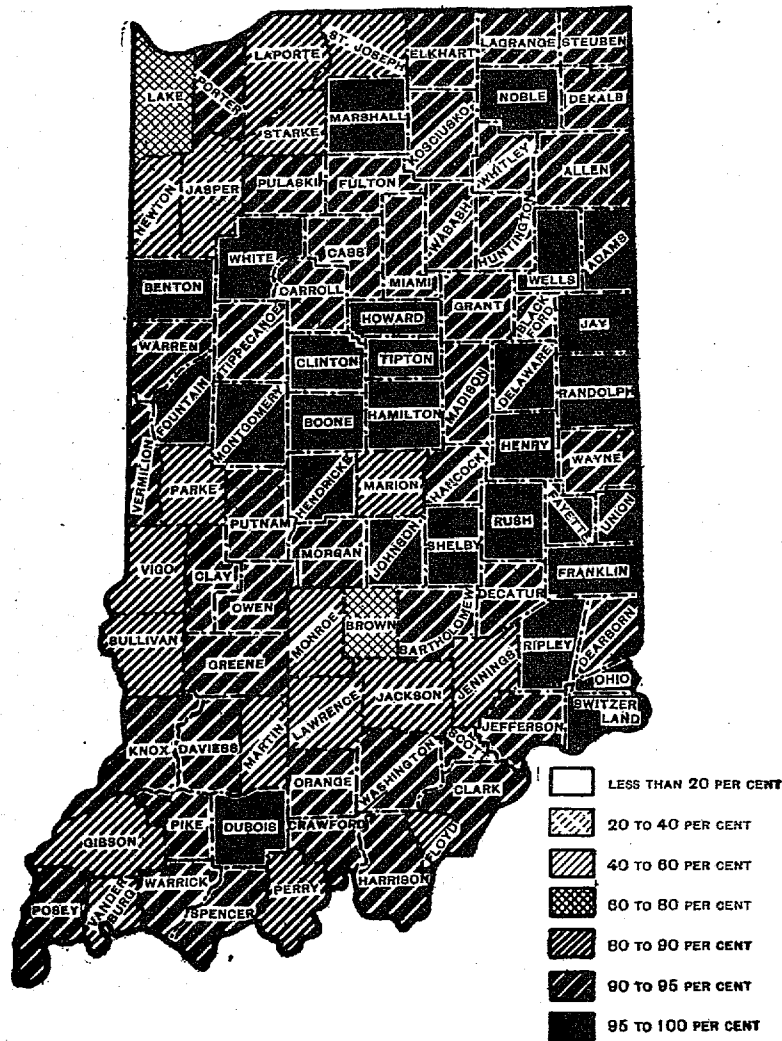
PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 92.3.]

AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$62.36.]

(400)



INDIANA.

FARMS AND FARM PROPERTY.

Indiana ranks thirty-seventh in area and ninth in population among the states and territories of continental United States. It has passed out of the class of states that are adding materially to their total farm acreages, having in fact less land in farms in 1910 than it had in 1900. The state of Indiana lies within the eastern portion of the low plateau which constitutes the northern section of the Mississippi Basin. The mean elevation of the state is estimated at 700 feet above sea level. The highest lands are above 1,000 feet and are found along the Ohio line in east central Indiana and near the Michigan line in extreme north-eastern Indiana. Through the central portion of the state the surface attains elevations of 700 and 800 feet. The area in which the altitude is from 500 to 1,000 feet constitutes four-fifths of the entire state. The lowest elevations within the state are found in the western and southwestern counties along the Wabash River, where the land surface rises in general to an altitude of less than 500 feet above the sea level.

The lake beds are marked by a nearly flat surface, interspersed only by low morainal ridges. The southern two-fifths of the state consists of an unglaciated extension of the Appalachian Plateau, which to a large extent is covered by a thin deposit of loess. There are, however, many areas distributed through this section within which the soils have been derived through the weathering of the underlying rock. All of the larger streams within the state are bordered by low alluvial bottoms and by river terraces formed at higher levels during the recession of the glacial ice.

The northern three-fifths of the state consists of an elevated, rolling plateau which has been heavily glaciated, and whose soils are derived chiefly from the glacial till. In the northwestern portion of the state there are also extensive deposits of soil-forming material which were laid down in glacial lakes having their outlets to the westward. The glaciated plateau region is marked by low ridges constituting the glacial moraines, and by undulating to rolling intermoraine areas.

The soils of the glaciated region of central and northern Indiana consist chiefly of yellow, brown, or gray loams and clay loams. The undulating to rolling character of the surface gives rise to excellent drainage through numerous stream channels, although the more level areas may frequently be improved by artificial drainage. All of the soils of this glacial upland are well suited to the production of the staple crops of the region, particularly to corn, oats, winter wheat, and the grasses. The soils of the glacial lake

region in northwest Indiana are prevalently dark colored, somewhat mucky loams and sandy loams, with extensive areas of peat and muck. In their primitive condition these areas were chiefly timbered. Where artificial drainage has been installed the soils of this section constitute fertile land for the production of the staple crops, and for cabbages, onions, and celery. The nonglaciated region of the southern two-fifths of the state is extensively covered by a thin deposit of yellow silty material known as the loess, which gives rise to the most widespread and important soils of this region. These silty soils are better suited to the production of winter wheat, of oats, and grass than to corn growing. Tobacco is chiefly grown upon the silty soils derived from the loess in the southwestern part of the state and upon the river terraces and the glaciated upland soils along the Ohio boundary.

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 total land area, 92.3 per cent, or over nine-tenths, is in farms. In two counties only does the percentage in farms fall below 80. The central portion of the state is largely made up of counties having over 95 per cent of their areas in farms. Almost all the counties having less than nine-tenths of their land in farms are in the southwestern third and the northwest corner of the state.

The average value of the farm land per acre for the whole state is \$62.36. In a group of four counties, just north of the center of the state, the average value of farm land is from \$100 to \$125 per acre. Clustered about the latter counties is a larger group in which the average value is between \$75 and \$100 per acre. In two counties on the outer edge of this area the average rises above \$125 per acre. In most of the counties in the two northern tiers, and also in the greater number of counties in the western tier, the average value is between \$50 and \$75 per acre. Almost all the counties in which the average value is between \$10 and \$25 per acre are in the south central part of the state.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there was an increase of over 184,000, or 7.3 per cent, in the population of the state, but there was a decrease of 6,412, or 2.9 per cent, in the number of farms, and a decrease of 319,800 acres, or 1.5 per cent, in the acreage of farm land. Since the relative decrease in number of farms was greater than that in farm land, the average size of farms increased, the increase amounting to 1.4 acres.

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

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	2,700,876	2,516,462	184,414	7.3
Number of all farms.....	215,485	221,897	-6,412	-2.9
Approximate land area of the state.....acres..	23,068,800	22,966,400	² 102,400	.....
Land in farms.....acres..	21,299,823	21,619,623	-319,800	-1.5
Improved land in farms.....acres..	16,931,252	16,680,358	250,894	1.5
Average acres per farm.....	98.8	97.4	1.4	1.4
Value of farm property: Total.....	\$1,809,135,238	\$978,616,471	\$830,518,767	84.9
Land.....	1,328,196,545	687,633,460	640,563,085	93.2
Buildings.....	266,079,051	154,101,880	111,977,171	72.7
Implements and machinery.....	40,999,541	27,330,370	13,669,171	50.0
Domestic animals, poultry, and bees.....	173,860,101	109,550,761	64,309,340	58.7
Average value of all property per farm.....	\$8,396	\$4,410	\$3,986	90.4
Average value of land per acre.....	\$62.36	\$31.81	\$30.55	96.0

¹ A minus sign (-) denotes decrease.

² Due to drainage of lakes and swamps.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased in aggregate value during the decade \$830,519,000, or 84.9 per cent. This great increase is made up of increases of \$640,563,000 in the value of land, \$111,977,000 in the value of buildings, and \$77,979,000 in the value of farm equipment, which includes implements and machinery and live stock. About five-sixths of the increase in the value of farm equipment, or \$64,309,000, represents a gain in the value of live stock and about one-sixth 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 about \$4,400, while 10 years later it was about \$8,400. The average value of land rose from \$31.81 per acre in 1900 to \$62.36 in 1910, or 96 per cent.

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

CENSUS YEAR.	Popu- lation.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- proved.
		Num- ber.	Per cent of in- crease ¹	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease ¹			
1910....	2,700,876	215,485	-2.9	21,299,823	-1.5	16,931,252	92.3	79.5
1900....	2,516,462	221,897	12.0	21,619,623	6.2	16,680,358	93.7	77.2
1890....	2,192,404	198,167	2.1	20,362,516	-0.3	15,107,482	88.3	74.2
1880....	1,978,301	194,013	20.5	20,420,983	12.7	13,933,738	88.5	68.2
1870....	1,680,637	161,289	22.3	18,119,648	10.6	10,104,279	78.5	55.8
1860....	1,350,428	131,826	40.4	16,388,292	28.1	8,242,183	71.0	50.3
1850....	983,416	93,896	.....	12,793,422	.....	5,046,543	55.5	39.4

¹ A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has almost trebled, increasing from 988,416 to 2,700,876.

There are 215,485 farms in Indiana. In the half century, 1850 to 1900, the number of farms reported increased each decade, from 93,896 in 1850 to 221,897 in 1900, an increase of 128,001. With the exception of the decade 1880 to 1890, when the increase was relatively small, the increase was rapid during the whole period, being more rapid and greater in the earlier decades. Since 1900 the number of farms has decreased by 6,412, or 2.9 per cent.

The land surface of Indiana is approximately 23,068,800 acres. Of this area, 21,299,823 acres, or 92.3 per cent, are included in farms. Of the farm acreage, 16,931,252 acres, or 79.5 per cent, are reported as improved land, representing 73.4 per cent of the total land area of the state. During the last decade the total acreage of farm land decreased 1.5 per cent. As the reported acreage of improved land increased slightly from 1900 to 1910, while the total acreage of farms decreased, the percentage of farm land improved was somewhat higher in 1910 than in 1900.

The table above also shows a rather rapid increase from 1850 to 1880 in the total farm acreage and in the acreage of improved land. The proportion of the total land area of the state which was occupied by farms rose during this period from 55.5 per cent to 88.5 per cent, while the proportion which improved land formed of the total land in farms increased from 39.4 per cent to 68.2 per cent. Between 1880 and 1910 the total acreage of farm land fluctuated, being smaller in 1890 than in 1880, reaching its maximum in 1900 and decreasing slightly during the last decade. The proportion which improved land formed of the total land in farms, however, continued to increase, though more slowly than during the previous 30 years; in 1880 it was 68.2 per cent and in 1910, 79.5 per cent.

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

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

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$1,809,135,238	84.9	\$1,594,275,509	89.4	\$40,999,541	50.0	\$173,860,101	58.7
1900.....	878,616,471	12.6	841,735,340	11.6	27,330,370	29.1	109,550,761	17.3
1890.....	869,322,787	19.6	754,789,110	18.8	21,172,255	3.4	93,361,422	31.4
1880.....	726,781,857	23.4	635,236,111	25.1	20,476,988	44.8	71,068,758	6.0
1870 ¹	589,006,050	44.0	507,843,351	42.4	14,141,273	35.2	67,021,428	60.1
1860.....	409,025,611	147.0	356,712,175	161.5	10,457,897	56.0	41,855,539	86.2
1850.....	165,568,172	.....	136,385,173	.....	6,704,444	.....	22,478,555	.....

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

The total wealth of the state in the form of farm property is \$1,809,135,000, of which 88.1 per cent is represented by land and buildings, 2.3 per cent by implements and machinery, and 9.6 per cent by live stock. The relative gain (84.9 per cent) in the total value of farm property from 1900 to 1910 was greater than that during any other decade since 1860, while the absolute gain (\$830,519,000) was more than three times as great as the largest increase reported for any other decade. Each census from 1860 to 1900 showed a smaller percentage of gain in total value of farm property than the preceding. Very decided fluctuations, however, appear in the decennial rates of increase for implements and machinery and for live stock.

Average acreage and values per farm: 1850 to 1910.—The changes which have taken place during the past 60 years in the average acreage of Indiana 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.....	98.8	\$8,396	\$7,399	\$190	\$807	\$74.85
1900.....	97.4	4,410	3,793	123	404	38.93
1890.....	102.8	4,887	3,809	107	471	37.07
1880.....	105.3	3,746	3,274	106	366	31.11
1870 ²	112.3	3,652	3,149	88	416	28.03
1860.....	124.3	3,103	2,706	79	318	21.77
1850.....	136.2	1,793	1,453	71	239	10.66

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

The average size of the Indiana farm decreased 37.4 acres from 1850 to 1910. The decrease was continuous from 1850 to 1900, but especially rapid from 1850 to 1870. During the last decade, however, there was an increase of 1.4 in the average acres per farm.

The average value of an Indiana farm, including its equipment, has grown during the last decade from \$4,410 to \$8,396. Of this amount, \$7,399 represents the value of land and buildings, \$807 that of live stock, and \$190 that of implements and machinery. The average value per farm of "all farm property"

increased one and one-half times as much in the last decade as during the preceding half century, and is now almost five times as great as in 1850. During the last decade the average value per acre of land and buildings has about doubled, an increase one and a quarter times as great as that of the preceding half century. The value per farm of farm equipment, which includes implements and machinery and live stock, is now more than three times as great as 60 years ago.

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

TENURE.	1910	1900	1890	1880
Number of all farms.....	215,485	221,897	198,167	194,013
Farms operated by owners and managers.....	150,798	159,449	147,885	147,963
Farms consisting of owned land only.....	115,424	124,628	(¹)	(¹)
Farms consisting of owned and hired land.....	33,077	31,599	(¹)	(¹)
Farms operated by managers.....	2,207	2,222	(¹)	(¹)
Farms operated by tenants.....	64,687	63,448	50,282	46,050
Share tenants.....	45,573	50,437	39,346	37,468
Share-cash tenants ²	4,896			
Cash tenants.....	10,636	12,961	10,936	8,582
Tenure not specified ³	3,582			
Per cent of farms operated by—				
Owners and managers.....	70.0	71.4	74.6	70.3
Tenants.....	30.0	28.6	25.4	29.7
Share and share-cash.....	23.4	22.8	19.9	19.3
Cash and nonspecified.....	6.6	5.8	5.5	4.4

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

It is significant that while there was a decrease of 6,412 in the total number of farms during the decade 1900 to 1910, the number operated by owners and managers decreased 7,651, while the number operated by tenants increased 1,239.

In 1880 about twenty-four farms out of every one hundred were operated by tenants. Since that time the proportion has slowly increased until now thirty farms out of every one hundred are so operated. Throughout the 30-year period both share (including share-cash) and cash tenancy (including nonspecified) have been gaining upon ownership, share being the predominant form of tenancy. In 1880 there were somewhat over four times as many share tenants as cash tenants; in 1910 only a little over three and one-half times as many. In the decade 1900 to 1910, there was a slight decrease (18) in the number of share tenants, and an increase of 1,257 in the number of cash tenants.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	21,299,823	21,619,623	16,931,252	16,680,356	\$1,594,275,596	\$841,735,340
Owners.....	13,938,925	15,098,563	10,943,297	11,572,761	993,140,921	571,583,180
Managers.....	483,409	490,210	343,151	324,833	37,817,116	22,346,310
Tenants.....	6,877,489	6,024,844	5,644,804	4,782,764	563,317,559	247,803,850

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.....	68.9	70.4	65.4	69.8	64.6	63.4	62.3	67.0
Managers.....	1.1	1.0	2.3	2.3	2.0	1.0	2.4	2.7
Tenants.....	30.0	28.6	32.3	27.9	33.3	28.7	35.3	29.4

It will be seen that, in 1910, 65.4 per cent of all land in farms was in farms operated by their owners (including part owners), 2.3 per cent in farms operated by managers, and 32.3 per cent in farms operated by tenants, the percentage for tenants being higher and that for owners lower than in 1900, while the percentage for managers remained the same.

As shown by the next table, the average size of farms operated by managers in 1910 (210.5 acres) was nearly twice as great as that of farms operated by tenants (106.3 acres), which was in turn somewhat larger than that of farms operated by owners (93.9 acres). The average size of farms operated by managers and by owners decreased between 1900 and 1910, while that of tenant farms increased. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for farms operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	98.8	97.4	78.6	75.2	79.5	77.2	\$7,399	\$5,793	\$74.85	\$38.93
Owners.....	93.9	96.6	73.7	74.1	78.5	76.6	6,088	3,659	71.25	37.86
Managers.....	210.5	223.3	149.4	140.2	71.0	65.5	16,464	10,056	78.22	45.03
Tenants.....	106.3	95.0	87.3	75.4	82.1	79.4	3,708	3,906	81.91	41.13

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

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

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	148,501	.....	156,827	.....	145,275	.....
Free from mortgage.....	89,847	61.2	97,202	63.5	97,106	66.9
Mortgaged.....	56,914	38.8	55,854	36.5	48,079	33.1
Unknown.....	1,740	.....	3,761	.....	.....	.....

¹ Includes all farms owned in whole or in part by the operator.
² The 2,201 "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 148,501. Of this number, 89,847 were reported as free from mortgage, 56,914 were reported as mortgaged, and for 1,740 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 38.8 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is only slightly greater than that in 1900, which in turn was slightly greater than that 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 between 1890 and 1900 mortgaged farms increased considerably, and between 1900 and 1910 farms free from mortgage decreased considerably.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 56,914 farms reported as mortgaged, 41,621 are wholly owned by the farmers, and for 40,108 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included under 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of 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.

The average debt of mortgaged farms has increased in 20 years from \$972 to \$1,433, or 47.4 per cent, while the average value of such farms has risen from \$3,209 to \$6,282, or almost doubled, so that the owner's equity increased on the average from \$2,237 to \$4,849,

or more than doubled. As a result of the greater relative increase in farm values than in farm debt, the mortgage indebtedness, which represented 30.3 per cent of the value of the farm in 1890, had decreased to 22.8 per cent of this value in 1910.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	40,108	48,079		
Value—Land and buildings.....	\$261,061,241	\$154,285,755		
Amount of mortgage debt.....	\$57,486,582	\$46,751,153		
Per cent of debt to value.....	22.8	30.3		
Average value per farm.....	\$6,282	\$3,209	\$3,073	95.8
Average debt per farm.....	\$1,433	\$972	\$461	47.4
Average equity per farm.....	\$4,849	\$2,237	\$2,612	116.8

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

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	215,485	221,897	-6,412	-2.9	100.0	100.0
Under 3 acres.....	441	1,796	-1,355	-75.4	0.2	0.8
3 to 9 acres.....	11,608	8,640	2,868	33.2	5.3	3.9
10 to 19 acres.....	11,695	11,540	155	1.3	5.4	5.2
20 to 49 acres.....	40,161	47,009	-6,848	-14.6	18.6	21.2
50 to 99 acres.....	67,221	71,055	-3,834	-5.4	31.2	32.0
100 to 174 acres.....	57,261	55,060	2,201	4.0	26.6	24.8
175 to 259 acres.....	18,081	17,398	683	3.9	8.4	7.8
260 to 499 acres.....	8,026	8,081	-55	-0.7	3.7	3.6
500 to 999 acres.....	949	1,094	-145	-13.3	0.4	0.5
1,000 acres and over.....	142	224	-82	-36.6	0.1	0.1

¹ A minus sign (-) denotes decrease.

Almost one-third of all the farms in the state are between 50 and 99 acres in size. Together with the farms between 20 and 49 acres and between 100 and 174 acres they constitute 76.4 per cent of the total number. These limits include the common 40, 80, and 160 acre farms. A study of the distribution of farms by size groups discloses the fact that the greatest absolute and relative gains from 1900 to 1910 were made in the "3 to 9 acres" group. The number of places "under 3 acres" reported as farms is less than one-quarter 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. A decrease is shown for each group of farms falling between 20 and 99 acres in size, the aggregate decrease for these two classes being 10,682, or 9 per cent. The number of farms exceeding 260 acres has decreased—those of 260 to 499 acres slightly (0.7 per cent), and those which exceed 500 acres by 227, or 17.2 per cent. On the other hand, farms between 100 and 259 acres increased in number, and constituted an appreciably larger proportion of all farms in 1910 than in 1900.

The next table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group

the farms of less than 20 acres (numbering in all 23,644), and also the farms of between 175 and 499 acres (numbering 26,107).

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	21,299,823	21,619,623	16,931,252	16,680,358	\$1,594,275,596	\$641,735,340
Under 20 acres.....	221,450	218,458	195,615	195,448	43,197,215	22,343,590
20 to 49 acres.....	1,384,816	1,650,252	1,165,565	1,373,718	111,641,907	68,670,410
50 to 99 acres.....	4,977,801	5,251,514	4,067,462	4,237,377	371,629,808	236,424,160
100 to 174 acres.....	7,488,481	7,200,079	5,936,191	5,592,598	549,502,724	278,876,850
175 to 499 acres.....	6,400,036	6,267,774	4,923,766	4,539,324	465,781,549	253,586,340
500 to 999 acres.....	591,015	691,425	418,564	458,950	40,161,960	24,521,110
1,000 acres and over.....	239,194	340,121	143,209	186,128	12,355,650	9,302,810

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

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	11.0	9.9	1.0	1.0	1.2	1.2	2.7	2.6
20 to 49 acres.....	18.6	21.2	6.5	7.6	6.8	8.2	7.0	8.2
50 to 99 acres.....	31.2	32.0	23.4	24.3	24.2	25.4	25.3	24.4
100 to 174 acres.....	26.6	24.8	36.1	33.3	35.4	31.5	34.5	32.8
175 to 499 acres.....	12.1	11.5	30.1	29.0	29.1	27.8	28.2	28.0
500 to 999 acres.....	0.4	0.5	2.8	3.2	2.5	2.6	2.5	2.9
1,000 acres and over.....	0.1	0.1	1.1	1.6	0.5	1.1	0.8	1.1

Of the total farm acreage of the state in 1910, 35.1 per cent was in farms of 100 to 174 acres and 30.1 per cent in farms of 175 to 499 acres, these two being from the standpoint of aggregate acreage the most important size groups. The proportion of the total acreage in the farms of these two groups increased between 1900 and 1910, while that in farms of all the other groups decreased, with the single exception of the farms of under 20 acres, the proportion in which 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.....	79.5	77.2	\$7,399	\$3,783	\$74.85	\$35.93
Under 20 acres.....	88.8	89.5	1,827	1,093	195.04	190.91
20 to 49 acres.....	83.4	83.2	2,780	1,461	80.62	41.61
50 to 99 acres.....	82.3	80.7	5,528	2,591	74.66	39.12
100 to 174 acres.....	80.1	77.7	9,596	5,019	73.41	38.32
175 to 499 acres.....	75.9	74.0	17,541	9,245	72.78	37.59
500 to 999 acres.....	70.8	66.4	42,319	22,698	67.95	35.91
1,000 acres and over.....	59.9	54.7	87,012	41,530	51.96	27.35

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

Approximately 19 out of 20 Indiana farmers were native whites, about 1 of the 20 being foreign-born white. Only 805, or 0.4 per cent of all farmers, were nonwhite, 785 being negroes and 20 Indians. Of the native whites, 30.7 per cent were tenants, as compared with 15.3 per cent among foreign-born whites, and 39.5 per cent among the nonwhite farmers.

Of the total of 9,729 foreign-born white farmers in Indiana in 1910, 5,863 were born in Germany; 642 in Sweden; 550 in England; 547 in Ireland; 457 in Switzer-

land; 369 in Holland; 216 in Austria; 201 in Canada; and 166 in France. Other European countries were represented by a total of 696 farmers, and non-European countries, other than Canada, by 22.

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	215,485	100.0	148,501	64,687	2,297	68.9	30.0	1.1
Native white.....	204,951	95.1	139,869	62,878	2,204	68.2	30.7	1.1
Foreign-born white.....	9,729	4.5	8,100	1,491	78	83.9	15.3	0.8
Negro and other nonwhite.....	805	0.4	472	318	15	58.0	39.5	1.9

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 bulletin, 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 data of enumeration will be discussed.

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

Of the total number of farms enumerated, 207,806, or 96.4 per cent, report domestic animals of some kind, the number without any domestic animals being only 7,679.

Of all the farms in the state, 90 per cent report cattle, 89 per cent "dairy cows," and only 19.3 per cent "other cows." Only one farm in every hundred has cattle without having dairy cows. The farms reporting "dairy cows" and those reporting "other cows" show in each case an average of over three per farm. The total number of cows increased somewhat during the decade. The average value of dairy cows increased from \$31.84 to \$37.72, while that of other cows decreased from \$31.34 to \$27.82.

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 428,000 to 184,000, and the average value from \$9.81 to \$8.28.

Horses are reported by 90.6 per cent of all the farms in the state, but only 23.5 per cent report colts born in 1909, and 10.8 per cent report spring colts. The average value of mature horses is \$114.04.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	207,806	96.4	.....	\$165,867,178	.....
Cattle	193,876	90.0	1,363,016	39,110,492	\$28.69
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	191,828	89.0	633,591	23,898,428	37.72
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	41,581	19.3	133,709	3,720,123	27.82
Heifers born in 1909.....	83,898	38.9	180,846	3,119,858	17.28
Calves born after Jan. 1, 1910.....	91,599	42.0	184,153	1,525,445	8.28
Steers and bulls born in 1909.....	42,702	19.8	114,072	2,343,344	20.54
Steers and bulls born before Jan. 1, 1909.....	23,684	11.0	116,946	4,503,294	38.51
Horses	195,268	90.6	813,644	87,118,468	107.07
Mares, stallions, and geldings born before Jan. 1, 1909.....	194,430	90.2	714,091	81,433,050	114.04
Colts born in 1909.....	50,785	23.5	71,863	4,714,861	65.61
Colts born after Jan. 1, 1910.....	23,178	10.8	27,690	970,557	35.05
Mules	33,225	15.4	82,168	9,678,614	117.78
Mules born before Jan. 1, 1909.....	28,221	13.1	69,493	8,849,572	127.34
Mule colts born in 1909.....	5,361	2.5	9,388	694,621	73.69
Mule colts born after Jan. 1, 1910.....	2,895	1.3	3,287	133,821	40.71
Asses and burros	834	0.4	1,646	291,217	176.92
Swine	159,137	73.8	3,613,906	23,739,586	6.57
Hogs and pigs born before Jan. 1, 1910.....	154,370	71.6	1,906,258	20,433,328	10.72
Pigs born after Jan. 1, 1910.....	96,862	44.9	1,707,648	3,306,258	1.94
Sheep	38,191	17.7	1,336,967	5,908,496	4.42
Ewes born before Jan. 1, 1910.....	37,403	17.4	742,576	4,400,050	5.93
Rams and wethers born before Jan. 1, 1910.....	17,100	7.9	69,851	435,658	6.24
Lambs born after Jan. 1, 1910.....	33,626	15.6	524,540	1,072,788	2.05
Goats	1,723	0.8	7,290	20,995	2.87

About one farm out of every six reports mules and mule colts. The average values of mules of the different ages are considerably higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 38,191 farms, or 17.7 per cent of all the farms in the state. Of these 38,191 farms 88 per cent report spring lambs, the number of the latter being equal to 70.6 per cent of the number of ewes. Ewes are reported from all but 788 of the farms reporting sheep, and for the farms reporting the average is nearly 20 ewes per farm. The farms reporting rams and wethers show an average of over 4 per farm.

Of all farms, 73.8 per cent report swine, the average number being over 22 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$10.72, while that of spring pigs is less than one-fifth of that amount.

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	
	Number.	Per cent of all farms.			
Total	202,362	93.9	13,789,109	\$7,762,015	11,949,821
Chickens.....	202,317	93.9	13,216,024	7,168,901	11,103,066
Turkeys.....	48,180	22.4	202,977	378,922	845,379
Ducks.....	19,427	9.0	121,306	67,537	230,432
Geese.....	21,734	10.1	139,081	113,753	271,004
Guinea fowls.....	9,984	4.6	57,433	16,751	(1)
Pigeons.....	2,765	1.3	51,929	15,400	(2)
Peafowls.....	41	(3)	231	431	(2)
Pheasants.....	4	(3)	123	260	(2)

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

The increase in the number of fowls on Indiana farms during the last 10 years amounts to 15.4 per cent, while their value increased from \$4,222,000 to \$7,762,000, or 83.8 per cent. This increase in number represents a gain in chickens more than sufficient to offset a decrease which occurred in turkeys, ducks, and geese. The number of farms reporting poultry decreased from 208,652 to 202,362; the average number of fowls per farm reporting increased from 57 to 68. 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 decreased from 28,632 in 1900 to 19,487

in 1910, or 31.9 per cent. The number of colonies of bees decreased from 117,148 to 80,938, or 30.9 per cent, and their value decreased from \$278,864 to \$230,478, or 17.4 per cent. The average value of bees per farm reporting was \$9.74 in 1900 and \$11.83 in 1910. About one farm in every ten reports bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total	80,541		\$16,697,433	
All cattle.....	28,167	54,157	2,144,226	\$39.59
Dairy cows.....	27,308	34,421	1,499,291	43.56
Horses.....	66,437	120,632	13,445,162	111.46
Mules.....	2,029	5,710	709,362	124.23
Asses and burros.....	151	243	53,466	220.02
Swine.....	7,452	36,549	316,136	8.65
Sheep.....	290	5,633	25,647	4.55
Goats.....	607	922	3,434	3.72

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 consist 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		\$182,564,611		\$165,867,178		\$16,697,433
All cattle.....	1,417,173	41,254,718	1,363,016	39,110,492	54,157	2,144,226
Dairy cows.....	668,012	25,397,719	633,591	23,898,423	34,421	1,499,291
Horses.....	934,276	100,563,630	813,644	87,118,465	120,632	13,445,162
Mules.....	87,875	10,387,376	82,168	9,678,014	5,710	709,362
Asses and burros.....	1,589	344,683	1,646	291,217	243	53,466
Swine.....	3,650,455	24,055,722	3,613,906	23,739,586	36,549	316,136
Sheep.....	1,342,600	5,934,143	1,336,967	5,908,496	5,633	25,647
Goats.....	8,212	24,339	7,290	20,905	922	3,434

The total value of all domestic animals in the state in 1910 was \$182,565,000, of which the value of animals not on farms constituted 9.1 per cent.

LIVE STOCK PRODUCTS.

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

fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

Dairy products: 1909 and 1899.—The number of farms reporting dairy cows on April 15, 1910, was 191,828, but only 177,193 of these 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 168,667 (somewhat less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 569,000. The amount of milk reported was 194,737,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 342 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold, and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$16,666,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About one-sixth of the milk produced in Indiana in 1909 was sold as such. A comparatively large quantity of milk and cream was sold on the butter fat basis. The butter made on farms in 1909 was valued at \$9,403,000.

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

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	191,828	89.0	633,591	Head.	.....	.....
On farms reporting dairy products in 1909.....	177,193	82.2	600,543	Head.	.....	.....
On farms reporting milk produced in 1909.....	168,667	78.3	569,115	Head.	.....	.....
Specified dairy products, 1909:						
Milk reported.....			194,736,962	Gals.	.....	.....
Butter made.....	158,508	73.6	43,181,817	Lbs.	\$9,402,994	\$0.22
Cheese made.....	201	0.1	63,619	Lbs.	7,800	0.12
Milk sold.....	15,295	7.1	32,502,414	Gals.	4,717,136	0.14
Cream sold.....	6,847	3.2	1,347,660	Gals.	920,369	0.68
Butter fat sold.....	13,711	6.4	6,361,831	Lbs.	1,618,076	0.25
Butter sold.....	114,428	53.1	24,715,804	Lbs.	5,508,498	0.22
Cheese sold.....	126	0.1	39,858	Lbs.	4,932	0.12
Total receipts from sales, 1909.....					12,768,710	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					16,666,374	
Specified dairy products, 1899:						
Butter made.....	178,589	80.5	51,042,396	Lbs.	.....	.....
Cheese made.....	565	0.3	178,733	Lbs.	.....	.....
Butter sold.....			27,696,771	Lbs.	4,008,348	0.15
Cheese sold.....			132,623	Lbs.	11,681	0.09

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for

farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a material decrease between 1899 and 1909 in the amount of butter made, and a still greater relative decrease in the production of cheese.

Wool: 1909 and 1899.—The table below gives statistics as to the production of wool on farms, the figures being partly based on estimates: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.....	37,570	812,427	.....	.....	.....
Wool produced, as reported, 1909.....	28,610	.....	652,484	4,436,330	\$1,263,126
On farms reporting sheep April 15, 1910.....	25,866	608,129	587,174	4,012,174	1,147,438
On other farms.....	2,744	.....	65,310	424,156	115,688
Total production of wool (partly estimated):					
1909.....			784,432	5,360,044	1,532,914
1899.....			1,052,753	6,891,001	1,491,743
Increase, 1899 to 1909 ¹			-268,321	-1,531,557	41,171
Per cent of increase ¹			-25.5	-22.2	2.8

¹ A minus sign (-) denotes decrease.

The total number of sheep of shearing age in Indiana on April 15, 1910, was 812,000, representing a decrease of 19.6 per cent as compared with the number on June 1, 1900 (1,011,000). The approximate production of wool during 1909 was 784,000 fleeces, weighing 5,360,000 pounds, and valued at \$1,533,000. Of these totals about one-sixth represents estimates. The number of fleeces produced in 1909 was 25.5 per cent less than in 1899. The average weight per fleece in 1909 was 6.8 pounds, as compared with 6.5 pounds in 1899, and the average value per pound was 29 cents, as compared with 22 cents in 1899.

Goat hair and mohair: 1909 and 1899.—Although 1,723 farmers reported 7,290 goats and kids on their farms April 15, 1910, only 119 reported the production of goat hair or mohair during 1909. These farmers reported 1,421 fleeces, weighing 4,472 pounds and valued at \$1,194. 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.

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 11,704 farmers who reported the possession of 204,298 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.

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

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910...	202,362	13,789,109		
On farms reporting eggs produced in 1909.....	186,609	13,131,009		
On other farms.....	15,753	658,100		
Eggs produced, as reported, 1909.	187,523		Dozens. 76,734,210	\$14,526,977
Total production of eggs (partly estimated):				
1909.....			80,755,437	15,287,205
1899.....			70,782,200	7,441,944
Increase, 1899 to 1909.....			9,973,237	7,845,261
Per cent of increase.....			14.1	105.4
Eggs sold, as reported, 1909.....	173,255		53,899,416	10,213,390
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	185,558	13,088,348		
On other farms.....	16,804	700,761		
Poultry raised, as reported, 1909.	187,058		No. of fowls. 21,895,510	10,181,036
Total poultry raised (partly estimated):				
1909.....			23,067,814	10,726,137
1899.....				8,172,993
Increase, 1899 to 1909.....				2,553,144
Per cent of increase.....				31.2
Fowls sold, as reported, 1909.....	145,852		8,127,981	4,323,074

The total number of fowls on Indiana farms on April 15, 1910, was 13,789,000. Of the 202,362 farms reporting fowls, 15,753 did not report any eggs produced in 1909, and 16,804 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 76,734,000 dozens, valued at \$14,526,000. According to the Twelfth Census reports, the production of eggs in 1899 was 70,782,000 dozens, the value being \$7,442,000. 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 80,755,000 dozens, valued at \$15,287,000. The production of poultry in 1909, including estimates made on the same basis as for eggs, was 23,068,000 fowls, valued at \$10,726,000.

Honey and wax: 1909.—Although, as noted elsewhere, 19,487 farms reported 80,938 colonies of bees on hand April 15, 1910, 11,754 of these farms, with 36,858 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 687,097 pounds of honey, valued at \$102,489, and 15,115 pounds of wax,

valued at \$3,226; 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 Indiana farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$81,437,250	
Slaughtered.....				11,458,582	
Calves:					
Sold.....	83,363	38.7	251,470	2,253,443	\$8.96
Slaughtered.....	5,474	2.5	21,731	196,431	9.13
Other cattle:					
Sold.....	82,019	38.1	463,825	18,225,798	39.29
Slaughtered.....	14,877	6.9	27,122	727,188	26.81
Horses:					
Sold.....	46,245	21.5	110,115	15,382,998	139.70
Mules:					
Sold.....	9,610	4.5	32,577	4,404,552	135.20
Asses and burros:					
Sold.....	111	0.1	242	35,153	145.26
Swine:					
Sold.....	119,850	55.6	3,030,547	38,182,609	12.60
Slaughtered.....	152,287	70.7	646,581	16,513,304	16.26
Sheep:					
Sold.....	21,202	9.8	584,778	2,947,653	5.04
Slaughtered.....	951	0.4	3,714	19,425	5.23
Goats:					
Sold.....	283	0.1	1,685	5,044	2.99
Slaughtered.....	97	(¹)	187	533	2.85
1899—All domestic animals:					
Sold ²				40,565,661	
Slaughtered.....				8,017,595	

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 \$81,437,000, and that of animals slaughtered on farms \$11,459,000, making an aggregate of \$92,896,000. 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 swine sold during 1909 represented somewhat less than one-half of the total value of the animals sold, and the value of the cattle (including calves) sold represented about one-fourth 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 \$40,866,000 and \$8,017,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

Summary: 1909 and 1899.—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery prod-

ucts, 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.				Per cent of total.		
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		1909	1899	
			Amount.	Per cent.					Amount.	Per cent.			
All crops.....								\$204,209,812	\$122,502,274	\$81,707,538	66.7	100.0	100.0
Crops with acreage reports.....	11,331,395	11,134,728	196,669	1.8	66.9	66.8	193,395,392	111,736,411	81,658,981	73.1	94.7	91.2	81.2
Cereals.....	8,752,732	8,471,709	281,023	3.3	51.7	50.8	151,898,146	81,858,825	70,039,321	85.6	74.4	66.8	66.8
Other grains and seeds.....	15,300	3,714	11,586	312.0	0.1	(?)	172,876	55,204	117,612	212.8	0.1	(?)	(?)
Hay and forage.....	2,300,579	2,442,414	-141,835	-5.8	13.6	14.6	24,833,461	20,227,197	4,656,264	23.0	12.2	16.5	16.5
Tobacco.....	23,694	8,219	15,475	188.3	0.1	(?)	2,145,193	445,658	1,699,535	381.4	1.1	0.4	0.4
Sugar crops.....	13,009	7,955	5,054	63.5	0.1	(?)	506,479	193,056	313,423	162.4	0.2	0.2	0.2
Sundry minor crops.....	2,484	2,112	372	17.6	(?)	(?)	98,108	44,167	54,031	122.3	(?)	(?)	(?)
Potatoes and sweet potatoes and yams.....	101,065	88,234	12,831	14.5	0.6	0.5	3,956,012	2,618,659	1,337,353	51.1	1.0	2.1	2.1
Other vegetables.....	114,237	95,434	18,803	19.7	0.7	0.6	7,498,024	4,524,435	2,973,589	65.7	3.7	3.7	3.7
Flowers and plants and nursery products.....	2,346	1,820	526	28.9	(?)	(?)	1,624,278	968,655	147.7	0.8	0.8	0.5	0.5
Small fruits.....	5,919	13,115	-7,196	-54.9	(?)	0.1	612,725	1,113,623	-500,802	-45.0	0.3	0.0	0.0
Crops with no acreage reports.....							10,814,420	10,765,863	48,557	0.5	5.3	8.8	8.8
Seeds.....							793,455	1,828,051	-1,035,196	-56.6	0.4	1.5	1.5
Fruits and nuts.....							4,004,367	3,622,896	481,471	13.7	2.0	2.0	2.0
Maple sugar and sirup.....							300,755	160,307	134,448	80.8	0.1	0.1	0.1
Forest products of farms.....							5,603,322	5,235,459	367,863	7.0	2.7	4.3	4.3
Miscellaneous.....							112,521	12,550	99,971	706.6	0.1	(?)	(?)

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

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

The total value of crops in 1909 was \$204,210,000. Of this amount, 94.7 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 11,331,395, representing 66.9 per cent of the total improved land in farms (16,931,252 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 Indiana agriculture is indicated by the fact that about three-fourths (74.4 per cent) of the total value of crops in 1909 was contributed by the cereals, and about one-eighth (12.2 per cent) by hay and forage. The remainder, representing in value 13.4 per cent of the total, consisted mostly of potatoes and other vegetables, forest products, and fruits and nuts.

The total value of crops in 1909 was 66.7 per cent greater than in 1899; this increase was no doubt largely due to higher prices. There was an increase of 1.8 per cent in the total acreage of crops for which acreage was reported, the greatest absolute increase being in that of the acreage of cereals and the greatest decrease in that of hay and forage.

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.....		8,752,732	281,488,700	Bu...	\$151,898,146
Corn.....	189,389	4,901,054	195,496,433	Bu...	98,437,988
Oats.....	101,199	1,667,818	50,607,913	Bu...	18,928,709
Wheat, total.....	104,273	2,082,855	33,935,972	Bu...	33,593,141
Common winter.....	104,135	2,080,870	33,001,949	Bu...	33,559,918
Common spring.....	160	1,954	33,975	Bu...	33,172
Durum or macaroni.....	2	2	48	Bu...	51
Emmer and spelt.....	54	223	4,276	Bu...	2,256
Barley.....	1,896	10,188	234,298	Bu...	133,691
Buckwheat.....	1,289	6,995	84,991	Bu...	56,617
Rye.....	9,512	83,440	1,121,589	Bu...	743,783
Kafir corn and milo maize.....	54	179	3,228	Bu...	2,065
Other grains and seeds with acreage report, total.....		15,300	110,905	Bu...	172,876
Dry edible beans.....	1,932	1,721	15,238	Bu...	30,929
Peanuts.....	43	18	624	Bu...	692
Dry peas.....	1,652	13,082	88,254	Bu...	133,060
Broom corn seed.....	1	10	280	Bu...	1,120
Flaxseed.....	7	39	179	Bu...	1,245
Sunflower seed.....	66	430	6,330	Bu...	5,894
Seeds with no acreage report, total.....					793,455
Timothy seed.....	629	()	30,028	Bu...	46,484
Clover seed.....	8,331	()	108,350	Bu...	713,050
Millet seed.....	66	()	15,222	Bu...	8,795
Other tame grass seed.....	87	()	11,870	Bu...	16,812
Flower and garden seeds.....	76	()			8,414
Hay and forage, total.....	148,400	2,300,579	2,880,104	Tons.	24,833,461
Timothy alone.....	97,160	1,200,380	1,442,218	Tons.	14,337,656
Timothy and clover mixed.....	34,774	420,376	524,385	Tons.	4,852,978
Clover alone.....	25,949	271,697	314,818	Tons.	2,540,161
Alfalfa.....	4,116	17,838	40,320	Tons.	435,807
Millet or Hungarian grass.....	4,759	19,313	25,147	Tons.	174,921
Other tame or cultivated grasses.....	5,235	54,106	50,688	Tons.	400,260
Wild, salt, or prairie grasses.....	2,489	60,859	63,228	Tons.	306,997
Grains cut green.....	7,342	47,667	66,589	Tons.	496,304
Coarse forage.....	19,838	202,292	352,513	Tons.	1,337,073
Root forage.....	28	31	195	Tons.	1,394
Potatoes.....	140,803	99,504	8,905,679	Bu...	3,816,128
Sweet potatoes and yams.....	11,420	1,561	173,300	Bu...	139,836
Tobacco.....	8,660	23,694	21,387,324	Lbs..	2,145,193
Sundry minor crops, total ²		2,484			93,193
Hemp.....	5	335	395,467	Lbs..	21,755
Broom corn.....	335	323	153,259	Lbs..	13,461
Mint and mint oil.....	78	1,814	36,621	Lbs..	59,110
Willows.....	17	12	17,425	Lbs..	1,035
Ginseng.....	14				3,818

¹ 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.

² Includes small amount of hops.

The leading crops covered by the table, in the order of their importance as judged by value, are corn, \$98,438,000; wheat, \$33,593,000; hay and forage, \$24,883,000; oats, \$18,929,000; potatoes, \$3,816,000; and tobacco, \$2,145,000. It should be noted, however, that some of the crops, reported on other pages, are more important than potatoes or tobacco.

By far the most important crop is corn. The value reported for this cereal is nearly three times as great as that of wheat, nearly four times as great as that of hay and forage, and over five times as great as that reported for oats. The cereals, other than corn, wheat, and oats, are relatively unimportant. The acreage of corn is nearly two and a half times as great as that of wheat, a little more than twice that of hay and forage, and about three times that of oats.

Of the "hay and forage" crops "timothy alone" constitutes over half the acreage and nearly 60 per cent of the value. The next in order of importance is "timothy and clover mixed," with a little less than a fifth of the acreage and value, respectively, of the hay and forage crops. "Clover alone" has an acreage about two-thirds that of "timothy and clover mixed," but a value somewhat more than half as great. Alfalfa, while not great in acreage, makes a good relative showing in value, being reported at more than \$24 per acre.

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

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Rye.	Potatoes.	Hay and forage.
1909.....	4,901,054	1,667,818	2,082,835	83,440	99,504	2,300,579
1899.....	4,499,249	1,017,385	2,893,293	43,562	84,245	2,442,414
1889.....	3,586,190	1,102,479	2,570,017	62,890	113,509	2,330,504
1879.....	3,678,420	628,531	2,619,695	25,400	(¹)	1,274,364

¹ Not reported.

Between 1879 and 1909 the acreage in corn increased a little over 33 per cent, though it was slightly less in 1889 than in 1879. During the same period the acreage in oats increased about two and a half times, and the acreage in rye over three times, although both showed a greater acreage in 1889 than in 1899. The minimum acreage in wheat was reported in 1909 and the maximum acreage in 1899. Moreover, the acreage in this crop was greater in 1879 than in 1889. Between 1879 and 1889 the acreage in hay and forage increased 82.9 per cent and in the following decade only 4.8 per cent, while between 1899 and 1909 it decreased 5.8 per cent.

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

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres, 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
	Corn.....	87.9	90.9	28.9	27.0	8.9	39.9 Bu.	$20.09
Oats.....	47.0	37.0	9.9	6.1	63.9	30.3 Bu.	11.35
Wheat.....	48.3	59.4	12.3	17.3	-23.0	16.3 Bu.	16.13
Barley.....	0.9	0.9	0.1	0.1	6.9	23.0 Bu.	13.11
Rye.....	4.4	2.7	0.5	0.3	91.5	13.4 Bu.	8.91
Hay and forage.....	68.9	75.6	13.6	14.6	-5.8	1.25 Tons.	10.82
Potatoes.....	65.3	64.7	0.6	0.5	18.1	89.5 Bu.	38.35
Tobacco.....	4.0	1.8	0.1	(²)	183.3	902.7 Lbs.	90.54

¹ A minus sign (-) denotes decrease. ² Less than one-tenth of 1 per cent.

Corn is grown on nearly nine-tenths of the farms of the state; oats and winter wheat each on nearly half of the farms; and other cereals, infrequently. About two-thirds of the farms report potatoes and a little higher proportion report hay and forage. None of the other crops are very generally grown. The relative extent of these crops is seen in the per cent of improved land which they respectively occupy. Corn covers about three-tenths of the improved land; oats, about one-tenth; wheat, approximately one-eighth; and hay and forage, a little more than one-eighth. Together the eight crops shown in the table occupy about two-thirds of the improved acreage of the state.

The largest relative increases between 1899 and 1909 in the acreages of the crops shown in this table were those reported for tobacco 183.1 per cent, for rye 91.5 per cent, and oats 63.9 per cent. Only two decreases in acreages were reported for the last decade, that for wheat being 28 per cent and that for hay and forage 5.8 per cent.

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

In 1909 the total acreage of potatoes and other vegetables was 215,332 and their value \$11,454,036. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 114,267 and their value \$7,498,000, both acreage and value being materially greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909 only 1,294 farms in the first class, representing about one-seventh of the total acreage of vegetables and about one-sixth of the total value, the average acreage of vegetables per farm for these farms being 13 and the average value of product per acre \$78.85.

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.

The raising of flowers and plants and of nursery products is also of some importance in Indiana, 2,346 acres being devoted to them in 1909, and the output being valued at \$1,624,278. 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.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	164,667	76.4	114,267	95,434	\$7,498,024	\$4,524,435
Farms reporting a product of \$500 or over.....	1,294	0.6	16,829	.....	1,327,017	.....
All other farms.....	163,373	75.8	97,438	.....	6,171,007	.....
Flowers and plants, total.....	367	0.2	406	174	1,212,891	400,730
Farms reporting a product of \$250 or over.....	223	0.1	.....	.....	1,202,396	.....
All other farms.....	144	0.1	.....	.....	10,495	.....
Nursery products, total.....	164	0.1	1,850	1,646	411,387	254,893
Farms reporting a product of \$250 or over.....	62	(²)	.....	.....	399,341	.....
All other farms.....	102	(²)	.....	.....	12,046	.....

¹ Does not include 26,174 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.....	.....	5,919	13,115	7,424,831	\$612,725
Blackberries.....	5,433	2,574	4,714	3,769,132	310,430
Blackberries and dewberries.....	5,216	1,347	3,192	1,482,909	118,322
Raspberries and loganberries.....	4,104	1,412	3,277	1,595,921	140,204
Currants.....	2,690	165	577	208,049	16,901
Gooseberries.....	4,083	274	617	320,903	25,682
Cranberries.....	3	4	70	7,552	498
Other berries.....	38	143	668	50,305	5,688

Strawberries are by far the most important of the small fruits raised in Indiana, with raspberries and loganberries and blackberries and dewberries ranking, respectively, second and third. The total acreage of small fruits in 1909 was 5,919 and in 1899, 13,115, a decrease of 54.9 per cent. The production in 1909 was 7,425,000 quarts, as compared with 22,088,000 quarts in 1899, and the value \$613,000, as compared with \$1,114,000.

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 4,714,000 bushels, valued at \$3,709,000.

Apples contributed considerably more than one-half of this quantity, peaches and nectarines ranking next in importance. The production of grapes in 1909 amounted to 12,817,000 pounds, valued at \$288,000, and that of nuts to 440,000 pounds, valued at \$7,000. Most of the nuts consisted of black walnuts.

The production of all orchard fruits together in 1909 was 49.3 per cent less in quantity than that in 1899, and the production of grapes also decreased. The total value of orchard fruits increased from \$3,166,000 in 1899 to \$3,709,000 in 1909, and that of grapes decreased from \$350,000 in 1899 to \$288,000 in 1909. It should be noted in this connection that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. ¹	Value.		Quantity.^{1}
Orchard fruits, total.....	10,050	759	3,787	631	4,713,537	\$3,709,275	9,304,482
Apples.....	158,104	5,704,821	74,256	1,961,974	2,750,134	1,720,811	8,020,278
Peaches and nectarines.....	115,090	2,130,298	46,602	1,145,479	1,174,380	1,123,248	60,333
Pears.....	94,787	708,723	33,869	220,548	310,025	243,098	231,713
Plums and prunes.....	71,077	500,088	23,948	177,031	77,065	89,073	131,529
Cherries.....	108,189	815,742	35,271	251,959	303,993	508,510	228,485
Apricots.....	3,670	7,337	1,054	2,879	1,147	1,472	757
Quinces.....	18,682	56,827	5,348	17,858	17,873	22,431	(²)
Mulberries.....	9	23	2	3	11	20	(²)
Unclassified.....	.....	.....	.....	.....	.....	.....	³ 22,387
Grapes.....	73,892	1,049,232	11,335	149,441	12,817,353	287,707	18,651,380
Nuts, total.....	.....	19,179	.....	6,004	439,644	7,344	588,800
Pecans.....	280	4,853	119	940	19,287	1,940	10,650
Black walnuts.....	920	11,848	215	4,822	378,842	4,383	(²)
Hickory nuts.....	131	1,806	9	101	31,950	753	(²)
Unclassified.....	.....	.....	.....	.....	.....	.....	³ 572,150
Tropical fruits (Japanese persimmons).....	22	62	3	27	48	41	.....

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

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

PRODUCT.	FARMS REPORTING, 1909		Unit.	QUANTITY PRODUCED.	
	Number.	Percent of all farms.		1909	1899
Cider.....	16,039	7.4	Gals.....	1,491,911	4,747,900
Vinegar.....	9,348	4.3	Gals.....	431,187	1,196,244
Wine and grape juice.....	4,786	2.2	Gals.....	130,976	126,730
Dried fruits.....	1,870	0.9	Lbs.....	62,196	494,860

Sugar crops: 1909 and 1899.—The next table shows data with regard to maple trees and their products and for sugar beets and sorghum cane. The total value of sorghum cane and sirup produced in 1909 was \$466,000, as compared with \$193,000 in 1899, and the total value of maple sugar and sirup produced in 1909 was \$301,000, as compared with \$166,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	5,422	2.5	1,742,586			\$300,755
Sugar made.....	611	0.1		33,419	Lbs.	3,950
Sirup made.....	5,408	2.5		273,728	Gals.	296,805
Total, 1899.....	4,467	2.0				166,307
Sugar made.....				51,900	Lbs.	4,372
Sirup made.....				179,576	Gals.	161,935
Sugar beets, 1909 ¹	109	0.1	750	7,194	Tons.	40,861
Sorghum cane:						
Total, 1909 ²						465,618
Cane grown.....	22,116	10.3	12,253	79,672	Tons.	
Sirup made.....	21,850	10.1		965,080	Gals.	449,968
Total, 1899.....						193,056
Cane grown.....	19,232	8.7	7,955	65,085	Tons.	
Cane sold as such.....				2,560	Tons.	6,750
Sirup made.....				579,061	Gals.	186,306

¹ Number of trees. ² Includes beets used as root forage. ³ Includes cane used as coarse forage.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and

telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 75,397 farms in Indiana (35 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$5,603,322, as compared with \$5,235,459 in 1899, an increase of 7 per cent. Of the value in 1909, \$2,979,878 was reported as that of products used or to be used on the farms themselves, \$1,163,192 as that of products sold or for sale, and \$1,460,252 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 3,159 farmers in Indiana sold, during 1909, 33,235 tons of straw, for which they received \$95,030, and that 788 farmers sold 5,595 tons of cornstalks and leaves, for which they received \$17,491.

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		Amount.	1899	INCREASE:	
	Farms reporting.				Amount.	Amount.	Per cent.
	Number.	Percent of all farms.				
Labor.....	103,947	48.2	\$17,682,079	\$9,685,540	\$7,996,539	82.6
Feed.....	74,889	34.8	6,893,901	(1)		
Fertilizer.....	55,431	25.7	2,189,695	1,553,710	635,985	40.9

¹ Not reported at the census of 1900.

Nearly half of the farmers of Indiana hire labor, and the average amount expended by those hiring is \$170. One-fifth of the amount expended for labor is in the form of rent and board. During the decade the total expenditure for labor increased 82.6 per cent. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

About one out of every three farmers reports some expenditure for feed, while one in every four reports

the purchase of fertilizer. The total amount reported as paid for fertilizer shows an increase of \$636,000, or 40.9 per cent, over the amount expended in 1899, the average per farm reporting now being \$39.50.

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.....					\$32,749,681
Corn.....	65,431	30.4	37,773,249	Bu.....	20,436,730
Oats.....	49,488	23.0	21,099,933	Bu.....	7,961,211
Barley.....	243	0.1	30,196	Bu.....	18,003
Hay and coarse forage....	36,021	16.7	424,680	Tons...	4,333,687

While the total amount expended by Indiana farmers for the purchase of feed in 1909 was \$6,894,000, the total receipts from the sale of feed by those reporting sales amounted to \$32,750,000.

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 there presented brought to light certain errors in the total farm acreage of Fountain County. The corrected acreage is 248,219, and not 245,151 as shown in the county tables.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Adams.	Allen.	Bartholomew.	Benton.	Blackford.
1 Population.....	2,700,876	21,840	93,386	24,813	12,688	15,820
2 <i>Population in 1900.....</i>	<i>2,516,468</i>	<i>22,858</i>	<i>77,270</i>	<i>24,594</i>	<i>15,123</i>	<i>17,213</i>
3 Number of all farms.....	215,485	2,353	4,331	2,127	1,271	1,152
4 <i>Number of all farms in 1900.....</i>	<i>221,897</i>	<i>2,492</i>	<i>4,392</i>	<i>2,451</i>	<i>1,551</i>	<i>1,395</i>
5 Color and nativity of farmers:						
6 Native white.....	204,651	2,102	3,925	2,029	1,127	1,122
7 Foreign-born white.....	9,729	251	404	95	143	30
8 Negro and other nonwhite.....	805	.....	2	3	1	.....
9 Number of farms, classified by size:						
10 Under 3 acres.....	441	1	9	5	.....	2
11 3 to 9 acres.....	11,508	57	252	68	25	38
12 10 to 19 acres.....	11,095	62	194	85	17	59
13 20 to 49 acres.....	40,161	404	644	349	31	244
14 50 to 99 acres.....	67,221	1,028	1,636	581	166	459
15 100 to 174 acres.....	57,261	654	1,253	655	439	275
16 175 to 259 acres.....	18,081	125	260	255	213	50
17 260 to 499 acres.....	8,026	22	72	106	244	22
18 500 to 999 acres.....	949	.....	11	22	33	3
19 1,000 acres and over.....	142	.....	.....	1	3	.....
LAND AND FARM AREA						
20 Approximate land area..... acres.	23,068,800	215,680	423,040	280,480	261,120	107,520
21 Land in farms..... acres.	21,209,823	208,802	395,312	244,900	252,196	98,373
22 <i>Land in farms in 1900.....</i>	<i>21,619,683</i>	<i>209,676</i>	<i>397,255</i>	<i>254,051</i>	<i>249,904</i>	<i>108,323</i>
23 Improved land in farms..... acres.	16,931,252	178,358	314,644	200,450	245,329	83,519
24 <i>Improved land in farms in 1900.....</i>	<i>16,680,358</i>	<i>170,694</i>	<i>294,859</i>	<i>202,272</i>	<i>237,650</i>	<i>83,555</i>
25 Woodland in farms..... acres.	3,370,791	25,119	63,941	36,706	3,401	12,803
26 Other unimproved land in farms..... acres.	907,780	5,325	16,727	16,754	3,466	1,761
27 Per cent of land area in farms.....	92.3	96.8	93.4	94.0	96.6	91.5
28 Per cent of farm land improved.....	79.5	85.4	79.6	81.8	97.3	85.2
29 Average acres per farm.....	98.8	88.7	91.3	115.1	198.4	85.4
30 Average improved acres per farm.....	78.6	75.8	72.6	94.2	193.0	72.8
VALUE OF FARM PROPERTY						
31 All farm property..... dollars.	1,809,135,238	23,152,087	43,085,476	21,010,313	37,924,011	9,065,752
32 <i>All farm property in 1900.....</i>	<i>978,616,471</i>	<i>11,166,044</i>	<i>22,304,206</i>	<i>12,547,432</i>	<i>17,322,499</i>	<i>5,241,762</i>
33 Per cent increase, 1900-1910.....	84.9	107.3	93.2	70.2	111.6	73.0
34 Land..... dollars.	1,323,198,545	16,014,333	20,639,826	16,586,245	32,517,953	6,415,554
35 <i>Land in 1900.....</i>	<i>637,635,460</i>	<i>7,324,660</i>	<i>14,665,350</i>	<i>9,199,790</i>	<i>14,223,890</i>	<i>5,749,380</i>
36 Buildings..... dollars.	266,079,051	4,144,250	8,434,320	2,456,808	2,611,000	1,363,330
37 <i>Buildings in 1900.....</i>	<i>154,101,830</i>	<i>1,286,070</i>	<i>4,707,520</i>	<i>1,766,550</i>	<i>1,533,230</i>	<i>725,140</i>
38 Implements and machinery..... dollars.	40,999,541	605,844	1,242,058	419,314	616,445	208,837
39 <i>Implements, etc., in 1900.....</i>	<i>27,590,370</i>	<i>449,080</i>	<i>733,620</i>	<i>313,830</i>	<i>318,560</i>	<i>144,050</i>
40 Domestic animals, poultry, and bees..... dollars.	173,860,101	2,358,160	3,772,232	1,548,146	2,178,907	1,043,031
41 <i>Domestic animals, etc., in 1900.....</i>	<i>109,550,761</i>	<i>1,346,334</i>	<i>2,292,915</i>	<i>1,068,312</i>	<i>1,390,319</i>	<i>647,682</i>
42 Per cent of value of all property in—						
43 Land.....	73.4	69.2	68.8	78.9	85.7	70.8
44 Buildings.....	14.7	17.9	19.6	11.7	6.9	16.4
45 Implements and machinery.....	2.3	2.6	2.9	2.0	1.6	2.3
46 Domestic animals, poultry, and bees.....	9.6	10.3	8.8	7.4	5.7	11.6
47 Average values:						
48 All property per farm..... dollars.	8,396	9,839	9,948	9,878	29,838	7,870
49 Land and buildings per farm..... dollars.	7,399	8,607	8,790	8,953	27,639	6,779
50 Land per acre..... dollars.	62.36	76.70	74.97	67.73	128.94	65.22
51 <i>Land per acre in 1900.....</i>	<i>51.31</i>	<i>55.24</i>	<i>59.67</i>	<i>55.21</i>	<i>56.04</i>	<i>59.09</i>
DOMESTIC ANIMALS (farms and ranges)						
52 Farms reporting domestic animals.....	207,806	2,329	4,259	2,053	1,201	1,136
53 Value of domestic animals..... dollars.	165,867,178	2,272,949	3,587,014	1,459,853	2,125,008	995,713
54 Cattle:						
55 Total number.....	1,363,016	17,059	30,954	11,840	11,072	7,650
56 Dairy cows.....	633,691	7,801	15,635	5,520	3,907	3,420
57 Other cows.....	133,709	1,844	2,410	1,443	1,313	589
58 Yearling heifers.....	180,545	2,178	3,029	1,654	1,278	1,030
59 Calves.....	134,153	2,044	4,431	1,592	1,468	1,123
60 Yearling steers and bulls.....	114,072	1,718	2,278	904	1,171	804
61 Other steers and bulls.....	116,946	874	1,771	727	1,335	981
62 Value..... dollars.	39,110,492	458,156	884,539	287,703	401,062	227,188
63 Horses:						
64 Total number.....	813,644	10,851	17,613	7,580	11,367	4,943
65 Mature horses.....	714,091	9,071	15,508	6,782	9,815	4,222
66 Yearling colts.....	71,863	1,395	1,549	579	1,125	581
67 Spring colts.....	27,690	445	556	225	427	140
68 Value..... dollars.	87,118,468	1,371,808	2,122,676	678,671	1,403,891	513,054
69 Mules:						
70 Total number.....	82,188	126	213	2,323	682	103
71 Mature mules.....	69,493	113	180	2,017	600	87
72 Yearling colts.....	9,388	10	23	228	66	8
73 Spring colts.....	3,287	3	5	78	16	5
74 Value..... dollars.	9,678,014	15,805	27,273	260,683	96,195	13,985
75 Asses and burros:						
76 Number.....	1,646	8	5	10	2	6
77 Value..... dollars.	291,217	215	1,275	1,475	500	355
78 Swine:						
79 Total number.....	3,613,906	55,131	56,646	30,041	25,250	28,904
80 Mature hogs.....	1,906,258	30,494	30,789	16,255	14,705	12,969
81 Spring pigs.....	1,707,648	24,637	25,857	13,786	10,545	15,935
82 Value..... dollars.	23,739,536	320,538	384,113	197,034	194,096	167,393
83 Sheep:						
84 Total number.....	1,336,967	25,437	37,758	8,120	5,009	14,851
85 Rams, ewes, and wethers.....	812,427	15,304	22,324	4,790	3,588	9,300
86 Spring lambs.....	524,540	10,133	15,434	3,324	1,761	5,551
87 Value..... dollars.	5,908,496	106,362	160,502	33,239	29,232	63,471
88 Goats:						
89 Number.....	7,290	41	134	147	15	55
90 Value..... dollars.	20,905	65	336	448	32	272
POULTRY AND BEES						
91 Number of poultry of all kinds.....	13,789,109	210,048	303,603	125,826	94,342	86,325
92 Value..... dollars.	7,762,015	113,709	181,877	86,683	51,710	50,993
93 Number of colonies of bees.....	80,938	539	1,352	804	480	464
94 Value..... dollars.	230,478	1,602	3,541	1,605	1,839	1,315

¹ Includes deer, valued at \$430.

AGRICULTURE—INDIANA.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Dubois.	Elkhart.	Fayette.	Floyd.	Fountain.	Franklin.	Fulton.	Gibson.
1 Population.....	19,843	49,008	14,415	30,293	20,499	15,335	16,879	30,137
2 <i>Population in 1900.....</i>	<i>20,367</i>	<i>45,052</i>	<i>15,495</i>	<i>30,113</i>	<i>21,446</i>	<i>16,538</i>	<i>17,463</i>	<i>30,089</i>
3 Number of all farms.....	2,242	3,188	1,126	1,216	2,098	2,113	2,343	2,882
4 <i>Number of all farms in 1900.....</i>	<i>2,238</i>	<i>3,364</i>	<i>1,068</i>	<i>1,213</i>	<i>2,225</i>	<i>2,139</i>	<i>2,464</i>	<i>2,975</i>
5 Color and nativity of farmers:								
6 Native white.....	2,113	3,075	1,101	1,073	2,050	1,983	2,281	2,687
7 Foreign-born white.....	128	112	22	129	48	130	61	103
8 Negro and other nonwhite.....	1	1	3	14	.....	.....	1	92
9 Number of farms, classified by size:								
10 Under 3 acres.....	1	16	5	2	.....	1	3	1
11 3 to 9 acres.....	71	183	60	63	110	86	102	107
12 10 to 19 acres.....	79	188	56	109	94	89	138	167
13 20 to 49 acres.....	268	596	125	408	335	246	461	655
14 50 to 99 acres.....	552	1,083	275	383	579	634	767	841
15 100 to 174 acres.....	879	900	377	190	586	728	628	767
16 175 to 259 acres.....	303	105	160	42	239	233	176	249
17 260 to 499 acres.....	85	45	65	13	140	34	67	93
18 500 to 999 acres.....	3	2	3	.....	15	11	11	9
19 1,000 acres and over.....	1	.....	.....	1	.....	1	.....	.....
LAND AND FARM AREA								
20 Approximate land area.....acres.....	273,280	295,680	138,240	94,720	252,800	252,100	234,880	311,040
21 Land in farms.....acres.....	262,570	270,530	134,200	80,769	240,845	240,732	221,387	273,102
22 <i>Land in farms in 1900.....</i>	<i>266,195</i>	<i>279,019</i>	<i>132,695</i>	<i>81,594</i>	<i>245,151</i>	<i>240,176</i>	<i>222,812</i>	<i>273,330</i>
23 Improved land in farms.....acres.....	180,627	227,833	103,960	52,438	196,939	157,970	182,137	244,537
24 <i>Improved land in farms in 1900.....</i>	<i>178,813</i>	<i>230,530</i>	<i>105,225</i>	<i>55,901</i>	<i>195,233</i>	<i>163,385</i>	<i>173,533</i>	<i>242,145</i>
25 Woodland in farms.....acres.....	69,334	29,384	19,903	22,303	35,280	51,011	25,838	25,363
26 Other unimproved land in farms.....acres.....	12,615	13,263	10,337	5,518	8,620	31,751	13,412	3,202
27 Per cent of land area in farms.....	96.1	91.5	97.1	85.3	95.3	95.5	94.3	87.8
28 Per cent of farm land improved.....	68.8	84.2	77.5	64.9	81.8	65.6	82.3	89.5
29 Average acres per farm.....	117.1	84.9	119.2	66.4	114.8	113.9	94.5	94.8
30 Average improved acres per farm.....	80.6	71.5	92.3	43.1	93.9	74.8	77.7	84.8
VALUE OF FARM PROPERTY								
31 All farm property.....dollars.....	10,008,090	26,826,318	11,443,825	4,441,398	25,223,240	12,033,952	18,521,913	21,484,906
32 <i>All farm property in 1900.....</i>	<i>6,784,888</i>	<i>17,115,455</i>	<i>6,238,035</i>	<i>3,201,493</i>	<i>12,984,771</i>	<i>7,114,685</i>	<i>10,232,153</i>	<i>12,300,061</i>
33 Per cent increase, 1900-1910.....	47.5	50.7	83.4	38.7	94.3	69.2	80.1	73.8
34 Land.....dollars.....	6,624,599	18,012,740	8,260,000	2,713,101	19,521,499	7,859,431	13,273,404	16,273,167
35 <i>Land in 1900.....</i>	<i>4,393,820</i>	<i>11,604,080</i>	<i>4,391,760</i>	<i>2,026,510</i>	<i>9,531,980</i>	<i>4,467,480</i>	<i>7,320,900</i>	<i>9,090,980</i>
36 Buildings.....dollars.....	1,350,240	5,455,830	1,715,775	1,137,074	2,998,785	2,295,970	2,844,275	2,647,015
37 <i>Buildings in 1900.....</i>	<i>1,365,400</i>	<i>3,451,290</i>	<i>965,720</i>	<i>776,300</i>	<i>1,676,040</i>	<i>1,616,860</i>	<i>1,474,660</i>	<i>1,708,080</i>
38 Implements and machinery.....dollars.....	314,173	725,517	286,858	170,997	477,765	390,717	425,666	454,485
39 <i>Implements, etc., in 1900.....</i>	<i>223,270</i>	<i>523,070</i>	<i>169,090</i>	<i>127,610</i>	<i>312,390</i>	<i>260,620</i>	<i>273,210</i>	<i>338,100</i>
40 Domestic animals, poultry, and bees.....dollars.....	1,219,068	2,632,231	1,181,192	420,226	2,225,191	1,486,834	1,978,568	2,110,329
41 <i>Domestic animals, etc., in 1900.....</i>	<i>778,398</i>	<i>1,537,105</i>	<i>711,485</i>	<i>271,073</i>	<i>1,414,561</i>	<i>870,465</i>	<i>1,208,383</i>	<i>1,222,651</i>
42 Per cent of value of all property in—								
43 Land.....	66.2	67.1	72.2	61.1	77.4	65.3	71.7	75.7
44 Buildings.....	18.5	20.3	15.0	25.6	11.9	19.1	15.4	12.3
45 Implements and machinery.....	3.1	2.7	2.5	3.8	1.9	3.3	2.3	2.1
46 Domestic animals, poultry, and bees.....	12.2	9.8	10.3	9.5	8.8	12.4	10.7	9.8
47 Average values:								
48 All property per farm.....dollars.....	4,464	8,415	10,168	3,652	12,023	5,698	7,905	7,455
49 Land and buildings per farm.....dollars.....	3,780	7,362	8,859	3,166	10,734	4,806	6,679	6,565
50 Land per acre.....dollars.....	25.23	66.58	61.55	33.60	81.05	32.65	59.99	59.59
51 <i>Land per acre in 1900.....</i>	<i>18.41</i>	<i>41.59</i>	<i>53.10</i>	<i>24.84</i>	<i>39.09</i>	<i>18.60</i>	<i>32.26</i>	<i>32.60</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	2,162	3,091	1,079	1,103	2,045	2,013	2,308	2,765
53 Value of domestic animals.....dollars.....	1,144,101	2,520,835	1,137,177	395,018	2,144,155	1,410,762	1,876,986	2,020,583
54 Cattle:								
55 Total number.....	12,866	22,661	8,114	4,707	12,693	14,807	18,431	14,927
56 Dairy cows.....	6,432	11,732	3,128	3,074	5,241	6,867	8,444	6,457
57 Other cows.....	1,622	2,084	1,223	151	1,557	2,016	1,539	1,941
58 Yearling heifers.....	1,593	2,977	1,136	839	2,020	1,974	2,456	2,414
59 Calves.....	1,630	3,656	918	533	1,799	1,952	2,480	1,827
60 Yearling steers and bulls.....	823	1,326	888	81	1,220	1,176	1,590	1,382
61 Other steers and bulls.....	766	1,856	821	29	856	822	1,022	906
62 Value.....dollars.....	230,193	655,621	237,388	117,612	407,068	357,207	501,875	350,228
63 Horses:								
64 Total number.....	6,780	12,101	4,794	2,384	10,627	6,767	8,826	10,108
65 Mature horses.....	6,080	10,542	4,281	2,283	9,347	6,128	7,548	8,805
66 Yearling colts.....	466	1,082	365	82	909	477	945	848
67 Spring colts.....	234	477	148	19	371	152	333	455
68 Value.....dollars.....	614,922	1,518,509	472,791	213,796	1,133,303	656,741	1,042,633	987,831
69 Mules:								
70 Total number.....	1,320	112	381	352	922	492	151	3,014
71 Mature mules.....	1,153	101	335	323	693	422	121	2,610
72 Yearling colts.....	115	6	29	21	172	51	26	304
73 Spring colts.....	52	6	17	8	57	19	4	100
74 Value.....dollars.....	139,895	14,535	49,040	34,992	105,033	56,950	19,105	359,855
75 Asses and burros:								
76 Number.....	15	2	2	6	5	5	4	61
77 Value.....dollars.....	3,065	70	250	563	3,000	1,900	1,615	7,095
78 Swine:								
79 Total number.....	23,013	29,181	52,018	3,777	55,889	42,074	32,224	45,753
80 Mature hogs.....	14,553	16,889	29,208	2,132	31,166	23,666	18,019	23,789
81 Spring pigs.....	8,460	12,292	23,810	1,645	24,723	18,408	14,205	16,964
82 Value.....dollars.....	125,227	228,308	333,765	25,736	414,110	272,340	208,352	256,708
83 Sheep:								
84 Total number.....	5,847	23,345	9,423	658	17,234	15,530	24,435	13,710
85 Rams, ewes, and wethers.....	3,459	14,595	5,928	397	10,847	9,171	14,724	7,954
86 Spring lambs.....	2,388	8,750	3,495	261	6,387	6,359	9,711	5,756
87 Value.....dollars.....	21,722	103,115	43,897	2,173	81,379	65,556	103,272	58,069
88 Goats:								
89 Number.....	42	72	21	42	45	3	62	64
90 Value.....dollars.....	77	177	46	141	262	8	134	197
POULTRY AND BEES								
91 Number of poultry of all kinds.....	172,332	191,207	69,581	45,854	133,356	146,644	176,857	158,671
92 Value.....dollars.....	73,818	103,271	42,235	24,392	78,451	73,389	99,319	87,103
93 Number of colonies of bees.....	553	1,089	649	274	917	867	783	1,522
94 Value.....dollars.....	1,150	3,125	1,780	816	2,555	2,683	2,263	2,643

1 See explanation of 1900 figures at close of text.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Jennings.	Johnson.	Knox.	Kosciusko.	Lagrange.	Lake.	Laporte.	Lawrence.
1 Population.....	14,203	20,394	39,183	27,936	15,148	82,864	45,797	30,625
2 <i>Population in 1900.....</i>	<i>16,787</i>	<i>20,228</i>	<i>32,740</i>	<i>29,109</i>	<i>16,284</i>	<i>37,892</i>	<i>38,386</i>	<i>25,720</i>
3 Number of all farms.....	2,020	2,025	2,767	3,365	2,120	1,814	2,536	2,342
4 <i>Number of all farms in 1900.....</i>	<i>2,135</i>	<i>2,068</i>	<i>2,683</i>	<i>3,532</i>	<i>2,146</i>	<i>1,708</i>	<i>2,613</i>	<i>2,251</i>
5 Color and nativity of farmers:								
6 Native white.....	1,910	2,013	2,634	3,295	2,066	1,255	1,932	2,322
7 Foreign-born white.....	89	10	123	70	54	558	600	18
8 Negro and other nonwhite.....	21	2	10	1	1	1	4	4
9 Number of farms, classified by size:								
10 Under 3 acres.....	3	13	8	4	2	9	4	1
11 3 to 9 acres.....	77	123	112	120	73	100	110	131
12 10 to 19 acres.....	56	104	119	137	79	124	109	153
13 20 to 49 acres.....	353	345	566	638	318	284	350	470
14 50 to 99 acres.....	603	673	697	1,246	658	350	574	640
15 100 to 174 acres.....	570	507	760	891	670	554	714	532
16 175 to 259 acres.....	191	168	330	244	223	260	380	217
17 260 to 499 acres.....	100	84	148	76	91	113	257	163
18 500 to 999 acres.....	13	7	22	8	6	13	35	32
19 1,000 acres and over.....	1	1	5	1	1	7	3	3
LAND AND FARM AREA								
20 Approximate land area..... acres.	245,120	200,080	326,400	346,240	247,680	314,880	380,800	291,840
21 Land in farms..... acres.	219,611	197,408	307,087	310,833	230,576	224,204	340,603	259,799
22 <i>Land in farms in 1900.....</i>	<i>222,074</i>	<i>194,624</i>	<i>305,998</i>	<i>322,179</i>	<i>233,201</i>	<i>233,608</i>	<i>343,450</i>	<i>266,945</i>
23 Improved land in farms..... acres.	159,950	167,483	250,268	250,268	176,923	186,372	207,121	172,525
24 <i>Improved land in farms in 1900.....</i>	<i>161,751</i>	<i>159,869</i>	<i>249,608</i>	<i>240,069</i>	<i>176,709</i>	<i>175,841</i>	<i>201,294</i>	<i>168,675</i>
25 Woodland in farms..... acres.	43,080	22,857	32,276	45,601	28,674	20,268	29,072	73,834
26 Other unimproved land in farms..... acres.	16,581	7,833	7,449	20,964	24,979	17,504	44,410	13,440
27 Per cent of land area in farms.....	89.6	95.8	94.7	91.5	93.1	71.2	89.4	89.0
28 Per cent of farm land improved.....	72.8	84.8	87.1	79.0	76.7	83.1	78.4	86.4
29 Average acres per farm.....	108.7	97.5	111.7	94.2	108.8	123.6	134.3	110.9
30 Average improved acres per farm.....	79.2	82.7	97.3	74.4	83.5	102.7	105.3	73.7
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.	9,342,922	24,598,370	27,610,620	28,651,962	18,421,945	21,980,313	25,055,048	8,479,077
32 <i>All farm property in 1900.....</i>	<i>6,104,645</i>	<i>11,877,390</i>	<i>13,465,868</i>	<i>15,850,690</i>	<i>11,467,602</i>	<i>12,728,802</i>	<i>15,533,201</i>	<i>6,081,069</i>
33 Per cent increase, 1900-1910.....	70.9	107.1	105.1	88.1	60.6	72.7	63.4	66.9
34 Land..... dollars.	6,051,899	19,204,550	21,765,057	20,131,673	12,662,068	16,279,027	18,556,784	5,600,122
35 <i>Land in 1900.....</i>	<i>3,249,570</i>	<i>8,818,109</i>	<i>9,972,470</i>	<i>10,396,170</i>	<i>7,925,510</i>	<i>9,559,840</i>	<i>11,225,020</i>	<i>5,168,040</i>
36 Buildings..... dollars.	1,855,385	2,899,656	2,819,702	4,324,405	3,233,745	3,123,476	3,874,615	1,479,680
37 <i>Buildings in 1900.....</i>	<i>1,027,190</i>	<i>1,686,980</i>	<i>1,685,920</i>	<i>2,682,670</i>	<i>2,021,420</i>	<i>1,566,080</i>	<i>2,476,800</i>	<i>898,580</i>
38 Implements and machinery..... dollars.	280,233	413,519	524,770	679,678	479,995	562,700	551,810	199,374
39 <i>Implements, etc., in 1900.....</i>	<i>204,000</i>	<i>292,080</i>	<i>375,480</i>	<i>597,500</i>	<i>383,510</i>	<i>327,710</i>	<i>347,350</i>	<i>165,540</i>
40 Domestic animals, poultry, and bees..... dollars.	1,155,475	2,078,545	2,501,081	3,016,211	2,046,137	2,015,050	2,072,733	1,199,901
41 <i>Domestic animals, etc., in 1900.....</i>	<i>713,165</i>	<i>1,293,780</i>	<i>1,421,433</i>	<i>1,854,850</i>	<i>1,197,102</i>	<i>1,234,222</i>	<i>1,234,711</i>	<i>806,169</i>
42 Per cent of value of all property in—								
43 Land.....	64.8	78.1	78.8	70.3	68.7	74.1	74.1	66.0
44 Buildings.....	10.0	11.8	10.2	16.8	17.6	14.2	15.5	17.5
45 Implements and machinery.....	3.0	1.7	1.9	2.4	2.6	2.6	2.2	2.4
46 Domestic animals, poultry, and bees.....	12.4	8.4	9.1	10.5	11.1	9.2	8.3	14.2
47 Average values:								
48 All property per farm..... dollars.	4,625	12,147	9,979	8,515	8,690	12,117	9,880	3,620
49 Land and buildings per farm..... dollars.	3,914	10,616	8,885	7,416	7,498	10,696	8,845	3,023
50 Land per acre..... dollars.	27.56	97.29	70.42	63.54	54.91	72.61	54.48	21.56
51 <i>Land per acre in 1900.....</i>	<i>14.58</i>	<i>45.28</i>	<i>32.50</i>	<i>32.87</i>	<i>33.99</i>	<i>40.93</i>	<i>32.08</i>	<i>11.86</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	1,925	1,962	2,688	3,282	2,061	1,756	2,427	2,161
53 Value of domestic animals..... dollars.	1,079,965	1,901,323	2,397,762	2,869,808	1,962,760	1,936,489	1,979,688	1,141,091
54 Cattle:								
55 Total number.....	6,530	16,019	17,021	23,918	15,255	21,600	21,419	12,936
56 Dairy cows.....	4,806	6,020	7,478	10,792	6,983	12,774	11,470	5,604
57 Other cows.....	1,722	3,188	1,635	2,180	1,653	2,414	2,430	1,238
58 Yearling heifers.....	1,324	2,085	1,975	3,035	2,033	2,378	2,441	1,573
59 Calves.....	1,223	1,807	2,137	3,555	2,416	2,968	3,141	1,367
60 Yearling steers and bulls.....	637	651	1,378	2,100	1,177	1,103	1,007	1,395
61 Other steers and bulls.....	518	1,608	2,418	2,276	993	983	630	1,759
62 Value..... dollars.	235,825	512,923	492,337	685,818	415,182	601,931	559,579	315,788
63 Horses:								
64 Total number.....	5,941	9,577	10,730	12,641	8,500	9,259	10,073	5,422
65 Mature horses.....	5,228	8,279	9,572	10,774	7,339	8,001	9,005	4,893
66 Yearling colts.....	465	918	771	1,298	832	943	778	405
67 Spring colts.....	148	380	337	569	329	315	290	124
68 Value..... dollars.	580,796	986,243	1,017,040	1,632,493	1,049,518	1,060,070	1,149,899	477,027
69 Mules:								
70 Total number.....	1,032	1,124	3,752	356	156	122	243	1,472
71 Mature mules.....	808	983	3,342	316	132	108	220	1,155
72 Yearling colts.....	175	131	316	36	18	11	12	203
73 Spring colts.....	49	10	94	4	6	3	2	114
74 Value..... dollars.	106,045	135,040	408,760	44,912	23,185	13,419	20,885	165,509
75 Asses and burros:								
76 Number.....	43	25	19	1	2	1	1	73
77 Value..... dollars.	11,150	5,650	3,125	500	.....	510	100	9,800
78 Swine:								
79 Total number.....	15,192	41,335	57,643	50,172	30,072	12,900	25,185	18,273
80 Mature hogs.....	8,812	21,452	35,784	26,239	19,390	8,255	15,004	11,207
81 Spring pigs.....	6,380	19,883	21,859	23,933	19,682	4,735	10,181	6,976
82 Value..... dollars.	110,695	288,881	377,031	345,825	277,428	125,658	185,632	131,523
83 Sheep:								
84 Total number.....	8,340	11,596	9,929	35,752	46,448	6,902	11,678	9,928
85 Rams, ewes, and wethers.....	5,193	6,938	5,916	21,643	29,216	4,841	7,383	6,170
86 Spring lambs.....	3,227	4,698	4,013	14,209	17,232	2,151	4,295	3,758
87 Value..... dollars.	35,206	51,997	39,261	159,889	197,350	43,837	57,584	40,380
88 Goats:								
89 Number.....	55	107	101	164	29	18	21	250
90 Value..... dollars.	188	199	208	433	84	64	109	914
POULTRY AND BEES								
91 Number of poultry of all kinds.....	126,349	126,381	190,523	255,703	149,188	121,934	150,758	111,689
92 Value..... dollars.	73,012	32,799	99,331	143,651	81,505	76,412	90,349	56,714
93 Number of colonies of bees.....	807	642	1,832	1,108	601	753	958	831
94 Value..... dollars.	2,498	1,753	3,948	2,752	1,876	3,140	2,696	2,096

1 Includes deer, valued at \$275.

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

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

Table with columns for counties: Vermilion, Vigo, Wabash, Warren, Warrick, Washington, Wayne, Wells, White, Whitley. Rows include Population, Number of all farms, Color and nativity of farmers, Number of farms classified by size, LAND AND FARM AREA, VALUE OF FARM PROPERTY, DOMESTIC ANIMALS (farms and ranges), and POULTRY AND BEES.

1 Includes deer, valued at \$75.

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

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

	THE STATE.	Adams.	Allen.	Bartholomew.	Benton.	Blackford.	Boone.	Brown.
FARMS OPERATED BY OWNERS								
1	Number of farms	148,501	1,658	3,087	1,474	544	711	2,223
2	Number of farms in 1900	<i>166,227</i>	<i>1,817</i>	<i>3,197</i>	<i>1,735</i>	<i>741</i>	<i>878</i>	<i>2,435</i>
3	Per cent of all farms	88.9	70.5	71.3	69.3	42.8	61.7	67.0
4	Per cent of all farms in 1900	<i>70.4</i>	<i>75.8</i>	<i>75.3</i>	<i>71.4</i>	<i>54.8</i>	<i>62.9</i>	<i>61.4</i>
5	Land in farms	13,938,925	144,728	273,772	167,801	99,100	58,288	170,186
6	Improved land in farms	10,943,297	123,755	218,433	135,645	96,205	50,010	146,334
7	Value of land and buildings	993,140,921	14,080,073	26,733,433	12,490,688	13,839,808	4,419,922	20,794,233
Degree of ownership:								
8	Farms consisting of owned land only	115,424	1,271	2,378	1,042	425	480	1,667
9	Farms consisting of owned and hired land	33,077	387	709	432	119	231	556
Color and nativity of owners:								
10	Native white	139,869	1,438	2,727	1,385	448	687	2,192
11	Foreign-born white	8,160	220	359	88	96	24	27
12	Negro and other nonwhite	472	1	1	1	1	4	15
FARMS OPERATED BY TENANTS								
13	Number of farms	64,087	687	1,200	634	683	427	1,084
14	Number of farms in 1900	<i>63,448</i>	<i>636</i>	<i>1,117</i>	<i>665</i>	<i>600</i>	<i>409</i>	<i>1,065</i>
15	Per cent of all farms	30.0	29.2	27.7	29.8	53.7	37.1	32.7
16	Per cent of all farms in 1900	<i>28.5</i>	<i>25.8</i>	<i>26.6</i>	<i>27.4</i>	<i>45.7</i>	<i>35.8</i>	<i>30.2</i>
17	Land in farms	6,877,429	62,796	114,428	74,649	141,394	37,931	92,042
18	Improved land in farms	5,644,804	53,500	91,152	62,702	137,787	32,025	80,149
19	Value of land and buildings	563,317,659	5,924,010	10,422,943	6,382,515	19,571,106	3,181,900	10,680,802
Form of tenancy:								
20	Share tenants	45,573	448	754	545	432	270	609
21	Share-cash tenants	4,896	36	55	19	66	46	144
22	Cash tenants	10,636	153	372	51	115	107	317
23	Tenure not specified	3,682	50	19	19	70	4	14
Color and nativity of tenants:								
24	Native white	62,878	657	1,158	625	637	421	1,082
25	Foreign-born white	1,491	30	42	7	46	6	2
26	Negro and other nonwhite	318	1	1	2	1	1	1
FARMS OPERATED BY MANAGERS								
27	Number of farms	2,297	8	44	19	44	14	13
28	Number of farms in 1900	<i>2,222</i>	<i>9</i>	<i>43</i>	<i>31</i>	<i>20</i>	<i>18</i>	<i>12</i>
29	Land in farms	483,469	1,275	7,112	2,450	11,702	2,154	2,330
30	Improved land in farms	343,151	1,103	5,059	2,103	11,837	1,784	1,524
31	Value of land and buildings	37,817,116	154,500	914,770	169,650	1,718,045	207,062	291,225
MORTGAGE DEBT REPORTS¹								
For all farms operated by owners:								
32	Number free from mortgage debt	89,847	874	1,866	945	271	426	1,259
33	Number with mortgage debt	56,914	776	1,199	520	261	278	947
34	Number with no mortgage report	1,740	8	22	9	12	7	10
For farms consisting of owned land only:								
35	Number reporting debt and amount	40,108	534	850	329	195	168	644
36	Value of their land and buildings	251,961,241	4,379,800	6,923,568	2,205,695	5,340,578	1,076,112	5,853,865
37	Amount of mortgage debt	57,480,582	934,750	1,603,683	472,338	1,090,076	257,510	1,210,368
38	Per cent of value of land and buildings	22.8	21.3	23.2	21.4	20.4	23.9	20.7

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

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

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products	number	600,543	7,576	14,888	5,265	3,617	3,213	9,098
2	Dairy cows on farms reporting milk produced	number	559,115	7,540	14,552	5,226	3,546	3,212	8,927
3	Milk—Produced	gallons	194,736,962	2,476,478	5,818,504	1,568,466	1,010,321	1,086,391	3,029,472
4	Sold	gallons	32,562,414	382,768	787,317	140,883	30,615	44,676	410,139
5	Cream sold	gallons	1,347,660	16,290	20,053	2,094	3,799	3,918	23,065
6	Butter fat sold	pounds	6,361,831	20,900	129,251	53,600	3,082	9,752	102,387
7	Butter—Produced	pounds	43,181,817	487,348	1,241,809	410,337	287,218	284,722	780,486
8	Sold	pounds	24,715,894	252,188	765,106	238,436	116,535	179,100	508,346
9	Cheese—Produced	pounds	63,619	9,318	9,762	9,762	9,762	9,762	9,762
10	Sold	pounds	39,858	287	9,912	9,912	9,912	9,912	9,912
11	Value of dairy products, excluding home use of milk and cream	dollars	16,666,374	152,186	472,773	121,997	68,756	73,043	251,048
12	Receipts from sale of dairy products	dollars	12,768,710	104,605	363,404	87,078	34,714	50,970	194,492
Poultry Products									
13	Poultry—Raised	number	21,895,510	227,905	408,220	261,185	170,399	123,471	473,994
14	Sold	number	8,127,981	89,904	189,034	104,914	66,034	38,748	168,453
15	Eggs—Produced	dozens	76,734,210	1,044,676	1,616,832	680,607	427,934	408,725	1,405,516
16	Sold	dozens	53,899,416	818,768	1,079,221	457,258	201,069	314,548	957,001
17	Value of poultry and eggs produced	dollars	24,707,013	291,710	517,058	349,145	167,550	131,952	487,301
18	Receipts from sale of poultry and eggs	dollars	14,536,464	198,099	320,470	210,135	71,930	77,182	271,167
Honey and Wax									
19	Honey produced	pounds	687,097	4,433	13,592	3,947	5,150	2,491	3,763
20	Wax produced	pounds	15,115	35	68	25	7	11	30
21	Value of honey and wax produced	dollars	105,715	606	2,001	650	861	421	657
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn	number	652,484	11,742	20,480	4,170	1,514	6,048	11,452
23	Mohair and goat hair, fleeces shorn	number	1,421	1	1	47	7	10	36
24	Value of wool and mohair produced	dollars	1,264,320	23,211	43,137	8,354	2,923	14,672	20,006
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered	number	273,201	2,812	7,532	2,971	1,041	1,167	4,171
26	Other cattle—Sold or slaughtered	number	490,947	4,093	5,950	4,990	5,523	2,522	9,053
27	Horses, mules, and asses and burros—Sold	number	142,934	1,829	1,860	2,187	1,580	651	2,414
28	Swine—Sold or slaughtered	number	3,677,128	45,664	55,229	40,310	27,332	25,642	85,070
29	Sheep and goats—Sold or slaughtered	number	590,364	8,506	17,370	4,206	7,713	4,004	13,967
30	Receipts from sale of animals	dollars	81,437,250	947,412	1,092,601	880,094	936,182	492,672	1,754,757
31	Value of animals slaughtered	dollars	11,458,882	140,915	272,168	125,673	78,674	61,359	207,643

AGRICULTURE—INDIANA.

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

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

	Carroll.	Cass.	Clark.	Clay.	Clinton.	Crawford.	Daviess.	Dearborn.
FARMS OPERATED BY OWNERS								
1 Number of farms.....	1,366	1,570	1,638	1,944	1,635	1,593	1,961	1,642
2 <i>Number of farms in 1900.....</i>	<i>1,668</i>	<i>1,744</i>	<i>1,631</i>	<i>1,782</i>	<i>1,784</i>	<i>1,502</i>	<i>1,993</i>	<i>1,638</i>
3 Per cent of all farms.....	61.0	64.3	74.9	75.2	60.0	85.6	71.1	73.1
4 <i>Per cent of all farms in 1900.....</i>	<i>64.1</i>	<i>65.7</i>	<i>76.5</i>	<i>71.6</i>	<i>60.0</i>	<i>82.0</i>	<i>66.4</i>	<i>77.2</i>
5 Land in farms..... acres.....	131,656	146,555	165,876	157,763	140,366	158,901	172,232	139,378
6 <i>Improved land in farms..... acres.....</i>	<i>112,348</i>	<i>123,435</i>	<i>115,334</i>	<i>126,049</i>	<i>124,614</i>	<i>87,416</i>	<i>153,113</i>	<i>100,875</i>
7 Value of land and buildings..... dollars.....	14,353,199	14,451,853	6,158,902	8,760,242	18,342,965	2,668,840	10,424,725	5,968,175
Degree of ownership:								
8 Farms consisting of owned land only.....	972	1,150	1,365	1,395	1,136	1,362	1,409	1,482
9 Farms consisting of owned and hired land.....	394	420	273	549	499	231	552	160
Color and nativity of owners:								
10 Native white.....	1,338	1,515	1,531	1,806	1,621	1,568	1,900	1,462
11 Foreign-born white.....	28	55	94	137	14	25	52	179
12 Negro and other nonwhite.....			13	1			9	1
FARMS OPERATED BY TENANTS								
13 Number of farms.....	857	850	523	620	1,067	260	779	582
14 <i>Number of farms in 1900.....</i>	<i>852</i>	<i>885</i>	<i>460</i>	<i>688</i>	<i>1,154</i>	<i>312</i>	<i>993</i>	<i>474</i>
15 Per cent of all farms.....	38.3	34.8	23.9	24.0	39.2	14.0	28.2	25.9
16 <i>Per cent of all farms in 1900.....</i>	<i>34.5</i>	<i>33.3</i>	<i>21.8</i>	<i>27.6</i>	<i>38.1</i>	<i>16.4</i>	<i>33.1</i>	<i>22.4</i>
17 Land in farms..... acres.....	93,664	98,286	43,875	51,172	111,064	21,632	76,851	43,343
18 <i>Improved land in farms..... acres.....</i>	<i>79,965</i>	<i>79,441</i>	<i>33,062</i>	<i>40,536</i>	<i>100,326</i>	<i>10,757</i>	<i>69,294</i>	<i>32,851</i>
19 Value of land and buildings..... dollars.....	9,785,432	9,155,843	1,733,240	2,715,255	14,104,403	317,494	5,451,190	2,149,140
Form of tenancy:								
20 Share tenants.....	731	667	357	365	751	233	658	344
21 Share-cash tenants.....	42	35	21	80	192	1	59	29
22 Cash tenants.....	63	89	144	101	103	25	53	84
23 Tenure not specified.....	21	59	1	74	21	1	9	125
Color and nativity of tenants:								
24 Native white.....	840	840	511	605	1,067	258	774	558
25 Foreign-born white.....	7	10	3	14		2	1	10
26 Negro and other nonwhite.....	1		9	1			4	14
FARMS OPERATED BY MANAGERS								
27 Number of farms.....	16	23	25	22	22	8	19	22
28 <i>Number of farms in 1900.....</i>	<i>39</i>	<i>37</i>	<i>36</i>	<i>19</i>	<i>56</i>	<i>31</i>	<i>17</i>	<i>8</i>
29 Land in farms..... acres.....	2,310	4,997	7,117	3,526	2,423	950	4,329	2,684
30 <i>Improved land in farms..... acres.....</i>	<i>1,940</i>	<i>3,649</i>	<i>3,433</i>	<i>2,859</i>	<i>2,255</i>	<i>526</i>	<i>4,104</i>	<i>1,725</i>
31 Value of land and buildings..... dollars.....	254,950	441,100	297,250	214,240	363,875	19,000	354,850	161,580
MORTGAGE DEBT REPORTS¹								
For all farms operated by owners:								
32 Number free from mortgage debt.....	787	884	1,139	1,321	901	1,153	1,107	1,118
33 Number with mortgage debt.....	561	669	494	588	724	437	845	512
34 Number with no mortgage report.....	18	17	5	35	10	3	9	12
For farms consisting of owned land only:								
35 Number reporting debt and amount.....	369	459	394	376	447	370	536	418
36 Value of their land and buildings..... dollars.....	3,590,023	3,883,030	1,300,285	1,553,723	4,980,105	561,633	2,466,930	1,462,255
37 Amount of mortgage debt..... dollars.....	673,955	812,497	314,827	326,811	914,660	103,829	552,593	465,540
38 Per cent of value of land and buildings.....	18.8	20.9	24.2	21.0	18.4	18.5	22.4	31.2

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1 Dairy cows on farms reporting dairy products..... number.....	6,597	8,861	5,632	6,323	7,579	2,956	6,272	7,747
2 Dairy cows on farms reporting milk produced..... number.....	6,838	8,789	5,580	6,289	7,466	2,952	6,177	7,603
3 Milk—Produced..... gallons.....	1,923,649	3,054,617	1,814,631	2,597,081	2,514,384	952,493	1,863,829	2,049,882
4 Sold..... gallons.....	179,953	502,012	455,469	220,128	259,369	14,431	76,544	435,069
5 Cream sold..... gallons.....	13,777	22,250	16,031	2,869	19,067		2,751	3,396
6 Butter fat sold..... pounds.....	59,319	149,931	84,919	400	81,327		3,663	135,181
7 Butter—Produced..... pounds.....	411,661	495,471	390,476	609,493	579,287	353,547	546,503	693,135
8 Sold..... pounds.....	209,085	270,388	248,650	351,340	310,508	169,589	278,927	519,296
9 Cheese—Produced..... pounds.....	90			1,350	100		200	
10 Sold..... pounds.....				1,000	40			
11 Value of dairy products, excluding home use of milk and cream..... dollars.....	134,453	247,634	179,518	177,965	190,629	69,501	132,238	243,767
12 Receipts from sale of dairy products..... dollars.....	90,586	194,677	151,105	121,197	134,267	34,383	76,194	209,184
Poultry Products								
13 Poultry—Raised..... number.....	245,935	247,184	177,418	232,931	315,715	121,280	334,935	180,004
14 Sold..... number.....	94,566	104,173	73,818	81,289	119,197	57,294	144,492	72,879
15 Eggs—Produced..... dozens.....	739,396	1,005,301	689,512	719,832	920,229	654,599	973,560	935,178
16 Sold..... dozens.....	486,123	499,395	499,183	393,929	595,653	529,691	674,500	640,298
17 Value of poultry and eggs produced..... dollars.....	261,181	313,619	212,938	226,871	322,964	169,680	333,807	230,862
18 Receipts from sale of poultry and eggs..... dollars.....	143,118	195,628	133,246	112,930	179,534	122,494	205,943	158,530
Honey and Wax								
19 Honey produced..... pounds.....	6,154	9,267	5,888	11,227	4,710	2,863	8,688	6,702
20 Wax produced..... pounds.....	45	55	115	170	333	36	332	600
21 Value of honey and wax produced..... dollars.....	1,194	1,426	1,055	2,223	909	472	1,653	1,006
Wool, Mohair, and Goat Hair								
22 Wool, fleeces shorn..... number.....	6,313	8,860	4,431	2,967	7,514	3,255	5,097	2,601
23 Mohair and goat hair, fleeces shorn..... number.....	10		5		3		18	
24 Value of wool and mohair produced..... dollars.....	11,992	18,702	7,660	5,588	12,362	5,164	10,089	4,596
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25 Calves—Sold or slaughtered..... number.....	2,010	4,445	3,019	2,853	2,573	1,468	2,241	4,265
26 Other cattle—Sold or slaughtered..... number.....	7,130	9,671	2,614	3,778	12,274	1,816	4,021	2,610
27 Horses, mules, and asses and burros—Sold..... number.....	1,412	2,746	1,143	1,143	612	2,535	1,385	513
28 Swine—Sold or slaughtered..... number.....	55,604	56,907	15,948	23,302	79,857	8,933	40,859	13,075
29 Sheep and goats—Sold or slaughtered..... number.....	6,941	6,955	3,133	1,472	-9,458	3,529	3,214	1,541
30 Receipts from sale of animals..... dollars.....	1,120,456	1,548,850	378,687	396,427	1,984,182	180,484	701,788	257,031
31 Value of animals slaughtered..... dollars.....	151,020	171,977	85,901	139,930	186,896	72,916	147,142	111,449

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

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

	Decatur.	Dekalb.	Delaware.	Dubois.	Elkhart.	Fayette.	Floyd.	Fountain.	Franklin.	Fulton.	Gibson.	Grant.	Greene.
1	1,329	1,722	1,841	1,920	2,283	724	1,017	1,359	1,522	1,609	1,777	1,859	2,680
2	<i>1,439</i>	<i>1,911</i>	<i>1,898</i>	<i>1,914</i>	<i>2,417</i>	<i>700</i>	<i>980</i>	<i>1,467</i>	<i>1,652</i>	<i>1,722</i>	<i>1,816</i>	<i>2,085</i>	<i>2,763</i>
3	69.1	68.4	63.1	85.0	71.6	64.3	83.6	64.8	72.0	71.2	61.7	64.4	76.2
4	<i>74.0</i>	<i>74.1</i>	<i>68.1</i>	<i>88.5</i>	<i>71.8</i>	<i>65.5</i>	<i>80.8</i>	<i>65.9</i>	<i>77.5</i>	<i>69.9</i>	<i>61.0</i>	<i>69.3</i>	<i>77.9</i>
5	144,609	144,869	144,650	230,867	177,466	81,828	65,070	145,907	167,160	143,912	174,774	150,024	236,219
6	118,599	117,072	125,857	157,857	150,568	61,760	42,888	117,323	108,280	118,368	155,866	130,210	191,566
7	10,250,338	11,195,264	14,477,321	7,300,809	15,709,684	5,972,779	3,089,575	13,686,764	6,451,126	10,589,502	12,247,711	16,599,399	9,932,310
8	1,148	1,300	1,325	1,643	1,854	557	902	977	1,295	1,251	1,115	1,452	2,038
9	181	422	516	277	429	167	115	382	227	418	682	407	642
10	1,280	1,644	1,826	1,795	2,194	704	885	1,325	1,398	1,610	1,625	1,807	2,608
11	49	78	13	124	89	18	121	34	124	59	92	26	67
12	2	1	3	1	1	2	11	1	1	59	60	26	5
13	581	782	1,053	307	876	337	191	706	582	651	1,092	993	814
14	<i>497</i>	<i>648</i>	<i>926</i>	<i>517</i>	<i>921</i>	<i>353</i>	<i>219</i>	<i>716</i>	<i>456</i>	<i>725</i>	<i>1,140</i>	<i>841</i>	<i>744</i>
15	30.2	31.1	36.1	13.7	27.5	34.4	15.7	33.7	27.5	27.8	37.9	34.4	23.2
16	<i>25.6</i>	<i>25.1</i>	<i>32.3</i>	<i>14.2</i>	<i>27.4</i>	<i>33.1</i>	<i>18.1</i>	<i>32.2</i>	<i>21.3</i>	<i>29.4</i>	<i>38.3</i>	<i>28.7</i>	<i>21.0</i>
17	75,630	75,138	92,843	28,928	89,801	49,061	13,500	89,623	71,840	73,859	96,035	90,949	71,244
18	63,291	60,014	81,726	20,791	74,458	40,887	8,931	75,134	48,434	60,949	87,110	79,263	61,629
19	5,931,380	5,567,425	8,839,458	1,043,630	7,455,486	3,766,021	694,500	3,817,495	3,608,275	5,246,632	6,567,581	9,826,394	3,998,931
20	424	612	684	235	683	297	102	548	429	467	964	658	605
21	23	29	73	16	24	24	7	52	28	40	56	46	64
22	111	131	253	55	73	49	80	98	102	40	43	233	105
23	23	10	43	1	96	17	2	8	23	98	29	50	40
24	577	771	1,040	303	853	382	181	694	576	648	1,049	976	806
25	4	11	10	4	22	4	7	12	6	2	11	8	5
26	3	3	3	1	1	1	3	1	1	1	32	14	3
27	18	14	24	15	29	15	8	33	9	23	13	34	22
28	<i>8</i>	<i>19</i>	<i>47</i>	<i>7</i>	<i>29</i>	<i>16</i>	<i>14</i>	<i>46</i>	<i>28</i>	<i>27</i>	<i>18</i>	<i>59</i>	<i>48</i>
29	2,932	1,896	2,990	2,781	3,203	2,411	2,135	5,415	1,732	3,016	1,693	5,884	7,610
30	2,394	1,563	2,766	1,979	2,857	1,813	619	4,452	1,256	2,820	1,561	4,677	5,780
31	275,500	217,500	338,720	130,400	303,400	296,975	66,100	516,025	96,000	281,545	104,880	608,240	432,900
32	865	971	1,065	1,330	1,315	438	722	810	999	787	945	1,243	1,767
33	437	734	752	585	946	278	299	533	519	652	811	592	886
34	27	17	24	5	22	8	5	10	4	30	21	24	27
35	341	512	484	461	724	103	246	339	408	564	420	408	620
36	2,212,930	2,900,079	3,579,630	1,620,635	4,623,622	1,495,535	631,650	2,080,890	1,431,480	3,355,954	2,301,500	3,186,295	2,494,170
37	567,373	629,346	845,932	439,657	1,050,674	353,675	171,109	586,869	400,064	737,570	518,787	673,492	578,438
38	25.6	21.7	23.6	27.1	22.7	23.6	27.1	19.7	27.0	22.0	22.5	21.1	23.2

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

1	4,967	7,691	9,052	6,196	11,201	2,933	2,932	4,026	6,667	8,033	6,069	8,609	6,696
2	4,486	7,543	8,666	5,914	10,750	2,925	2,930	4,905	6,614	7,011	6,044	8,138	8,464
3	1,400,707	2,779,681	2,814,769	1,293,672	4,383,378	971,781	1,066,046	1,560,356	2,126,780	2,812,562	1,627,674	2,937,043	2,103,218
4	103,304	171,043	607,441	182,826	1,373,511	107,220	185,207	84,457	114,984	847,708	89,387	452,636	124,781
5	3,213	20,416	48,126	4,560	83,395	4,528	11,415	1,270	3,895	53,935	3,323	21,063	1,475
6	14,137	148,182	73,556	26,292	193,917	11,610	14,109	4,413	90,561	278,474	10,084	70,601	.....
7	402,887	646,451	615,378	284,124	612,841	232,986	295,839	402,110	513,479	340,285	478,461	763,866	531,678
8	223,563	355,237	386,111	169,105	378,074	144,521	233,788	195,116	353,217	158,629	244,857	482,060	241,678
9	1,732	20	.....	402	175	1,834	1,492	.....	.....	.....	510	150	100
10	1,720	.....	.....	250	45	206	1,315	.....	.....	.....	400	160	.....
11	108,102	219,949	266,264	89,934	407,772	81,043	127,141	103,681	141,445	224,263	124,217	273,919	138,646
12	69,769	157,106	220,061	67,628	351,289	60,812	112,338	60,289	110,536	183,962	75,035	212,965	79,793
13	227,255	230,855	320,031	177,369	271,757	143,635	86,407	278,025	217,561	201,845	356,963	331,521	324,537
14	85,322	114,342	103,154	63,621	104,584	43,710	36,722	109,394	81,503	84,925	135,350	105,910	107,550
15	775,442	1,207,056	978,646	1,031,005	1,032,312	366,500	245,602	810,022	944,958	834,205	804,234	1,241,636	1,071,122
16	549,050	912,651	701,663	828,339	719,924	224,034	101,994	728,034	621,837	507,355	521,550	921,650	744,251
17	273,129	355,150	329,853	243,827	338,253	132,146	87,074	285,545	260,591	259,646	296,276	370,971	852,602
18	157,942	245,329	187,800	170,080	197,683	65,232	48,486	145,605	172,902	174,889	153,357	223,138	202,718
19	2,606	6,340	2,196	2,535	8,357	2,044	2,219	6,050	10,470	8,462	8,542	3,987	14,842
20	12	198	15	133	1,093	67	15	58	151	360	79	93	228
21	493	962	370	451	1,386	368	416	1,125	853	1,231	1,493	709	2,678
22	5,918	23,028	10,322	2,271	12,790	4,524	288	8,213	6,912	13,050	6,122	11,082	7,755
23	16	3	.....	.....	.....	.....	.....	2	68	30	.....	4	5
24	10,678	49,308	21,535	4,197	23,762	8,611	483	15,442	12,422	25,644	11,973	24,120	13,864
25	3,136	2,804	3,419	3,241	5,237	874	2,588	1,500	3,345	3,518	2,670	3,026	3,619
26	10,017	3,617	8,132	2,428	5,098	3,064	3,923	5,156	3,287	7,037	4,557	7,230	10,952
27	7,874	901	1,891	774	2,345	775	249	1,880	926	1,363	1,405	1,661	1,666
28	56,658	35,919	73,512	23,109	25,901	38,244	6,110	54,960	35,342	36,735	48,222	85,284	38,866
29	6,000	14,727	7,066	1,357	15,764	2,417	506	9,430	4,985	9,915	6,006	7,729	11,938
30	2,508,833	642,232	1,464,745	303,638	843,588	728,538	199,091	1,096,895	660,178	909,187	795,607	1,524,171	1,059,018
31	81,138	135,013	154,401	166,423	203,305	67,281	73,462	142,784	105,428	121,211	154,722	150,438	162,645

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

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

	Hamilton.	Hancock.	Harrison.	Hendricks.	Henry.	Howard.	Huntington.	Jackson.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	1,954	1,368	2,009	2,001	1,653	1,728	2,039
2	Number of farms in 1900.....	<i>2,001</i>	<i>1,449</i>	<i>2,697</i>	<i>2,001</i>	<i>1,785</i>	<i>1,843</i>	<i>2,144</i>
3	Per cent of all farms.....	65.1	63.5	84.2	71.8	64.2	66.1	73.3
4	Per cent of all farms in 1900.....	<i>67.5</i>	<i>65.4</i>	<i>83.3</i>	<i>69.8</i>	<i>66.3</i>	<i>67.4</i>	<i>76.2</i>
5	Land in farms..... acres.....	149,186	108,203	244,236	179,974	144,573	143,365	226,887
6	Improved land in farms..... acres.....	129,477	94,442	162,437	147,722	127,599	119,929	167,447
7	Value of land and buildings..... dollars.....	17,061,596	11,741,487	6,474,843	18,169,254	14,524,290	14,077,674	11,167,305
Degree of ownership:								
8	Farms consisting of owned land only.....	1,503	935	2,229	1,616	1,270	1,198	1,407
9	Farms consisting of owned and hired land.....	451	433	380	385	383	383	632
Color and nativity of owners:								
10	Native white.....	1,915	1,342	2,489	1,954	1,633	1,663	1,912
11	Foreign-born white.....	17	26	101	35	15	30	126
12	Negro and other nonwhite.....	22	.....	19	12	6	1	1
FARMS OPERATED BY TENANTS								
13	Number of farms.....	1,008	764	469	764	896	899	717
14	Number of farms in 1900.....	<i>979</i>	<i>745</i>	<i>510</i>	<i>849</i>	<i>844</i>	<i>825</i>	<i>643</i>
15	Per cent of all farms.....	33.6	35.5	15.1	27.4	34.8	33.2	25.8
16	Per cent of all farms in 1900.....	<i>31.6</i>	<i>33.6</i>	<i>15.8</i>	<i>29.6</i>	<i>32.4</i>	<i>30.7</i>	<i>23.9</i>
17	Land in farms..... acres.....	87,581	74,849	42,387	71,154	94,009	67,144	64,450
18	Improved land in farms..... acres.....	75,500	66,030	27,941	58,770	81,460	58,959	51,327
19	Value of land and buildings..... dollars.....	9,558,787	7,553,755	1,190,569	7,077,870	8,935,785	8,289,722	4,089,255
Form of tenancy:								
20	Share tenants.....	734	574	398	356	631	487	551
21	Share-cash tenants.....	52	73	9	84	69	101	37
22	Cash tenants.....	208	81	61	233	101	204	50
23	Tenure not specified.....	14	36	1	91	95	61	79
Color and nativity of tenants:								
24	Native white.....	993	759	463	759	888	784	703
25	Foreign-born white.....	6	5	3	2	.....	5	14
26	Negro and other nonwhite.....	9	.....	3	3	8	3	.....
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	41	22	22	21	27	25	24
28	Number of farms in 1900.....	<i>26</i>	<i>21</i>	<i>30</i>	<i>17</i>	<i>32</i>	<i>15</i>	<i>29</i>
29	Land in farms..... acres.....	6,612	3,138	1,732	3,031	5,850	3,153	3,260
30	Improved land in farms..... acres.....	5,617	2,835	1,218	2,277	5,023	2,899	2,340
31	Value of land and buildings..... dollars.....	703,970	310,435	68,550	340,075	611,540	418,710	237,590
MORTGAGE DEBT REPORTS¹								
For all farms operated by owners:								
32	Number free from mortgage debt.....	1,066	918	1,563	1,092	956	916	1,437
33	Number with mortgage debt.....	880	428	1,041	729	669	711	598
34	Number with no mortgage report.....	8	22	5	180	23	17	16
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	644	235	838	528	470	467	352
36	Value of their land and buildings..... dollars.....	5,193,204	1,869,332	1,909,330	4,449,050	3,658,821	3,796,973	1,522,440
37	Amount of mortgage debt..... dollars.....	1,004,646	427,800	541,370	974,612	832,283	747,328	354,390
38	Per cent of value of land and buildings.....	19.3	23.0	28.4	21.9	22.7	19.7	23.3

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products..... number.....	9,838	6,099	6,684	7,294	7,048	6,759	8,418	5,522
2	Dairy cows on farms reporting milk produced..... number.....	6,481	5,821	6,044	7,094	6,947	6,053	8,359	5,478
3	Milk—Produced..... gallons.....	2,452,503	2,083,514	2,178,210	2,841,238	2,305,597	1,925,957	2,942,055	1,626,825
4	Sold..... gallons.....	929,025	134,278	19,756	580,214	264,330	507,341	215,310	125,624
5	Cream sold..... gallons.....	38,446	31,823	4,790	11,341	26,031	10,201	27,552	1,711
6	Butter fat sold..... pounds.....	179,050	42,011	128,254	37,592	29,430	23,236	261,188	1,258
7	Butter—Produced..... pounds.....	573,113	606,558	612,674	677,093	593,751	450,761	550,001	498,844
8	Sold..... pounds.....	368,403	425,106	432,186	407,077	381,857	256,388	288,540	269,249
9	Cheese—Produced..... pounds.....	.....	.....	230	.....	.....	100	2,880	109
10	Sold..... pounds.....	.....	.....	50	.....	.....	50	2,344	60
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	317,267	175,627	152,013	250,297	197,177	185,750	240,858	124,005
12	Receipts from sale of dairy products..... dollars.....	276,028	137,828	118,281	193,679	152,018	144,065	170,318	77,284
Poultry Products									
13	Poultry—Raised..... number.....	365,405	274,946	258,650	354,510	317,377	284,512	279,515	220,236
14	Sold..... number.....	123,426	91,566	106,065	123,101	98,047	102,555	100,105	89,629
15	Eggs—Produced..... dozens.....	1,004,566	798,639	1,118,878	1,308,327	1,050,898	772,634	1,235,335	914,521
16	Sold..... dozens.....	745,924	531,050	902,528	872,649	759,950	505,482	910,078	668,532
17	Value of poultry and eggs produced..... dollars.....	363,657	261,915	292,520	395,521	343,292	285,805	351,488	269,550
18	Receipts from sale of poultry and eggs..... dollars.....	200,857	146,440	200,446	214,611	195,648	153,360	221,821	173,385
Honey and Wax									
19	Honey produced..... pounds.....	1,359	1,214	5,806	2,400	2,985	1,608	13,242	11,270
20	Wax produced..... pounds.....	39	40	35	.....	0	25	455	23
21	Value of honey and wax produced..... dollars.....	230	244	971	355	502	259	2,100	1,962
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn..... number.....	5,542	5,135	2,794	8,392	8,628	5,543	10,805	2,695
23	Mohair and goat hair, fleeces shorn..... number.....	.....	.....	21	1	16	12	11	60
24	Value of wool and mohair produced..... dollars.....	11,327	10,343	4,696	17,001	17,883	11,124	25,008	4,377
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered..... number.....	5,187	2,895	3,170	4,485	2,304	2,333	2,402	2,480
26	Other cattle—Sold or slaughtered..... number.....	7,498	4,390	2,441	9,200	7,624	5,332	5,494	3,719
27	Horses, mules, and asses and burros—Sold..... number.....	2,398	1,373	832	3,721	1,742	1,258	1,464	1,404
28	Swine—Sold or slaughtered..... number.....	86,495	64,172	21,562	68,696	77,842	69,997	57,037	27,329
29	Sheep and goats—Sold or slaughtered..... number.....	4,194	3,226	2,592	7,339	0,285	4,290	7,792	1,855
30	Receipts from sale of animals..... dollars.....	1,697,373	1,087,870	303,057	1,850,149	1,500,408	1,182,008	1,045,125	605,080
31	Value of animals slaughtered..... dollars.....	191,489	123,619	150,895	131,178	138,912	148,776	160,790	144,191

AGRICULTURE—INDIANA.

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

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

	Jasper.	Jay.	Jefferson.	Jennings.	Johnson.	Knox.	Kosciusko.	Lagrange.	Lake.	Laporte.	Lawrence.	Madison.	Marion.
1	835	1,832	1,971	1,583	1,301	1,021	2,315	1,504	1,043	1,711	1,913	2,056	2,017
2	1,006	1,915	1,922	1,709	1,302	1,009	2,020	1,592	1,120	1,832	1,809	2,139	2,165
3	48.7	64.6	76.8	73.4	64.2	58.6	68.8	70.9	57.5	67.5	81.7	63.1	62.1
4	53.7	67.2	76.0	80.0	66.3	60.0	71.5	74.2	66.3	72.0	80.4	63.9	63.0
5	126,222	143,702	174,275	169,251	119,289	183,183	201,160	152,849	109,855	189,509	209,288	158,222	124,881
6	93,239	122,553	112,735	123,893	100,754	161,371	159,303	117,197	90,843	149,138	140,300	137,204	105,014
7	8,636,952	12,525,928	5,890,995	6,091,604	13,230,387	15,067,154	16,062,043	10,635,811	9,846,373	11,909,614	5,659,523	16,101,454	22,968,264
8	654	1,347	1,721	1,260	891	1,127	1,941	1,195	830	1,888	1,609	1,504	1,603
9	181	485	250	323	410	494	374	309	213	323	304	552	414
10	669	1,780	1,896	1,485	1,290	1,510	2,253	1,461	666	1,192	1,893	2,029	1,769
11	166	51	60	82	10	108	62	43	377	516	16	25	234
12	-----	1	15	16	1	3	-----	-----	-----	3	4	2	14
13	846	982	571	419	716	1,122	1,009	601	744	770	399	1,165	1,184
14	819	908	569	399	677	1,067	877	540	560	691	421	1,162	1,136
15	40.4	34.6	22.3	20.7	35.4	40.5	30.0	28.3	41.0	30.7	17.0	35.8	36.4
16	43.8	51.9	22.5	18.7	33.0	39.4	27.7	25.2	52.9	26.4	18.7	34.7	34.5
17	146,824	87,755	42,629	45,908	76,962	121,404	109,161	75,359	100,724	141,603	45,227	105,942	87,143
18	114,861	74,012	27,323	33,119	65,821	104,527	86,352	57,718	84,673	111,257	28,764	92,302	73,717
19	9,777,266	6,915,950	1,353,655	1,649,510	8,751,859	9,044,305	8,420,405	5,041,182	8,678,865	9,632,935	1,231,039	10,503,511	14,834,904
20	538	750	442	342	489	916	844	455	178	573	201	725	406
21	175	69	21	16	71	72	9	6	43	42	13	66	87
22	122	133	85	59	153	78	101	36	510	85	57	231	606
23	11	25	23	2	3	50	55	104	13	79	33	143	85
24	750	977	563	407	716	1,100	1,002	590	568	690	399	1,153	1,079
25	87	4	3	7	-----	15	-----	11	175	70	-----	8	54
26	-----	1	5	5	-----	7	-----	-----	1	1	-----	1	21
27	32	22	23	13	8	24	41	15	27	46	30	37	49
28	49	25	33	27	14	17	39	13	40	40	21	45	26
29	33,982	3,734	2,668	4,452	1,152	4,500	6,512	2,868	14,125	9,486	5,284	5,693	6,486
30	12,936	3,208	1,993	2,933	908	3,464	4,608	2,008	10,856	6,726	3,401	4,618	5,161
31	1,303,110	426,230	123,700	166,040	121,950	473,300	473,630	219,320	877,265	838,800	189,240	543,900	1,519,000
32	351	1,021	1,206	958	767	949	1,207	808	715	1,023	1,251	1,269	1,337
33	452	788	755	621	518	645	1,004	688	308	667	642	756	633
34	32	23	10	4	16	27	14	8	20	21	20	31	47
35	331	523	628	467	312	363	779	510	221	491	499	498	451
36	3,131,756	3,416,106	1,785,270	1,855,725	2,544,440	3,295,752	4,936,850	3,298,120	2,054,705	2,957,730	1,439,071	3,673,365	4,399,315
37	751,633	755,789	465,594	414,354	544,227	594,994	1,142,360	796,461	521,225	735,161	339,406	776,536	854,723
38	24.0	22.1	26.1	22.3	21.4	27.2	23.1	24.1	25.4	24.9	23.6	21.1	19.4

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

1	7,241	6,901	5,325	4,631	6,419	6,926	10,065	6,557	12,071	10,908	4,991	9,540	10,703
2	7,207	6,868	5,140	4,608	6,300	6,387	9,418	6,026	10,937	10,248	4,376	9,440	9,949
3	2,207,838	2,519,087	1,756,722	1,310,511	2,164,577	1,719,589	3,201,785	2,430,872	4,811,515	3,447,685	1,199,784	3,195,074	4,453,141
4	400,092	146,013	207,323	46,340	470,067	310,396	353,753	69,381	3,242,814	959,876	109,455	462,601	2,605,591
5	42,132	12,045	1,313	980	15,343	1,795	33,657	18,560	16,072	57,408	10,376	20,988	21,397
6	92,154	62,644	39,586	12,253	28,579	1,526	298,400	385,042	92,463	51,158	5,550	109,366	19,557
7	265,757	619,343	426,690	360,434	491,749	474,458	630,696	309,770	284,288	623,268	355,121	680,707	787,542
8	101,464	355,488	244,597	195,705	295,398	258,341	313,232	144,410	129,114	368,395	181,414	443,948	584,272
9	-----	-----	1,482	590	100	-----	823	-----	235	445	120	-----	50
10	-----	-----	1,350	590	60	-----	103	-----	-----	-----	120	-----	40
11	168,205	166,975	121,785	86,344	197,020	157,769	269,287	189,347	512,872	340,799	104,826	259,330	695,995
12	132,820	114,447	86,132	53,473	151,460	111,577	203,406	163,329	480,371	283,295	69,577	208,527	645,434
13	192,695	315,250	183,308	188,492	304,488	357,534	308,281	177,032	180,527	215,333	163,973	365,094	323,793
14	83,321	115,117	72,367	72,717	107,298	118,833	114,877	80,864	68,024	77,704	49,684	104,130	108,959
15	632,133	1,329,402	827,016	803,329	957,616	874,915	1,449,096	911,201	676,540	798,745	530,031	1,052,371	818,798
16	404,504	1,037,066	640,444	597,620	443,723	530,547	671,391	427,411	458,244	468,245	408,235	759,156	490,692
17	229,409	393,143	228,547	235,304	269,612	322,933	415,010	269,569	225,347	298,666	185,854	375,008	327,793
18	136,814	255,135	154,199	140,372	141,325	166,080	266,291	181,211	123,132	134,030	105,939	200,693	158,515
19	38,723	9,418	4,900	5,089	2,189	18,053	8,221	3,663	19,092	0,734	7,855	2,575	2,126
20	675	99	75	12	-----	64	182	41	396	112	568	35	57
21	4,682	1,209	678	928	430	2,914	1,218	488	2,479	1,447	1,597	437	384
22	3,241	12,886	4,164	4,181	5,610	4,026	17,002	26,820	4,646	5,539	4,769	5,319	2,408
23	-----	2	1	-----	5	-----	2	24	-----	-----	228	-----	-----
24	6,550	26,293	6,778	6,894	10,759	6,943	34,845	52,030	7,652	12,754	7,970	10,082	4,739
25	3,228	2,253	2,490	2,076	3,400	2,712	4,563	2,539	7,744	6,260	1,452	4,107	6,638
26	8,195	5,997	3,079	1,956	9,675	6,402	8,899	4,125	3,544	4,273	5,512	9,094	8,483
27	1,204	1,681	939	974	3,569	2,488	2,740	1,471	1,179	864	1,874	1,767	1,610
28	37,952	49,048	14,088	17,188	50,367	64,058	56,977	32,418	10,930	22,535	17,090	85,330	29,866
29	4,158	10,257	2,629	4,873	4,140	3,878	15,391	23,570	3,825	2,816	4,145	4,987	2,689
30	1,020,182	993,001	342,521	343,015	1,427,356	1,311,203	1,513,158	847,071	457,895	547,781	521,316	1,629,612	994,845
31	94,610	154,604	87,244	72,655	101,798	162,142	183,479	106,908	87,633	95,774	88,147	172,694	118,015

AGRICULTURE—INDIANA.

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

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

	Marshall.	Martin.	Miami.	Monroe.	Montgomery.	Morgan.	Newton.	Noble.
FARMS OPERATED BY OWNERS								
1	2,044	1,404	1,598	1,786	1,714	1,915	412	1,897
2	<i>2,086</i>	<i>1,648</i>	<i>1,695</i>	<i>1,887</i>	<i>1,896</i>	<i>1,861</i>	<i>677</i>	<i>1,846</i>
3	72.7	80.6	67.7	81.2	61.1	69.5	41.1	69.0
4	<i>72.7</i>	<i>78.0</i>	<i>70.7</i>	<i>81.5</i>	<i>65.5</i>	<i>72.8</i>	<i>51.8</i>	<i>75.0</i>
5	183,687	153,009	142,269	181,980	175,820	163,280	73,818	171,910
6	143,112	110,423	117,126	117,590	142,641	114,075	63,794	134,335
7	13,514,438	3,595,482	13,521,901	5,070,128	18,168,154	9,562,241	7,423,638	13,174,310
Degree of ownership:								
8	1,542	1,134	1,224	1,542	1,358	1,528	315	1,409
9	502	270	374	244	356	387	97	488
Color and nativity of owners:								
10	1,927	1,381	1,561	1,751	1,691	1,886	351	1,810
11	117	23	29	33	22	24	61	87
12			8	2	1	5		
FARMS OPERATED BY TENANTS								
13	741	331	740	380	1,073	785	549	831
14	<i>752</i>	<i>322</i>	<i>679</i>	<i>391</i>	<i>922</i>	<i>662</i>	<i>515</i>	<i>695</i>
15	26.3	19.0	31.4	17.3	38.3	28.5	54.8	30.2
16	<i>26.3</i>	<i>21.8</i>	<i>22.2</i>	<i>17.4</i>	<i>33.9</i>	<i>26.0</i>	<i>46.3</i>	<i>24.8</i>
17	79,908	33,963	82,837	41,514	128,838	67,424	122,481	80,440
18	60,889	22,028	68,068	27,212	106,114	51,302	109,491	62,467
19	5,752,805	762,511	7,864,285	1,852,620	12,815,731	4,763,923	12,832,895	6,055,645
Form of tenancy:								
20	612	175	596	289	554	554	335	641
21	16	8	20	11	236	75	100	24
22	87	26	82	74	237	134	56	81
23	26	122	36	6	46	22	58	85
Color and nativity of tenants:								
24	727	330	734	373	1,070	780	503	810
25	14	1	4	2	3	4	46	12
26			2	5		1		
FARMS OPERATED BY MANAGERS								
27	28	7	22	34	17	54	41	21
28	<i>32</i>	<i>15</i>	<i>26</i>	<i>24</i>	<i>17</i>	<i>31</i>	<i>21</i>	<i>19</i>
29	4,511	2,905	4,358	5,047	2,537	9,557	35,036	3,409
30	3,397	1,957	3,250	3,357	2,232	6,525	20,574	2,495
31	389,230	147,100	535,335	197,710	261,500	681,713	1,848,258	315,800
MORTGAGE DEBT REPORTS¹								
For all farms operated by owners:								
32	1,042	928	961	1,134	910	1,194	189	1,131
33	975	407	627	631	786	689	193	754
34	27	11	10	21	18	32	25	12
For farms consisting of owned land only:								
35	667	359	439	535	563	509	134	487
36	3,072,340	921,557	3,406,390	1,537,193	5,430,064	2,748,750	2,598,727	3,256,420
37	863,555	202,033	711,758	329,703	1,366,798	607,793	534,200	702,083
38	24.3	21.9	20.9	21.5	25.2	22.1	20.6	23.4

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	9,958	3,839	7,981	4,813	7,006	5,866	3,880	8,095
2	9,911	3,893	7,860	4,707	6,779	5,854	2,960	7,689
3	3,425,852	866,384	2,436,337	1,398,442	2,059,943	2,070,022	952,120	2,737,074
4	361,935	9,234	391,327	165,139	144,376	514,900	203,448	144,733
5	28,538	150	50,498	1,174	6,350	18,955	9,029	49,635
6	416,089	75	157,578		14,492	29,994	32,171	159,973
7	372,543	246,694	391,101	400,012	602,377	419,632	173,529	578,303
8	173,613	82,355	193,012	201,341	315,075	217,371	74,511	330,456
9	52					300		650
10	52					300		600
11	267,248	48,300	213,454	116,479	172,780	188,307	77,478	222,057
12	221,376	17,624	169,692	73,550	112,347	145,440	57,316	169,240
Poultry Products								
13	233,724	132,018	252,689	176,255	387,508	272,478	124,928	254,241
14	101,013	58,684	83,417	59,602	115,774	90,495	48,903	132,018
15	1,010,434	541,108	1,041,372	507,892	1,076,477	974,447	335,545	1,051,701
16	727,463	412,632	764,677	350,756	673,591	680,167	168,395	818,241
17	300,070	161,988	323,355	171,076	380,190	295,027	127,175	314,809
18	187,717	108,231	194,073	97,963	187,123	173,679	58,932	219,871
Honey and Wax								
19	8,359	1,474	8,001	4,246	7,642	7,708	20,135	4,861
20	87		162	35	60	85	2,409	122
21	1,304	250	1,134	822	1,364	1,404	3,058	769
Wool, Mohair, and Goat Hair								
22	12,183	6,170	7,524	5,060	14,677	4,150	1,593	22,683
23		32		17	23	52	180	
24	23,909	10,922	14,922	8,151	25,184	7,044	3,251	41,407
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	6,208	964	2,524	1,757	2,316	2,941	1,130	2,567
26	5,667	3,463	6,721	3,524	9,549	5,612	5,922	8,956
27	1,923	825	1,376	859	3,723	2,222	612	1,765
28	38,805	13,148	53,627	14,863	82,906	39,389	13,093	47,824
29	11,595	3,758	5,597	3,322	14,919	4,745	3,807	26,531
30	936,589	310,143	1,052,492	337,608	1,902,889	962,606	571,476	1,334,151
31	166,310	78,885	138,688	82,247	178,879	115,069	53,659	138,361

AGRICULTURE—INDIANA.

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

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

	Ohio.	Orange.	Owen.	Parke.	Perry.	Pike.	Porter.	Posey.	Pulaski.	Putnam.	Randolph.	Ripley.	Rush.
1	404	1,921	1,653	1,680	1,722	1,881	1,332	1,107	1,107	2,075	2,061	2,558	1,258
2	361	1,979	1,752	1,613	1,741	2,019	1,398	1,264	1,290	2,056	2,213	2,481	1,534
3	62.0	80.9	83.4	69.0	88.4	77.1	69.6	56.1	63.1	70.1	62.6	85.2	58.7
4	66.5	82.7	82.0	70.0	84.8	75.2	72.7	68.5	60.8	71.3	64.2	84.5	61.0
5	38,332	191,749	192,595	173,220	193,482	152,542	130,977	128,125	150,470	195,153	163,374	230,187	143,845
6	29,780	121,857	130,480	109,806	99,062	132,151	109,897	114,147	111,635	132,403	140,540	174,967	125,208
7	1,454,693	4,860,549	6,476,710	10,467,899	3,743,135	6,345,168	10,101,737	8,950,063	8,313,511	11,855,072	15,291,982	8,054,015	10,057,155
8	366	1,695	1,432	1,256	1,578	1,286	1,073	825	806	1,628	1,468	2,361	946
9	38	226	221	433	144	595	259	372	301	447	593	197	312
10	363	1,910	1,630	1,643	1,589	1,846	842	1,114	976	2,054	2,016	2,292	1,229
11	39	10	22	41	130	34	490	80	221	17	19	263	13
12	2	1	1	5	3	1	.....	.....	.....	4	26	3	16
13	242	425	315	731	219	551	566	927	675	758	1,223	412	869
14	188	404	352	680	808	659	512	835	624	794	1,225	440	857
15	37.1	17.9	15.9	29.9	11.2	22.6	29.6	43.5	35.6	25.6	37.1	13.7	40.6
16	34.1	16.9	16.5	29.5	14.9	24.5	26.6	40.8	32.1	27.5	35.5	15.0	36.9
17	14,027	40,376	35,940	78,386	18,697	36,754	92,676	109,525	99,304	74,111	115,715	37,810	107,531
18	12,180	25,379	24,304	54,083	10,038	31,930	74,330	97,059	75,706	50,973	98,959	27,333	94,773
19	677,301	1,035,617	1,132,170	5,078,404	371,515	1,577,921	6,401,017	7,420,217	5,732,837	4,383,340	10,411,912	1,264,995	11,418,020
20	212	389	183	437	174	445	317	744	543	425	693	256	621
21	13	13	31	145	5	72	21	71	55	138	55	13	104
22	15	22	52	40	40	33	163	102	69	178	127	114	116
23	2	1	49	54	.....	1	65	10	18	17	48	29	28
24	230	424	312	719	212	550	483	902	634	756	1,210	406	855
25	4	1	2	11	4	.....	83	15	41	2	3	6	8
26	8	.....	1	1	3	1	.....	10	.....	.....	10	.....	6
27	6	28	13	28	7	8	17	9	26	129	9	31	16
28	8	9	32	70	7	7	12	18	22	34	10	14	46
29	465	5,698	2,413	4,786	760	5,427	6,676	1,184	8,396	23,135	1,243	5,174	2,496
30	445	2,539	1,101	2,852	476	4,297	1,903	1,137	6,443	15,192	1,088	3,982	1,920
31	24,760	243,850	95,970	343,900	17,500	152,640	551,275	92,000	476,685	1,347,363	126,400	228,520	341,660
32	264	1,420	1,114	1,037	1,288	1,143	755	815	560	1,294	1,064	1,700	824
33	139	497	529	432	432	730	560	373	588	755	974	825	407
34	1	4	10	20	2	8	17	9	49	26	23	33	27
35	114	430	438	416	388	461	412	203	403	528	604	728	255
36	360,358	1,184,537	1,618,555	2,356,120	724,350	1,517,861	3,049,190	1,445,660	2,952,283	2,639,325	4,250,767	2,243,225	2,955,240
37	114,610	268,770	469,246	558,973	178,634	372,565	795,754	405,445	756,305	585,929	1,077,754	588,246	660,057
38	31.8	22.7	29.0	23.7	24.7	24.5	26.1	28.0	25.6	22.2	25.4	26.2	22.3

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

1	1,705	5,141	4,586	5,059	3,792	4,023	11,491	4,061	6,450	5,377	9,337	9,910	5,419
2	1,703	5,140	4,521	5,041	2,926	3,996	11,071	1,776	6,245	4,777	9,233	9,777	5,358
3	529,141	1,641,582	1,389,116	1,908,278	735,110	1,256,881	4,634,013	495,956	1,768,315	1,575,302	3,070,597	3,069,773	1,823,706
4	7,673	97,332	35,023	62,760	42,197	30,573	3,198,711	92,518	66,641	74,868	367,392	856,787	55,336
5	10	9,590	1,034	2,650	.....	74	8,679	1,071	22,757	659	28,448	9,538	7,781
6	.....	25,539	2,742	22,611	.....	21,078	1,825	10,660	124,096	1,068	119,664	177,300	6,132
7	173,860	523,660	350,300	420,293	277,388	377,567	414,214	332,105	273,647	448,248	661,131	511,942	523,643
8	124,721	320,276	188,128	187,133	120,588	154,873	242,270	192,460	98,371	189,394	409,446	331,193	290,496
9	.....	160	.....	100	.....	.....	383	65	.....	.....	10,736	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	30	.....	.....	8,628	.....	.....
11	36,170	136,898	76,185	108,018	63,507	80,161	527,133	92,124	114,929	112,778	219,646	274,212	121,852
12	26,624	93,971	43,854	59,982	34,273	39,099	485,510	63,939	78,938	59,228	168,384	237,184	75,877
13	44,024	177,889	170,183	251,661	118,578	248,702	160,293	182,146	187,339	321,665	362,569	244,545	359,037
14	16,779	64,254	59,646	82,983	46,242	93,730	64,333	65,572	74,997	106,581	105,805	93,812	116,912
15	228,570	954,638	540,091	886,251	596,053	695,833	576,219	473,201	625,994	1,482,263	1,297,765	1,359,664	805,709
16	183,166	821,740	375,648	528,374	451,337	503,340	350,555	204,729	442,604	1,004,317	987,914	1,100,258	473,393
17	64,198	259,797	178,486	302,676	149,514	225,483	190,196	154,121	230,857	436,062	420,636	369,090	316,250
18	44,796	188,069	101,232	148,682	99,744	137,107	102,161	74,962	139,875	253,905	242,851	260,917	182,137
19	1,054	5,617	5,861	5,666	1,450	4,346	39,753	14,367	12,000	8,360	5,693	3,742	2,265
20	37	100	25	11	5	194	1,011	79	195	209	222	94	.....
21	134	913	1,067	1,077	201	689	3,842	2,051	1,659	1,598	891	584	469
22	2,061	5,488	8,553	9,368	2,049	4,692	3,325	2,185	5,899	15,096	8,370	2,627	7,020
23	.....	1	24	16	.....	.....	20	.....	.....	153	10	.....	.....
24	3,623	9,961	14,508	16,388	2,982	8,028	7,209	4,466	11,815	25,612	17,296	4,148	13,582
25	1,047	3,110	1,695	1,706	1,433	2,157	7,201	2,151	3,736	1,035	3,554	5,289	2,360
26	844	5,461	5,099	5,674	1,662	6,646	4,254	3,422	5,894	9,199	7,911	3,056	9,619
27	232	1,466	875	1,594	465	1,255	799	2,243	1,118	2,785	2,644	829	2,691
28	3,470	18,534	19,773	42,946	11,381	44,515	17,886	28,464	30,431	59,927	88,111	21,631	114,996
29	897	5,323	6,618	7,978	1,719	5,451	2,346	1,224	6,271	12,346	6,595	1,295	11,014
30	91,010	452,014	467,380	930,233	167,659	755,511	491,275	630,154	751,363	1,351,371	1,721,019	429,287	2,390,998
31	26,325	112,522	83,759	116,602	85,396	126,083	85,660	122,558	96,905	170,678	199,526	117,490	147,982

AGRICULTURE—INDIANA.

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

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

	St. Joseph.	Scott.	Shelby.	Spencer.	Starke.	Steuben.	Sullivan.	Switzer-land.	Tippeca-noe.
FARMS OPERATED BY OWNERS									
1	1,745	974	1,078	1,814	961	1,322	2,181	1,233	1,441
2	<i>1,818</i>	<i>1,018</i>	<i>1,099</i>	<i>1,939</i>	<i>988</i>	<i>1,470</i>	<i>2,320</i>	<i>1,153</i>	<i>1,507</i>
3	70.9	74.6	61.9	63.9	69.5	69.6	74.9	68.8	68.7
4	<i>70.0</i>	<i>73.6</i>	<i>60.5</i>	<i>66.2</i>	<i>71.4</i>	<i>75.2</i>	<i>71.6</i>	<i>64.3</i>	<i>69.9</i>
5	153,141	85,800	142,330	169,042	96,932	117,581	185,909	100,480	153,296
6	128,615	64,062	127,395	140,096	64,454	90,562	159,682	75,337	133,707
7	13,583,214	3,067,538	10,461,369	7,075,400	4,863,235	7,559,221	11,665,460	3,258,933	10,046,548
Degree of ownership:									
8	1,372	664	1,122	1,469	769	984	1,584	1,018	1,104
9	373	310	551	345	192	338	597	215	337
Color and nativity of owners:									
10	1,457	961	1,027	1,636	575	1,305	2,145	1,199	1,267
11	286	13	43	106	384	17	30	31	174
12	2		3	22	2		6	3	
FARMS OPERATED BY TENANTS									
13	676	288	991	1,093	407	571	711	555	947
14	<i>759</i>	<i>253</i>	<i>1,074</i>	<i>985</i>	<i>380</i>	<i>479</i>	<i>892</i>	<i>641</i>	<i>966</i>
15	27.5	22.1	36.7	35.5	29.5	30.1	24.4	31.0	38.6
16	<i>29.0</i>	<i>19.3</i>	<i>36.5</i>	<i>34.8</i>	<i>27.5</i>	<i>24.6</i>	<i>27.5</i>	<i>35.6</i>	<i>33.3</i>
17	83,399	19,428	104,023	93,254	59,034	65,581	64,243	35,992	133,196
18	67,207	14,512	62,103	66,623	39,770	49,135	53,860	27,322	119,141
19	8,039,115	634,932	11,302,393	3,026,345	2,934,520	3,057,433	4,147,132	1,355,500	13,500,335
Form of tenancy:									
20	477	248	780	881	203	488	503	398	531
21	15	18	61	21	15	20	73	18	109
22	113	22	77	60	63	54	68	82	149
23	71		67	47	36	3	67	107	108
Color and nativity of tenants:									
24	622	288	982	950	341	568	702	552	847
25	54		7	11	66	2	5	2	100
26			2	48		1	4	1	
FARMS OPERATED BY MANAGERS									
27	39	44	33	18	14	6	21	4	68
28	<i>37</i>	<i>3</i>	<i>34</i>	<i>30</i>	<i>13</i>	<i>7</i>	<i>27</i>	<i>3</i>	<i>45</i>
29	11,923	6,044	5,541	3,403	2,043	799	4,857	384	12,813
30	9,721	4,227	4,653	2,344	1,008	511	3,276	351	10,606
31	1,299,790	203,110	593,200	125,460	131,700	50,604	181,430	8,225	1,438,235
MORTGAGE DEBT REPORTS									
For all farms operated by owners:									
32	987	577	952	1,189	475	652	1,347	766	917
33	738	396	604	611	469	666	811	457	510
34	20	1	27	14	17	4	23	10	14
For farms consisting of owned land only:									
35	625	238	407	428	360	445	494	355	362
36	3,250,786	700,178	3,355,610	1,836,050	1,743,720	2,365,330	2,353,129	870,000	3,834,000
37	789,349	172,097	745,709	446,243	480,033	562,431	554,544	255,338	877,050
38	24.2	24.6	22.2	24.8	27.8	23.4	23.5	29.4	22.9

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	10,351	2,203	7,264	5,578	4,439	4,093	5,637	3,630	7,404
2	10,242	1,858	7,002	5,451	3,463	4,448	5,561	3,360	7,336
3	4,189,442	601,837	2,257,516	1,079,327	1,095,977	1,081,170	1,701,033	1,228,335	2,206,383
4	1,385,211	2,995	338,766	162,854	313,490	69,040	132,520	24,753	456,351
5	15,589		5,076	1,420	17,866	18,434	113	225	5,500
6	205,717	508	34,983	72,203	46,388	10,020		4,024	7,870
7	596,877	214,357	632,980	425,170	172,190	535,839	515,377	458,257	524,852
8	410,318	110,544	392,321	232,906	97,917	305,702	244,635	301,951	276,857
9	3,962		600		56				
10	2,626		600						
11	411,003	41,022	206,594	120,225	99,801	139,591	141,439	90,585	103,504
12	365,172	22,043	157,870	92,003	84,389	93,576	79,712	61,523	138,822
Poultry Products									
13	193,512	96,012	381,405	221,058	94,047	162,144	357,551	120,365	281,948
14	79,005	49,169	129,964	69,922	30,514	82,054	105,822	46,684	108,307
15	654,107	307,804	948,201	793,622	324,406	818,601	946,602	549,030	757,173
16	415,837	316,133	611,527	575,318	215,623	628,067	610,201	405,080	422,406
17	239,942	124,013	393,205	223,372	107,028	243,007	317,887	165,290	278,267
18	130,649	86,717	153,106	132,121	57,627	169,850	162,636	96,178	133,057
Honey and Wax									
19	14,092	4,142	4,122	4,879	17,610	6,224	23,693	1,668	8,978
20	186	5	50	223	283	80	75		24
21	1,844	606	703	817	1,970	860	3,779	233	1,367
Wool, Mohair, and Goat Hair									
22	6,287	1,015	5,483	1,217	671	34,530	9,512	3,774	3,966
23	8		15			4	3		
24	12,046	1,620	11,738	1,930	1,347	72,007	16,038	5,723	6,652
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	5,740	2,324	3,935	3,031	2,304		2,831	1,481	2,364
26	3,430	1,076	6,512	2,026	1,291	3,881	6,114	1,414	6,668
27	891	637	4,188	736	395	754	1,431	671	1,672
28	18,364	11,900	49,317	20,662	8,363	45,561	46,843	7,108	47,052
29	5,068	837	4,298	809	389	35,208	12,892	2,780	5,343
30	391,715	220,354	1,466,092	281,492	170,167	962,592	895,936	166,311	1,118,291
31	192,838	44,168	165,292	135,405	50,404	82,367	153,126	65,095	162,725

AGRICULTURE—INDIANA.

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

		THE STATE.	Adams.	Allen.	Bartholomew.	Benton.	Blackford.	Boone.	
VALUE OF ALL CROPS									
1	Total.....	dollars...	204,209,812	2,244,714	4,683,903	2,431,523	3,776,721	903,023	3,523,925
2	Cereals.....	dollars...	151,898,146	1,594,275	2,956,289	1,932,096	3,560,061	666,543	2,985,480
3	Other grains and seeds.....	dollars...	966,331	16,100	33,221	42,348	461	545	2,729
4	Hay and forage.....	dollars...	24,883,461	479,062	956,677	248,898	146,086	161,437	261,487
5	Vegetables.....	dollars...	11,454,036	64,937	323,438	97,244	51,053	38,454	127,413
6	Fruits and nuts.....	dollars...	4,617,092	31,394	129,742	22,755	21,269	11,128	71,431
7	All other crops.....	dollars...	10,390,746	58,946	284,536	88,187	6,891	24,916	45,376
SELECTED CROPS (acres and quantity)									
Cereals:									
8	Total.....	acres...	8,752,732	94,696	160,689	109,585	194,702	41,825	150,046
9		bushels...	281,488,700	3,284,155	5,827,655	3,145,405	7,851,876	1,392,376	6,108,237
10	Corn.....	acres...	4,901,054	46,581	72,647	58,093	109,804	26,026	91,080
11		bushels...	195,496,433	1,982,923	3,094,847	2,358,155	5,070,270	1,046,014	4,672,233
12	Oats.....	acres...	1,667,818	33,307	59,302	4,734	83,897	13,040	38,807
13		bushels...	50,607,913	1,085,451	2,236,047	89,277	2,707,206	313,715	1,213,582
14	Wheat.....	acres...	2,082,835	12,163	26,174	46,635	681	2,266	10,742
15		bushels...	33,935,972	167,177	450,534	696,101	11,299	24,770	317,758
16	Barley.....	acres...	10,188	1,570	777	58	10	28	7
17		bushels...	234,298	35,343	19,175	966	225	758	235
18	Buckwheat.....	acres...	6,995	29	16	9	.....	.....	.....
19		bushels...	84,991	702	237	9	.....	99	.....
20	Rye.....	acres...	83,440	1,025	1,754	64	250	457	304
21		bushels...	1,121,589	12,217	26,304	897	2,876	6,080	3,944
Other grains:									
22	Dry peas.....	acres...	13,082	2	30	.....	.....	.....	1
23		bushels...	88,254	8	325	.....	.....	.....	10
24	Dry edible beans.....	acres...	1,721	4	20	9	.....	8	5
25		bushels...	15,238	21	233	121	3	46	31
Hay and forage:									
26	Total.....	acres...	2,300,579	35,037	66,428	25,490	12,304	13,812	26,159
27		tons.....	2,880,104	40,880	95,787	31,116	13,930	18,494	36,218
28	All tame or cultivated grasses.....	acres...	1,989,830	32,175	62,519	24,690	12,191	11,632	22,190
29		tons.....	2,397,576	45,564	88,116	29,592	13,554	15,309	26,656
30	Timothy alone.....	acres...	1,204,380	20,954	38,261	10,978	8,041	8,549	15,639
31		tons.....	1,442,218	29,231	53,878	12,897	9,045	11,045	21,042
32	Timothy and clover mixed.....	acres...	426,376	9,188	20,882	4,275	3,323	2,173	4,600
33		tons.....	524,385	13,407	29,462	5,005	3,642	2,902	5,878
34	Clover alone.....	acres...	271,697	1,845	3,067	8,805	746	748	1,723
35		tons.....	314,818	2,603	4,104	10,867	715	955	2,309
36	Alfalfa.....	acres...	17,898	80	139	112	29	93	57
37		tons.....	40,320	190	410	281	61	269	155
38	Millet or Hungarian grass.....	acres...	19,313	49	45	122	47	61	103
39		tons.....	25,147	60	67	227	86	128	195
40	Other tame or cultivated grasses.....	acres...	54,166	53	125	398	5	8	77
41		tons.....	60,688	67	189	315	5	10	77
42	Wild, salt, or prairie grasses.....	acres...	60,859	13	72	51	10	10	.....
43		tons.....	63,226	11	101	33	4	10	.....
44	Grains cut green.....	acres...	47,567	7	43	112	.....	26	1,125
45		tons.....	66,589	13	125	120	.....	20	2,207
46	Coarse forage.....	acres...	202,292	2,842	3,783	637	103	2,150	2,835
47		tons.....	352,518	4,292	7,376	1,371	372	3,155	4,855
Special crops:									
48	Potatoes.....	acres...	90,504	792	3,302	638	527	458	1,194
49		bushels...	8,905,679	58,219	278,341	50,713	50,696	34,436	74,167
50	All other vegetables.....	acres...	115,828	482	2,101	1,859	803	326	1,085
51	Tobacco.....	acres...	23,694	.....	.....	16	.....	.....	.....
52		pounds.....	21,387,824	50	80	14,145	.....	.....	.....
53	Maple trees.....	number.....	742,586	761	7,982	2,876	.....	622	11,046
54	Maple sugar (made).....	pounds.....	33,419	3	100	.....	.....	.....	120
55	Maple sirup (made).....	gallons.....	273,728	318	2,862	820	.....	260	4,499
FRUITS AND NUTS									
Orchard fruits:									
56	Total.....	trees...	10,050,769	106,918	202,696	98,648	43,785	40,287	130,805
57		bushels...	4,713,537	48,165	151,018	15,654	20,665	11,310	75,037
58	Apples.....	trees...	5,764,821	68,462	124,440	65,162	25,020	22,098	63,124
59		bushels...	2,759,134	44,500	119,404	4,626	12,061	9,724	37,261
60	Peaches and nectarines.....	trees...	2,130,298	12,211	31,110	21,331	9,020	4,085	30,934
61		bushels...	1,174,389	1,364	13,192	8,417	4,592	574	24,141
62	Pears.....	trees...	708,723	5,751	14,030	3,201	1,849	3,239	10,424
63		bushels...	310,925	829	10,942	1,181	533	326	3,309
64	Plums and prunes.....	trees...	506,988	12,343	12,268	2,826	1,814	6,238	11,242
65		bushels...	77,065	1,068	1,803	214	124	344	1,308
66	Cherries.....	trees...	815,742	7,664	19,962	5,065	6,024	4,459	14,518
67		bushels...	393,993	327	5,436	1,046	3,341	322	8,828
68	Quinces.....	trees...	56,827	423	782	1,014	44	143	480
69		bushels...	17,873	72	215	170	13	19	190
70	Grapes.....	vines...	1,049,232	21,334	42,798	15,257	5,532	4,420	5,356
71		pounds...	12,817,353	202,362	516,864	90,973	50,811	30,763	227,128
Small fruits:									
72	Total.....	acres...	5,919	2	78	73	13	9	14
73		quarts.....	7,424,831	3,416	105,466	46,411	9,218	9,636	11,561
74	Strawberries.....	acres...	2,574	.....	39	35	7	7	3
75		quarts.....	3,759,132	2,123	63,654	25,143	4,764	6,808	2,877
76	Raspberries and loganberries.....	acres...	1,412	.....	17	12	1	4	4
77		quarts.....	1,595,921	430	15,207	7,008	1,252	150	1,098
78	Blackberries and dewberries.....	acres...	1,347	.....	7	26	5	.....	4
79		quarts.....	1,482,909	69	7,051	12,803	2,950	410	3,575
80	Nuts.....	trees...	19,179	5	151	29	414	1	125
81		pounds...	439,644	1,010	5,610	1,650	4,850	.....	1,500

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	103,947	1,209	2,044	1,164	905	400	1,521
2		Cash expended.....	14,013,473	121,498	269,800	195,151	805,255	53,583	176,145
3		Rent and board furnished.....	3,668,006	37,428	91,803	45,050	102,222	11,714	43,717
4	Fertilizer.....	Farms reporting.....	55,431	107	523	932	31	13	96
5		Amount expended.....	2,189,695	3,121	17,260	40,463	1,916	368	3,255
6	Feed.....	Farms reporting.....	74,889	408	854	727	292	290	1,009
7		Amount expended.....	6,893,901	24,886	63,802	60,340	59,180	25,921	122,140
8	Receipts from sale of feedable crops.....	dollars.....	32,749,631	490,220	1,073,496	352,876	2,132,240	150,924	714,439

AGRICULTURE—INDIANA.

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

		Dubois.	Elkhart.	Fayette.	Floyd.	Fountain.	Franklin.	Fulton.	Gibson.
VALUE OF ALL CROPS									
1	Total.....	dollars... 1,692,265	2,948,906	1,338,022	685,846	2,798,007	1,640,768	1,850,488	2,983,738
2	Cereals.....	dollars... 1,096,171	1,906,551	1,089,019	244,677	2,380,534	1,137,022	1,438,914	2,413,077
3	Other grains and seeds.....	dollars... 21,732	18,062	10,525	910	3,940	8,512	3,497	14,651
4	Hay and forage.....	dollars... 227,653	462,083	120,123	106,308	225,585	216,031	195,173	275,363
5	Vegetables.....	dollars... 163,020	220,608	61,812	97,250	83,739	102,417	88,623	167,736
6	Fruits and nuts.....	dollars... 27,757	168,048	23,397	91,006	50,826	29,701	63,777	47,855
7	All other crops.....	dollars... 215,132	173,554	33,146	144,795	53,383	147,085	60,604	65,053
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres... 73,078	107,274	56,283	17,321	127,149	67,721	62,123	131,932
10	Corn.....	bushels... 1,725,436	3,215,038	1,945,442	370,657	4,693,158	2,054,590	2,607,349	3,860,070
11	Oats.....	acres... 35,742	46,845	33,689	10,697	71,886	39,193	48,406	71,322
12	Wheat.....	bushels... 1,009,164	1,779,191	1,626,764	257,842	3,079,043	1,676,372	1,607,700	2,746,756
13	Barley.....	acres... 10,186	21,349	2,737	1,383	30,100	5,481	21,953	4,370
14	Buckwheat.....	bushels... 206,384	690,806	63,308	28,434	1,255,313	130,626	629,041	85,200
15	Rye.....	acres... 26,609	34,877	19,830	5,319	18,952	22,083	20,674	55,880
16	Other grains:	bushels... 504,197	692,051	254,957	78,696	356,016	235,683	356,185	1,020,135
17	Dry peas.....	acres... 1,111	9,736	2,480	1,744	2,394	4,002	2,129	3,645
18	Dry edible beans.....	bushels... 825	1,023	3,395	1,902	3,010	4,621	2,574	5,186
19	Other grains:	acres... 27	45	2	15	12	20	9	50
20	Hay and forage:	bushels... 109	301	12	47	73	231	77	415
21	Total.....	acres... 26,968	36,966	11,046	8,479	19,923	20,824	20,021	25,716
22	All tame or cultivated grasses.....	tons... 27,889	49,108	13,709	9,749	25,266	24,234	23,873	33,003
23	Timothy alone.....	acres... 21,440	33,262	9,552	7,404	19,533	19,240	16,301	20,606
24	Timothy and clover mixed.....	acres... 21,546	42,200	11,859	8,464	24,480	21,415	18,384	26,062
25	Clover alone.....	acres... 10,161	10,110	4,368	4,214	15,000	10,720	12,530	8,293
26	Alfalfa.....	acres... 10,532	24,440	5,330	4,807	19,145	11,150	13,998	10,443
27	Millet or Hungarian grass.....	acres... 1,111	9,736	2,480	1,744	2,394	4,002	2,129	3,645
28	Other tame or cultivated grasses.....	acres... 1,245	12,832	3,395	1,902	3,010	4,621	2,574	5,186
29	Wild, salt, or prairie grasses.....	acres... 6,191	4,052	2,486	789	1,923	3,359	1,165	5,872
30	Grains cut green.....	acres... 5,047	4,327	2,813	889	1,966	3,354	1,198	7,363
31	Coarse forage.....	acres... 12	162	89	70	58	807	20	161
32	Other tame or cultivated grasses.....	acres... 5	307	193	191	130	1,874	50	497
33	Wild, salt, or prairie grasses.....	acres... 287	138	71	193	66	302	210	123
34	Grains cut green.....	acres... 298	195	116	254	136	465	291	168
35	Coarse forage.....	acres... 3,687	45	49	385	100	56	247	2,537
36	Special crops:	acres... 3,819	45	12	421	85	51	217	2,405
37	Potatoes.....	acres... 21	511	91	91	41	445	12	10
38	All other vegetables.....	acres... 28	532	96	96	39	574	10	3,922
39	Tobacco.....	acres... 1,529	381	190	367	84	245	104	4,984
40	Maple trees.....	acres... 2,185	464	181	512	263	262	173	1,176
41	Maple sugar (made).....	acres... 3,369	2,812	1,304	617	306	1,292	3,171	1,947
42	Maple sirup (made).....	acres... 4,130	5,906	1,669	677	523	2,628	4,789	1,947
43	Maple sirup (made).....	acres... 898	3,053	594	865	928	1,154	925	699
44	All other vegetables.....	bushels... 98,510	260,215	61,493	68,861	79,577	103,804	88,249	70,149
45	Tobacco.....	acres... 1,145	1,641	347	966	631	626	827	3,401
46	Maple trees.....	acres... 245	16	4	4	1	542	15	14,160
47	Maple sugar (made).....	pounds... 270,811	15	4,477	4,320	150	488,536	150	105
48	Maple sirup (made).....	number... 209	32,666	4,090	1,002	17,196	4,690	6,336	37
49	Maple sirup (made).....	pounds... 8	2,978	1,488	428	400	1,847	2,527	26
50	Maple sirup (made).....	gallons... 87	12,673						
FRUITS AND NUTS									
51	Orchard fruits:								
52	Total.....	acres... 114,473	177,961	48,823	92,150	66,790	97,013	97,711	179,307
53	Apples.....	bushels... 30,846	201,161	18,843	35,814	61,996	26,112	75,053	49,671
54	Peaches and nectarines.....	acres... 73,358	86,913	28,200	63,238	27,443	55,775	65,078	81,595
55	Pears.....	bushels... 19,742	150,026	10,251	17,419	27,869	12,233	55,245	16,309
56	Plums and prunes.....	acres... 26,786	30,621	8,921	12,211	23,390	17,611	15,624	21,802
57	Cherries.....	bushels... 8,241	16,282	4,380	5,244	26,328	7,872	9,696	11,555
58	Quinces.....	acres... 4,492	12,730	3,019	9,878	4,280	4,520	3,942	68,988
59	Small fruits:	bushels... 1,426	11,702	936	11,667	2,497	1,739	2,627	19,674
60	Strawberries.....	acres... 4,293	14,321	3,197	2,504	3,307	9,722	4,268	5,478
61	Raspberries and loganberries.....	bushels... 484	3,165	402	454	719	993	984	716
62	Blackberries and dewberries.....	acres... 4,729	31,691	4,646	3,920	7,002	6,906	8,546	5,684
63	Nuts.....	bushels... 854	19,360	2,570	929	4,500	2,460	6,415	1,286
64	Walnuts.....	acres... 607	1,540	814	379	151	2,263	205	650
65	Almonds.....	bushels... 74	614	286	101	67	815	79	129
66	Other nuts.....	acres... 36,447	44,855	2,369	28,547	2,255	16,577	5,924	8,608
67	Small fruits:	pounds... 292,783	427,284	46,305	95,265	51,292	172,132	180,107	50,993
68	Total.....	acres... 18	443	17	518	40	16	81	45
69	Strawberries.....	quarts... 15,166	389,966	14,426	1,058,216	57,538	14,635	115,556	88,931
70	Raspberries and loganberries.....	acres... 2	187	8	204	21	10	59	13
71	Blackberries and dewberries.....	quarts... 2,128	169,669	5,022	507,677	32,778	10,634	93,443	34,320
72	Other small fruits.....	acres... 1	180	2	212	6	2	10	8
73	Nuts.....	quarts... 423	141,622	2,048	391,655	11,625	1,155	10,772	23,736
74	Walnuts.....	acres... 11	66	5	96	6	3	10	11
75	Almonds.....	quarts... 10,783	72,858	5,602	155,002	5,853	1,800	8,617	18,500
76	Other nuts.....	acres... 279	682	2	2	56	15	181	1,402
77	Receipts from sale of feedable crops.....	pounds... 5,572	16,625	100	2,600	800	10,150	12,093	12,093

TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor.....	Farms reporting.....	1,030	1,802	704	627	1,083	1,081	983	1,529
2	Cash expended.....	dollars... 91,907	174,742	109,360	74,151	223,469	118,561	98,361	205,191	
3	Rent and board furnished.....	dollars... 27,004	38,745	34,493	20,244	52,453	45,344	20,255	46,815	
4	Fertilizer.....	Farms reporting.....	1,757	1,199	698	876	1,189	1,181	475	
5	Amount expended.....	dollars... 82,048	5,917	34,391	36,901	4,422	46,084	8,535	19,217	
6	Feed.....	Farms reporting.....	32,048	1,091	503	755	635	907	762	1,133
7	Amount expended.....	dollars... 82,100	74,211	76,003	69,108	76,845	75,097	59,647	74,851	
8	Receipts from sale of feedable crops.....	dollars... 45,520	242,050	118,486	37,071	709,669	110,555	226,301	359,318	

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

		Jennings.	Johnson.	Knox.	Kosciusko.	Lagrange.	Lake.	Laporte.	Lawrence.
VALUE OF ALL CROPS									
1	Total.....	dollars 1,093,261	2,718,605	3,666,830	3,136,332	2,275,894	2,125,020	2,984,300	1,183,061
2	Cereals.....	dollars 669,656	2,177,074	2,988,051	2,289,639	1,734,144	1,297,136	2,228,720	735,596
3	Other grains and seeds.....	dollars 4,423	44,803	36,207	17,913	18,531	4,079	7,545	1,550
4	Hay and forage.....	dollars 204,731	271,607	206,771	303,001	288,541	547,683	339,936	180,677
5	Vegetables.....	dollars 101,323	136,825	210,003	217,323	102,408	207,312	209,417	89,844
6	Fruits and nuts.....	dollars 23,330	43,973	48,470	105,058	55,410	23,783	85,612	45,700
7	All other crops.....	dollars 89,593	44,823	117,328	112,138	70,300	45,127	113,070	120,004
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres 54,828	101,049	158,115	132,416	93,200	81,185	132,546	53,445
10	Corn.....	bushels 1,151,364	3,716,161	4,699,842	4,116,551	2,817,137	2,734,968	3,970,938	1,349,398
11	Oats.....	acres 32,600	59,615	96,303	60,270	40,477	40,446	71,627	36,027
12	Wheat.....	bushels 850,328	2,082,253	3,754,840	2,311,827	1,615,184	1,636,392	2,352,709	1,078,641
13	Barley.....	acres 4,433	3,430	7,769	31,528	14,178	20,760	20,760	6,894
14	Buckwheat.....	bushels 17,142	35,802	166,849	1,028,582	420,306	1,012,809	908,058	136,230
15	Rye.....	acres 202,844	040,831	1,070,008	718,302	715,131	61,269	660,064	129,047
16	Other grains:								
17	Dry peas.....	acres 4	7	3,181	7	6			13
18	Dry edible beans.....	bushels 14	50	22,897	102	100		3	46
19	Hay and forage:								
20	Total.....	acres 23,862	25,048	21,113	35,564	30,910	48,910	38,761	21,951
21	All tame or cultivated grasses.....	acres 23,861	20,470	17,802	46,797	33,132	60,735	42,274	21,423
22	Timothy alone.....	acres 21,208	23,273	23,002	30,972	25,080	41,338	25,554	20,512
23	Timothy and clover mixed.....	acres 14,055	6,532	10,169	40,597	27,225	40,447	27,813	18,782
24	Clover alone.....	acres 14,045	0,418	13,523	17,657	0,030	31,923	17,020	10,777
25	Alfalfa.....	acres 4,079	3,416	1,810	28,242	10,824	37,000	18,878	9,465
26	Millet or Hungarian grass.....	acres 4,070	4,807	1,910	9,201	8,007	8,107	5,750	4,453
27	Other tame or cultivated grasses.....	acres 1,077	10,276	5,134	12,318	0,244	9,786	6,105	4,075
28	Wild, salt, or prairie grasses.....	acres 2,241	13,549	6,200	3,976	0,822	150	1,873	1,477
29	Grains cut green.....	acres 55	92	382	4,025	0,007	211	1,980	1,482
30	Coarse forage.....	acres 103	23	98	98	151	11	17	106
31	Special crops:								
32	Potatoes.....	acres 38	95	283	225	302	21	22	470
33	All other vegetables.....	acres 47	154	416	95	132	310	104	2,323
34	Tobacco.....	acres 131	806	3,705	140	210	562	261	2,404
35	Maple trees.....	acres 2,026	4,092	6,222	4,210	5,030	1,095	1,300	1,120
36	Maple sugar (made).....	acres 2,502	0,018	1,258	4,075	5,065	4,584	1,770	1,065
37	Maple sirup (made).....	acres 685	330	725	1,824	1,691	2,347	4,476	508
38	Other fruits and nuts.....	bushels 61,488	33,842	67,737	146,103	153,317	192,679	472,106	42,438
39	Orchard fruits:								
40	Total.....	acres 1,015	3,789	3,000	1,968	711	1,043	827	655
41	Apples.....	acres 104	35	15				1	
42	Peaches and nectarines.....	pounds 64,585	47,128	21,385	27,897	11,930		100	1,910
43	Pears.....	number 1,027	7,210	1,737	415	2,621		7,234	26,687
44	Plums and prunes.....	pounds 40			415	2,621		120	12,633
45	Cherries.....	gallons 417	2,513	712	9,836	4,287		2,860	11,160
46	Small fruits:								
47	Total.....	acres 119,436	93,767	111,349	139,637	87,345	48,945	107,139	153,109
48	Strawberries.....	bushels 20,364	39,227	41,561	141,566	56,227	14,251	75,625	46,799
49	Raspberries and loganberries.....	bushels 84,050	50,379	73,523	69,808	44,232	34,726	50,552	92,452
50	Blackberries and dewberries.....	bushels 11,227	16,068	23,278	97,720	32,475	9,438	39,090	19,226
51	Quinces.....	bushels 17,347	25,200	22,337	30,821	24,274	5,108	31,390	45,787
52	Grapes.....	bushels 5,203	16,156	13,859	23,431	14,922	1,826	25,401	22,443
53	Small fruits:								
54	Total.....	bushels 5,339	5,782	6,050	8,725	5,000	2,174	8,166	5,910
55	Apples.....	bushels 2,207	3,225	2,130	7,884	2,934	000	3,941	3,963
56	Peaches and nectarines.....	bushels 5,627	4,709	3,092	7,490	4,880	816	2,080	2,903
57	Pears.....	bushels 544	808	284	1,070	1,394	72	563	341
58	Plums and prunes.....	bushels 6,431	7,151	5,921	13,259	8,141	5,026	7,951	5,594
59	Cherries.....	bushels 1,042	2,832	1,893	10,330	4,275	2,225	5,803	729
60	Quinces.....	bushels 626	435	338	416	464	99	349	387
61	Grapes.....	bushels 133	231	45	158	140	24	152	96
62	Small fruits:								
63	Total.....	pounds 9,895	4,257	4,068	5,607	11,093	8,111	12,105	3,395
64	Strawberries.....	pounds 133,645	98,921	63,322	179,445	221,145	112,492	110,352	42,347
65	Raspberries and loganberries.....	acres 16	23	55	115	59	49	173	29
66	Blackberries and dewberries.....	acres 14,061	18,717	83,484	144,037	58,179	62,121	266,398	27,125
67	Quinces.....	acres 5	11	34	72	42	32	104	7
68	Apples.....	acres 4,365	8,758	43,008	104,823	43,626	50,548	172,922	7,192
69	Peaches and nectarines.....	acres 3	7	9	24	0	3	40	7
70	Pears.....	acres 2,062	4,559	9,261	19,673	5,543	3,336	52,685	6,211
71	Plums and prunes.....	acres 7	3	8	11	5	5	12	8
72	Cherries.....	acres 5,095	2,790	13,495	11,815	4,243	3,282	20,890	7,311
73	Quinces.....	acres 127	108	54	416	40	23	151	2
74	All other crops.....	pounds 6,100	3,650	150	3,637	2,000	800	2,350	80

TABLE 5.—SELECTED FARM EXPENSES AND

		Jennings.	Johnson.	Knox.	Kosciusko.	Lagrange.	Lake.	Laporte.	Lawrence.
1	Labor.....								
2	Farms reporting.....								
3	Cash expended.....	dollars 791	1,061	1,407	1,705	1,120	880	1,224	829
4	Rent and board furnished.....	dollars 75,846	191,264	313,629	187,272	123,602	173,097	200,247	86,815
5	Fertilizer.....	dollars 17,410	41,833	74,190	45,035	28,283	68,498	63,625	18,892
6	Amount expended.....	dollars 1,809	1,087	1,177	842	41	298	126	1,099
7	Feed.....	dollars 50,701	47,531	12,853	11,057	1,150	20,490	7,830	35,482
8	Farms reporting.....	dollars 909	711	1,045	1,007	700	601	838	509
9	Amount expended.....	dollars 62,721	83,391	115,202	65,720	60,098	71,149	70,272	50,830
10	Receipts from sale of feedable crops.....	dollars 71,322	327,055	482,467	287,881	108,689	567,606	543,700	50,552

AGRICULTURE—INDIANA.

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

	Parke.	Perry.	Pike.	Porter.	Posey.	Pulaski.	Putnam.	Randolph.	Ripley.
VALUE OF ALL CROPS									
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TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor.....	Farms reporting.....	1,200	714	906	1,013	1,345	737	1,383	1,490	1,251
2		Cash expended.....	157,446	54,702	80,612	153,375	208,769	89,183	178,539	130,269	121,331
3		Rent and board furnished.....	37,100	16,377	21,202	30,814	48,701	20,475	41,745	36,280	33,164
4	Fertilizer.....	Farms reporting.....	228	1,377	618	180	193	610	550	593	2,254
5		Amount expended.....	9,365	61,159	17,242	5,815	5,672	20,530	19,833	18,875	92,531
6	Feed.....	Farms reporting.....	1,018	470	1,026	809	672	778	1,104	985	1,298
7		Amount expended.....	138,037	19,087	79,929	84,599	44,507	60,212	137,337	74,774	97,485
8	Receipts from sale of feedable crops.....		218,634	47,573	128,869	448,492	485,115	290,558	163,081	520,806	98,205

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

	THE STATE.	Adams.	Allen.	Bartholomew.	Benton.	Blackford.	Boone.	Brown.	Carroll.	Cass.	
1	Inclosures reporting domestic animals...	614	2,183	839	581	682	822	88	776	1,087	
2	Value of domestic animals.....dollars..	16,697,433	133,226	492,495	146,974	223,367	108,678	144,058	18,633	148,808	222,120
3	Cattle:										
4	Total number.....	54,157	327	702	445	367	378	568	87	531	425
5	Value.....dollars..	2,144,226	11,127	26,335	15,222	15,907	14,518	22,684	3,233	18,692	10,323
6	Number of dairy cows.....	34,421	226	543	317	276	303	414	67	346	344
7	Horses:										
8	Total number.....	120,632	840	3,582	1,224	963	936	1,133	94	1,080	1,716
9	Value.....dollars..	13,446,162	117,440	454,372	120,887	202,650	91,937	115,666	11,935	116,582	194,152
10	Number of mature horses.....	117,913	816	3,513	1,195	928	914	1,090	90	1,045	1,690
11	Mules and asses and burros:										
12	Total number.....	5,953	14	60	78	21	13	24	12	34	53
13	Value.....dollars..	762,828	1,730	7,400	7,840	3,475	1,575	3,345	2,575	4,045	7,260
14	Number of mature mules.....	5,508	12	58	70	18	12	16	9	32	48
15	Swine:										
16	Total number.....	36,549	347	432	396	157	68	335	119	1,002	561
17	Value.....dollars..	316,136	2,470	2,971	2,824	1,300	582	2,108	882	8,068	4,172
18	Sheep and goats:										
19	Total number.....	6,555	97	348	64	4	14	43	3	342	58
20	Value.....dollars..	29,081	459	1,417	201	35	66	230	8	1,421	213

	Clark.	Clay.	Clinton.	Crawford.	Daviess.	Dearborn.	Decatur.	Dekalb.	Delaware.	Dubois.	
1	Inclosures reporting domestic animals...	631	1,287	1,098	262	818	454	796	709	1,552	482
2	Value of domestic animals.....dollars..	99,294	195,793	260,335	38,203	154,290	154,808	143,568	139,462	237,024	87,981
3	Cattle:										
4	Total number.....	389	639	577	265	697	1,927	411	448	835	308
5	Value.....dollars..	12,694	23,341	23,844	7,937	23,653	83,240	14,027	16,068	30,978	8,954
6	Number of dairy cows.....	313	481	394	205	525	244	301	358	619	242
7	Horses:										
8	Total number.....	723	1,538	1,711	217	1,075	673	1,106	963	2,248	625
9	Value.....dollars..	75,280	157,759	227,306	26,160	111,143	64,894	123,537	110,435	195,575	64,065
10	Number of mature horses.....	717	1,504	1,660	209	1,042	657	1,085	949	2,191	608
11	Mules and asses and burros:										
12	Total number.....	61	112	44	22	116	29	21	20	52	114
13	Value.....dollars..	7,305	11,445	3,835	2,040	16,035	3,900	3,205	3,327	5,005	14,270
14	Number of mature mules.....	48	101	42	18	104	26	18	28	47	105
15	Swine:										
16	Total number.....	460	355	620	197	491	361	304	301	652	240
17	Value.....dollars..	3,907	3,203	4,917	2,050	3,278	2,828	2,726	2,262	4,273	1,625
18	Sheep and goats:										
19	Total number.....	31	13	102	7	47	2	19	180	86	7
20	Value.....dollars..	108	45	433	26	181	6	73	770	293	27

	Elkhart.	Fayette.	Floyd.	Fountain.	Franklin.	Fulton.	Gibson.	Grant.	Greene.	Hamilton.	
1	Inclosures reporting domestic animals...	1,563	450	705	826	397	655	1,019	2,194	1,359	1,096
2	Value of domestic animals.....dollars..	322,104	82,499	127,158	163,299	87,837	133,612	213,143	392,873	217,133	198,440
3	Cattle:										
4	Total number.....	1,067	164	298	408	216	444	676	1,270	936	770
5	Value.....dollars..	36,823	6,005	10,699	17,191	7,005	14,865	23,059	52,226	33,902	28,796
6	Number of dairy cows.....	775	119	246	316	161	324	545	983	708	561
7	Horses:										
8	Total number.....	2,323	720	1,054	1,248	646	910	1,501	2,799	1,577	1,563
9	Value.....dollars..	270,317	69,982	110,715	136,175	76,720	113,917	165,980	323,122	187,803	157,191
10	Number of mature horses.....	2,275	703	1,040	1,221	634	880	1,443	2,707	1,519	1,513
11	Mules and asses and burros:										
12	Total number.....	43	36	33	50	14	18	140	76	152	52
13	Value.....dollars..	7,110	5,650	4,155	7,655	1,800	1,991	20,405	10,855	21,248	6,435
14	Number of mature mules.....	42	30	30	43	11	17	125	67	132	48
15	Swine:										
16	Total number.....	721	115	148	274	169	441	479	770	577	705
17	Value.....dollars..	6,186	856	1,454	1,930	1,635	2,604	3,540	6,111	3,950	5,007
18	Sheep and goats:										
19	Total number.....	325	2	27	90	21	62	31	110	52	149
20	Value.....dollars..	1,668	6	125	348	77	235	159	559	230	957

	Hancock.	Harrison.	Hendricks.	Henry.	Howard.	Huntington.	Jackson.	Jasper.	Jay.	Jefferson.	
1	Inclosures reporting domestic animals...	681	429	774	1,126	999	1,221	579	400	698	402
2	Value of domestic animals.....dollars..	115,248	63,446	151,625	203,224	183,622	240,528	103,980	83,008	191,023	79,721
3	Cattle:										
4	Total number.....	336	315	596	596	537	600	322	314	614	161
5	Value.....dollars..	13,688	9,633	24,311	24,833	20,997	20,630	11,702	13,218	23,658	5,447
6	Number of dairy cows.....	258	250	449	451	375	445	252	243	483	146
7	Horses:										
8	Total number.....	966	507	1,125	1,644	1,547	1,764	815	526	1,391	632
9	Value.....dollars..	95,051	48,652	117,238	227,246	163,153	209,297	77,271	64,779	150,701	70,602
10	Number of mature horses.....	941	494	1,092	1,602	1,521	1,723	802	503	1,343	625
11	Mules and asses and burros:										
12	Total number.....	41	26	30	51	25	48	94	16	60	28
13	Value.....dollars..	5,000	1,710	4,335	6,830	2,595	6,255	12,266	2,025	11,100	3,085
14	Number of mature mules.....	41	19	25	47	23	46	83	15	58	26
15	Swine:										
16	Total number.....	202	371	837	526	395	541	266	246	617	73
17	Value.....dollars..	1,470	3,439	5,563	3,957	2,473	3,997	1,824	2,956	4,834	509
18	Sheep and goats:										
19	Total number.....	10	3	31	82	73	81	6	.....	162	17
20	Value.....dollars..	39	12	178	358	299	349	17	.....	730	78

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

	Jennings.	Johnson.	Knox.	Kosciusko.	Lagrange.	Lake.	Laporte.	Lawrence.	Madison.
1 Inclosures reporting domestic animals.....	354	750	1,076	988	648	1,547	880	913	2,388
2 Value of domestic animals.....dollars..	74,229	142,529	226,870	245,088	130,564	467,177	204,142	121,383	335,018
Cattle:									
3 Total number.....	320	544	487	942	683	1,849	531	540	1,622
4 Value.....dollars..	11,068	20,761	18,263	32,270	23,235	147,939	17,917	20,567	60,305
5 Number of dairy cows.....	228	394	385	580	438	773	445	479	1,252
Horses:									
6 Total number.....	470	1,003	1,600	1,486	887	2,576	1,503	936	2,874
7 Value.....dollars..	56,166	115,984	180,312	197,474	99,049	309,839	182,840	91,785	263,945
8 Number of mature horses.....	461	970	1,056	1,422	853	2,557	1,487	898	2,770
Mules and asses and burros:									
9 Total number.....	44	23	161	43	21	47	9	53	50
10 Value.....dollars..	5,185	2,445	23,855	6,770	3,000	7,310	1,100	7,300	5,835
11 Number of mature mules.....	42	14	133	33	16	46	9	51	39
Swine:									
12 Total number.....	170	437	566	861	520	230	218	217	871
13 Value.....dollars..	1,810	3,053	4,228	7,167	4,855	1,881	1,787	1,680	5,113
Sheep and goats:									
14 Total number.....		77	102	279	211	36	92	9	24
15 Value.....dollars..		286	212	1,407	925	208	498	45	120

	Marion.	Marshall.	Martin.	Miami.	Monroe.	Montgomery.	Morgan.	Newton.	Noble.
1 Inclosures reporting domestic animals.....	4,998	722	234	1,078	642	1,192	663	364	869
2 Value of domestic animals.....dollars..	1,464,612	167,049	44,007	238,346	113,480	233,847	126,033	79,111	174,330
Cattle:									
3 Total number.....	2,777	488	192	640	371	588	444	299	610
4 Value.....dollars..	131,815	16,048	8,010	24,579	14,779	25,281	17,343	12,838	21,236
5 Number of dairy cows.....	1,035	353	161	480	296	440	302	237	447
Horses:									
6 Total number.....	11,166	1,116	287	1,550	895	1,848	1,002	569	1,220
7 Value.....dollars..	1,178,392	144,956	31,637	192,180	95,681	195,093	102,239	62,225	145,683
8 Number of mature horses.....	11,116	1,090	280	1,508	868	1,817	978	550	1,185
Mules and asses and burros:									
9 Total number.....	601	24	23	99	21	65	41	5	25
10 Value.....dollars..	93,800	3,350	3,245	16,555	1,901	11,160	5,225	730	3,925
11 Number of mature mules.....	601	22	15	98	15	88	40	2	23
Swine:									
12 Total number.....	3,004	331	131	542	126	369	128	281	371
13 Value.....dollars..	59,300	2,908	1,103	4,642	1,099	2,176	1,219	2,916	3,001
Sheep and goats:									
14 Total number.....	238	93	5	68	7	43	4	90	119
15 Value.....dollars..	1,305	387	12	331	20	137	7	402	485

	Ohio.	Orange.	Owen.	Parke.	Perry.	Pike.	Porter.	Posey.	Pulaski.
1 Inclosures reporting domestic animals.....	124	314	304	889	331	654	641	773	391
2 Value of domestic animals.....dollars..	20,706	74,721	50,622	142,200	44,691	110,953	129,249	102,331	78,732
Cattle:									
3 Total number.....	89	320	231	619	202	501	438	367	278
4 Value.....dollars..	2,847	12,317	8,071	24,050	5,478	16,283	14,275	11,550	10,574
5 Number of dairy cows.....	74	257	193	483	108	372	335	280	235
Horses:									
6 Total number.....	170	514	398	1,173	361	837	655	1,143	539
7 Value.....dollars..	17,375	51,536	37,655	105,579	32,128	78,401	112,135	125,022	64,875
8 Number of mature horses.....	165	499	387	1,137	351	792	633	1,117	521
Mules and asses and burros:									
9 Total number.....	2	57	27	78	53	79	15	162	16
10 Value.....dollars..	80	9,225	3,135	8,960	5,701	8,970	1,035	21,010	2,215
11 Number of mature mules.....	2	57	22	73	52	77	12	156	16
Swine:									
12 Total number.....	63	98	94	495	187	1,045	97	715	120
13 Value.....dollars..	400	1,023	859	3,221	1,382	6,921	892	4,683	1,063
Sheep and goats:									
14 Total number.....	1	86	1	77	1	93	101	36	5
15 Value.....dollars..	4	620	2	390	2	378	312	66	6

	Putnam.	Randolph.	Ripley.	Rush.	St. Joseph.	Scott.	Shelby.	Spencer.	Starke.
1 Inclosures reporting domestic animals.....	716	1,225	461	644	1,743	189	614	558	287
2 Value of domestic animals.....dollars..	135,221	228,836	83,103	119,498	391,644	30,162	165,980	93,481	50,846
Cattle:									
3 Total number.....	358	873	160	317	638	181	623	301	250
4 Value.....dollars..	16,481	32,187	5,354	12,173	21,833	6,047	20,138	8,695	8,684
5 Number of dairy cows.....	274	621	150	247	496	132	388	251	215
Horses:									
6 Total number.....	984	1,065	996	1,058	3,114	210	1,412	741	379
7 Value.....dollars..	110,648	184,261	74,051	102,055	354,012	22,305	134,159	74,421	39,893
8 Number of mature horses.....	965	1,022	990	1,022	3,079	202	1,364	718	375
Mules and asses and burros:									
9 Total number.....	29	65	25	23	114	10	53	68	8
10 Value.....dollars..	5,745	7,320	2,000	3,645	11,857	1,370	7,185	7,450	1,025
11 Number of mature mules.....	18	63	23	21	110	8	47	65	8
Swine:									
12 Total number.....	283	631	136	261	348	59	625	373	130
13 Value.....dollars..	2,150	4,479	1,140	1,557	3,175	430	3,905	2,901	1,334
Sheep and goats:									
14 Total number.....	52	143	6	16	146	3	168	5	.....
15 Value.....dollars..	197	589	18	68	767	10	593	14	.....

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

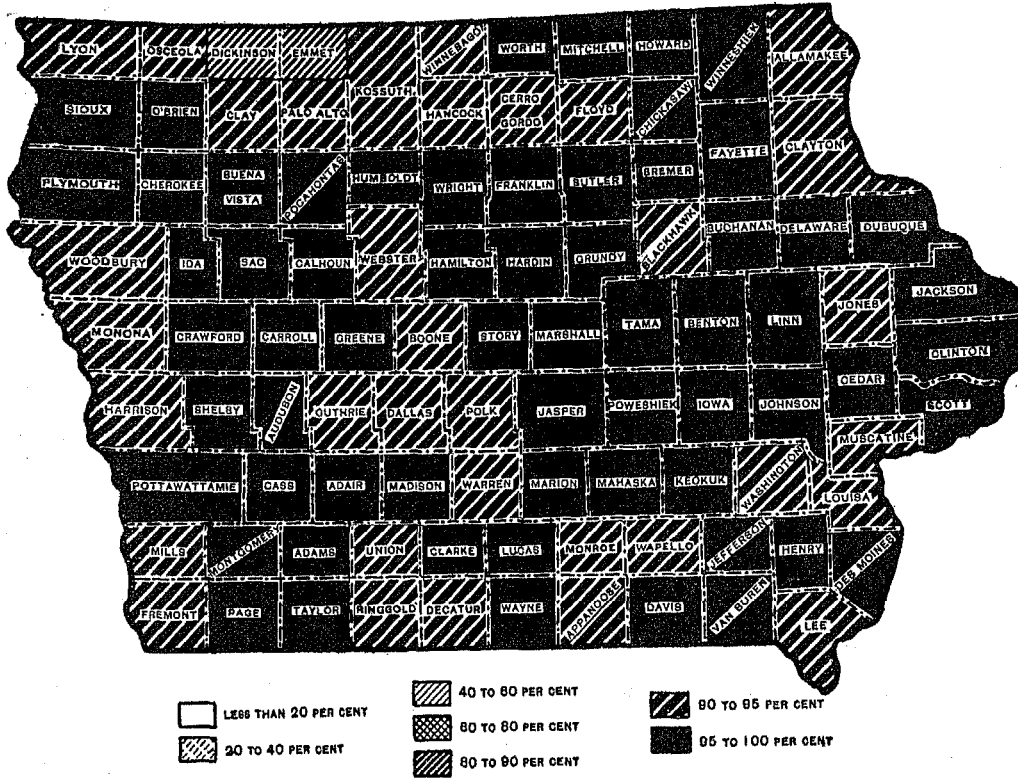
	Steuben.	Sullivan.	Switzer-land.	Tippe-canoe.	Tipton.	Union.	Vander-burg.	Vermilion.	Vigo.
1 Inclosures reporting domestic animals.....	642	1,381	199	1,152	577	214	1,985	758	2,415
2 Value of domestic animals.....dollars..	129,118	238,177	75,526	278,120	108,345	52,874	490,319	149,548	648,383
Cattle:									
3 Total number.....	339	813	120	572	316	149	639	440	5,569
4 Value.....dollars..	13,570	29,885	4,186	24,015	11,856	5,253	22,030	16,730	239,143
5 Number of dairy cows.....	269	636	100	433	233	116	465	364	694
Horses:									
6 Total number.....	885	1,842	236	2,167	800	411	3,435	943	3,959
7 Value.....dollars..	109,437	181,972	70,489	243,602	92,285	45,850	409,601	104,628	371,318
8 Number of mature horses.....	858	1,787	233	2,141	765	397	3,393	924	3,905
Mules and asses and burros:									
9 Total number.....	18	231	4	67	21	0	399	212	339
10 Value.....dollars..	2,475	22,885	370	8,595	2,070	1,000	56,113	25,395	32,675
11 Number of mature mules.....	17	220	3	64	20	6	389	199	334
Swine:									
12 Total number.....	234	502	62	226	303	112	311	308	616
13 Value.....dollars..	1,997	3,366	478	1,817	1,954	763	2,401	2,739	5,097
Sheep and goats:									
14 Total number.....	448	18	1	18	27	2	30	24	53
15 Value.....dollars..	1,639	69	3	91	180	8	84	56	250

	Wabash.	Warren.	Warrick.	Washington.	Wayne.	Wells.	White.	Whitley.
1 Inclosures reporting domestic animals.....	1,110	355	685	386	1,442	974	659	539
2 Value of domestic animals.....dollars..	234,653	79,125	123,111	71,419	275,300	202,962	133,127	131,094
Cattle:								
3 Total number.....	639	239	510	291	534	635	404	291
4 Value.....dollars..	25,556	9,204	15,686	9,376	18,871	23,013	15,199	10,697
5 Number of dairy cows.....	487	164	384	207	376	479	290	233
Horses:								
6 Total number.....	1,582	545	795	500	2,210	1,411	953	826
7 Value.....dollars..	197,519	61,765	94,970	54,832	247,175	169,481	111,421	114,195
8 Number of mature horses.....	1,551	534	774	486	2,176	1,365	922	807
Mules and asses and burros:								
9 Total number.....	55	41	76	46	72	11	86	27
10 Value.....dollars..	6,710	6,290	10,220	5,190	8,495	1,362	4,847	3,690
11 Number of mature mules.....	54	32	73	41	70	11	34	24
Swine:								
12 Total number.....	519	194	242	265	382	986	181	362
13 Value.....dollars..	3,968	1,743	1,812	1,909	3,631	6,982	1,406	2,383
Sheep and goats:								
14 Total number.....	137	17	109	24	34	262	105	42
15 Value.....dollars..	900	123	423	112	223	1,224	254	129

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

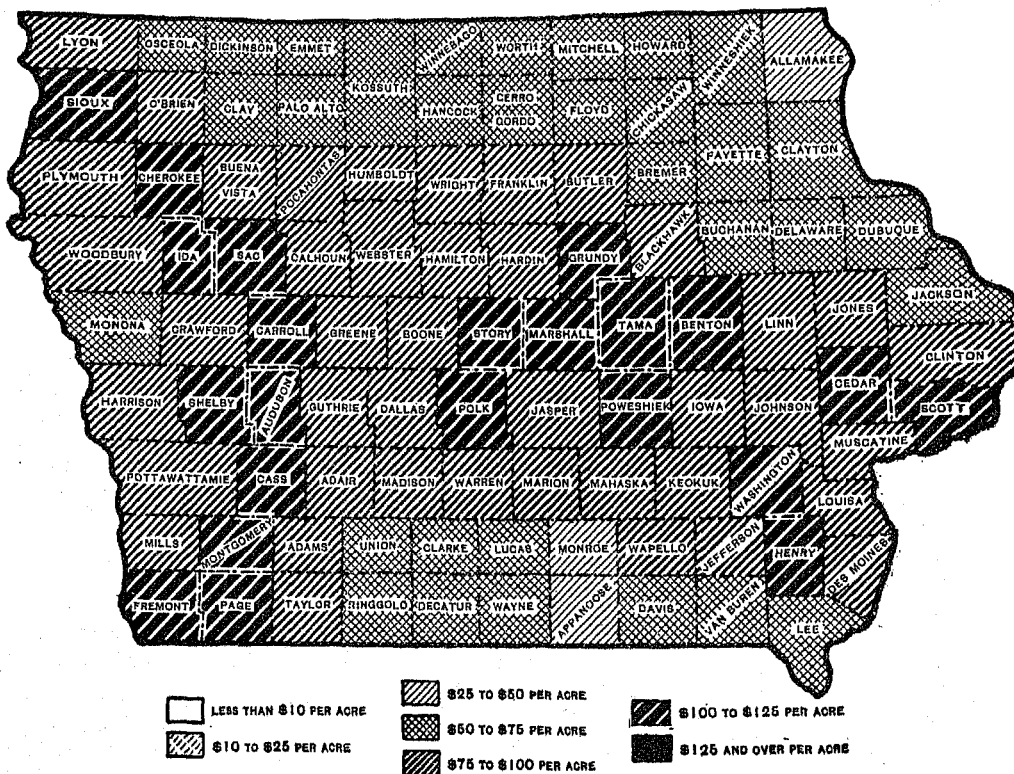
PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 95.4.]



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$82.58.]



IOWA.

FARMS AND FARM PROPERTY.

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

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

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

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

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

The two maps on the opposite page show, for the different counties, the proportion of the total land area which is in farms and the average value of farm land per acre. Of the total land area of the state over nineteen-twentieths is in farms, and as shown by the first map only two counties have less than nine-tenths of their land surface in farms, while in a majority of the counties the proportion is nineteen-twentieths or higher.

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

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there was a decrease in population of 7,082, or 0.3 per cent, and a decrease in the number of farms of 11,578, or 5.1 per cent, together with a decrease of 643,649 acres, or 1.9 per cent, in farm land. As a result of the greater relative decrease in the number of farms than in the total acreage of farm land, the average size of the farms increased over 5 acres.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased in value during the decade nearly \$2,000,000,000, or more than 100 per cent. This great increase is made up chiefly of increases of over \$1,500,000,000 in the value of land and of nearly \$215,000,000 in the value of buildings. There was also an increase of over \$150,000,000 in the value of farm equipment, including implements and machinery and live stock, more than three-fourths of which represents the gain in the value of live stock. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

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

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	2, 224, 771	2, 231, 853	-7, 082	-0. 3
Number of all farms.....	217, 044	228, 622	-11, 578	-5. 1
Approximate land area of the state..... acres.	35, 575, 040	35, 575, 040	.....	.....
Land in farms..... acres.	33, 930, 688	34, 574, 337	-643, 649	-1. 9
Improved land in farms..... acres.	29, 491, 199	29, 897, 552	-406, 353	-1. 4
Average acres per farm.....	156. 3	151. 2	5. 1	3. 4
Value of farm property:				
Total.....	\$3, 745, 860, 544	\$1, 834, 345, 546	\$1, 911, 514, 998	104. 2
Land.....	2, 801, 973, 729	1, 256, 751, 980	1, 545, 221, 749	123. 0
Buildings.....	455, 405, 671	240, 802, 810	214, 602, 861	89. 1
Implements and machinery.....	95, 477, 948	57, 960, 660	37, 517, 288	64. 7
Domestic animals, poultry, and bees.....	393, 003, 196	278, 830, 096	114, 173, 100	40. 9
Average value of all property per farm.....	\$17, 259	\$8, 023	\$9, 236	115. 1
Average value of land per acre.....	\$82. 58	\$36. 35	\$46. 23	127. 2

¹ A minus sign (-) denotes decrease.

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

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

CENSUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- prov- ed.
		Num- ber.	Per cent of in- crease. ¹	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910.....	2, 224, 771	217, 044	-5. 1	33, 930, 688	-1. 9	29, 491, 199	95. 4	86. 9
1900.....	2, 231, 853	228, 622	13. 2	34, 574, 337	13. 4	29, 897, 552	97. 2	85. 5
1890.....	1, 912, 297	201, 903	8. 9	30, 491, 541	23. 2	25, 428, 899	85. 7	83. 4
1880.....	1, 624, 615	185, 351	59. 4	24, 752, 700	59. 3	19, 865, 541	69. 5	80. 3
1870.....	1, 194, 020	116, 292	90. 1	15, 541, 793	54. 3	9, 395, 467	43. 7	69. 5
1860.....	674, 913	61, 163	313. 1	10, 069, 907	268. 0	3, 792, 792	28. 3	37. 7
1850.....	192, 214	14, 305	.....	2, 736, 064	.....	824, 682	7. 7	30. 1

¹ A minus sign (-) denotes decrease.

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

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

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

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

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

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

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

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910.....	\$3,745,860,544	104.2	\$3,257,379,400	117.5	\$95,477,948	64.7	\$393,003,196	40.9
1900.....	1,834,345,546	66.7	1,497,554,790	74.6	57,960,600	58.1	278,830,096	35.1
1890.....	1,100,682,579	52.6	857,581,022	51.1	36,665,315	24.8	206,436,242	65.5
1880.....	721,517,214	81.8	567,430,227	80.6	29,371,884	79.0	124,715,103	87.9
1870 ¹	396,927,325	168.7	314,129,953	162.0	16,407,666	208.0	66,389,706	195.4
1860.....	147,702,873	586.4	119,899,547	618.8	5,327,033	354.2	22,476,293	509.2
1850.....	21,519,711	.....	16,667,667	.....	1,172,869	.....	3,689,275	.....

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

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

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	156.3	\$17,259	\$15,008	\$440	\$1,811	\$96.00
1900.....	151.2	8,023	6,550	253	1,220	43.31
1890.....	151.0	5,452	4,247	182	1,022	28.13
1880.....	133.5	3,893	3,061	158	673	22.92
1870 ²	133.6	3,413	2,701	141	571	20.21
1860.....	104.6	2,415	1,960	87	367	11.91
1850.....	184.8	1,454	1,125	79	249	6.09

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

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

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

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

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

TENURE.	1910	1900	1890	1880
Number of all farms.....	217,044	228,622	201,903	185,361
Farms operated by owners and managers.....	134,929	148,866	145,183	141,177
Farms consisting of owned land only.....	106,464	118,317	(1)	(1)
Farms consisting of owned and hired land.....	26,539	28,968	(1)	(1)
Farms operated by managers.....	1,926	1,581	(1)	(1)
Farms operated by tenants.....	82,115	79,736	56,720	44,174
Share tenants.....	20,935	35,234	31,780	35,753
Share-cash tenants ¹	14,129			
Cash tenants.....	43,394	44,502	24,940	8,421
Tenure not specified ²	3,657			
Per cent of farms operated by—				
Owners and managers.....	62.2	65.1	71.9	76.2
Tenants.....	37.8	34.9	28.1	23.8
Share and share-cash.....	16.2	15.4	15.7	19.3
Cash and nonspecified.....	21.7	19.5	12.4	4.5

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

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

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

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

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	33,930,688	34,574,337	29,491,199	29,897,552	\$3,257,379,400	\$1,497,554,790
Owners.....	20,214,337	22,451,768	17,432,235	19,187,845	1,942,504,349	979,949,370
Managers.....	490,805	498,982	383,977	384,059	44,993,925	22,441,680
Tenants.....	13,225,546	11,623,587	11,674,987	10,325,648	1,269,791,126	495,163,740

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

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	61.3	64.4	59.6	64.9	59.1	64.2	59.6	65.4
Managers.....	0.9	0.7	1.4	1.4	1.3	1.3	1.4	1.5
Tenants.....	37.8	34.9	39.0	33.6	30.6	34.6	39.0	33.1

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

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

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.				Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	156.3	151.2	135.9	130.8	88.9	86.5	\$15,008	\$6,550	\$96.00	\$43.31
Owners.....	152.0	152.4	131.1	130.3	86.2	85.5	14,608	6,053	96.10	43.05
Managers.....	254.8	315.6	199.4	242.9	75.2	77.0	23,361	14,195	91.07	44.97
Tenants.....	161.1	145.8	142.2	129.5	88.3	88.8	15,464	0,210	96.01	42.60

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

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

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	133,003		146,754		144,688	
Free from mortgage.....	63,234	48.2	67,616	47.0	67,687	46.7
Mortgaged.....	68,045	51.8	70,389	53.0	77,111	53.8
Unknown.....	1,724		2,749			

¹ Includes all farms owned in whole or in part by the operator.
² The 1,370 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by their operators was 133,003. Of this number, 63,234 were reported as free from mortgage; 68,045 were reported as mortgaged; and for 1,724 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 51.8 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is only slightly smaller than it was in 1900 and 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the number mortgaged decreased much more than the number free of mortgage.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 68,045 farms reported as mortgaged, 52,174 are wholly owned by the farmers, and for 50,452 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding amount of mortgage debt were not obtained in 1900.

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

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

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	50,452	77,111	.....	.....
Value—Land and buildings.....	\$735,265,320	\$305,658,669	.....	.....
Amount of mortgage debt.....	\$204,242,722	\$101,745,924	.....	.....
Per cent of debt to value.....	27.8	33.3	.....	.....
Average value per farm.....	\$14,574	\$3,964	\$10,610	267.7
Average debt per farm.....	\$4,048	\$1,319	\$2,729	207.0
Average equity per farm.....	\$10,526	\$2,645	\$7,881	298.0

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

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	217,044	228,622	-11,578	-5.1	100.0	100.0
Under 3 acres.....	392	975	-583	-59.8	0.2	0.4
3 to 9 acres.....	7,295	4,760	2,535	53.4	3.4	2.1
10 to 19 acres.....	0,037	5,917	120	2.0	2.8	2.0
20 to 49 acres.....	15,078	21,475	-5,797	-27.0	7.2	9.4
50 to 99 acres.....	38,712	49,605	-10,953	-22.1	17.8	21.7
100 to 174 acres.....	80,121	79,023	193	0.2	36.9	35.0
175 to 259 acres.....	40,304	38,144	2,160	5.7	18.6	16.7
260 to 499 acres.....	25,861	24,609	1,252	5.1	11.9	10.8
500 to 999 acres.....	2,430	2,818	-388	-13.8	1.1	1.2
1,000 acres and over.....	214	340	-126	-37.1	0.1	0.1

¹ A minus sign (-) denotes decrease.

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

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 13,724), and also the farms of between 175 and 499 acres (numbering 66,165):

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	33,930,688	34,574,337	29,491,199	29,897,562	\$3,257,379,400	\$1,497,554,790
Under 20.....	117,965	109,927	102,881	94,433	39,306,361	15,712,750
20 to 49.....	537,644	765,266	450,517	636,031	63,092,308	40,288,410
50 to 99.....	2,980,189	3,828,843	2,619,874	3,358,792	206,461,882	169,512,630
100 to 174.....	11,243,738	11,197,378	10,009,420	9,948,872	1,096,025,573	491,752,740
175 to 499.....	17,206,099	16,361,478	14,875,500	14,110,978	1,614,102,750	693,465,760
500 to 999.....	1,513,499	1,764,029	1,203,407	1,371,032	122,994,559	68,618,850
1,000 and over.....	331,584	547,418	229,591	377,414	25,195,467	18,201,650

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

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	6.3	5.1	0.3	0.3	0.3	0.3	1.2	1.0
20 to 49 acres.....	7.2	9.4	1.6	2.2	1.5	2.1	2.0	2.7
50 to 99 acres.....	17.8	21.7	8.8	11.1	8.9	11.2	9.1	11.3
100 to 174 acres.....	36.9	35.0	33.1	32.4	33.0	33.3	33.7	32.8
175 to 499 acres.....	30.5	27.4	50.7	47.3	50.4	47.2	49.0	46.3
500 to 999 acres.....	1.1	1.2	4.5	5.1	4.1	4.6	3.8	4.6
1,000 acres and over.....	0.1	0.1	1.0	1.0	0.8	1.3	0.8	1.2

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

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

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total.....	86.9	86.5	\$15,008	\$6,550	\$96.00	\$43.31
Under 20 acres.....	87.2	85.0	2,864	1,349	333.21	142.94
20 to 49 acres.....	83.8	83.1	4,063	1,876	118.47	52.65
50 to 99 acres.....	87.9	87.7	7,632	3,413	99.14	44.27
100 to 174 acres.....	89.0	88.0	13,687	6,153	97.53	43.92
175 to 499 acres.....	86.5	86.2	24,395	11,051	93.81	42.38
500 to 999 acres.....	79.5	77.7	50,615	24,350	81.27	38.90
1,000 acres and over.....	69.2	68.9	117,736	53,534	75.99	33.25

Owing to the fact that buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land diminishes with the increase in the size of the farms. It is very much higher for the farms under 20 acres in size than for those of any other group.

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

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

DOMESTIC ANIMALS, POULTRY, AND BEES.

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

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

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

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

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

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Own-ers.	Tenants.	Man-agers.
Total.....	217,044	100.0	133,003	82,115	1,926	61.3	37.8	0.9
Native white.....	167,856	77.3	98,615	67,547	1,694	58.8	40.2	1.0
Foreign-born white.	48,987	22.6	34,252	14,505	230	69.9	29.6	0.5
Negro and other nonwhite.....	201	0.1	136	63	2	67.7	31.3	1.0

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

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

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	213,131	98.2	.....	\$380,201,586	.....
Cattle.....	205,554	94.7	4,448,006	118,864,139	\$26.72
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	202,539	93.3	1,406,792	48,651,418	34.58
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	89,065	41.0	614,930	17,715,974	28.81
Heifers born in 1909.....	134,190	61.8	564,219	8,714,358	15.44
Calves born after Jan. 1, 1910.....	144,422	66.5	509,003	3,836,951	6.74
Steers and bulls born in 1909.....	107,796	49.7	557,164	10,781,320	19.35
Steers and bulls born before Jan. 1, 1909.....	74,796	34.5	735,898	29,164,118	39.63
Horses.....	209,812	96.7	1,492,226	177,999,124	119.28
Mares, stallions, and geldings born before Jan. 1, 1909.....	205,916	94.9	1,289,973	165,633,084	128.40
Colts born in 1909.....	92,366	42.6	169,679	10,873,651	68.10
Colts born after Jan. 1, 1910.....	32,665	15.1	42,574	1,487,389	34.94
Mules.....	21,872	10.1	55,524	7,551,818	136.01
Mules born before Jan. 1, 1909.....	18,476	8.5	46,485	6,877,871	147.96
Mule colts born in 1909.....	4,701	2.2	7,557	612,601	81.06
Mule colts born after Jan. 1, 1910.....	1,265	0.6	1,482	61,346	41.39
Asses and burros.....	832	0.4	1,614	280,212	173.61
Swine.....	184,002	84.8	7,545,853	69,693,218	9.24
Hogs and pigs born before Jan. 1, 1910.....	181,820	83.8	4,299,499	63,976,554	14.88
Pigs born after Jan. 1, 1910.....	106,747	49.2	3,246,354	5,716,664	1.76
Sheep.....	21,810	10.0	1,145,549	5,748,836	5.02
Ewes born before Jan. 1, 1910.....	20,915	9.6	676,687	4,381,545	6.47
Rams and wethers born before Jan. 1, 1910.....	11,062	5.1	93,230	587,375	6.30
Lambs born after Jan. 1, 1910.....	10,866	7.8	375,632	779,016	2.08
Goats.....	2,400	1.1	20,664	64,239	3.11

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

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

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

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

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

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Percent of all farms.			
Total.....	204,635	94.3	23,482,880	\$12,269,881	20,043,343
Chickens.....	204,569	94.2	22,691,041	11,632,064	18,907,673
Turkeys.....	26,866	12.4	124,164	251,449	424,306
Ducks.....	40,771	18.8	225,284	120,101	487,752
Geese.....	44,494	20.5	215,196	217,673	223,612
Guinea fowls.....	8,587	4.0	38,448	13,942	(1)
Pigeons.....	7,901	3.6	187,994	34,155	(2)
All other ³	27	(4)	153	497	(3)

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

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

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

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

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

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	76,411		\$17,929,607	
All cattle.....	36,278	61,705	2,229,183	\$36.13
Dairy cows.....	35,446	45,754	1,915,255	41.86
Horses.....	58,353	123,370	14,628,589	118.57
Mules.....	1,308	3,477	472,190	135.80
Asses and burros.....	153	199	52,227	262.45
Swine.....	9,081	45,427	538,407	11.85
Sheep.....	170	1,206	7,154	5.93
Goats.....	269	417	1,857	4.45

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

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

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....		\$398,131,193		\$380,201,586		\$17,929,607
All cattle.....	4,509,711	121,083,322	4,448,006	118,864,139	61,705	2,229,183
Dairy cows.....	1,452,546	50,566,673	1,406,792	48,651,418	45,754	1,915,255
Horses.....	1,015,596	192,627,713	1,492,226	177,999,124	123,370	14,628,589
Mules.....	59,001	8,024,008	55,524	7,551,818	3,477	472,190
Asses and burros.....	1,813	332,439	1,614	280,212	199	52,227
Swine.....	7,591,280	70,231,625	7,545,853	69,693,218	45,427	538,407
Sheep.....	1,146,755	5,755,990	1,146,549	5,748,836	1,206	7,154
Goats.....	21,081	66,096	20,664	64,239	417	1,857

The total value of all domestic animals in the state in 1910 was \$398,131,000, of which the value of animals not on farms represented 4.5 per cent.

LIVE STOCK PRODUCTS.

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

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

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	202,539	93.3	1,406,792	Head	.....	.....
On farms reporting dairy products in 1909.....	179,847	82.9	1,306,676	Head	.....	.....
On farms reporting milk produced in 1909.....	130,796	60.3	916,153	Head	.....	.....
Specified dairy products, 1909:						
Milk reported.....			318,954,506	Gals.		
Butter made.....	124,881	57.5	38,679,568	Lbs.	\$9,061,041	\$0.23
Cheese made.....	341	0.2	78,538	Lbs.	10,680	0.14
Milk sold.....	16,135	7.4	55,241,511	Gals.	6,032,685	0.11
Cream sold.....	20,930	12.4	8,062,449	Gals.	5,071,600	0.63
Butter fat sold.....	58,643	27.0	42,917,696	Lbs.	11,020,868	0.26
Butter sold.....	59,361	27.4	17,917,387	Lbs.	4,296,424	0.24
Cheese sold.....	87	(1)	61,160	Lbs.	8,166	0.13
Total receipts from sales, 1909.....					26,429,743	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					31,196,883	
Specified dairy products, 1899:						
Butter made.....	153,066	66.9	61,789,288	Lbs.	.....	.....
Cheese made.....	597	0.3	306,428	Lbs.	.....	.....
Butter sold.....			33,266,912	Lbs.	5,167,031	0.16
Cheese sold.....			258,063	Lbs.	26,189	0.10

¹ Less than one-tenth of 1 per cent.

The number of farms reporting dairy cows on April 15, 1910, was 202,539, but only 179,847 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 130,796 (considerably less than the total number reporting dairy products), and the num-

ber of dairy cows on such farms on April 15, 1910, was 916,000. The amount of milk reported was 318,955,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 348 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented, comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$31,197,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Only about one-sixth of the milk reported by Iowa farmers in 1909 was sold as such. Comparatively large quantities of milk and cream were sold on the butter fat basis. The butter made on farms in 1909 was valued at \$9,061,000.

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

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

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

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 8,355 farmers who reported the possession of 207,210 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

weighing 5,485,000 pounds, and valued at \$1,414,000. Of these totals about one-fifth represents estimates. The number of fleeces produced in 1909 was 2 per cent greater than in 1899. The average weight per fleece in 1909 was 7.5 pounds, as compared with 7 pounds in 1899, and the average value per pound was 26 cents, as compared with 20 cents in 1899.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	21,057	769,917	.....	.....	.....
Wool produced, as reported, 1909.....	13,884	.....	536,089	4,376,678	\$1,125,307
On farms reporting sheep April 15, 1910.....	12,702	562,707	533,156	4,008,888	1,033,235
On other farms.....	1,182	.....	52,933	368,090	92,072
Total production of wool (partly estimated):	.....	.....	.....	.....	.....
1909.....	.....	.....	729,484	5,484,702	1,413,711
1899.....	.....	.....	715,334	5,015,965	992,334
Increase, 1899 to 1909.....	.....	.....	14,150	468,737	421,377
Per cent of increase.....	.....	.....	2.0	0.3	42.5

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

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

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	204,635	23,482,880	.....	.....
On farms reporting eggs produced in 1909.....	185,810	22,141,774	.....	.....
On other farms.....	18,825	1,341,106	.....	.....
Eggs produced, as reported, 1909.....	187,564	.....	103,273,505	\$18,098,752
Total production of eggs (partly estimated):	.....	.....	.....	.....
1909.....	.....	.....	109,780,487	19,235,600
1899.....	.....	.....	99,621,920	10,016,707
Increase, 1899 to 1909.....	.....	.....	10,138,567	9,218,893
Per cent of increase.....	.....	.....	10.2	92.0
Eggs sold, as reported, 1909.....	176,853	.....	70,835,349	12,337,353
Fowls on farms April 15, 1910:	.....	.....	.....	.....
On farms reporting poultry raised in 1909.....	186,439	22,228,716	.....	.....
On other farms.....	18,196	1,254,164	.....	.....
Poultry raised, as reported, 1909.....	188,442	.....	No. of fowls.	13,171,819
Total poultry raised (partly estimated):	.....	.....	23,388,446	.....
1909.....	.....	.....	20,990,147	13,914,985
1899.....	.....	.....	9,491,819	4,423,166
Increase, 1899 to 1909.....	.....	.....	.....	46.6
Per cent of increase.....	.....	.....	.....	.....
Fowls sold, as reported, 1909.....	153,553	.....	10,388,967	5,207,079

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

the year 1909 was 103,274,000 dozens, valued at \$18,099,000. According to the Twelfth Census reports, the production of eggs in 1899 was 99,622,000 dozens, the value being \$10,017,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 109,760,000 dozens, valued at \$19,236,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 29,990,000 fowls, valued at \$13,915,000.

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

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

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
1909—All domestic animals:	.....	.....	.....	\$208,069,001	.....
Sold.....	.....	.....	.....	10,147,302	.....
Slaughtered.....	.....	.....	.....	.....	.....
Calves:	.....	.....	.....	2,275,732	\$8.89
Sold.....	47,028	21.7	256,071	142,981	7.84
Slaughtered.....	7,286	3.4	18,283	.....	.....
Other cattle:	.....	.....	.....	88,603,301	41.50
Sold.....	128,657	59.3	2,130,255	1,840,125	25.05
Slaughtered.....	48,883	22.5	73,454	.....	.....
Horses:	.....	.....	.....	25,970,548	143.04
Sold.....	62,087	28.0	181,556	.....	.....
Mules:	.....	.....	.....	2,229,797	142.83
Sold.....	5,056	2.6	15,612	.....	.....
Asses and burros:	.....	.....	.....	25,098	267.69
Sold.....	00	(¹)	96	.....	.....
Swine:	.....	.....	.....	85,673,509	15.51
Sold.....	152,542	70.3	5,524,519	8,128,507	16.03
Slaughtered.....	147,246	67.8	507,167	.....	.....
Sheep:	.....	.....	.....	3,245,007	5.46
Sold.....	9,025	4.6	594,869	35,044	5.67
Slaughtered.....	2,556	1.2	6,180	.....	.....
Goats:	.....	.....	.....	44,809	2.84
Sold.....	336	0.2	15,775	645	3.03
Slaughtered.....	79	(¹)	213	.....	.....
1899—All domestic animals:	.....	.....	.....	113,078,523	.....
Sold.....	.....	.....	.....	8,448,938	.....
Slaughtered.....	.....	.....	.....	.....	.....

¹ Less than one-tenth of 1 per cent.

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

The total value of domestic animals sold during 1909 was \$208,069,000, and that of animals slaughtered on farms \$10,147,000, making an aggregate of \$218,216,000. This total, however, involves consider-

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

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

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

ing and the total value of those slaughtered during 1899, which amounted, respectively, to \$113,079,000 and \$8,449,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from the sales of animals not actually raised on the farms reporting.

CROPS.

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

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

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$314,666,208	\$195,552,547	\$119,113,751	60.9	100.0	100.0
Crops with acreage reports.....	20,374,925	21,985,377	-1,610,452	-7.3	69.1	73.5	304,491,033	189,013,039	115,477,894	61.1	96.8	96.7	
Cereals.....	15,041,039	16,920,095	-1,879,056	-11.1	51.0	56.6	230,205,315	147,919,076	82,286,239	55.6	73.2	75.6	
Other grains and seeds.....	16,943	130,443	-113,500	-87.0	0.1	0.4	207,569	1,443,035	-1,235,466	-85.6	0.1	0.7	
Hay and forage.....	5,040,185	4,649,378	390,807	8.5	17.1	15.6	59,300,225	30,042,246	29,317,979	67.6	18.0	15.4	
Tobacco.....	81	131	-50	-38.2	(2)	(2)	8,751	8,345	406	4.9	(2)	(2)	
Sugar crops.....	7,276	8,287	-1,011	-12.2	(2)	(2)	208,283	218,999	-10,716	-4.9	0.1	0.1	
Sundry minor crops.....	156	2,594	-2,438	-94.0	(2)	(2)	9,288	54,538	-45,255	-83.0	(2)	(2)	
Potatoes and sweet potatoes and yams.....	171,841	178,576	-6,735	-3.8	0.6	0.6	6,754,997	3,999,727	2,755,270	68.9	2.1	2.0	
Other vegetables.....	80,402	83,193	-2,791	-3.4	0.3	0.3	5,266,411	3,599,127	1,757,284	50.1	1.7	1.8	
Flowers and plants and nursery products.....	3,791	3,045	746	24.5	(2)	(2)	1,503,305	939,490	563,806	60.0	0.5	0.5	
Small fruits.....	7,211	9,635	-2,424	-25.2	(2)	(2)	966,894	878,447	88,447	10.1	0.3	0.4	
Crops with no acreage reports.....							10,175,265	6,539,508	3,635,757	55.6	3.2	3.3	
Seeds.....							1,726,142	1,221,807	504,335	41.3	0.5	0.6	
Fruits and nuts.....							4,050,875	2,023,730	2,027,145	129.8	1.5	1.0	
Maple sugar and sirup.....							11,495	2,020	8,575	293.7	(2)	(2)	
Forest products of farms.....							3,649,032	3,260,449	382,583	11.7	1.2	1.7	
Miscellaneous.....							137,721	24,602	113,119	459.8	(2)	(2)	

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent.

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

The total value of crops in 1909 was \$314,666,000. Of this amount, 96.8 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 20,374,925, representing 69.1 per cent of the total improved land in farms (29,491,199 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of Iowa agriculture is indicated by the fact that about three-fourths (73.2 per cent) of the total value of crops in

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

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

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total		15,041,039	489,803,118	Bu...	\$230,205,315
Corn.....	196,661	9,229,378	341,750,400	Bu...	107,622,834
Oats.....	151,760	4,656,154	128,108,055	Bu...	49,046,883
Wheat, total.....	36,284	826,777	8,055,944	Bu...	7,703,205
Common winter.....	15,379	236,708	4,310,922	Bu...	4,134,036
Common spring.....	22,327	288,810	3,726,592	Bu...	3,553,695
Durum or macaroni.....	191	1,256	18,429	Bu...	15,474
Emmer and spelt.....	767	7,256	139,539	Bu...	63,436
Barley.....	36,435	571,224	10,964,184	Bu...	5,320,708
Buckwheat.....	1,731	9,006	120,559	Bu...	86,941
Rye.....	4,301	42,042	573,904	Bu...	357,220
Kafir corn and milo maize.....	66	142	3,081	Bu...	2,083
Other grains and seeds, with acreage reported, total ¹		16,943	156,866	Bu...	207,569
Dry edible beans.....	973	615	5,689	Bu...	12,428
Dry peas.....	183	731	9,007	Bu...	11,069
Flaxseed.....	1,361	15,549	140,906	Bu...	182,569
Seeds with no acreage report, total ²					1,726,142
Timothy seed.....	10,467	(9)	1,028,664	Bu...	1,405,866
Clover seed.....	2,424	(9)	26,201	Bu...	275,842
Millet seed.....	217	(9)	47,950	Bu...	32,750
Other tame grass seed.....	79	(9)	5,213	Bu...	6,772
Flower and garden seeds.....	76	(9)			4,853
Hay and forage, total	180,698	5,046,185	7,823,181	Tons.	59,360,225
Timothy alone.....	65,376	1,312,422	1,952,956	Tons.	16,307,556
Timothy and clover mixed.....	103,805	2,445,836	3,732,186	Tons.	30,350,941
Clover alone.....	8,851	125,751	195,579	Tons.	1,523,966
Alfalfa.....	4,301	20,143	84,569	Tons.	718,271
Millet or Hungarian grass.....	5,687	31,547	54,346	Tons.	339,320
Other tame or cultivated grasses.....	3,315	61,257	84,361	Tons.	517,181
Wild, salt, or prairie grasses.....	49,131	845,954	1,178,000	Tons.	6,913,714
Grains out green.....	2,130	17,131	30,804	Tons.	192,043
Coarse forage.....	17,352	177,113	510,184	Tons.	2,464,265
Root forage.....	12	81	406	Tons.	2,068
Potatoes.....	170,318	169,567	14,710,247	Bu...	6,629,234
Sweet potatoes and yams.....	3,667	2,274	232,413	Bu...	125,783
Tobacco.....	174	81	102,886	Lbs.	8,781
Sundry minor crops, total ⁴		156			9,283
Broom corn.....	49	150	75,370	Lbs.	6,670
Ginseng.....	12				2,362

¹ Includes small amounts of peanuts, sorghum cane seed, and sunflower seed.
² Includes small amount of alfalfa seed.
³ The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.
⁴ Includes small amount of hops.

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

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

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

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

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

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Hay and forage.	Potatoes.
1909.....	9,229,378	4,656,154	526,777	571,224	5,046,185	169,567
1899.....	9,804,076	4,695,391	1,689,705	627,851	4,649,378	175,888
1889.....	7,585,522	3,752,141	585,548	518,729	5,238,918	169,870
1879.....	6,616,144	1,507,577	3,049,288	198,861	2,490,027	(¹)

¹ Not reported.

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

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

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres, 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
Corn.....	90.6	92.9	31.3	32.8	-5.9	37.1 Bu.	\$18.16
Oats.....	69.9	72.7	15.8	15.7	-0.9	27.5 Bu.	10.54
Wheat.....	16.7	37.1	1.8	5.7	-68.8	15.3 Bu.	14.62
Barley.....	16.8	14.9	1.9	2.1	-9.0	19.2 Bu.	9.31
Rye.....	2.0	4.7	0.1	0.3	-52.9	13.6 Bu.	8.50
Flaxseed.....	0.6	3.6	0.1	0.4	-87.7	9.1 Bu.	11.74
Timothy seed.....	7.6	(²)	0.8	(²)	-----	4.2 Bu.	5.79
Hay and forage.....	83.3	81.8	17.1	15.6	8.5	1.55 Tons.	11.76
Potatoes.....	78.5	77.2	0.6	0.9	-3.0	86.8 Bu.	39.10

¹ A minus sign (-) denotes decrease.

² Not reported.

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

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

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

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

CROP.	FARMS REPORTING, 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	152,602	70.3	80,402	83,103	\$5,266,411	\$3,509,127
Farms reporting a product of \$500 or over.....	646	0.3	14,437	.....	773,011	.....
All other farms.....	151,956	70.0	65,965	.....	4,493,400	.....
Flowers and plants, total.....	168	0.1	361	140	657,393	320,407
Farms reporting a product of \$250 or over.....	129	0.1	.....	.....	653,984	.....
All other farms.....	39	(²)	.....	.....	3,409	.....
Nursery products, total.....	242	0.1	3,430	2,905	845,012	610,092
Farms reporting a product of \$250 or over.....	114	0.1	.....	.....	832,158	.....
All other farms.....	128	0.1	.....	.....	13,754	.....

¹ Does not include 25,112 farms which reported that they had vegetable gardens, but gave no information as to their products.

² Less than one-tenth of 1 per cent.

The total acreage of potatoes and other vegetables was 252,243 and their value \$12,021,408. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 80,402 and their value \$5,266,000, the acreage showing a decrease and the value a decided increase as compared with 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909, 646 farms in the first class, representing only a very small proportion of all the farms that reported vegetables, but containing nearly one-fifth of the acreage and producing about one-seventh of the total value of vegetables, the average acreage of vegetables per farm for these farms being 22.3 and the average value of product per acre \$53.54.

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

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

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

CROP.	Number of farms report- ing, 1909	ACRES.		Quantity (quarts), 1909	Value, 1909
		1909	1899		
Small fruits, total		7,211	9,635	10,344,052	\$966,894
Strawberries.....	19,871	2,917	2,335	5,330,105	479,511
Blackberries and dewberries.....	15,374	2,279	1,719	2,733,728	247,734
Raspberries and loganberries.....	12,574	1,573	3,394	1,728,547	191,037
Currants.....	6,900	253	1,017	317,037	27,315
Gooseberries.....	6,382	189	777	233,544	21,251
Cranberries.....	4	(1)	1	.....	3
Other berries.....	5	(1)	302	491	43

¹ Reported in small fractions.

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

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

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

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

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

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms report- ing.	Num- ber.	Farms report- ing.	Num- ber.	1909		1899
					Quantity. ¹	Value.		Quantity.^{1}
Orchard fruits, total	9,208,387	2,802,548	7,234,168	\$4,283,873	3,456,422		
Apples.....	148,750	5,847,034	74,687	1,914,325	6,746,668	3,550,729	3,129,862
Peaches and nec- tarines.....	37,135	1,060,740	14,185	283,308	23,180	24,950	5,481
Pears.....	20,784	191,125	15,370	123,262	44,449	58,777	5,014
Plums and prunes.....	78,187	1,155,041	23,046	245,281	158,036	192,421	186,312
Cherries.....	93,350	908,764	20,768	229,352	260,432	455,022	118,743
Apricots.....	1,792	5,949	649	2,200	648	942	378
Quinces.....	641	7,063	421	4,451	415	851	(2)
Mulberries.....	51	2,662	10	279	340	351	(3)
Unclassified.....							3 10,632
Grapes	51,917	1,983,485	13,281	440,126	11,708,336	330,078	7,403,900
Nuts, total	4163,337	41,059	1,721,265	436,922	484,850		
Black walnuts.....	3,945	125,194	712	24,277	1,134,061	20,589	(2)
Hickory nuts.....	1,344	32,694	51	14,670	539,203	15,251	(2)
Butternuts.....	246	4,391	46	1,888	37,931	758	(2)
Unclassified.....							2 484,850
Tropical fruits, (Japanese persimmons).	4	7	2	14	1	2	.....

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

² Included with "unclassified."

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

⁴ Includes pecans, Persian or English walnuts, almonds, chestnuts, hazelnuts, Japanese nuts, filberts, hognuts, and other nuts.

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

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Num- ber.	Percent of all farms.	Unit.	1909	1899
Cider.....	9,134	4.2	Gals....	590,352	305,676
Vinegar.....	5,498	2.5	Gals....	244,473	121,905
Wine and grape juice.....	2,377	1.1	Gals....	70,092	76,301
Dried fruits.....	2,341	1.1	Lbs....	87,421	79,740

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

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		Value.
	Number.	Percent of all farms.		Amount.	Unit.	
Maple sugar and sirup:						
Total, 1909.....	398	0.2	123,965			\$11,495
Sugar made.....	73	(?)		6,173	Lbs.....	1,212
Sirup made.....	390	0.2		8,596	Gals.....	10,283
Total, 1899.....	83	(?)				2,920
Sugar made.....				2,320	Lbs.....	280
Sirup made.....				2,662	Gals.....	2,640
Sugar beets, 1909 ¹	247	0.1	1,051	7,117	Tons.....	35,024
Sorghum cane:						
Total, 1909 ⁴						178,259
Cane grown.....	5,364	2.5	6,225	28,957	Tons.....	
Sirup made.....	5,011	2.3		260,205	Gals.....	139,233
Total, 1899.....						218,999
Cane grown.....	10,529	4.6	8,287	58,347	Tons.....	
Cane sold as such.....				10,033	Tons.....	28,304
Sirup made.....				521,212	Gals.....	190,695

¹ Number of trees. ³ Includes beets used as root forage.
² Less than one-tenth of 1 per cent. ⁴ Includes cane used as coarse forage.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the “value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;” and also, in a separate item, for the “amount received from sale of standing timber in 1909.” There were 50,952 farms in Iowa (23.5 per cent of all farms

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

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

SELECTED FARM EXPENSES AND RECEIPTS.

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

EXPENSE.	1909		Amount.	1899	INCREASE. ¹	
	Farms reporting.				Amount.	Amount.	Per cent.
	Number.	Percent of all farms.				
Labor.....	108,890	50.2	\$24,781,592	\$16,375,670	\$8,405,922	51.3
Feed.....	81,302	37.5	18,582,251	(*)		
Fertilizer.....	1,776	0.8	109,570	337,190	-227,620	-67.5

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

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

Three farmers out of every eight report some

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

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total					\$57,084,312
Corn.....	79,941	36.8	66,370,906	Bu.....	34,081,625
Oats.....	80,793	37.2	41,811,243	Bu.....	16,407,511
Barley.....	16,505	7.6	5,075,639	Bu.....	2,472,786
Hay and coarse forage....	31,556	14.5	448,721	Tons...	3,472,090

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

COUNTY TABLES.

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

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

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

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

Table 4 shows the total value of farm crops and the principal classes thereof, together with the acreage (or

trees of bearing age) and production of the principal crops for the year 1909.

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

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

Changes in 1900 figures.—After the volumes of the Twelfth Decennial United States Census (1900) had been printed, a further detailed study and analysis of the data there presented brought to light certain errors in the total farm acreage of 10 counties. These counties, with their corrected acreages, are: Allamakee, 372,448 (not 383,324); Appanoose, 314,952 (not 325,147); Benton, 448,874 (not 458,801); Buena Vista, 354,835 (not 360,231); Clarke, 256,408 (not 259,491); Fremont, 308,174 (not 328,958); Madison, 349,425 (not 354,216); Monona, 410,082 (not 386,780); Polk, 361,513 (not 370,252); and Pottawattamie, 587,001 (not 599,930).

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Adair.	Adams.	Allamakee.	Appanoose.	Audubon.
1 Population.....	2,224,771	14,420	10,998	17,328	28,701	12,671
2 <i>Population in 1900.....</i>	<i>2,231,849</i>	<i>16,192</i>	<i>13,601</i>	<i>18,711</i>	<i>26,927</i>	<i>15,622</i>
3 Number of all farms.....	217,044	2,227	1,726	2,230	2,312	1,897
4 <i>Number of all farms in 1900.....</i>	<i>228,022</i>	<i>2,387</i>	<i>1,949</i>	<i>2,368</i>	<i>2,628</i>	<i>1,988</i>
5 Color and nativity of farmers:						
6 Native white.....	167,856	1,892	1,523	1,551	2,149	1,079
7 Foreign-born white.....	48,987	335	203	676	157	818
8 Negro and other nonwhite.....	201			4	6	
9 Number of farms, classified by size:						
10 Under 3 acres.....	392	2	3	4	1	
11 3 to 9 acres.....	7,295	34	49	43	95	78
12 10 to 19 acres.....	6,037	34	32	47	119	87
13 20 to 49 acres.....	15,678	102	149	155	329	98
14 50 to 99 acres.....	32,712	450	417	357	547	385
15 100 to 174 acres.....	80,121	941	602	774	643	740
16 175 to 259 acres.....	40,304	407	249	500	323	361
17 260 to 499 acres.....	25,861	232	191	313	221	187
18 500 to 999 acres.....	2,430	22	31	34	31	10
19 1,000 acres and over.....	214	3	3	3	3	1
LAND AND FARM AREA						
20 Approximate land area.....	35,575,040	366,634	273,182	409,086	328,353	283,537
21 Land in farms.....	33,930,688	356,756	261,719	373,033	307,671	281,029
22 <i>Land in farms in 1900.....</i>	<i>34,574,337</i>	<i>360,224</i>	<i>273,042</i>	<i>335,324</i>	<i>326,147</i>	<i>282,456</i>
23 Improved land in farms.....	29,491,199	336,611	243,666	296,903	253,724	271,174
24 <i>Improved land in farms in 1900.....</i>	<i>29,397,662</i>	<i>331,670</i>	<i>249,130</i>	<i>282,256</i>	<i>262,492</i>	<i>272,197</i>
25 Woodland in farms.....	2,314,115	10,881	15,320	104,189	43,822	7,174
26 Other unimproved land in farms.....	2,125,374	9,264	2,733	41,941	10,025	3,281
27 Per cent of land area in farms.....	95.4	97.3	95.8	91.2	93.7	99.3
28 Per cent of farm land improved.....	86.9	94.4	93.1	60.8	82.5	90.3
29 Average acres per farm.....	156.3	160.2	161.6	167.3	133.0	148.5
30 Average improved acres per farm.....	135.9	151.1	141.2	101.8	109.7	142.9
VALUE OF FARM PROPERTY						
31 All farm property.....	3,745,860,544	38,398,575	27,313,705	23,209,977	21,557,869	37,606,935
32 <i>All farm property in 1900.....</i>	<i>1,834,315,546</i>	<i>16,752,236</i>	<i>14,605,011</i>	<i>13,412,268</i>	<i>12,460,080</i>	<i>14,570,045</i>
33 Per cent increase, 1900-1910.....	104.2	129.2	87.0	73.1	73.0	158.1
34 Land.....	2,801,973,729	28,864,280	20,014,452	14,267,052	15,241,419	28,737,032
35 <i>Land in 1900.....</i>	<i>1,258,751,980</i>	<i>10,868,310</i>	<i>9,662,040</i>	<i>8,339,430</i>	<i>8,111,620</i>	<i>8,814,360</i>
36 Buildings.....	455,405,671	4,033,549	3,178,104	4,860,196	2,753,708	4,158,352
37 <i>Buildings in 1900.....</i>	<i>240,302,810</i>	<i>1,965,700</i>	<i>1,628,760</i>	<i>2,284,690</i>	<i>1,653,460</i>	<i>1,630,500</i>
38 Implements and machinery.....	95,477,948	945,470	641,923	946,858	571,116	922,478
39 <i>Implements, etc., in 1900.....</i>	<i>57,960,660</i>	<i>503,840</i>	<i>408,460</i>	<i>627,670</i>	<i>373,280</i>	<i>474,110</i>
40 Domestic animals, poultry, and bees.....	2,993,003,196	4,655,276	3,470,226	3,135,871	2,991,625	3,788,993
41 <i>Domestic animals, etc., in 1900.....</i>	<i>278,330,096</i>	<i>3,414,456</i>	<i>2,908,761</i>	<i>2,110,468</i>	<i>2,321,730</i>	<i>2,660,485</i>
42 Per cent of value of all property in—						
43 Land.....	74.8	75.2	73.3	61.5	70.7	76.4
44 Buildings.....	12.2	10.5	11.6	20.9	12.8	11.1
45 Implements and machinery.....	2.5	2.2	2.4	4.1	2.6	2.5
46 Domestic animals, poultry, and bees.....	10.5	12.1	12.7	13.5	13.9	10.1
47 Average values:						
48 All property per farm.....	17,259	17,242	15,825	10,408	9,324	19,824
49 Land and buildings per farm.....	15,008	14,772	13,497	8,577	7,783	17,341
50 Land per acre.....	82.58	80.91	76.47	38.25	49.55	102.04
51 <i>Land per acre in 1900.....</i>	<i>38.56</i>	<i>50.17</i>	<i>35.39</i>	<i>21.39</i>	<i>24.95</i>	<i>54.75</i>
DOMESTIC ANIMALS (farms and ranges)						
52 Farms reporting domestic animals.....	213,131	2,191	1,688	2,199	2,259	1,864
53 Value of domestic animals.....	380,201,686	4,523,360	3,375,263	3,037,111	2,869,248	3,685,879
54 Cattle:						
55 Total number.....	4,448,006	57,128	37,646	50,350	34,457	45,699
56 Dairy cows.....	1,406,792	14,871	8,537	19,370	11,121	13,551
57 Other cows.....	614,930	8,385	6,974	5,049	3,046	6,159
58 Yearling heifers.....	564,219	7,218	4,659	6,875	3,821	6,356
59 Calves.....	569,003	6,975	4,543	7,558	4,125	6,171
60 Yearling steers and bulls.....	557,164	8,011	5,175	6,807	4,648	6,075
61 Other steers and bulls.....	735,898	11,668	7,758	4,691	7,696	6,787
62 Value.....	118,864,139	1,494,712	1,005,577	1,161,578	999,276	1,141,905
63 Horses:						
64 Total number.....	1,492,226	17,667	12,975	11,687	11,946	13,972
65 Mature horses.....	1,239,973	14,822	10,899	10,275	10,350	12,129
66 Yearling colts.....	159,679	2,097	1,613	1,261	1,387	1,392
67 Spring colts.....	42,574	688	463	151	209	451
68 Value.....	177,999,124	1,989,221	1,497,931	1,322,350	1,406,876	1,655,048
69 Mules:						
70 Total number.....	55,524	683	817	34	1,137	474
71 Mature mules.....	46,455	546	664	67	882	423
72 Yearling colts.....	7,557	113	103	16	244	39
73 Spring colts.....	1,482	24	50	1	11	7
74 Value.....	7,551,818	89,896	120,064	8,080	136,388	67,963
75 Asses and burros:						
76 Number.....	1,614	28	18		28	7
77 Value.....	280,212	6,718	7,010		6,672	210
78 Swine:						
79 Total number.....	7,545,853	94,255	72,721	47,581	24,864	78,787
80 Mature hogs.....	4,299,499	57,943	44,629	26,365	15,804	44,967
81 Spring pigs.....	3,246,354	36,312	28,092	21,216	9,060	33,820
82 Value.....	69,693,218	881,855	617,286	460,453	229,341	779,471
83 Sheep:						
84 Total number.....	1,145,549	11,852	14,125	16,370	18,551	7,573
85 Rams, ewes, and wethers.....	769,917	7,866	9,417	10,179	12,349	4,553
86 Spring lambs.....	375,632	3,986	4,708	6,191	6,202	3,020
87 Value.....	5,748,836	60,667	66,586	83,860	89,915	41,027
88 Goats:						
89 Number.....	20,664	105	146	245	220	82
90 Value.....	64,239	291	799	781	780	255
POULTRY AND BEES						
91 Number of poultry of all kinds.....	23,482,880	234,255	189,552	200,893	184,022	195,545
92 Value.....	12,269,881	127,717	101,043	92,360	113,509	100,296
93 Number of colonies of bees.....	160,025	1,593	1,156	1,840	2,735	1,038
94 Value.....	517,329	4,199	2,930	6,400	8,869	2,818

¹ See explanation of 1900 figures at close of text.

AGRICULTURE—IOWA.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Cherokee.	Chickasaw.	Clarke.	Clay.	Clayton.	Clinton.	Crawford.	Dallas.
1 Population.....	16,741	15,375	10,736	12,766	25,576	45,394	20,041	23,628
2 <i>Population in 1900.....</i>	<i>16,570</i>	<i>17,037</i>	<i>12,440</i>	<i>13,401</i>	<i>27,760</i>	<i>43,832</i>	<i>21,685</i>	<i>25,038</i>
3 Number of all farms.....	1,901	2,012	1,556	1,668	3,049	2,844	2,361	2,446
4 <i>Number of all farms in 1900.....</i>	<i>1,908</i>	<i>2,197</i>	<i>1,714</i>	<i>1,684</i>	<i>3,318</i>	<i>2,786</i>	<i>2,361</i>	<i>2,607</i>
5 Color and nativity of farmers:								
6 Native white.....	1,408	1,523	1,510	1,161	2,336	1,835	1,370	2,269
7 Foreign-born white.....	493	489	43	507	713	1,009	985	177
8 Negro and other nonwhite.....								
9 Number of farms, classified by size:								
10 Under 3 acres.....	1	1	1	1	7	30		3
11 3 to 9 acres.....	39	66	27	32	71	152	24	102
12 10 to 19 acres.....	25	45	28	26	74	99	17	62
13 20 to 49 acres.....	58	124	97	43	250	175	60	185
14 50 to 99 acres.....	192	337	283	187	580	470	209	525
15 100 to 174 acres.....	737	500	592	646	1,076	1,021	979	894
16 175 to 259 acres.....	478	302	279	345	657	574	503	395
17 260 to 499 acres.....	344	237	210	341	330	302	379	263
18 500 to 999 acres.....	25	10	38	46	23	19	38	26
19 1,000 acres and over.....	2		1	1	1	2	2	1
LAND AND FARM AREA								
20 Approximate land area..... acres.....	360,654	318,249	274,010	360,658	487,743	442,481	457,588	370,813
21 Land in farms..... acres.....	361,435	307,522	260,944	335,912	461,417	423,460	439,451	356,181
22 <i>Land in farms in 1900.....</i>	<i>364,648</i>	<i>311,208</i>	<i>269,491</i>	<i>344,060</i>	<i>459,892</i>	<i>423,351</i>	<i>449,966</i>	<i>359,390</i>
23 Improved land in farms..... acres.....	327,047	269,213	209,483	318,382	323,511	372,916	415,307	304,173
24 <i>Improved land in farms in 1900.....</i>	<i>325,835</i>	<i>266,030</i>	<i>197,318</i>	<i>324,315</i>	<i>314,776</i>	<i>333,662</i>	<i>416,217</i>	<i>307,321</i>
25 Woodland in farms..... acres.....	11,123	16,608	20,923	7,784	96,191	25,496	12,345	20,072
26 Other unimproved land in farms..... acres.....	23,260	31,701	30,538	14,796	36,715	25,057	11,799	22,956
27 Per cent of land area in farms.....	98.6	96.6	95.2	93.1	94.6	95.7	96.0	94.5
28 Per cent of farm land improved.....	90.5	84.3	80.3	93.3	71.2	88.1	94.5	85.4
29 Average acres per farm.....	190.1	152.8	167.7	201.4	151.3	148.9	186.1	145.6
30 Average improved acres per farm.....	172.0	128.8	134.6	187.9	107.7	131.1	175.9	124.4
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	46,729,008	26,555,104	21,833,423	30,715,857	37,651,066	51,768,458	52,503,943	46,819,944
32 <i>All farm property in 1900.....</i>	<i>19,325,614</i>	<i>16,765,918</i>	<i>10,823,038</i>	<i>16,180,252</i>	<i>21,903,228</i>	<i>28,690,135</i>	<i>23,084,466</i>	<i>20,476,659</i>
33 Per cent increase, 1900-1910.....	142.9	58.4	100.6	90.4	71.9	80.4	127.4	123.8
34 Land..... dollars.....	36,465,512	18,285,873	16,070,452	23,304,306	25,119,431	36,728,066	40,201,430	35,542,623
35 <i>Land in 1900.....</i>	<i>19,311,680</i>	<i>11,694,740</i>	<i>7,131,900</i>	<i>11,440,140</i>	<i>13,366,980</i>	<i>19,633,080</i>	<i>15,266,790</i>	<i>14,184,010</i>
36 Buildings..... dollars.....	4,611,012	4,184,362	2,420,596	3,448,984	6,359,883	8,004,621	5,541,333	4,675,550
37 <i>Buildings in 1900.....</i>	<i>2,823,410</i>	<i>2,350,000</i>	<i>1,248,990</i>	<i>1,760,250</i>	<i>2,966,540</i>	<i>4,225,110</i>	<i>3,049,300</i>	<i>2,606,300</i>
38 Implements and machinery..... dollars.....	1,157,358	822,003	470,949	807,053	1,461,091	1,336,437	1,281,548	888,785
39 <i>Implements etc., in 1900.....</i>	<i>673,340</i>	<i>539,290</i>	<i>318,790</i>	<i>526,780</i>	<i>598,590</i>	<i>822,230</i>	<i>779,680</i>	<i>600,000</i>
40 Domestic animals, poultry, and bees..... dollars.....	4,495,126	3,261,936	2,871,426	3,155,509	4,710,661	5,699,364	5,479,602	4,612,988
41 <i>Domestic animals, etc., in 1900.....</i>	<i>3,051,784</i>	<i>2,251,826</i>	<i>2,183,338</i>	<i>2,415,032</i>	<i>3,217,318</i>	<i>3,989,716</i>	<i>3,988,812</i>	<i>3,279,639</i>
42 Per cent of value of all property in—								
43 Land.....	78.0	68.9	73.6	75.9	66.7	70.0	76.6	77.6
44 Buildings.....	9.9	15.8	11.1	11.2	16.9	15.5	10.6	10.2
45 Implements and machinery.....	2.5	3.1	2.2	2.6	3.9	2.6	2.4	2.2
46 Domestic animals, poultry, and bees.....	9.6	12.3	13.2	10.3	12.5	11.0	10.4	10.1
47 Average values.....								
48 All property per farm..... dollars.....	24,581	13,198	14,032	18,416	12,349	18,203	22,238	19,733
49 Land and buildings per farm..... dollars.....	21,608	11,168	11,834	16,039	10,324	19,724	19,374	16,442
50 Land per acre..... dollars.....	100.89	59.46	61.69	69.38	64.44	86.73	91.48	99.79
51 <i>Land per acre in 1900.....</i>	<i>37.62</i>	<i>37.22</i>	<i>27.43</i>	<i>35.16</i>	<i>30.07</i>	<i>46.53</i>	<i>35.23</i>	<i>39.31</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	1,867	1,991	1,536	1,637	3,004	2,774	2,033	2,407
53 Value of domestic animals..... dollars.....	4,392,264	3,149,630	2,785,508	3,064,166	4,536,849	5,521,555	5,341,038	4,459,451
54 Cattle:								
55 Total number.....	47,133	49,613	39,633	67,634	67,634	71,122	62,309	42,231
56 Dairy cows.....	10,328	20,255	7,640	13,076	29,731	23,550	15,133	12,678
57 Other cows.....	8,217	4,976	4,712	6,606	6,606	8,238	10,340	4,010
58 Yearling heifers.....	5,611	6,834	3,259	5,935	9,042	8,658	8,579	4,438
59 Calves.....	4,378	7,032	3,250	5,188	9,667	9,593	7,961	4,402
60 Yearling steers and bulls.....	6,031	5,483	4,360	5,435	7,123	8,080	8,906	4,921
61 Other steers and bulls.....	12,063	4,133	7,412	5,943	5,465	12,098	11,390	11,232
62 Value..... dollars.....	1,384,598	1,107,004	907,905	1,029,669	1,602,944	1,960,470	1,705,161	1,317,484
63 Horses:								
64 Total number.....	15,304	12,422	11,707	12,426	17,384	10,251	18,098	17,277
65 Mature horses.....	13,305	10,694	9,883	10,797	14,902	16,641	15,595	14,049
66 Yearling colts.....	1,637	1,469	1,489	1,180	2,108	2,063	1,862	1,757
67 Spring colts.....	402	259	355	449	374	547	641	671
68 Value..... dollars.....	1,953,057	1,489,836	1,442,677	1,429,490	1,939,796	2,400,960	2,142,821	2,202,602
69 Mules:								
70 Total number.....	400	25	558	166	97	238	745	689
71 Mature mules.....	334	23	464	156	87	225	692	605
72 Yearling colts.....	59	2	82	8	3	12	43	84
73 Spring colts.....	7		12	2	1	1	20	20
74 Value..... dollars.....	62,914	3,480	71,362	22,435	11,444	33,430	108,985	106,163
75 Asses and burros:								
76 Number.....	5	14	24	10	16	6	9	
77 Value..... dollars.....	3,251	1,428	3,402	1,690	975	200	1,180	
78 Swine:								
79 Total number.....	97,661	53,243	33,170	54,081	120,227	134,793	162,080	79,218
80 Mature hogs.....	55,528	33,855	22,395	29,910	49,085	69,756	86,076	48,527
81 Spring pigs.....	42,133	19,388	10,775	24,162	71,142	65,037	76,004	30,691
82 Value..... dollars.....	952,533	519,307	329,374	527,649	890,115	1,097,707	1,357,851	807,002
83 Sheep:								
84 Total number.....	6,075	5,652	5,679	12,149	19,221	5,790	5,343	5,245
85 Rams, ewes, and wethers.....	3,878	3,846	3,741	8,331	12,403	3,952	3,601	3,217
86 Spring lambs.....	2,197	1,806	1,938	3,818	6,818	2,133	1,652	2,028
87 Value..... dollars.....	35,780	28,463	30,625	53,153	91,031	27,338	24,492	25,579
88 Goats:								
89 Number.....	42	48	91	21	107	479	163	256
90 Value..... dollars.....	131	112	293	80	544	1,450	603	731
POULTRY AND BEES								
91 Number of poultry of all kinds.....	206,024	224,634	146,542	167,166	330,777	310,016	310,843	278,016
92 Value..... dollars.....	98,257	109,016	81,926	87,082	163,458	163,901	133,167	147,341
93 Number of colonies of bees.....	1,332	1,065	1,440	1,025	3,079	4,189	1,570	1,799
94 Value..... dollars.....	4,605	3,290	3,992	4,281	10,354	13,908	5,342	5,694

1 See explanation of 1900 figures at close of text.

TABLE 1.—FARMS AND FARM PROPERTY,

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

Table with 9 columns (county names: Grundy, Guthrie, Hamilton, Hancock, Hardin, Harrison, Henry, Howard) and numerous rows of data including Population, Number of farms, Color and nativity of farmers, Land and farm area, Value of farm property, Domestic animals (Cattle, Horses, Mules, Asses and burros, Swine, Sheep, Goats), and Poultry and bees.

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

AGRICULTURE—IOWA.

BY COUNTIES: APRIL 15, 1910—Continued.

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

Table with 13 columns representing counties: Humboldt, Ida., Iowa, Jackson, Jasper, Jefferson, Johnson, Jones, Keokuk, Kossuth, Lee, and Linn. Rows 1-28 and 29-93 contain agricultural data for various years, with values for each county. Some values are in italics to indicate comparative data for 1900.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Poweshiek.	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama. ¹
1 Population	19,589	12,904	16,555	60,000	16,552	25,248	24,083	22,156
2 <i>Population in 1900</i>	19,414	15,325	17,659	51,558	17,932	23,337	23,159	24,585
3 Number of all farms	2,253	2,053	2,014	2,405	2,213	2,715	2,385	2,602
4 <i>Number of all farms in 1900</i>	2,322	2,556	1,999	2,347	2,587	2,451	2,436	2,765
5 Color and nativity of farmers:								
6 Native white.....	1,903	1,960	1,426	1,524	1,373	1,275	1,873	1,789
7 Foreign-born white.....	350	93	588	880	833	1,440	512	799
8 Negro and other nonwhite.....				1	2			14
9 Number of farms, classified by size:								
10 Under 3 acres.....	4	1	6	29	1		2	2
11 3 to 9 acres.....	75	51	74	212	60	131	86	55
12 10 to 19 acres.....	53	42	36	174	32	83	82	57
13 20 to 49 acres.....	149	169	70	260	108	105	128	160
14 50 to 99 acres.....	343	429	247	333	249	249	435	391
15 100 to 174 acres.....	872	716	810	822	888	1,030	950	970
16 175 to 259 acres.....	470	369	448	356	479	659	409	558
17 260 to 499 acres.....	260	233	309	100	235	430	280	380
18 500 to 999 acres.....	25	39	10	8	26	28	13	29
19 1,000 acres and over.....	2	4	4	1	1			
LAND AND FARM AREA								
20 Approximate land area..... acres.....	370,955	345,614	367,208	287,431	376,933	486,395	362,681	460,496
21 Land in farms..... acres.....	359,765	325,433	360,529	276,073	370,317	475,438	351,286	440,404
22 <i>Land in farms in 1900</i> acres.....	368,620	340,111	364,232	273,945	371,873	476,621	356,654	439,477
23 Improved land in farms..... acres.....	337,404	292,320	329,001	249,876	351,849	439,396	313,202	399,494
24 <i>Improved land in farms in 1900</i> acres.....	333,773	295,581	354,151	254,739	350,733	452,031	329,366	392,477
25 Woodland in farms..... acres.....	14,997	25,999	8,294	16,162	10,060	5,610	14,961	26,993
26 Other unimproved land in farms..... acres.....	7,364	7,164	23,234	10,535	8,408	30,432	23,123	13,917
27 Per cent of land area in farms.....	97.0	94.2	96.0	96.0	98.2	97.7	96.9	95.6
28 Per cent of farm land improved.....	93.8	89.8	91.3	90.3	95.0	92.4	89.2	90.7
29 Average acres per farm.....	159.7	158.5	179.0	114.8	167.3	175.1	147.3	169.3
30 Average improved acres per farm.....	149.8	142.4	163.4	103.7	159.0	161.8	131.3	153.5
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	48,771,608	26,512,440	49,209,738	40,992,072	53,901,139	64,919,583	47,452,180	60,511,646
32 <i>All farm property in 1900</i> dollars.....	22,457,094	15,196,314	20,305,695	22,201,755	20,521,027	25,086,258	21,925,924	26,424,631
33 Per cent increase, 1900-1910.....	117.2	74.5	142.3	84.6	162.7	158.8	116.4	129.0
34 Land..... dollars.....	37,031,194	19,109,047	38,648,291	29,192,269	41,740,787	51,196,247	36,763,601	46,686,156
35 <i>Land in 1900</i> dollars.....	14,935,600	9,877,970	13,322,300	14,987,980	15,813,760	18,568,110	15,780,390	13,454,730
36 Buildings..... dollars.....	5,295,080	3,206,021	5,118,200	6,944,890	5,532,337	6,334,895	5,202,876	6,507,070
37 <i>Buildings in 1900</i> dollars.....	2,824,640	1,688,330	2,590,690	3,973,940	2,418,980	2,675,470	2,627,360	3,281,610
38 Implements and machinery..... dollars.....	1,090,781	638,905	1,173,758	1,172,238	1,255,165	1,616,347	1,153,076	1,428,308
39 <i>Implements, etc., in 1900</i> dollars.....	632,790	414,870	633,120	750,200	661,610	767,980	653,280	805,670
40 Domestic animals, poultry, and bees..... dollars.....	5,354,553	3,558,467	4,269,489	3,682,675	5,372,850	5,772,094	4,327,627	5,890,112
41 <i>Domestic animals, etc., in 1900</i> dollars.....	3,966,124	3,215,154	3,139,635	2,439,635	3,626,677	3,094,698	2,859,454	3,902,621
42 Per cent of value of all property in—								
43 Land.....	75.9	72.1	78.5	71.2	77.4	78.9	77.5	77.2
44 Buildings.....	10.9	12.1	10.4	16.9	10.3	9.8	11.0	10.8
45 Implements and machinery.....	2.2	2.4	2.4	2.9	2.3	2.5	2.4	2.4
46 Domestic animals, poultry, and bees.....	11.0	13.4	8.7	9.0	10.0	8.9	9.1	9.7
47 Average values:								
48 All property per farm..... dollars.....	21,647	12,914	24,434	17,045	24,357	23,911	19,896	23,256
49 Land and buildings per farm..... dollars.....	18,787	10,869	21,731	15,026	21,362	21,190	17,596	20,443
50 Land per acre..... dollars.....	102.93	58.71	107.20	105.74	112.72	107.68	104.65	106.01
51 <i>Land per acre in 1900</i> dollars.....	40.87	29.04	38.14	53.73	37.16	38.94	44.25	41.95
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	2,228	1,996	1,982	2,346	2,191	2,692	2,328	2,560
53 Value of domestic animals..... dollars.....	5,213,089	3,438,905	4,145,221	3,546,267	5,245,562	5,625,894	4,149,585	5,719,595
Cattle:								
54 Total number.....	54,156	39,161	50,199	43,610	59,685	68,488	39,411	70,443
55 Dairy cows.....	13,446	10,982	12,731	17,910	12,909	19,822	14,181	17,245
56 Other cows.....	9,130	5,087	9,756	5,468	13,685	10,610	4,309	11,477
57 Yearling heifers.....	6,874	4,119	7,057	5,442	8,436	10,160	4,994	9,558
58 Calves.....	6,815	3,772	5,716	5,614	6,959	10,013	5,305	9,156
59 Yearling steers and bulls.....	7,529	5,297	6,913	4,782	7,730	9,231	5,046	9,817
60 Other steers and bulls.....	10,362	9,904	8,026	4,394	9,966	8,652	5,576	13,190
61 Value..... dollars.....	1,625,805	1,101,402	1,331,850	1,230,988	1,768,164	1,710,103	1,045,853	1,895,777
Horses:								
62 Total number.....	19,112	14,707	16,121	13,084	17,961	20,600	18,244	20,025
63 Mature horses.....	16,349	12,129	13,869	11,809	15,544	17,680	15,749	16,916
64 Yearling colts.....	2,167	2,122	1,713	1,052	1,805	2,165	1,975	2,403
65 Spring colts.....	596	456	539	223	612	755	520	706
66 Value..... dollars.....	2,379,866	1,691,757	1,927,948	1,521,354	2,199,101	2,540,606	2,329,203	2,497,856
Mules:								
67 Total number.....	820	1,079	620	439	578	275	481	369
68 Mature mules.....	667	816	552	429	482	237	378	333
69 Yearling colts.....	136	218	58	9	70	33	89	31
70 Spring colts.....	17	45	10	1	26	5	14	5
71 Value..... dollars.....	110,350	130,483	74,299	53,360	80,743	33,049	63,498	50,938
Asses and burros:								
72 Number.....	5	91	10	8	9	8	13	6
73 Value..... dollars.....	1,775	12,245	2,345	1,140	3,075	1,041	2,120	1,170
Swine:								
74 Total number.....	110,831	47,031	76,311	95,259	124,350	124,619	66,138	129,818
75 Mature hogs.....	65,780	31,371	44,226	39,794	66,051	66,665	38,247	70,415
76 Spring pigs.....	45,051	15,660	32,085	55,465	58,299	57,954	27,891	59,403
77 Value..... dollars.....	1,034,822	417,921	756,408	718,007	1,164,365	1,264,540	670,696	1,199,944
Sheep:								
78 Total number.....	12,358	15,350	8,603	3,458	5,714	15,551	5,748	13,541
79 Rams, ewes, and wethers.....	7,837	9,683	5,571	2,100	4,217	10,193	3,912	8,395
80 Spring lambs.....	4,521	5,667	3,032	1,358	1,497	5,358	1,836	5,146
81 Value..... dollars.....	59,951	84,472	52,190	16,270	29,351	76,110	36,228	73,215
Goats:								
82 Number.....	145	135	77	33	241	106	657	243
83 Value..... dollars.....	450	625	181	148	763	445	1,987	695
POULTRY AND BEES								
84 Number of poultry of all kinds.....	241,412	198,366	235,614	260,334	244,319	299,384	333,028	341,630
85 Value..... dollars.....	136,658	114,874	120,297	130,237	123,060	143,335	171,665	165,199
86 Number of colonies of bees.....	1,484	1,691	1,201	1,704	1,642	695	1,761	1,604
87 Value..... dollars.....	4,806	4,688	3,971	6,171	4,228	2,865	6,377	5,318

¹ Includes agricultural data for Sac and Fox Indian Reservation.

AGRICULTURE—IOWA.

529

BY COUNTIES: APRIL 15, 1910—Continued.

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

Table with 14 columns (Taylor, Union, Van Buren, Wapello, Warren, Washington, Wayne, Webster, Winnebago, Winneshek, Woodbury, Worth, Wright) and rows numbered 1 to 83. Each cell contains numerical data, with some values in italics representing comparative data for June 1, 1900.

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

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

	THE STATE.	Adair.	Adams.	Allamakee.	Appanoose.	Audubon.	
FARMS OPERATED BY OWNERS							
1	Number of farms.....	133,003	1,298	1,088	1,861	1,682	1,202
2	Number of farms in 1900.....	<i>147,805</i>	<i>1,450</i>	<i>1,238</i>	<i>2,056</i>	<i>1,769</i>	<i>1,285</i>
3	Per cent of all farms.....	61.3	58.3	63.0	83.5	72.8	63.4
4	Per cent of all farms in 1900.....	<i>64.4</i>	<i>60.7</i>	<i>65.5</i>	<i>88.1</i>	<i>70.0</i>	<i>64.5</i>
5	Land in farms..... acres.....	20,214,337	207,593	167,090	312,585	233,567	175,581
6	Improved land in farms..... acres.....	17,432,235	195,967	156,161	190,774	191,133	168,360
7	Value of land and buildings..... dollars.....	1,942,594,349	19,469,155	15,000,297	16,093,288	13,638,424	21,090,339
Degree of ownership:							
8	Farms consisting of owned land only.....	106,464	993	837	1,657	1,335	956
9	Farms consisting of owned and hired land.....	26,539	305	251	204	347	246
Color and nativity of owners:							
10	Native white.....	98,615	1,041	917	1,227	1,544	570
11	Foreign-born white.....	34,252	257	171	632	133	632
12	Negro and other nonwhite.....	136			2	5	
FARMS OPERATED BY TENANTS							
13	Number of farms.....	82,115	908	634	353	622	685
14	Number of farms in 1900.....	<i>79,736</i>	<i>908</i>	<i>680</i>	<i>274</i>	<i>737</i>	<i>697</i>
15	Per cent of all farms.....	37.8	40.8	36.7	15.8	26.9	36.1
16	Per cent of all farms in 1900.....	<i>34.9</i>	<i>38.0</i>	<i>34.9</i>	<i>11.6</i>	<i>29.2</i>	<i>35.1</i>
17	Land in farms..... acres.....	13,225,546	143,795	94,358	57,788	71,258	102,483
18	Improved land in farms..... acres.....	11,674,987	135,769	87,250	34,590	60,228	99,353
19	Value of land and buildings..... dollars.....	1,269,791,126	12,944,839	8,157,784	2,887,670	4,217,043	11,408,475
Form of tenancy:							
20	Share tenants.....	20,935	205	177	160	236	93
21	Share-cash tenants.....	14,129	118	86	20	85	148
22	Cash tenants.....	43,394	556	358	161	297	433
23	Tenure not specified.....	3,657	29	13	12	4	11
Color and nativity of tenants:							
24	Native white.....	67,547	832	603	311	599	501
25	Foreign-born white.....	14,505	76	31	40	22	184
26	Negro and other nonwhite.....	63			2	1	
FARMS OPERATED BY MANAGERS							
27	Number of farms.....	1,926	21	4	16	8	10
28	Number of farms in 1900.....	<i>1,581</i>	<i>29</i>	<i>31</i>	<i>8</i>	<i>20</i>	<i>8</i>
29	Land in farms..... acres.....	490,805	5,368	271	2,660	2,746	3,565
30	Improved land in farms..... acres.....	383,977	4,875	255	1,539	2,313	3,461
31	Value of land and buildings..... dollars.....	44,993,925	483,835	34,475	146,290	139,660	396,650
MORTGAGE DEBT REPORTS							
For all farms operated by owners:							
32	Number free from mortgage debt.....	63,234	536	450	1,091	810	403
33	Number with mortgage debt.....	68,045	750	619	766	858	793
34	Number with no mortgage report.....	1,724	12	19	4	14	6
For farms consisting of owned land only:							
35	Number reporting debt and amount.....	50,452	536	442	663	633	605
36	Value of their land and buildings..... dollars.....	735,265,320	7,849,794	5,928,238	5,537,968	4,873,585	10,839,085
37	Amount of mortgage debt..... dollars.....	204,242,722	2,211,957	1,698,160	1,643,715	1,392,934	3,080,495
38	Per cent of value of land and buildings.....	27.8	28.2	28.6	29.7	28.6	28.4

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....	number..	1,306,676	13,201	7,658	18,777	10,374	12,814
2	Dairy cows on farms reporting milk produced.....	number..	916,153	9,553	3,239	15,054	9,990	7,536
3	Milk—Produced.....	gallons..	318,954,506	2,844,444	1,046,441	6,363,340	2,160,822	2,874,984
4	Sold.....	gallons..	55,241,511	56,869	64,340	49,490	70,367	76,139
5	Cream sold.....	gallons..	8,062,449	92,659	48,923	203,014	21,713	34,319
6	Butter fat sold.....	pounds..	42,917,696	526,184	323,725	1,209,990	55,048	874,241
7	Butter—Produced.....	pounds..	38,679,568	224,156	246,021	404,534	527,853	197,830
8	Sold.....	pounds..	17,917,387	96,791	61,967	131,794	291,481	48,843
9	Cheese—Produced.....	pounds..	78,538			175	260	
10	Sold.....	pounds..	61,160					
11	Value of dairy products, excluding home use of milk and cream.....	dollars..	31,196,883	274,356	166,353	522,557	165,353	320,871
12	Receipts from sale of dairy products.....	dollars..	26,429,743	243,685	124,465	455,684	112,368	285,267
Poultry Products								
13	Poultry—Raised.....	number..	28,388,446	316,660	215,538	186,462	274,662	252,630
14	Sold.....	number..	10,388,907	120,896	77,771	69,884	100,046	96,838
15	Eggs—Produced.....	dozens..	103,273,505	1,009,105	900,869	820,303	941,685	810,900
16	Sold.....	dozens..	70,535,349	653,103	602,288	578,139	632,945	534,675
17	Value of poultry and eggs produced.....	dollars..	31,270,571	328,060	240,040	230,711	306,687	249,996
18	Receipts from sale of poultry and eggs.....	dollars..	17,594,432	175,518	131,945	141,746	171,662	134,660
Honey and Wax								
19	Honey produced.....	pounds..	2,374,080	25,880	15,985	44,260	23,726	14,607
20	Wax produced.....	pounds..	44,266	222	231	925	44	173
21	Value of honey and wax produced.....	dollars..	285,429	2,977	1,965	4,953	3,784	1,731
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....	number..	586,089	6,628	7,673	7,583	11,028	3,067
23	Mohair and goat hair, fleeces shorn.....	number..	8,703	12	74	120	45	4
24	Value of wool and mohair produced.....	dollars..	1,132,568	12,595	14,457	16,154	20,761	7,708
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....	number..	274,306	1,553	1,849	3,704	2,001	993
26	Other cattle—Sold or slaughtered.....	number..	2,203,709	28,610	20,649	16,567	19,613	22,626
27	Horses, mules, and asses and burros—Sold.....	number..	197,264	2,338	2,084	1,409	2,410	1,321
28	Swine—Sold or slaughtered.....	number..	6,031,686	68,328	58,884	39,666	38,990	56,075
29	Sheep and goats—Sold or slaughtered.....	number..	617,037	4,861	9,144	4,543	11,100	3,366
30	Receipts from sale of animals.....	dollars..	208,069,001	2,331,931	1,921,233	1,281,366	1,655,793	1,895,777
31	Value of animals slaughtered.....	dollars..	10,147,302	102,513	76,838	112,255	121,518	97,662

AGRICULTURE—IOWA.

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

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

	Benton.	Blackhawk.	Boone.	Bremer.	Buchanan.	Buena Vista.	Butler.	Calhoun.	Carroll.	Cass.	Cedar.	Cerro Gordo.
1												
2	1,468	1,248	1,426	1,377	1,456	990	1,214	1,011	1,189	1,357	1,360	1,048
3	<i>1,662</i>	<i>1,418</i>	<i>1,595</i>	<i>1,463</i>	<i>1,649</i>	<i>1,215</i>	<i>1,302</i>	<i>1,252</i>	<i>1,306</i>	<i>1,442</i>	<i>1,492</i>	<i>1,229</i>
4	55.3	57.6	55.2	70.0	62.4	51.2	54.5	51.6	56.8	59.2	61.0	56.3
	<i>59.9</i>	<i>62.8</i>	<i>59.7</i>	<i>73.3</i>	<i>67.4</i>	<i>62.0</i>	<i>58.5</i>	<i>58.7</i>	<i>58.8</i>	<i>60.2</i>	<i>65.1</i>	<i>63.8</i>
5	247,663	184,677	181,424	184,353	208,642	167,942	179,271	171,921	200,958	210,831	203,733	181,015
6	225,784	165,160	152,491	157,403	182,462	157,369	161,500	160,885	189,719	202,650	182,188	161,680
7	30,891,609	20,987,492	19,747,641	16,098,144	17,675,647	17,449,149	16,711,127	18,257,923	24,578,845	25,196,461	26,311,606	15,697,318
8	1,129	1,057	1,054	1,161	1,213	770	963	813	1,020	1,038	1,155	823
9	339	191	372	216	243	220	251	198	169	319	205	225
10	1,170	920	990	990	1,160	480	784	682	673	1,011	1,005	703
11	298	328	436	387	296	510	430	329	516	346	354	345
12											1	
13	1,185	909	1,143	576	850	930	1,004	940	892	903	831	791
14	<i>1,100</i>	<i>825</i>	<i>1,072</i>	<i>531</i>	<i>735</i>	<i>785</i>	<i>894</i>	<i>878</i>	<i>739</i>	<i>852</i>	<i>785</i>	<i>707</i>
15	43.9	41.9	44.3	29.3	36.4	48.1	45.1	48.0	42.6	39.4	37.3	42.5
16	<i>39.7</i>	<i>36.6</i>	<i>40.1</i>	<i>26.5</i>	<i>32.0</i>	<i>37.1</i>	<i>43.1</i>	<i>41.1</i>	<i>36.3</i>	<i>38.9</i>	<i>34.3</i>	<i>36.1</i>
17	196,403	153,469	158,649	80,418	135,449	177,925	169,723	175,254	148,449	137,433	139,543	148,633
18	181,343	131,917	136,325	69,884	114,600	163,104	145,475	162,945	139,720	132,772	125,370	133,033
19	23,834,957	16,826,603	16,529,609	6,658,677	10,480,691	17,106,977	15,032,249	17,351,837	17,389,717	15,660,103	17,201,308	12,240,873
20	186	199	268	141	222	124	195	327	147	198	121	195
21	144	18	206	25	68	268	151	275	121	91	35	191
22	783	532	660	405	530	539	644	279	498	606	564	399
23	52	160	9	5	30	9	14	59	126	8	111	6
24	992	761	974	469	755	632	698	797	723	806	637	640
25	173	147	169	107	95	298	306	143	169	97	194	151
26												
27	23	11	12	15	28	14	8	7	11	32	37	22
28	<i>18</i>	<i>14</i>	<i>3</i>	<i>5</i>	<i>15</i>	<i>18</i>	<i>8</i>	<i>4</i>	<i>20</i>	<i>21</i>	<i>14</i>	<i>21</i>
29	5,487	1,957	1,303	2,759	7,407	3,418	3,860	2,200	2,529	6,153	7,229	6,968
30	4,780	1,732	881	2,218	6,531	3,064	3,455	2,182	2,330	5,548	5,991	6,132
31	590,450	303,800	159,975	294,770	661,860	359,650	349,750	243,200	286,898	692,290	897,660	555,500
32	779	642	709	792	734	400	582	398	584	551	632	476
33	666	590	681	558	711	567	608	607	583	788	705	561
34	23	16	36	27	11	23	26	6	22	18	23	11
35	461	474	441	447	571	419	434	456	466	570	568	400
36	9,191,294	7,927,731	5,986,508	4,976,327	6,865,527	7,452,344	6,293,905	8,394,263	9,470,418	10,694,746	10,537,117	5,682,065
37	2,292,235	2,093,808	1,513,726	1,614,918	2,049,129	1,933,904	1,821,295	2,072,950	2,258,481	3,102,659	3,104,621	1,705,369
38	24.9	26.4	25.3	32.5	29.8	28.0	28.9	24.7	23.8	29.0	29.5	30.0

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	16,247	20,604	13,696	23,429	18,607	13,322	18,169	10,046	14,099	9,894	12,705	14,441
2	12,296	11,097	8,632	19,822	10,322	10,786	11,923	9,457	8,255	6,685	11,844	6,933
3	4,472,438	4,550,959	3,074,790	7,348,450	3,556,545	3,575,452	4,032,181	2,962,510	2,522,699	2,665,777	4,078,790	2,268,531
4	64,599	3,780,212	281,845	7,624,123	1,830,765	114,389	2,974,237	204,614	155,805	124,758	182,456	359,892
5	179,657	94,298	94,506	10,390	206,663	64,737	116,370	46,419	69,637	68,768	67,658	77,244
6	502,131	732,697	262,808	154,202	456,836	498,446	391,028	368,769	570,901	340,547	398,639	713,581
7	607,086	132,045	590,735	38,876	258,012	387,171	104,451	231,696	313,202	441,375	517,627	344,329
8	261,969	87,804	288,131	18,827	174,339	149,431	38,882	88,424	114,983	162,387	198,708	172,981
9			50	796	796	21	200	2,600	65	1,084	1,084	
10						100	100	2,600		368	368	
11	398,535	697,008	311,914	750,794	494,513	281,069	458,971	189,232	287,739	246,949	279,118	370,832
12	318,147	684,330	240,054	745,194	472,524	223,303	442,604	158,206	243,221	183,018	206,765	330,983
13	369,459	288,843	360,506	264,841	319,990	252,500	334,934	251,475	327,283	301,023	325,755	242,515
14	140,639	99,162	114,373	101,791	140,292	95,144	122,018	92,947	96,791	122,340	130,027	106,514
15	1,307,847	975,571	1,312,173	986,611	1,085,955	828,145	1,121,404	903,740	1,143,235	1,053,676	1,191,427	837,337
16	871,988	678,474	877,257	738,797	807,114	554,305	825,120	591,653	795,735	677,192	796,559	588,204
17	406,477	320,692	399,094	287,619	360,280	254,438	363,888	274,351	319,515	317,399	378,233	280,729
18	223,306	178,025	210,584	175,357	226,773	140,353	213,594	146,507	172,893	172,676	211,687	164,586
19	33,114	32,685	27,629	34,670	24,297	19,916	37,151	16,136	20,049	27,083	46,729	20,443
20	783	480	455	845	551	293	183	72	210	281	410	188
21	3,926	3,591	3,467	3,782	2,776	2,510	4,176	2,213	2,383	3,149	5,089	2,443
22	3,504	2,944	2,013	2,430	3,903	4,194	2,544	1,561	2,369	8,477	11,396	2,965
23	45	2	12	117	1	65	202	51	1	2	116	
24	7,262	5,979	2,909	5,244	8,075	6,281	5,221	3,088	3,745	15,422	20,268	5,962
25	2,832	7,316	3,410	12,371	8,611	1,683	2,756	2,169	1,823	1,633	2,174	2,224
26	33,396	19,186	17,517	10,426	24,723	20,187	18,239	12,523	16,754	35,111	30,915	19,484
27	2,562	3,018	1,910	1,338	2,475	1,281	1,356	1,220	1,452	2,328	2,819	1,108
28	101,852	59,085	42,640	48,077	62,497	52,610	50,404	34,503	58,452	79,859	107,398	39,904
29	7,768	3,153	1,089	1,422	3,595	1,676	1,303	690	3,415	13,005	21,333	2,369
30	3,133,288	2,108,579	1,473,804	1,266,220	2,209,460	1,762,524	1,488,989	1,043,683	1,600,801	3,054,396	3,763,278	1,461,491
31	125,063	85,467	110,095	96,573	79,811	77,299	95,286	98,323	132,737	95,246	121,542	64,641

AGRICULTURE—IOWA.

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

	Cherokee.	Chickasaw.	Clarke.	Clay.	Clayton.	Clinton.	Crawford.	Dallas.
FARMS OPERATED BY OWNERS								
1	929	1,413	969	906	2,346	1,722	1,330	1,400
2	<i>1,102</i>	<i>1,671</i>	<i>1,078</i>	<i>953</i>	<i>2,873</i>	<i>1,671</i>	<i>1,639</i>	<i>1,584</i>
3	48.9	70.2	62.3	54.3	76.9	60.5	56.3	57.2
4	57.8	76.1	62.3	56.6	80.6	60.0	61.9	60.8
5	175,537	214,580	162,940	177,933	346,463	244,658	258,034	194,011
6	157,680	181,738	130,361	168,052	247,074	217,378	244,227	105,335
7	20,082,465	15,733,820	11,655,596	14,670,343	23,763,213	26,516,405	27,033,293	22,227,894
Degree of ownership:								
8	652	1,102	680	649	2,047	1,509	1,106	1,092
9	277	311	289	257	299	213	224	303
Color and nativity of owners:								
10	667	1,016	930	566	1,720	1,094	640	1,270
11	263	397	37	340	626	628	681	130
12			2					
FARMS OPERATED BY TENANTS								
13	961	591	541	754	675	1,099	1,007	1,002
14	<i>797</i>	<i>618</i>	<i>638</i>	<i>715</i>	<i>654</i>	<i>1,086</i>	<i>1,001</i>	<i>994</i>
15	50.6	29.4	34.3	45.2	22.1	38.6	42.7	41.0
16	41.8	23.6	30.5	42.5	18.1	39.0	37.3	33.1
17	132,751	91,184	86,917	155,218	109,387	172,595	170,291	149,890
18	168,910	76,075	71,161	142,990	77,732	151,410	166,442	129,406
19	20,653,534	6,560,305	6,028,302	11,867,547	7,370,111	17,751,662	18,219,030	16,572,246
Form of tenancy:								
20	126	180	177	176	204	92	127	381
21	113	51	135	289	37	29	82	212
22	694	353	224	281	354	948	778	358
23	28	7	5	8	20	30	20	101
Color and nativity of tenants:								
24	732	500	536	538	539	722	704	955
25	229	91	4	166	86	377	303	47
26			1					
FARMS OPERATED BY MANAGERS								
27	11	8	46	8	28	23	24	44
28	<i>9</i>	<i>8</i>	<i>18</i>	<i>16</i>	<i>11</i>	<i>29</i>	<i>9</i>	<i>29</i>
29	3,147	1,753	11,037	2,761	5,567	6,216	5,126	12,280
30	2,457	1,400	7,961	2,340	3,055	3,628	4,638	9,432
31	355,525	176,640	807,150	206,400	345,990	464,560	490,470	1,418,033
MORTGAGE DEBT REPORTS¹								
For all farms operated by owners:								
32	398	737	324	312	1,321	964	485	710
33	605	660	638	530	1,016	743	831	666
34	26	16	7	14	9	15	14	15
For farms consisting of owned land only:								
35	333	491	418	332	853	632	666	467
36	7,167,641	5,358,653	4,645,071	6,454,933	8,522,222	10,004,494	13,659,104	7,489,079
37	1,952,047	1,580,103	1,349,974	1,748,768	2,707,375	3,262,990	3,633,000	1,774,379
38	27.2	29.5	29.1	27.1	31.8	32.6	26.6	23.7

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products	9,714	19,230	6,837	12,333	23,317	21,851	14,110	11,497
2	Dairy cows on farms reporting milk products	9,302	19,547	5,123	9,030	23,374	14,810	7,974	7,424
3	Milk—Produced	3,383,444	3,765,169	1,141,204	3,778,377	8,842,153	6,059,494	3,128,766	2,455,477
4	Sold	65,216	2,786,040	10,812	412,940	1,453,463	524,428	170,429	562,615
5	Cream sold	35,740	135,550	33,669	119,660	302,250	252,013	52,265	64,032
6	Butter fat sold	410,446	224,496	71,693	510,501	1,479,724	739,945	543,481	312,245
7	Butter—Produced	431,454	838,159	225,030	179,092	330,430	838,688	559,076	322,568
8	Sold	129,724	792,383	57,881	49,012	61,313	504,491	202,658	136,773
9	Cheese—Produced	135	75		25	632	60		
10	Sold		200		1,125	835	607		
11	Value of dairy products, excluding home use of milk and cream	227,808	640,201	92,133	307,759	797,379	626,117	205,629	254,566
12	Receipts from sale of dairy products	161,499	622,324	52,769	274,557	727,352	551,054	222,359	210,516
Poultry Products									
13	Poultry—Raised	222,045	248,031	176,788	190,650	357,923	366,246	355,662	352,093
14	Sold	69,619	108,936	67,790	70,154	139,697	128,130	98,491	124,139
15	Eggs—Produced	931,919	959,029	689,549	689,436	1,466,649	1,146,114	1,240,008	1,220,598
16	Sold	571,666	739,675	473,321	482,549	1,102,396	757,431	771,905	823,526
17	Value of poultry and eggs produced	258,655	279,992	202,751	213,008	425,678	387,634	344,321	350,933
18	Receipts from sale of poultry and eggs	130,838	186,030	115,546	121,538	267,370	208,920	172,012	201,765
Honey and Wax									
19	Honey produced	22,525	20,280	14,721	18,691	70,169	83,841	33,141	10,964
20	Wax produced	84	613	6	550	799	1,801	136	1,877
21	Value of honey and wax produced	2,746	2,137	2,084	2,508	7,795	8,832	3,758	2,733
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn	3,502	3,300	3,340	8,251	10,529	2,059	4,212	2,355
23	Mohair and goat hair, fleeces shorn	62	5	117	11	459	1	133	
24	Value of wool and mohair produced	7,301	6,515	5,610	14,005	23,732	4,422	6,760	4,309
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered	1,467	3,791	1,367	1,724	9,379	2,931	1,907	2,994
26	Other cattle—Sold or slaughtered	29,174	16,677	24,018	13,573	15,319	36,725	32,457	26,711
27	Horses, mules, and asses and burros—Sold	1,963	1,278	2,781	1,129	2,117	2,211	1,211	2,374
28	Swine—Sold or slaughtered	74,635	44,669	46,699	52,017	93,157	87,718	107,359	59,731
29	Sheep and goats—Sold or slaughtered	4,390	2,091	6,679	7,608	6,537	2,914	10,455	2,507
30	Receipts from sale of animals	2,850,380	1,263,149	1,768,279	1,663,334	2,195,067	3,603,448	3,584,750	2,612,770
31	Value of animals slaughtered	94,052	88,395	70,603	74,424	131,392	134,532	145,923	110,831

AGRICULTURE—IOWA.

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

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

	Davis.	Decatur.	Delaware.	Des Moines.	Dickinson.	Dubuque.	Emmet.	Fayette.	Floyd.	Franklin.	Fremont.	Greene.
1	1,650	1,461	1,398	1,427	472	1,882	531	2,138	1,084	1,007	1,133	1,075
2	<i>1,809</i>	<i>1,691</i>	<i>1,501</i>	<i>1,519</i>	<i>504</i>	<i>1,950</i>	<i>590</i>	<i>2,340</i>	<i>1,277</i>	<i>1,132</i>	<i>1,351</i>	<i>1,378</i>
3	73.7	67.5	63.3	71.5	47.9	78.3	50.7	68.4	56.8	52.6	55.3	50.0
4	<i>70.9</i>	<i>67.4</i>	<i>67.0</i>	<i>69.4</i>	<i>50.7</i>	<i>78.9</i>	<i>55.9</i>	<i>71.8</i>	<i>62.2</i>	<i>60.4</i>	<i>58.4</i>	<i>59.5</i>
5	231,297	216,199	220,635	173,415	92,297	291,399	102,484	290,522	163,610	179,366	166,011	172,262
6	182,311	175,481	188,911	123,907	83,660	217,473	86,026	239,093	146,484	159,185	147,850	151,723
7	13,801,066	14,045,739	19,324,532	13,271,319	6,727,505	22,922,523	7,363,736	22,637,641	14,470,727	16,031,609	19,184,760	18,798,201
8	1,299	1,113	1,200	1,119	350	1,712	423	1,710	790	851	867	896
9	351	348	198	308	122	170	108	428	294	150	208	239
10	1,568	1,391	1,030	1,049	338	1,356	286	1,602	782	573	1,033	878
11	81	70	359	378	134	526	245	525	302	434	98	197
12	1							11			2	
13	568	678	797	543	501	504	598	968	812	889	866	1,052
14	<i>726</i>	<i>807</i>	<i>729</i>	<i>668</i>	<i>481</i>	<i>505</i>	<i>454</i>	<i>899</i>	<i>784</i>	<i>780</i>	<i>1,024</i>	<i>985</i>
15	25.4	31.3	36.1	27.2	50.9	21.0	48.5	31.0	42.6	46.4	42.2	48.9
16	<i>22.4</i>	<i>32.2</i>	<i>32.5</i>	<i>30.2</i>	<i>48.3</i>	<i>20.3</i>	<i>45.0</i>	<i>27.5</i>	<i>37.2</i>	<i>59.0</i>	<i>42.8</i>	<i>40.0</i>
17	73,505	96,090	125,739	70,204	111,765	71,399	119,850	146,635	131,345	172,327	121,241	180,978
18	56,938	77,339	106,862	56,469	98,887	51,742	98,491	123,704	116,936	150,597	111,135	157,404
19	4,332,812	6,345,116	10,643,750	7,288,910	7,522,126	5,405,705	7,899,740	10,917,881	10,832,292	14,622,967	13,245,953	18,534,781
20	230	316	280	137	110	84	179	317	166	105	529	259
21	97	138	14	96	203	24	174	52	136	161	115	377
22	240	216	448	280	114	346	160	582	502	558	187	390
23	1	8	46	30	14	50	5	17	8	65	35	26
24	560	602	658	481	398	427	364	845	695	609	843	942
25	8	15	139	62	101	77	144	118	117	280	21	109
26		1			2			5			2	1
27	20	26	13	25	12	17	8	18	11	19	51	24
28	<i>12</i>	<i>10</i>	<i>11</i>	<i>8</i>	<i>10</i>	<i>20</i>	<i>12</i>	<i>25</i>	<i>15</i>	<i>12</i>	<i>19</i>	<i>15</i>
29	6,530	9,780	3,849	6,364	4,259	3,592	2,220	4,302	3,589	5,140	9,725	4,666
30	4,461	5,093	8,213	5,053	3,620	2,795	1,032	3,107	3,054	4,120	8,503	4,160
31	420,490	504,750	308,275	938,345	253,250	263,110	143,020	318,520	318,885	436,350	1,049,450	500,779
32	763	513	745	882	136	1,104	188	1,126	569	408	540	487
33	874	940	638	536	315	763	337	989	503	584	577	581
34	13	8	15	9	21	15	6	23	12	15	16	7
35	639	679	513	378	212	678	251	751	342	469	380	408
36	5,338,677	6,556,215	6,736,101	4,647,370	2,850,252	8,002,190	3,560,376	7,899,738	4,568,095	7,115,966	6,098,065	7,328,588
37	1,682,735	2,093,837	2,234,428	1,427,531	859,155	2,445,940	1,059,939	2,510,942	1,374,049	2,102,085	1,632,687	1,793,284
38	31.5	31.9	33.2	30.7	30.1	30.6	29.5	31.8	30.1	29.5	26.8	24.5

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

1	10,390	9,283	25,959	7,916	6,899	22,078	8,519	30,238	12,524	15,306	5,739	10,084
2	6,395	6,871	17,376	5,134	4,219	14,580	5,498	24,079	6,085	12,349	3,730	8,780
3	1,545,399	1,046,535	6,872,507	1,902,668	1,720,248	5,169,170	2,032,640	9,678,316	2,624,122	4,159,219	1,156,617	2,538,865
4	8,574	75,242	4,840,956	414,890	127,240	1,460,010	849,526	5,569,979	204,416	41,322	15,339	205,841
5	17,200	32,323	301,332	15,941	37,708	287,699	29,844	162,232	63,249	163,533	17,144	61,783
6	206,327	153,114	480,431	20,979	346,741	696,795	281,709	1,005,248	846,906	600,437	52,402	199,914
7	344,963	347,192	81,811	551,662	147,980	240,775	185,929	181,845	348,613	367,802	340,966	301,449
8	120,119	97,944	59,042	349,655	82,883	128,667	101,355	65,930	168,869	167,947	141,599	153,531
9	100	155	210	644	479	10,165	9,480	14,520		200	90	8
10								14,100				
11	135,821	146,761	803,094	204,343	164,857	596,427	218,094	919,417	356,308	354,213	102,402	198,036
12	87,308	91,887	797,126	159,586	149,078	569,322	194,807	889,015	310,395	301,310	60,067	151,662
13	329,242	283,577	296,808	260,832	100,312	270,253	111,210	411,332	260,562	298,826	226,605	328,977
14	131,049	105,042	123,827	104,613	36,056	109,756	45,512	178,648	109,004	114,281	81,635	115,748
15	1,043,447	1,139,258	975,222	927,635	328,737	882,541	398,408	1,574,105	1,127,627	1,018,537	692,516	1,181,563
16	727,889	795,866	991,944	626,891	223,994	590,737	277,173	1,172,932	744,946	719,920	426,177	820,320
17	343,849	327,026	320,854	104,813	292,019	121,277	121,277	485,537	330,877	314,663	225,385	352,414
18	210,982	198,275	189,316	163,684	57,578	165,911	70,566	305,362	192,678	181,848	115,810	193,776
19	42,654	24,961	40,044	18,378	5,785	42,339	7,039	55,525	14,743	24,485	8,239	15,233
20	225	575	2,359	506	33	954	208	879	237	368	100	166
21	4,780	3,280	5,757	2,116	865	3,965	1,042	6,311	1,888	2,845	1,034	1,950
22	47,841	7,978	4,773	2,080	3,388	5,510	4,785	6,441	5,655	4,415	762	2,809
23	10	91	6	225	3	2		2	7			1
24	80,449	15,439	10,068	4,466	6,545	12,823	7,372	13,790	11,107	6,829	1,188	4,784
25	1,450	3,383	10,813	2,412	1,115	8,466	822	9,714	2,101	1,817	612	1,562
26	18,332	21,516	17,701	13,882	9,180	17,610	9,985	33,841	32,321	19,400	14,489	19,152
27	2,213	2,887	1,680	1,219	664	1,507	612	2,673	1,502	1,502	2,178	1,515
28	41,238	55,326	75,105	50,357	18,043	76,457	18,050	74,008	40,545	49,929	48,188	49,589
29	24,968	6,040	5,544	1,554	2,285	3,656	3,264	4,608	3,309	9,943	8,357	4,972
30	1,598,091	1,743,732	2,246,521	1,539,898	663,142	2,156,630	627,574	2,572,214	1,810,293	1,781,050	1,765,476	1,732,668
31	107,333	92,911	121,769	124,303	31,486	177,618	35,570	127,843	64,158	83,199	94,169	102,916

AGRICULTURE—IOWA.

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

	Grundy.	Guthrie.	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.
FARMS OPERATED BY OWNERS								
1	755	1,341	1,296	876	1,227	1,710	1,404	1,121
2	<i>883</i>	<i>1,609</i>	<i>1,418</i>	<i>970</i>	<i>1,471</i>	<i>1,955</i>	<i>1,578</i>	<i>1,287</i>
3	42.8	57.6	58.4	53.5	54.9	59.0	68.3	67.0
4	<i>49.5</i>	<i>60.6</i>	<i>63.2</i>	<i>57.0</i>	<i>64.1</i>	<i>60.6</i>	<i>70.1</i>	<i>74.2</i>
5	135,114	199,293	192,038	174,438	185,031	241,374	176,882	184,573
6	128,891	165,057	172,370	161,366	166,542	203,351	135,307	162,031
7	18,236,390	19,603,255	21,258,721	12,708,085	20,506,723	22,047,860	20,943,045	13,054,144
Degree of ownership:								
8	593	1,021	1,055	644	980	1,367	1,176	804
9	162	320	241	232	247	352	288	317
Color and nativity of owners:								
10	411	1,194	751	441	838	1,416	1,271	728
11	344	147	545	434	389	303	191	393
12				1			2	
FARMS OPERATED BY TENANTS								
13	1,000	974	901	740	994	1,175	604	521
14	<i>890</i>	<i>993</i>	<i>805</i>	<i>714</i>	<i>807</i>	<i>1,243</i>	<i>665</i>	<i>438</i>
15	56.7	41.8	40.6	45.3	44.5	40.3	31.0	31.6
16	<i>49.9</i>	<i>38.6</i>	<i>35.9</i>	<i>41.9</i>	<i>36.2</i>	<i>38.7</i>	<i>29.5</i>	<i>25.6</i>
17	180,967	150,858	160,218	161,952	163,089	161,033	82,852	99,319
18	170,315	127,815	138,210	140,583	144,944	137,719	70,828	88,820
19	23,099,200	14,048,942	16,550,120	11,295,208	17,813,927	18,979,203	10,849,072	6,681,917
Form of tenancy:								
20	130	271	249	170	205	465	170	148
21	154	240	193	335	118	128	168	100
22	641	396	434	239	586	403	300	237
23	75	87	25	5	75	129	20	36
Color and nativity of tenants:								
24	673	914	616	480	760	1,068	614	404
25	327	60	285	268	234	107	49	117
26				1			1	
FARMS OPERATED BY MANAGERS								
27	9	15	22	11	14	20	17	8
28	<i>10</i>	<i>20</i>	<i>22</i>	<i>19</i>	<i>16</i>	<i>21</i>	<i>9</i>	<i>5</i>
29	2,199	4,049	5,547	3,903	3,664	5,690	4,015	1,510
30	1,002	2,838	4,703	3,491	3,301	5,068	3,047	1,322
31	259,480	307,630	579,825	267,920	416,000	665,859	431,025	130,330
MORTGAGE DEBT REPORTS								
For all farms operated by owners:								
32	387	556	529	277	524	500	803	545
33	357	770	751	581	692	1,092	650	549
34	11	15	16	18	11	67	11	27
For farms consisting of owned land only:								
35	284	569	585	377	518	778	477	378
36	6,639,478	8,708,579	10,054,930	5,082,185	9,046,418	9,725,959	6,230,344	4,327,377
37	1,692,578	2,316,215	2,609,317	1,485,890	2,317,964	2,734,362	1,719,345	1,235,645
38	25.5	28.6	26.0	29.2	25.6	28.1	27.6	28.6

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	13,425	11,718	13,153	14,226	14,450	11,882	7,576	14,990
2	8,952	8,856	9,113	8,449	8,760	8,373	5,793	5,082
3	3,571,503	2,947,552	3,448,098	3,207,383	3,233,295	2,866,114	1,913,093	2,394,092
4	1,777,838	86,722	503,540	32,980	169,963	73,125	164,014	166,775
5	112,683	55,063	64,334	97,730	144,564	55,721	11,968	15,804
6	309,513	510,804	203,732	713,659	591,675	244,689	35,124	1,148,375
7	217,579	344,958	730,483	335,351	309,694	547,751	492,834	227,404
8	66,669	192,858	404,371	183,564	103,894	215,638	248,941	124,751
9			262				6,489	
10							2,563	
11	355,846	266,517	303,065	345,430	362,488	222,995	151,510	395,150
12	320,661	230,177	231,519	307,209	311,085	152,815	100,091	369,313
Poultry Products								
13	249,279	261,567	316,586	246,732	325,956	315,239	294,514	223,161
14	93,400	96,454	128,666	94,800	113,053	92,968	109,046	90,779
15	1,101,361	950,590	1,073,544	820,276	1,228,031	1,383,897	1,488,501	723,331
16	776,661	633,818	800,993	550,337	890,166	912,472	1,032,896	514,407
17	308,385	283,107	340,044	248,832	369,021	380,664	402,992	229,576
18	180,791	152,002	202,606	188,311	212,052	201,605	241,502	130,260
Honey and Wax								
19	14,596	17,517	22,560	13,892	28,741	23,140	15,809	18,504
20	46	134	213	98	123	79	184	270
21	1,762	2,127	2,616	1,652	3,699	2,876	1,774	2,304
Wool, Mohair, and Goat Hair								
22	3,910	2,485	2,545	1,865	2,967	4,133	20,554	6,288
23	4	459	2	3		1	574	
24	7,450	4,678	5,084	3,523	6,098	5,439	41,331	12,229
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	2,581	2,814	2,671	3,045	3,261	2,538	1,272	2,964
26	21,447	28,817	18,882	21,019	21,354	25,064	17,195	13,988
27	1,947	2,229	1,626	1,042	2,731	2,248	2,289	1,022
28	65,282	53,547	45,922	36,408	64,675	76,071	50,416	35,941
29	3,755	3,307	3,958	2,990	5,128	15,014	15,057	3,827
30	2,205,335	2,166,366	1,658,336	1,294,810	2,134,985	2,752,158	1,818,391	1,102,909
31	95,342	92,550	78,519	76,628	92,548	102,676	124,758	69,617

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

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

	Humboldt.	Ida.	Iowa.	Jackson.	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.	Kossuth.	Lee.	Linn.
1												
2	844	744	1,489	1,869	2,038	1,417	1,905	1,417	1,967	1,431	1,704	2,505
3	<i>881</i>	<i>877</i>	<i>1,098</i>	<i>2,070</i>	<i>2,108</i>	<i>1,641</i>	<i>2,085</i>	<i>1,645</i>	<i>2,047</i>	<i>1,727</i>	<i>1,838</i>	<i>2,450</i>
4	57.2	50.5	94.5	77.9	62.3	70.1	71.8	67.2	71.0	53.9	72.2	69.2
5	<i>68.0</i>	<i>58.7</i>	<i>68.0</i>	<i>78.5</i>	<i>68.5</i>	<i>69.9</i>	<i>75.0</i>	<i>69.5</i>	<i>69.9</i>	<i>61.6</i>	<i>71.5</i>	<i>68.7</i>
6	147,548	134,400	225,777	309,034	278,682	187,017	268,091	232,515	255,962	301,636	225,678	284,430
7	13,783,866	17,164,650	24,768,286	20,291,501	31,298,910	17,828,118	28,676,347	22,438,481	27,537,190	22,233,719	17,447,192	32,146,257
8	626	642	1,181	1,696	1,658	1,101	1,601	1,302	1,476	1,031	1,385	2,133
9	218	102	308	173	380	316	304	115	491	400	339	372
10	403	396	1,174	1,394	1,693	1,210	1,469	1,001	1,762	807	1,407	1,963
11	381	348	315	475	345	207	436	416	205	623	273	541
12										1	24	1
13	618	716	748	515	1,210	595	727	665	786	1,207	636	1,097
14	<i>541</i>	<i>608</i>	<i>786</i>	<i>652</i>	<i>1,185</i>	<i>648</i>	<i>660</i>	<i>711</i>	<i>871</i>	<i>1,061</i>	<i>709</i>	<i>1,082</i>
15	41.0	48.6	32.4	21.5	37.0	29.5	27.4	31.5	28.4	45.4	26.9	30.3
16	<i>38.6</i>	<i>40.7</i>	<i>30.0</i>	<i>20.9</i>	<i>35.7</i>	<i>29.4</i>	<i>24.5</i>	<i>30.0</i>	<i>29.8</i>	<i>37.8</i>	<i>27.8</i>	<i>30.3</i>
17	118,765	131,900	100,171	70,822	169,049	73,864	106,437	103,756	98,487	258,833	80,532	142,270
18	106,287	128,741	95,680	54,192	154,361	62,727	92,955	86,193	85,222	222,433	57,032	118,985
19	10,440,108	16,257,950	11,733,088	5,321,810	18,411,924	7,071,065	11,451,408	9,958,839	10,784,242	17,544,261	6,242,548	14,714,773
20	165	90	138	129	408	150	181	104	351	228	189	193
21	127	59	116	38	206	96	75	22	126	459	104	68
22	323	548	468	341	592	222	451	478	300	505	812	728
23	3	19	26	7	4	127	20	61	9	15	31	110
24	434	483	639	443	1,065	566	654	527	761	308	596	1,005
25	183	233	109	72	144	28	73	138	25	399	32	91
26	1				1	1				8	8	1
27	14	14	72	16	24	8	21	28	17	18	20	17
28	6	8	85	15	27	17	17	17	9	19	18	35
29	2,803	3,792	28,076	3,917	6,170	2,379	3,806	5,162	3,122	5,935	4,452	4,346
30	2,001	3,752	10,971	2,207	5,459	1,200	2,720	4,572	2,410	5,118	2,647	2,875
31	231,320	464,600	1,606,673	291,400	700,252	177,000	416,036	596,815	303,300	455,100	294,830	529,550
32	304	294	731	997	1,062	748	1,147	778	1,053	444	1,091	1,455
33	533	439	738	860	968	650	750	622	903	971	601	1,027
34	7	11	20	12	8	19	8	17	11	16	12	23
35	373	351	553	743	731	471	618	532	599	649	450	830
36	5,965,020	8,220,598	9,407,818	7,857,276	11,891,532	5,509,109	8,952,539	8,380,020	8,070,980	9,345,441	4,683,735	10,085,609
37	1,814,097	2,112,798	2,747,042	2,787,249	3,449,938	1,648,440	2,505,020	2,683,371	2,359,934	2,718,845	1,282,565	2,814,218
38	30.4	25.7	29.2	35.1	29.0	29.9	28.0	31.4	29.2	29.1	27.4	27.9

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

1												
2	10,048	7,363	13,352	21,436	13,851	8,141	11,853	13,682	11,893	22,923	10,021	20,634
3	7,408	3,466	11,234	12,608	9,516	6,214	8,306	11,326	10,110	12,963	7,378	13,002
4	2,612,310	1,192,394	4,427,309	4,651,931	3,238,395	1,669,693	2,472,361	5,270,825	2,977,082	4,180,795	2,208,110	4,747,152
5	360,895	40,250	298,458	603,548	218,047	84,650	306,517	1,013,577	42,409	656,454	279,017	1,265,876
6	85,410	52,077	80,785	230,586	83,724	39,340	61,519	281,857	35,904	173,182	30,660	212,272
7	396,699	224,315	272,102	1,100,824	410,462	109,262	84,219	1,070,019	107,275	1,213,301	40,424	606,569
8	192,206	376,759	636,491	262,791	457,571	331,178	590,535	95,484	524,030	100,107	606,031	400,746
9	88,157	130,532	327,223	97,474	200,986	125,006	321,873	47,618	207,097	55,533	365,804	207,347
10		140	150	1,000	868	1,003	770	60			100	
11			1,000	453		312	200	60				
12	235,395	167,320	305,790	526,637	279,838	133,094	242,223	569,482	189,648	570,110	215,700	566,871
13	210,933	114,374	232,836	487,303	220,142	88,884	183,803	566,979	121,067	544,101	163,993	524,230
14	202,081	177,838	363,032	253,504	474,424	283,611	395,898	265,732	375,875	397,575	269,142	434,669
15	79,578	56,821	127,254	109,724	172,210	100,347	133,796	102,282	140,661	158,719	120,043	169,005
16	731,723	746,236	1,280,362	864,885	1,606,547	1,270,739	1,378,520	1,103,632	1,690,078	1,215,426	1,248,444	1,394,832
17	524,708	478,773	824,199	579,975	1,130,470	936,410	947,422	704,304	1,256,867	829,206	944,000	930,344
18	222,972	205,202	392,235	280,436	618,371	344,761	422,222	327,375	476,902	398,257	344,173	483,164
19	129,865	106,788	206,284	162,051	287,214	206,427	231,211	190,910	295,374	224,313	223,328	207,013
20	21,271	22,204	31,912	38,271	22,774	24,292	27,225	30,030	26,356	9,006	29,417	36,160
21	250	52	737	534	576	109	1,654	323	288	32	443	737
22	2,498	2,707	3,682	4,090	2,726	3,186	3,334	3,612	3,430	1,234	3,125	4,559
23	2,094	2,028	7,686	4,846	0,695	5,801	8,532	4,283	7,005	5,163	21,982	7,625
24	6		50	132	457	49		48	286		1,420	1
25	3,857	3,893	15,562	10,245	13,445	12,315	17,327	7,661	12,676	8,931	46,519	15,143
26												
27	1,761	643	2,663	4,971	2,325	1,028	2,868	4,575	1,885	3,923	2,684	6,969
28	17,148	23,977	31,610	34,421	35,157	25,433	32,179	26,490	25,140	21,285	12,556	39,012
29	886	961	3,261	2,749	5,291	2,203	2,125	1,774	4,635	1,899	1,652	2,496
30	43,741	63,917	97,041	72,704	103,927	50,814	121,741	79,932	92,999	64,985	39,546	113,560
31	3,683	3,840	7,382	3,824	8,596	5,255	6,245	5,944	6,892	4,920	11,099	8,037
32	1,480,548	2,380,456	3,190,521	2,662,692	4,038,952	2,083,309	3,427,745	2,960,001	3,145,956	1,700,688	1,225,054	3,484,902
33	56,564	78,822	123,129	147,165	156,463	118,500	125,713	100,186	143,797	114,859	106,679	141,742

AGRICULTURE—IOWA.

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

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

	Louisa.	Lucas.	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	993	1,234	763	1,509	1,937	1,674	1,313	910
2	Number of farms in 1900.....	<i>1,066</i>	<i>1,364</i>	<i>832</i>	<i>1,893</i>	<i>2,023</i>	<i>1,816</i>	<i>1,433</i>	<i>1,148</i>
3	Per cent of all farms.....	64.4	68.0	45.7	63.7	65.0	61.8	54.0	52.6
4	Per cent of all farms in 1900.....	<i>65.8</i>	<i>72.1</i>	<i>51.4</i>	<i>65.1</i>	<i>65.5</i>	<i>62.3</i>	<i>59.7</i>	<i>56.9</i>
5	Land in farms.....acres	155,330	173,813	162,085	229,168	222,155	221,585	177,297	129,942
6	Improved land in farms.....acres	122,040	141,145	149,003	190,783	195,619	184,428	163,947	115,128
7	Value of land and buildings.....dollars	16,423,858	11,936,411	16,533,325	20,996,588	24,743,592	20,135,989	22,657,165	14,843,807
Degree of ownership:									
8	Farms consisting of owned land only.....	752	922	623	1,156	1,596	1,363	1,035	772
9	Farms consisting of owned and hired land.....	241	312	140	353	341	311	278	138
Color and nativity of owners:									
10	Native white.....	897	1,127	298	1,404	1,653	1,461	1,054	780
11	Foreign-born white.....	96	106	405	104	279	212	250	130
12	Negro and other nonwhite.....	1	1	1	1	5	1	1	1
FARMS OPERATED BY TENANTS									
13	Number of farms.....	543	559	896	835	1,020	1,016	1,000	784
14	Number of farms in 1900.....	<i>537</i>	<i>515</i>	<i>769</i>	<i>886</i>	<i>1,139</i>	<i>1,077</i>	<i>943</i>	<i>859</i>
15	Per cent of all farms.....	35.2	30.8	53.7	35.2	34.2	37.5	45.2	45.3
16	Per cent of all farms in 1900.....	<i>35.2</i>	<i>27.2</i>	<i>47.5</i>	<i>34.0</i>	<i>35.6</i>	<i>37.0</i>	<i>39.5</i>	<i>41.6</i>
17	Land in farms.....acres	78,849	77,753	180,210	110,219	124,149	118,872	176,531	117,503
18	Improved land in farms.....acres	66,487	60,698	172,094	92,765	109,903	103,095	163,628	109,931
19	Value of land and buildings.....dollars	8,131,918	5,104,826	17,877,217	10,146,825	13,260,721	11,066,481	21,648,070	12,925,121
Form of tenancy:									
20	Share tenants.....	200	268	63	260	304	438	268	369
21	Share-cash tenants.....	127	98	228	151	161	209	221	96
22	Cash tenants.....	199	183	558	387	551	330	604	249
23	Tenure not specified.....	17	10	47	37	4	39	10	70
Color and nativity of tenants:									
24	Native white.....	514	537	472	814	865	901	978	733
25	Foreign-born white.....	29	20	424	21	155	114	120	51
26	Negro and other nonwhite.....	1	2	1	1	1	1	1	1
FARMS OPERATED BY MANAGERS									
27	Number of farms.....	7	22	10	25	24	18	20	36
28	Number of farms in 1900.....	<i>16</i>	<i>15</i>	<i>18</i>	<i>22</i>	<i>25</i>	<i>21</i>	<i>20</i>	<i>33</i>
29	Land in farms.....acres	2,755	7,093	3,737	7,154	4,227	3,482	4,141	13,203
30	Improved land in farms.....acres	2,358	5,116	2,836	4,369	3,410	2,996	3,587	10,394
31	Value of land and buildings.....dollars	275,950	506,860	332,895	580,890	416,690	328,440	621,265	1,503,194
MORTGAGE DEBT REPORTS:									
For all farms operated by owners:									
32	Number free from mortgage debt.....	523	619	237	627	1,055	856	687	518
33	Number with mortgage debt.....	469	608	509	872	865	799	606	381
34	Number with no mortgage report.....	11	7	17	10	17	19	20	11
For farms consisting of owned land only:									
35	Number reporting debt and amount.....	309	405	399	620	659	595	431	302
36	Value of their land and buildings.....dollars	5,040,305	3,714,452	8,704,867	8,697,480	8,475,253	7,687,845	7,326,036	4,584,352
37	Amount of mortgage debt.....dollars	1,280,345	1,039,476	1,969,429	2,504,646	2,585,550	2,228,395	1,928,153	1,148,186
38	Per cent of value of land and buildings.....	25.4	28.0	22.6	28.8	30.5	29.0	26.3	25.0

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....	5,924	8,554	12,577	9,844	12,470	10,467	13,066	5,622
2	Dairy cows on farms reporting milk produced.....	4,235	6,066	8,670	7,363	8,010	6,100	8,567	4,064
3	Milk—Produced.....gallons	1,039,494	1,553,227	2,903,581	2,112,643	2,434,766	1,724,351	3,123,030	1,478,775
4	Sold.....gallons	15,204	64,055	65,699	26,519	106,774	64,068	242,018	31,923
5	Cream sold.....gallons	9,411	18,215	41,761	32,592	66,693	31,674	72,649	17,989
6	Butter fat sold.....pounds	20,653	83,121	633,298	178,155	137,659	116,688	410,841	53,457
7	Butter—Produced.....pounds	306,048	398,632	310,294	402,088	733,268	509,269	511,700	377,788
8	Sold.....pounds	139,170	182,992	70,288	132,687	378,246	204,024	270,193	165,688
9	Cheese—Produced.....pounds	50	710	.....	40	910	578	.....	.....
10	Sold.....pounds	.....	700	.....	40	640	308	.....	.....
11	Value of dairy products, excluding home use of milk and cream.....dollars	79,104	130,715	261,427	152,859	251,525	164,552	309,884	114,415
12	Receipts from sale of dairy products.....dollars	43,864	85,605	205,422	96,719	174,008	102,826	255,957	69,345
Poultry Products									
13	Poultry—Raised.....number	201,601	237,832	186,727	298,343	435,798	384,710	336,153	215,752
14	Sold.....number	80,405	91,671	57,137	99,009	142,775	128,241	110,849	71,187
15	Eggs—Produced.....dozens	625,207	877,247	800,687	1,299,880	1,592,308	1,469,965	1,132,234	673,208
16	Sold.....dozens	405,987	614,629	477,079	910,004	1,137,462	1,055,440	722,496	391,124
17	Value of poultry and eggs produced.....dollars	215,262	274,057	199,172	347,743	467,985	407,362	366,215	209,725
18	Receipts from sale of poultry and eggs.....dollars	116,545	160,421	97,749	199,072	261,878	228,587	186,340	100,106
Honey and Wax									
19	Honey produced.....pounds	24,012	15,177	8,687	27,954	30,638	22,263	20,433	6,636
20	Wax produced.....pounds	1,303	197	1,078	170	177	73	247	30
21	Value of honey and wax produced.....dollars	3,030	1,968	1,326	3,447	3,754	2,720	2,825	911
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number	2,823	10,181	3,093	5,031	16,535	12,270	5,742	1,678
23	Mohair and goat hair, fleeces shorn.....number	228	240	2	3	25	219	40	70
24	Value of wool and mohair produced.....dollars	5,609	18,003	6,054	8,287	33,113	22,086	11,687	2,961
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number	1,330	1,081	1,054	1,460	2,062	1,621	2,250	983
26	Other cattle—Sold or slaughtered.....number	19,111	17,334	15,966	32,033	21,871	23,199	22,422	15,792
27	Horses, mules, asses and burros—Sold.....number	1,297	1,869	1,149	3,038	3,422	2,826	2,974	1,410
28	Swine—Sold or slaughtered.....number	61,268	39,773	51,802	72,283	82,249	74,212	79,447	40,877
29	Sheep and goats—Sold or slaughtered.....number	3,086	9,683	3,085	12,495	10,915	23,078	6,287	6,341
30	Receipts from sale of animals.....dollars	2,056,703	1,447,108	1,612,277	2,756,405	2,550,400	2,601,549	2,528,156	1,717,635
31	Value of animals slaughtered.....dollars	75,842	81,776	91,180	110,225	148,001	131,228	108,415	68,684

AGRICULTURE—IOWA.

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

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

Table with 14 columns representing Iowa counties: Mitchell, Monona, Monroe, Montgomery, Muscatine, O'Brien, Osceola, Page, Palo Alto, Plymouth, Pocahontas, Polk, and Pottawattamie. It contains 31 rows of data, each representing a different category (likely age groups) with values for each county. Some values are in italics, indicating comparative data from June 1, 1900.

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

Table with 14 columns representing Iowa counties: Mitchell, Monona, Monroe, Montgomery, Muscatine, O'Brien, Osceola, Page, Palo Alto, Plymouth, Pocahontas, Polk, and Pottawattamie. It contains 31 rows of data, each representing a different category with values for each county. Some values are in italics, indicating comparative data from 1909.

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

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

	Poweshiek.	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama. ¹	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	1,396	1,411	1,078	1,389	1,205	1,267	1,286	1,588
2	Number of farms in 1900.....	<i>1,537</i>	<i>1,047</i>	<i>1,192</i>	<i>1,278</i>	<i>1,440</i>	<i>1,305</i>	<i>1,453</i>	<i>1,723</i>
3	Per cent of all farms.....	62.0	68.7	53.5	57.8	58.5	46.7	53.9	61.0
4	Per cent of all farms in 1900.....	<i>66.2</i>	<i>69.9</i>	<i>59.6</i>	<i>54.5</i>	<i>60.5</i>	<i>53.2</i>	<i>59.6</i>	<i>62.5</i>
5	Land in farms.....acres.....	216,549	226,176	190,321	144,177	218,470	224,054	179,224	258,639
6	Improved land in farms.....acres.....	202,122	203,281	174,196	129,322	207,158	207,427	159,366	231,870
7	Value of land and buildings.....dollars.....	25,900,749	15,702,986	23,288,281	19,517,109	28,363,043	27,795,196	22,162,070	31,498,041
Degree of ownership:									
8	Farms consisting of owned land only.....	1,133	1,153	861	1,261	1,059	970	970	1,201
9	Farms consisting of owned and hired land.....	263	258	217	128	236	297	316	297
Color and nativity of owners:									
10	Native white.....	1,148	1,328	677	851	687	566	928	977
11	Foreign-born white.....	248	83	401	537	607	701	358	597
12	Negro and other nonwhite.....				1	1			14
FARMS OPERATED BY TENANTS									
13	Number of farms.....	532	619	915	1,003	899	1,435	1,068	908
14	Number of farms in 1900.....	<i>768</i>	<i>677</i>	<i>786</i>	<i>1,064</i>	<i>933</i>	<i>1,189</i>	<i>968</i>	<i>1,012</i>
15	Per cent of all farms.....	36.9	30.2	45.4	41.7	40.6	52.9	44.8	38.4
16	Per cent of all farms in 1900.....	<i>32.3</i>	<i>28.7</i>	<i>39.3</i>	<i>44.9</i>	<i>39.5</i>	<i>46.5</i>	<i>39.7</i>	<i>36.3</i>
17	Land in farms.....acres.....	138,192	91,952	104,966	129,804	147,516	248,088	165,336	178,525
18	Improved land in farms.....acres.....	130,438	82,629	150,662	118,219	140,477	229,028	148,086	164,620
19	Value of land and buildings.....dollars.....	15,665,935	6,153,912	19,889,485	10,363,560	18,375,336	29,352,786	18,957,157	21,272,886
Form of tenancy:									
20	Share tenants.....	235	204	142	57	160	137	208	175
21	Share-cash tenants.....	128	109	171	45	159	173	281	165
22	Cash tenants.....	468	262	534	890	556	1,020	471	578
23	Tenure not specified.....	1	44	68	11	24	105	18	80
Color and nativity of tenants:									
24	Native white.....	733	609	731	660	671	699	920	801
25	Foreign-born white.....	99	10	184	343	227	736	148	197
26	Negro and other nonwhite.....					1			
FARMS OPERATED BY MANAGERS									
27	Number of farms.....	25	23	21	13	19	13	31	16
28	Number of farms in 1900.....	<i>23</i>	<i>33</i>	<i>22</i>	<i>15</i>	<i>9</i>	<i>7</i>	<i>15</i>	<i>19</i>
29	Land in farms.....acres.....	5,024	7,355	5,242	2,092	4,331	3,296	6,726	3,241
30	Improved land in farms.....acres.....	4,794	6,410	4,153	1,835	4,214	2,941	5,750	2,895
31	Value of land and buildings.....dollars.....	669,590	458,170	588,725	256,400	584,745	383,100	847,250	427,300
MORTGAGE DEBT REPORTS²									
For all farms operated by owners:									
32	Number free from mortgage debt.....	611	441	469	818	515	562	521	703
33	Number with mortgage debt.....	774	949	577	557	754	686	739	764
34	Number with no mortgage report.....	11	21	12	14	26	19	26	31
For farms consisting of owned land only:									
35	Number reporting debt and amount.....	586	735	419	484	548	491	512	586
36	Value of their land and buildings.....dollars.....	10,952,797	7,957,836	8,511,996	6,207,797	12,154,593	10,931,729	9,056,718	11,304,798
37	Amount of mortgage debt.....dollars.....	3,095,815	2,352,759	1,986,577	1,863,040	2,840,465	2,590,169	2,233,055	2,816,424
38	Per cent of value of land and buildings.....	28.3	29.0	23.3	30.0	23.4	23.7	24.7	24.9

¹ Includes agricultural data for Sac and Fox Indian Reservation.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....	12,013	10,056	12,059	17,295	11,741	19,148	12,659	16,260
2	Dairy cows on farms reporting milk produced.....	10,359	6,832	7,504	11,938	6,041	16,732	8,543	14,388
3	Milk—Produced.....gallons.....	3,697,302	1,692,618	2,403,482	5,163,020	2,230,221	6,387,683	3,194,895	4,073,478
4	Sold.....gallons.....	115,012	32,710	41,723	1,050,599	74,620	201,170	813,117	107,249
5	Cream sold.....gallons.....	55,490	48,071	105,708	44,023	33,274	224,305	69,257	103,695
6	Butter fat sold.....pounds.....	406,740	213,867	331,628	104,433	448,002	815,173	395,516	554,099
7	Butter—Produced.....pounds.....	447,256	260,488	371,375	1,444,568	474,841	512,593	538,394	494,123
8	Sold.....pounds.....	175,408	58,703	137,141	1,011,992	187,477	139,578	309,260	177,939
9	Cheese—Produced.....pounds.....		8,415		140		2,778		150
10	Sold.....pounds.....		8,400				2,558		
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	249,818	148,660	250,637	613,803	238,254	514,168	335,300	330,586
12	Receipts from sale of dairy products.....dollars.....	187,689	100,813	196,116	515,969	175,258	424,394	280,415	255,032
Poultry Products									
13	Poultry—Raised.....number.....	297,373	268,777	281,865	331,277	330,418	262,422	371,911	417,086
14	Sold.....number.....	118,528	108,456	98,432	125,030	113,072	71,966	124,362	137,461
15	Eggs—Produced.....dozens.....	1,087,801	962,195	1,053,330	1,118,616	1,087,075	1,368,201	1,513,680	1,475,700
16	Sold.....dozens.....	683,700	674,230	714,314	722,728	667,679	983,239	1,110,561	985,791
17	Value of poultry and eggs produced.....dollars.....	338,435	284,515	315,563	372,576	339,524	342,898	437,267	440,669
18	Receipts from sale of poultry and eggs.....dollars.....	185,028	163,000	167,766	201,842	166,235	192,423	252,685	238,884
Honey and Wax									
19	Honey produced.....pounds.....	22,948	15,549	22,562	23,381	24,200	14,177	22,210	24,179
20	Wax produced.....pounds.....	866	245	1,303	687	127	410	818	601
21	Value of honey and wax produced.....dollars.....	3,023	2,106	2,906	2,384	2,687	1,868	2,932	2,979
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	5,631	6,307	4,045	1,517	1,505	8,581	2,906	4,684
23	Mohair and goat hair, fleeces shorn.....number.....		208	2		20	14		6
24	Value of wool and mohair produced.....dollars.....	10,936	13,361	7,787	3,143	2,642	17,084	5,587	9,992
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number.....	1,694	2,359	1,559	5,796	1,521	2,173	2,729	1,602
26	Other cattle—Sold or slaughtered.....number.....	30,627	22,447	23,230	13,959	29,928	27,029	21,557	31,360
27	Horses, mules, asses and burros—Sold.....number.....	2,617	2,869	1,613	836	1,816	2,224	2,919	1,973
28	Pigs—Sold or slaughtered.....number.....	92,541	53,089	53,084	61,825	91,202	79,349	62,176	87,632
29	Sheep and goats—Sold or slaughtered.....number.....	4,055	5,558	3,377	961	10,231	11,394	4,661	5,002
30	Receipts from sale of animals.....dollars.....	3,245,970	2,038,160	2,007,474	1,634,436	3,009,948	2,723,100	2,231,002	3,005,611
31	Value of animals slaughtered.....dollars.....	94,782	72,790	99,328	126,824	127,092	153,519	95,839	130,494

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

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

	Taylor.	Union.	Van Buren.	Wapello.	Warren.	Washington.	Wayne.	Webster.	Winnebago.	Winneshiek.	Woodbury.	Worth.	Wright.
1	1,462	1,038	1,530	1,535	1,749	1,628	1,395	1,401	919	2,268	1,603	905	981
2	1,029	1,180	1,638	1,562	1,924	1,697	1,609	1,616	1,065	2,410	1,771	1,076	1,119
3	64.9	64.1	72.0	68.1	67.1	66.3	70.8	56.5	64.5	78.6	53.9	65.1	52.0
4	63.1	64.7	70.7	67.6	65.8	67.6	70.5	63.0	70.4	81.4	64.8	72.5	59.2
5	216,491	160,350	218,126	174,679	227,826	223,015	235,451	234,686	145,966	331,173	291,189	156,441	172,826
6	201,341	139,681	160,175	144,257	201,198	189,354	212,783	203,932	126,779	257,899	259,952	132,183	151,778
7	19,678,686	12,927,349	15,035,999	15,825,770	21,055,064	27,466,252	17,091,449	22,032,968	10,348,115	22,118,288	27,449,090	10,450,335	15,611,166
8	1,117	804	1,235	1,183	1,437	1,314	1,120	1,024	735	1,833	1,257	700	733
9	345	234	295	352	312	314	275	377	184	435	346	205	248
10	1,368	917	1,451	1,315	1,033	1,423	1,345	831	478	1,504	1,100	455	580
11	92	121	79	212	116	199	50	570	441	763	502	449	401
12	2			8		1				1	1	1	
13	772	554	575	693	831	807	562	1,063	497	599	1,333	475	888
14	941	682	643	741	987	938	659	932	446	640	1,431	399	753
15	34.3	34.2	27.0	30.7	31.9	32.9	28.5	42.9	34.9	20.7	45.0	34.1	47.1
16	38.5	34.1	28.7	28.1	33.7	33.0	28.8	39.3	29.5	18.2	44.3	28.9	40.1
17	113,707	84,782	78,792	81,477	107,056	112,874	85,555	186,285	89,310	91,810	224,033	88,670	174,821
18	104,793	74,829	59,911	68,231	93,999	95,393	78,525	158,848	76,061	74,459	200,310	76,270	146,620
19	9,548,671	6,720,202	5,449,868	7,370,661	9,393,962	13,596,772	6,052,717	16,935,206	5,951,940	6,150,789	19,881,955	5,867,807	14,635,035
20	183	107	217	222	238	255	210	288	170	219	342	267	223
21	128	78	66	116	125	186	72	211	98	63	224	62	320
22	441	305	218	351	354	303	260	532	218	298	656	135	324
23	20	64	74	4	114	62	20	32	11	19	116	11	21
24	757	535	567	661	803	766	555	803	320	477	1,061	349	641
25	15	18	6	31	25	40	6	258	177	122	276	123	247
26		1	2	1	3	1	1	2			1	3	
27	20	27	21	27	28	19	12	14	9	20	35	11	16
28	11	21	13	8	15	11	20	16	1	10	29	10	13
29	5,309	7,675	5,597	3,673	7,231	3,086	2,915	2,521	2,390	2,934	8,916	2,871	7,694
30	4,749	5,945	2,936	2,529	5,813	2,551	2,744	2,305	2,232	2,358	7,534	2,170	6,593
31	412,530	582,810	317,020	352,380	580,780	343,390	181,040	274,200	162,400	221,965	873,120	191,490	465,605
32	552	412	871	808	798	857	498	536	282	1,346	599	451	339
33	903	603	642	713	934	720	894	800	626	905	961	446	635
34	7	23	17	14	17	21	3	15	11	17	43	8	7
35	613	418	489	507	685	533	682	534	471	696	686	315	458
36	7,890,124	4,951,959	4,654,018	5,291,634	8,093,277	8,725,879	8,181,786	8,702,707	5,291,592	6,502,142	12,425,470	3,452,088	7,295,160
37	2,257,449	1,323,696	1,413,734	1,473,355	2,125,870	2,478,501	2,358,796	2,048,365	1,608,847	1,923,249	3,430,221	1,103,046	2,042,769
38	28.6	26.7	30.4	27.8	26.3	28.4	28.8	23.5	30.4	29.6	27.6	32.0	28.0

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

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

1	10,140	8,485	7,648	9,985	12,081	9,358	9,696	14,597	13,680	25,445	12,733	12,865	13,929
2	6,455	7,441	5,931	6,345	7,962	6,997	9,352	13,128	4,760	22,594	8,823	8,705	7,233
3	1,864,440	2,433,472	1,604,438	1,950,041	1,734,665	2,064,890	1,957,422	3,953,494	1,566,283	9,049,936	3,358,560	2,855,638	2,502,720
4	119,539	148,644	40,606	335,956	124,092	253,115	29,637	284,089	461,616	110,283	312,787	13,394	64,139
5	25,937	34,195	26,537	22,621	33,426	27,355	49,383	59,659	60,220	185,336	57,163	7,771	37,170
6	396,728	299,117	88,634	303,890	106,425	34,292	167,331	383,611	845,553	1,910,686	496,805	862,632	741,057
7	221,714	259,380	301,061	375,879	473,937	491,585	261,208	558,770	88,969	406,992	454,179	196,349	291,721
8	42,852	87,710	109,958	210,516	223,332	209,543	89,937	299,952	31,847	146,856	160,296	120,443	145,928
9			850	850		1,616		610		2,686	1,335		
10			1,667	540		352				1,515	1,233		
11	172,812	171,884	112,588	237,390	172,941	161,344	135,634	297,335	339,304	662,623	311,902	317,589	312,529
12	131,704	181,020	70,478	198,426	117,591	100,594	99,509	240,942	323,283	599,759	247,007	295,977	273,960
13	265,886	214,709	283,441	265,822	334,985	334,824	273,117	323,223	157,816	315,138	329,277	157,434	257,184
14	95,489	81,530	107,100	103,141	121,943	119,961	107,126	112,860	63,517	108,837	105,751	71,702	112,182
15	976,772	796,795	1,133,066	861,621	1,187,721	1,381,482	984,607	1,063,724	600,535	1,307,022	1,251,947	585,853	802,997
16	669,158	523,902	840,262	560,373	817,720	1,007,703	657,522	719,509	466,205	982,081	769,581	446,355	531,110
17	274,460	248,556	323,159	278,586	364,591	401,246	318,909	331,182	169,823	371,844	362,602	172,880	262,109
18	155,636	134,520	201,643	154,769	205,301	235,794	182,288	178,309	111,104	235,773	179,714	114,091	148,648
19	9,353	17,335	31,231	29,020	29,108	27,246	25,131	26,350	9,605	45,078	42,002	7,543	25,342
20	71	454	218	558	283	744	234	566	54	1,068	1,826	93	182
21	1,187	2,366	3,470	3,827	3,431	3,308	3,635	3,186	1,216	5,218	5,021	912	3,108
22	9,586	4,761	36,526	10,522	5,016	5,484	4,394	1,720	1,770	12,347	7,218	1,716	2,514
23	433	151	147	65	291	140	2	91		12	13	54	1
24	20,477	7,921	70,256	22,327	8,460	11,437	8,022	2,884	3,071	24,745	14,210	2,968	5,018
25	2,368	1,656	1,245	2,561	1,836	2,053	1,489	3,239	1,909	4,634	2,494	1,388	2,317
26	25,216	19,341	21,950	21,627	29,461	28,616	19,451	17,548	8,511	20,633	35,632	9,113	15,501
27	3,626	2,286	5,891	2,361	2,720	2,881	3,256	1,388	514	1,999	2,129	471	1,254
28	69,230	40,501	45,935	50,666	78,544	95,451	49,107	40,395	22,980	62,449	75,272	26,297	40,588
29	9,956	4,292	24,592	9,090	6,344	6,952	4,478	620	976	8,384	6,948	906	1,632
30	2,887,545	1,536,963	1,936,174	1,831,052	2,684,139	3,428,747	1,872,045	1,296,634	617,351	1,857,983	3,148,918	707,548	1,249,960
31	114,806	66,715	93,054	97,152	122,748	114,508	101,670	99,019	43,363	163,039	125,006	48,885	77,536

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

		THE STATE.	Adair.	Adams.	Allamakee.	Appanoose.	Audubon.	Benton.	
VALUE OF ALL CROPS									
1	Total.....	dollars.....	314,066,298	2,835,637	1,996,617	2,376,463	1,894,795	3,032,556	5,138,589
2	Cereals.....	dollars.....	230,205,315	1,923,311	1,328,926	1,467,085	1,018,964	2,291,180	3,956,236
3	Other grains and seeds.....	dollars.....	1,933,711	29,527	8,346	35,252	13,353	11,229	25,544
4	Hay and forage.....	dollars.....	50,360,225	712,405	505,638	609,286	559,193	597,301	859,102
5	Vegetables.....	dollars.....	12,021,408	105,134	76,601	97,480	103,206	81,314	192,443
6	Fruits and nuts.....	dollars.....	5,617,769	43,642	56,842	20,260	119,087	34,295	42,996
7	All other crops.....	dollars.....	5,527,870	21,618	20,264	146,100	80,992	17,292	52,268
SELECTED CROPS (acres and quantity)									
Cereals:									
8	Total.....	acres.....	15,041,039	138,433	98,856	96,094	73,348	143,877	222,174
9	Corn.....	bushels.....	499,893,118	4,073,452	2,506,379	3,165,506	1,849,525	5,073,536	3,606,684
10	Oats.....	bushels.....	9,223,378	98,366	71,272	43,914	55,985	93,626	133,225
11	Wheat.....	bushels.....	341,750,460	3,273,972	1,653,068	1,663,820	1,464,540	3,985,505	5,742,466
12	Oats.....	acres.....	4,655,154	30,406	21,643	31,919	13,651	34,781	73,987
13	Wheat.....	bushels.....	128,198,055	674,472	477,528	1,090,342	341,451	835,331	2,570,382
14	Barley.....	acres.....	528,777	3,624	3,829	1,364	3,209	5,798	767
15	Emmer and spelt.....	acres.....	7,250	142	228	3	78	66,675	12,491
16	Barley.....	bushels.....	139,830	2,268	3,171	60	898	900	1,140
17	Buckwheat.....	acres.....	571,224	5,697	1,835	15,128	14	9,580	12,972
18	Rye.....	bushels.....	10,994,184	80,836	24,603	373,527	153	184,397	201,183
19	Other grains and seeds.....	acres.....	9,000	14	14	301	20	20	194
20	Dry peas.....	bushels.....	120,550	688	242	4,675	146	256	2,013
21	Flaxseed.....	acres.....	42,042	160	30	465	380	36	996
22	Other grains and seeds.....	bushels.....	570,990	2,323	282	7,867	3,540	405	15,049
23	Dry peas.....	acres.....	731	2	34	34	15		
24	Flaxseed.....	bushels.....	9,007	2	321	31			
25	Other grains and seeds.....	acres.....	15,549			95			
26	Flaxseed.....	bushels.....	140,906			1,102			
27	Hay and forage.....	acres.....	5,046,185	57,448	38,619	56,275	58,592	39,853	59,872
28	All tame or cultivated grasses.....	tons.....	7,823,181	82,196	60,036	92,712	67,123	67,024	115,888
29	Timothy alone.....	acres.....	4,005,950	52,041	34,343	52,623	57,107	35,454	52,415
30	Timothy and clover mixed.....	tons.....	6,103,997	72,004	40,416	82,922	64,486	57,708	101,957
31	Clover alone.....	acres.....	1,312,422	15,681	5,555	21,362	11,511	7,533	15,304
32	Alfalfa.....	tons.....	1,952,950	22,208	8,136	31,728	12,963	11,534	27,837
33	Millet or Hungarian grass.....	acres.....	2,445,836	35,004	27,722	29,105	43,461	29,768	35,544
34	Other tame or cultivated grasses.....	tons.....	3,732,180	48,365	30,595	47,343	48,883	43,848	71,415
35	Wild, salt, or prairie grasses.....	acres.....	125,751	913	816	1,146	470	684	1,295
36	Grains cut green.....	tons.....	195,579	1,303	1,185	2,003	447	1,178	2,292
37	Coarse forage.....	acres.....	29,143	69	64	1	24	71	72
38	Alfalfa.....	tons.....	84,509	104	178	4	40	144	68
39	Millet or Hungarian grass.....	acres.....	31,547	123	147	333	1,641	324	132
40	Other tame or cultivated grasses.....	tons.....	54,346	304	280	698	2,153	847	204
41	Wild, salt, or prairie grasses.....	acres.....	61,257	251	40	834		74	68
42	Grains cut green.....	tons.....	84,361	320	42	1,146	586	157	81
43	Coarse forage.....	acres.....	845,954	3,869	2,030	1,453	423	3,328	5,178
44	Special crops.....	tons.....	1,178,000	6,515	3,440	3,105	586	6,521	7,975
45	Potatoes.....	acres.....	17,131	201	81	101	101	536	263
46	Sweet potatoes and yams.....	acres.....	30,594	247	175	214	85	1,011	673
47	All other vegetables.....	acres.....	177,113	1,337	2,165	2,007	961	535	2,010
48	Sugar beets.....	acres.....	510,184	2,830	6,098	6,457	1,966	2,684	5,283
49	Cane, sorghum.....	acres.....	169,507	1,289	776	1,487	750	1,277	2,012
50	Sirup (made).....	acres.....	14,710,247	98,520	61,658	163,380	48,724	123,002	179,850
51	Other special crops.....	acres.....	2,274	4	2		9	1	
52	All other vegetables.....	bushels.....	232,413	186	330		1,083	126	130
53	Sugar beets.....	acres.....	80,462	598	419	574	928	387	3,004
54	Cane, sorghum.....	acres.....	1,051	2		2			105
55	Sirup (made).....	acres.....	7,117	37	31	11	1		559
56	Other special crops.....	acres.....	6,225	37	31	68	248	5	28
57	Cane, sorghum.....	acres.....	28,957	214	132	365	1,089	50	135
58	Sirup (made).....	gallons.....	250,205	1,500	814	3,854	8,330	500	1,547
FRUITS AND NUTS									
59	Total.....	acres.....	9,208,387	92,156	122,266	43,550	167,317	66,761	77,443
60	Apples.....	bushels.....	7,234,168	66,566	93,302	33,587	172,504	49,367	27,153
61	Peaches and nectarines.....	acres.....	5,847,034	69,769	92,262	38,119	70,800	50,785	43,029
62	Plums and prunes.....	bushels.....	6,746,668	64,630	91,042	33,056	169,806	47,195	21,915
63	Cherries.....	acres.....	1,070,749	5,229	13,038	51	48,288	940	3,697
64	Grapes.....	acres.....	23,180	51	32	2	205	27	53
65	Small fruits.....	bushels.....	1,155,041	8,805	7,984	4,631	19,626	9,621	13,451
66	Strawberries.....	acres.....	188,036	579	650	434	3,960	1,475	1,540
67	Raspberries and loganberries.....	acres.....	698,764	7,179	7,512	678	14,073	4,950	15,802
68	Blackberries and dewberries.....	acres.....	200,432	1,159	1,516	66	6,628	637	3,541
69	Nuts.....	acres.....	1,983,465	14,325	18,766	2,674	19,669	15,038	15,697
70	Small fruits.....	pounds.....	11,708,336	68,481	97,226	8,863	179,085	65,632	92,792
71	Total.....	acres.....	7,211	73	45	32	61	52	90
72	Strawberries.....	quarts.....	10,844,052	66,766	47,555	28,342	105,450	50,142	114,389
73	Raspberries and loganberries.....	acres.....	2,017	20	12	20	19	14	31
74	Blackberries and dewberries.....	quarts.....	5,330,105	21,120	11,930	10,741	28,242	14,071	54,777
75	Nuts.....	acres.....	1,573	8	4	4	7	7	25
76	Strawberries.....	quarts.....	1,728,547	7,955	4,464	3,491	6,745	6,568	26,452
77	Raspberries and loganberries.....	acres.....	2,279	38	26	7	28	22	29
78	Blackberries and dewberries.....	quarts.....	2,733,728	29,741	26,698	3,614	57,609	21,835	27,580
79	Nuts.....	acres.....	163,337	1,312	96	255	678	243	1,127
80	Small fruits.....	pounds.....	1,721,245	20,765	3,030	5,265	18,985	920	14,290

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	108,890	1,031	741	1,177	893	900	1,595
2	Cash expended.....	dollars.....	18,586,300	136,109	107,631	170,509	76,711	101,192	328,418
3	Rent and board furnished.....	dollars.....	6,185,262	46,953	27,952	65,152	19,112	56,821	106,848
4	Fertilizer.....	Farms reporting.....	1,776	52	51	10	27	13	65
5	Amount expended.....	dollars.....	109,570	1,910	1,242	1,097	422	288	1,417
6	Feed.....	Farms reporting.....	81,302	941	841	913	862	710	862
7	Amount expended.....	dollars.....	18,582,251	216,555	237,816	100,795	128,866	162,211	202,289
8	Receipts from sale of feedable crops.....	dollars.....	57,034,312	305,612	177,402	128,827	204,748	632,131	1,533,641

AGRICULTURE—IOWA.

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

Table with 12 columns for counties (Davis, Decatur, Delaware, Des Moines, Dickinson, Dubuque, Emmet, Fayette, Floyd, Franklin, Fremont, Greene) and rows for crop types and values. Rows are numbered 1 through 81.

AND RECEIPTS, BY COUNTIES: 1909—Continued.

Table with 12 columns for counties and rows for receipt values. Rows are numbered 1 through 8.

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

		Grundy.	Guthrie.	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.
VALUE OF ALL CROPS									
1	Total.....	dollars. 3,713,062	3,096,023	3,578,138	2,375,308	3,498,345	4,381,397	2,697,961	1,961,188
2	Cereals.....	dollars. 2,804,302	2,123,484	2,854,027	1,820,912	2,688,709	3,485,419	2,025,485	1,313,210
3	Other grains and seeds.....	dollars. 6,784	26,873	3,938	6,546	3,348	4,416	13,222	106,674
4	Hay and forage.....	dollars. 539,374	739,837	609,581	446,380	596,881	572,196	438,136	425,031
5	Vegetables.....	dollars. 323,345	95,894	77,326	75,798	152,793	140,591	111,720	63,602
6	Fruits and nuts.....	dollars. 17,851	52,791	21,444	17,370	32,131	136,132	55,437	13,799
7	All other crops.....	dollars. 21,406	57,094	11,822	8,300	24,483	52,043	53,961	38,569
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres. 173,320	149,978	180,201	160,983	167,457	206,328	112,385	112,660
10	Corn.....	bushels. 6,999,792	4,737,119	6,423,628	4,340,427	6,164,515	6,787,565	4,075,760	3,067,535
11	Oats.....	bushels. 3,909,249	3,553,783	4,250,456	2,670,578	4,087,214	5,757,312	3,049,402	1,488,533
12	Wheat.....	bushels. 2,205,170	1,088,771	2,131,026	1,559,503	1,991,544	562,133	928,851	1,324,616
13	Wheat.....	acres. 535	3,404	2,072	1,664	2,184	27,457	3,981	755
14	Emmer and spelt.....	bushels. 9,855	42,590	32,489	24,953	34,117	396,019	78,747	12,701
15	Barley.....	acres. 33	135	42	26	84	61	95	318
16	Barley.....	bushels. 1,189	2,596	710	497	1,715	1,240	3,265	7,006
17	Buckwheat.....	acres. 7,906	3,188	644	4,866	2,461	3,391	268	11,080
18	Rye.....	bushels. 170,944	48,068	12,898	79,738	46,416	66,058	6,305	225,124
19	Rye.....	acres. 157	34	88	124	197	20	33	625
20	Rye.....	bushels. 2,170	340	1,062	1,502	2,186	400	194	7,910
21	Rye.....	acres. 43	74	47	225	101	298	617	84
22	Rye.....	bushels. 1,185	971	985	3,596	1,323	4,395	8,816	1,590
23	Other grains and seeds:								
24	Dry peas.....	acres. 40	5	2	1				5
25	Flaxseed.....	acres. 15	68	259					190
26	Flaxseed.....	bushels. 105	417	1,832					2,714
27	Flaxseed.....	bushels. 15							26,360
28	Hay and forage:								
29	Total.....	acres. 40,241	49,160	49,858	56,144	47,535	41,958	31,630	54,549
30	All tame or cultivated grasses.....	tons. 73,017	76,182	76,165	78,996	73,863	77,626	48,612	83,773
31	Timothy alone.....	acres. 30,810	42,581	30,446	32,234	33,621	28,400	30,849	37,584
32	Timothy and clover mixed.....	tons. 54,720	64,126	48,300	43,280	54,135	50,472	47,179	54,178
33	Clover alone.....	acres. 3,744	12,563	5,365	8,401	4,572	4,853	13,013	14,682
34	Clover alone.....	tons. 6,225	19,575	7,820	9,853	7,135	7,883	19,878	20,714
35	Alfalfa.....	acres. 26,156	28,631	23,725	21,330	27,855	15,376	13,880	15,911
36	Alfalfa.....	tons. 46,973	42,512	38,020	29,818	44,994	22,602	21,353	24,534
37	Millet or Hungarian grass.....	acres. 697	1,148	313	577	629	1,858	3,702	471
38	Millet or Hungarian grass.....	tons. 1,193	1,652	648	881	1,111	2,826	5,545	820
39	Other tame or cultivated grasses.....	acres. 4	8	24	10	54	5,025	64	5
40	Wild, salt, or prairie grasses.....	tons. 10	22	71	67	121	14,573	174	8
41	Grains cut green.....	acres. 45	162	481	106	269	1,088	45	40
42	Coarse forage.....	tons. 78	250	1,047	162	426	2,357	69	61
43	Wild, salt, or prairie grasses.....	acres. 164	69	538	1,810	252	200	145	6,475
44	Grains cut green.....	tons. 241	115	694	2,499	368	431	160	8,041
45	Coarse forage.....	acres. 8,048	5,552	17,130	21,789	12,632	12,519	7	11,624
46	Coarse forage.....	tons. 12,654	8,147	21,281	25,663	15,822	24,464	10	14,280
47	Coarse forage.....	acres. 60	141	378	140	96	465	90	33
48	Coarse forage.....	tons. 352	227	885	279	179	664	119	48
49	Coarse forage.....	acres. 1,323	886	1,904	1,981	1,188	574	684	5,307
50	Coarse forage.....	tons. 5,291	3,682	5,689	9,774	3,727	2,026	1,304	15,261
51	Special crops:								
52	Potatoes.....	acres. 8,849	1,035	1,162	1,246	3,235	1,746	785	1,134
53	Sweet potatoes and yams.....	bushels. 864,132	83,580	97,610	138,849	275,864	106,442	73,763	101,793
54	All other vegetables.....	acres. 4	2	69	2	16	10		
55	Sugar beets.....	acres. 811	649	340	366	547	1,095	276	
56	Sugar beets.....	tons. 442	9	366	547	879	691		417
57	Cane, sorghum.....	acres. 40	44	33	4	71	47	4	143
58	Sirup (made).....	acres. 1	406	938	19	221	275	854	381
59	Sirup (made).....	gallons. 88	2,390	2,815	158	1,629	1,322	9,496	177
FRUITS AND NUTS									
60	Orchard fruits:								
61	Total.....	acres. 32,082	117,537	40,350	41,329	55,724	158,297	133,992	27,486
62	Apples.....	bushels. 18,686	66,411	20,883	25,423	30,007	241,483	52,655	12,401
63	Peaches and nectarines.....	bushels. 22,586	90,019	26,334	31,640	39,810	126,295	58,402	24,050
64	Plums and prunes.....	bushels. 15,422	63,695	19,663	24,678	28,557	230,898	43,653	12,132
65	Cherries.....	acres. 130	3,243	156	29	330	912	44,172	5
66	Cherries.....	bushels. 17	105	1	10		33	203	
67	Grapes.....	acres. 5,833	12,062	10,300	8,642	9,548	16,046	12,538	3,141
68	Grapes.....	bushels. 671	827	934	650	783	4,837	1,725	217
69	Grapes.....	acres. 3,257	10,825	3,206	733	5,583	11,046	13,389	248
70	Grapes.....	bushels. 638	1,555	256	31	533	5,460	5,760	47
71	Small fruits:								
72	Total.....	acres. 4,615	15,918	9,355	650	9,490	21,491	17,519	497
73	Small fruits.....	pounds. 29,938	77,955	59,243	2,043	48,554	184,388	153,593	669
74	Strawberries.....	acres. 37	55	20	20	46	92	108	27
75	Raspberries and loganberries.....	acres. 40,768	53,035	32,805	20,951	61,263	144,451	113,858	37,381
76	Blackberries and dewberries.....	acres. 22	20	14	13	31	19	52	15
77	Nuts.....	acres. 23,648	22,992	25,774	15,050	41,212	42,939	64,564	27,441
78	Nuts.....	acres. 8	8	2	4	6	46	13	3
79	Nuts.....	acres. 8,770	5,891	3,075	2,858	9,169	62,740	11,943	6,204
80	Nuts.....	acres. 6	24	2	2	8	22	39	2
81	Nuts.....	quarts. 6,888	21,412	1,546	2,120	8,662	32,544	31,221	1,671
82	Nuts.....	acres. 3,580	1,865	939	331	883	103	2,805	1,007
83	Nuts.....	pounds. 10,417	10,630	11,464	3,441	12,680	4,106	102,295	2,130

TABLE 5.—SELECTED FARM EXPENSES

	Grundy.	Guthrie.	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.
1	Labor.....							
2	Farms reporting.....	dollars. 1,142	1,043	1,070	791	1,088	1,312	1,096
3	Cash expended.....	dollars. 244,594	139,526	183,091	129,028	179,024	229,794	148,650
4	Rent and board furnished.....	dollars. 84,834	35,613	62,901	52,018	70,458	68,176	36,585
5	Fertilizer.....							
6	Farms reporting.....	dollars. 28	6	19	7	13	8	26
7	Amount expended.....	dollars. 918	223	463	249	1,324	135	764
8	Feed.....							
9	Farms reporting.....	dollars. 605	882	747	661	630	1,246	802
10	Amount expended.....	dollars. 136,851	218,769	119,457	106,237	119,958	333,487	168,020
11	Receipts from sale of feedable crops.....	dollars. 975,684	548,004	1,077,577	478,645	782,258	793,283	690,804

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

		Louisia.	Lucas.	Lyon.	Madison.	Muhaska.	Marion.	Marshall.	Mills.
VALUE OF ALL CROPS									
1	Total.....	dollars.. 2,423,868	1,685,851	3,867,544	2,603,445	3,230,405	2,844,714	4,175,922	2,921,520
2	Cereals.....	dollars.. 1,911,630	1,017,049	3,328,080	1,726,523	2,320,824	2,087,204	3,193,362	2,164,925
3	Other grains and seeds.....	dollars.. 3,219	41,860	3,906	27,619	19,868	14,485	13,320	1,680
4	Hay and forage.....	dollars.. 330,529	444,173	413,549	623,044	508,199	513,354	680,106	400,003
5	Vegetables.....	dollars.. 105,033	71,472	96,095	95,503	125,491	92,715	187,931	95,094
6	Fruits and nuts.....	dollars.. 34,044	63,997	10,130	73,955	93,729	84,507	54,775	233,129
7	All other crops.....	dollars.. 33,427	47,300	5,784	56,801	75,384	52,449	40,422	30,090
SELECTED CROPS (acres and quantity).									
Cereals:									
8	Total.....	acres..... 103,789	73,805	230,325	116,868	145,269	133,129	184,866	127,331
9		bushels.. 3,655,944	1,892,612	7,851,327	3,406,457	4,705,000	3,957,292	6,866,788	4,289,622
10	Corn.....	acres..... 69,863	52,631	108,021	87,739	100,352	94,063	114,309	101,076
11		bushels.. 2,776,636	1,425,484	4,465,383	2,856,022	3,608,615	3,196,639	4,756,755	3,768,935
12	Oats.....	acres..... 19,667	17,257	90,068	20,285	35,696	25,682	64,489	13,889
13		bushels.. 566,064	419,649	2,770,917	480,928	947,652	579,699	1,069,945	343,755
14	Wheat.....	acres..... 11,660	3,621	1,606	2,891	5,906	8,975	3,810	11,365
15		bushels.. 273,747	44,633	25,032	39,124	88,965	113,955	71,272	158,480
16	Emmer and spelt.....	acres..... 11	1	61	121	15	71	3	10
17		bushels.. 45	280	1,860	1,800	300	1,078	0	180
18	Barley.....	acres..... 768	68	29,694	5,671	2,755	4,034	1,942	913
19		bushels.. 16,087	1,310	583,189	86,333	52,082	61,419	35,482	17,247
20	Buckwheat.....	acres..... 18	26	230	60	51	21	36	3
21		bushels.. 203	311	4,054	753	665	206	374	55
22	Rye.....	acres..... 1,784	191	45	101	434	343	190	84
23		bushels.. 23,762	1,540	892	1,437	6,781	4,296	2,748	960
Other grains and seeds:									
24	Dry peas.....	acres.....				9	21		
25		bushels..				131	133		
26	Flaxseed.....	acres.....			112			15	
27		bushels..		660				120	
Hay and forage:									
28	Total.....	acres..... 22,943	45,066	38,512	51,483	45,466	42,189	47,259	32,252
29		tons..... 38,398	55,388	61,231	77,262	69,449	60,531	78,079	54,872
All tame or cultivated grasses.									
30		acres..... 21,495	43,191	26,883	45,523	44,135	40,213	42,693	26,792
31		tons..... 35,530	51,419	43,290	66,295	66,109	56,992	67,994	45,900
32	Timothy alone.....	acres..... 9,421	12,354	4,707	14,369	22,235	18,260	11,361	8,665
33		tons..... 15,251	14,222	7,086	21,266	34,251	27,094	17,088	14,078
34	Timothy and clover mixed.....	acres..... 11,059	29,621	21,252	29,729	10,738	16,763	24,974	12,389
35		tons..... 18,647	35,765	33,755	42,081	24,632	22,744	46,944	17,865
36	Clover alone.....	acres..... 827	729	270	1,040	4,786	4,792	2,216	2,200
37		tons..... 1,249	833	498	1,507	6,628	6,532	3,690	3,208
38	Alfalfa.....	acres..... 9	10	74	23	219	151	10	3,142
39		tons..... 40	14	171	53	219	292	35	10,141
40	Millet or Hungarian grass.....	acres..... 126	458	241	230	204	201	80	140
41		tons..... 238	555	623	336	348	288	175	285
42	Other tame or cultivated grasses.....	acres..... 53	19	339	120	99	40	52	100
43		tons..... 105	30	557	152	131	42	53	323
44	Wild, salt, or prairie grasses.....	acres..... 653	204	11,427	2,162	571	765	1,397	5,079
45		tons..... 1,117	232	17,259	2,853	772	1,255	1,833	8,202
46	Grains cut green.....	acres..... 49	76	31	374	287	64	94	192
47		tons..... 82	66	66	415	300	77	144	223
48	Coarse forage.....	acres..... 746	1,535	171	3,424	473	1,147	3,105	189
49		tons..... 1,669	3,655	610	7,609	2,268	2,207	9,008	487
Special crops:									
50	Potatoes.....	acres..... 630	537	2,302	1,042	1,441	1,152	3,720	1,152
51		bushels.. 54,459	36,150	209,277	77,709	95,111	71,701	291,818	119,560
52	Sweet potatoes and yams.....	acres..... 147	4		1	61	8	2	19
53		bushels.. 10,631	516	10	353	2,135	899	227	2,186
54	All other vegetables.....	acres..... 1,695	536	306	597	788	660	910	527
55	Sugar beets.....	acres.....				1			
56		tons.....				6			
57	Cane, sorghum.....	acres..... 98	163	7	110	64	59	19	38
58		tons..... 433	418	25	252	391	250	110	181
59	Sirup (made).....	gallons.. 4,114	4,050		2,232	4,088	3,903	1,160	1,832
FRUITS AND NUTS									
Orchard fruits:									
60	Total.....	trees..... 81,736	100,584	20,269	149,936	179,928	160,302	88,592	267,079
61		bushels.. 27,948	107,382	13,036	114,898	87,209	98,258	33,250	422,524
62	Apples.....	trees..... 41,069	56,893	12,793	89,771	110,203	82,302	54,392	242,466
63		bushels.. 21,072	102,040	12,601	108,909	73,211	82,219	29,641	417,230
64	Peaches and nectarines.....	trees..... 17,795	21,853	6	27,842	19,626	20,913	1,507	12,552
65		bushels.. 891	174		196	185	169	30	423
66	Plums and prunes.....	trees..... 8,897	11,776	6,038	17,761	23,957	16,221	17,723	3,788
67		bushels.. 2,041	1,129	359	1,603	3,877	2,388	1,802	868
68	Cherries.....	trees..... 9,568	7,918	1,157	12,372	21,697	20,656	13,796	7,405
69		bushels.. 3,172	2,311	41	2,815	9,072	9,528	1,596	3,888
70	Grapes.....	vines..... 6,675	11,471	919	20,109	16,979	13,549	35,314	15,890
71		pounds.. 67,803	144,016	1,072	173,604	149,200	124,970	176,609	117,997
Small fruits:									
72	Total.....	acres..... 53	49	6	61	130	95	124	57
73		quarts.. 66,669	55,122	7,727	68,954	174,259	102,428	217,622	78,276
74	Strawberries.....	acres..... 14	11	0	17	36	26	65	15
75		quarts.. 30,718	15,730	6,028	21,930	54,763	38,755	143,161	25,681
76	Raspberries and loganberries.....	acres..... 8	7		8	36	19	31	20
77		quarts.. 6,770	7,393	366	8,154	41,207	16,175	35,639	21,125
78	Blackberries and clowberries.....	acres..... 28	23		30	53	49	22	19
79		quarts.. 25,234	23,623	68	31,248	72,977	43,633	31,239	28,473
80	Nuts.....	trees..... 309	696	1,155	746	3,857	607	4,047	97
81		pounds.. 7,010	7,390	3,080	17,131	25,325	6,552	16,175	2,160

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	820	845	1,177	1,065	1,271	1,027	1,416	937
2		Cash expended.....	150,556	88,752	240,138	145,480	174,445	151,396	251,569	243,305
3	Fertilizer.....	Rent and board furnished.....	40,170	24,721	85,841	45,987	57,931	47,650	33,168	66,529
4		Farms reporting.....	21	9	5	9	15	3	9	
5		Amount expended.....	815	423	119	795	944	405	57	
6	Feed.....	Farms reporting.....	567	1,105	430	1,111	897	851	676	
7		Amount expended.....	164,494	131,804	130,322	269,834	239,580	287,201	162,615	241,582
8	Receipts from sale of feedable crops.....	dollars.. 390,354	160,862	1,314,713	294,223	473,255	309,601	1,013,358	521,605	

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

Table with 9 columns: County (Poweshiek, Ringgold, Sac, Scott, Shelby, Sioux, Story, Tama) and 9 rows of crop categories. Rows include 'VALUE OF ALL CROPS', 'SELECTED CROPS (acres and quantity)', 'Other grains and seeds', 'Hay and forage', 'Special crops', and 'FRUITS AND NUTS'. Each row lists crop types and their values in dollars.

TABLE 5.—SELECTED FARM EXPENSES

Table with 9 columns: Expense Category, and 9 columns: County (Poweshiek, Ringgold, Sac, Scott, Shelby, Sioux, Story, Tama). Rows include 'Labor' (Farms reporting, Cash expended, Rent and board furnished), 'Fertilizer', 'Feed', and 'Receipts from sale of feedable crops'.

AGRICULTURE—IOWA.

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

Main table with columns for counties (Taylor to Wright) and rows for crop production values.

AND RECEIPTS, BY COUNTIES: 1909—Continued.

Table with columns for counties and rows for receipts values.

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

	THE STATE.	Adair.	Adams.	Allamakee.	Appanoose.	Audubon.	Benton.	Blackhawk.	Boone.	Bremor.
1	Inclusures reporting domestic animals . . .	76,411	468	312	522	1,142	490	921	1,320	683
2	Value of domestic animals dollars . . .	17,929,607	117,948	69,146	104,881	199,201	89,070	193,336	395,472	140,322
3	Cattle:									
4	Total number	61,705	545	230	484	956	298	730	407	462
5	Value dollars	2,229,183	10,621	8,077	14,843	36,509	10,554	24,570	16,836	14,067
6	Number of dairy cows	45,764	343	187	376	797	247	471	398	323
7	Horses:									
8	Total number	123,370	705	546	775	1,341	678	1,394	2,706	1,414
9	Value dollars	14,628,589	80,637	54,592	88,528	149,119	73,765	156,894	369,634	182,091
10	Number of mature horses	120,321	700	517	761	1,304	661	1,348	2,677	1,370
11	Mules and asses and burros:									
12	Total number	3,676	26	26	9	83	12	27	43	30
13	Value dollars	524,417	3,300	4,450	625	9,675	2,085	4,090	6,679	3,960
14	Number of mature mules	3,350	17	23	4	79	12	20	43	27
15	Swine:									
16	Total number	45,427	649	103	60	401	166	654	215	261
17	Value dollars	533,407	8,376	2,009	885	3,863	1,762	7,755	2,304	3,113
18	Sheep and goats:									
19	Total number	1,623	4	3	16	2	8	3	6	4
20	Value dollars	9,011	14	18	35	10	27	10	24	18

	Buchanan.	Buena Vista.	Butler.	Cathoun.	Carroll.	Cass.	Cedar.	Cerro Gordo.	Cherokee.	Chickasaw.
1	Inclusures reporting domestic animals . . .	838	681	808	741	687	744	773	776	541
2	Value of domestic animals dollars . . .	216,428	145,751	184,398	168,212	155,362	159,243	188,123	204,105	132,908
3	Cattle:									
4	Total number	767	497	675	549	672	533	578	540	422
5	Value dollars	26,231	10,255	22,576	20,349	24,444	20,588	23,581	17,857	15,843
6	Number of dairy cows	531	413	504	463	459	433	476	305	323
7	Horses:									
8	Total number	1,355	1,095	1,284	1,222	1,096	1,176	1,181	1,346	861
9	Value dollars	178,799	122,535	148,085	140,121	117,593	127,462	151,322	172,928	106,164
10	Number of mature horses	1,329	1,067	1,244	1,108	1,061	1,145	1,161	1,333	842
11	Mules and asses and burros:									
12	Total number	29	18	17	23	23	46	48	46	23
13	Value dollars	4,448	2,815	3,705	2,725	3,910	7,609	0,358	7,885	3,525
14	Number of mature mules	29	17	13	20	20	45	44	44	23
15	Swine:									
16	Total number	635	355	701	480	741	369	397	368	609
17	Value dollars	6,831	4,141	8,076	5,014	9,396	3,591	3,680	5,400	7,352
18	Sheep and goats:									
19	Total number	26	1	22	1	4	1	37	5	5
20	Value dollars	119	5	96	3	10	2	173	36	24

	Clarke.	Clay.	Clayton.	Clinton.	Crawford.	Dallas.	Davls.	Decatur.	Delaware.	Des Moines.
1	Inclusures reporting domestic animals . . .	391	501	806	1,193	552	1,062	373	686	644
2	Value of domestic animals dollars . . .	136,907	92,630	169,200	251,860	125,803	253,535	68,849	151,961	151,224
3	Cattle:									
4	Total number	431	465	848	629	509	1,040	384	790	438
5	Value dollars	15,987	13,076	27,045	23,657	20,024	37,638	14,707	28,450	15,788
6	Number of dairy cows	301	333	569	478	370	724	260	572	375
7	Horses:									
8	Total number	649	699	1,155	1,902	949	1,611	490	1,614	1,125
9	Value dollars	112,905	73,758	134,637	217,820	90,765	190,813	50,673	111,618	130,638
10	Number of mature horses	626	669	1,116	1,867	929	1,546	479	1,664	1,104
11	Mules and asses and burros:									
12	Total number	15	7	24	35	19	56	19	35	7
13	Value dollars	4,459	1,100	2,740	5,415	2,065	9,675	2,535	6,575	670
14	Number of mature mules	13	7	20	31	17	40	16	22	3
15	Swine:									
16	Total number	278	384	392	332	540	919	90	520	374
17	Value dollars	2,645	3,766	4,734	4,895	9,395	9,345	929	5,268	3,854
18	Sheep and goats:									
19	Total number	6	6	8	20	4	16	2	9	34
20	Value dollars	20	30	44	64	14	64	5	44	274

	Diekhuson.	Dubuque.	Emmet.	Fayette.	Floyd.	Franklin.	Fremont.	Greene.	Grundy.	Guthrie.
1	Inclusures reporting domestic animals . . .	304	1,360	382	937	662	503	552	604	488
2	Value of domestic animals dollars . . .	89,994	387,340	85,170	183,104	174,534	125,139	112,376	141,495	101,803
3	Cattle:									
4	Total number	444	611	338	833	690	538	509	480	377
5	Value dollars	13,583	22,574	11,421	28,600	23,809	19,103	18,816	17,121	12,580
6	Number of dairy cows	283	546	281	625	396	328	305	397	269
7	Horses:									
8	Total number	640	2,815	638	1,340	1,130	819	818	987	751
9	Value dollars	71,630	357,225	70,889	147,438	143,135	97,833	82,815	117,906	83,248
10	Number of mature horses	614	2,779	620	1,318	1,095	780	793	938	741
11	Mules and asses and burros:									
12	Total number	4	34	10	18	17	6	30	10	22
13	Value dollars	660	4,630	890	3,155	1,195	650	4,588	1,675	3,325
14	Number of mature mules	2	33	10	18	17	6	26	10	20
15	Swine:									
16	Total number	261	299	171	266	442	758	731	281	264
17	Value dollars	3,601	2,805	1,970	3,793	6,177	7,354	6,157	4,793	2,641
18	Sheep and goats:									
19	Total number	26	23	26	41	40	2	2	2	26
20	Value dollars	520	106	142	227	199	9	9	9	158

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

	Hamilton.	Hancock.	Hardin.	Harrison.	Henry.	Howard.	Humboldt.	Ia.	Iowa.	Jackson.
1 Inclosures reporting domestic animals...	726	463	1,011	860	780	529	531	308	568	722
2 Value of domestic animals.....dollars..	176,336	99,004	192,087	205,585	161,153	109,884	132,157	72,131	143,440	180,645
3 Cattle:										
4 Total number.....	572	531	724	801	501	537	491	191	768	726
5 Value.....dollars..	19,175	15,920	25,829	28,844	21,043	15,782	16,375	7,660	25,134	26,241
6 Number of dairy cows.....	436	416	626	651	383	377	326	175	397	539
7 Horses:										
8 Total number.....	1,164	704	1,434	1,358	1,182	752	859	552	948	1,121
9 Value.....dollars..	149,492	78,669	159,389	154,026	135,240	87,855	104,561	62,296	109,491	147,754
10 Number of mature horses.....	1,131	734	1,417	1,312	1,134	730	842	544	931	1,091
11 Mules and asses and burros:										
12 Total number.....	27	5	22	50	17	10	20	11	19	23
13 Value.....dollars..	4,500	305	2,660	9,575	1,955	1,130	4,245	925	2,720	3,245
14 Number of mature mules.....	22	2	20	42	10	10	15	11	18	21
15 Swine:										
16 Total number.....	323	326	373	1,047	312	257	492	120	637	388
17 Value.....dollars..	3,157	3,950	4,209	13,055	2,901	4,986	6,872	1,236	6,092	3,257
18 Sheep and goats:										
19 Total number.....	2	31	2	13	6	31	21	2	1	25
20 Value.....dollars..	12	154	10	85	14	131	104	8	3	148
	Jasper.	Jefferson.	Johnson.	Jones.	Keokuk.	Kossuth.	Lee.	Linn.	Louisa.	Lucas.
1 Inclosures reporting domestic animals...	826	650	860	576	1,064	738	1,137	2,066	544	448
2 Value of domestic animals.....dollars..	107,513	148,026	195,880	151,970	272,586	163,861	233,659	472,458	120,232	104,647
3 Cattle:										
4 Total number.....	620	511	426	532	845	992	673	1,126	416	324
5 Value.....dollars..	21,832	19,886	18,108	18,354	32,523	33,246	24,766	40,131	16,056	12,717
6 Number of dairy cows.....	443	365	352	432	666	557	518	885	330	254
7 Horses:										
8 Total number.....	1,373	915	1,410	1,110	1,700	1,155	1,767	3,304	796	682
9 Value.....dollars..	161,895	120,305	165,171	127,137	218,593	118,401	196,497	413,491	97,200	79,508
10 Number of mature horses.....	1,320	880	1,392	1,096	1,645	1,124	1,743	3,232	776	665
11 Mules and asses and burros:										
12 Total number.....	38	31	43	20	40	12	65	77	30	52
13 Value.....dollars..	5,875	5,475	7,005	3,635	5,160	1,265	8,250	13,250	4,105	9,565
14 Number of mature mules.....	35	29	40	20	37	8	64	73	28	47
15 Swine:										
16 Total number.....	686	263	366	217	1,074	852	468	458	338	260
17 Value.....dollars..	7,690	2,213	4,052	2,415	16,272	10,893	4,118	5,430	2,805	2,836
18 Sheep and goats:										
19 Total number.....	47	45	81	47	7	20	15	27	13	2
20 Value.....dollars..	221	147	344	429	38	146	58	150	66	21
	Lyon.	Madison.	Mahaska.	Marion.	Marshall.	Mills.	Mitchell.	Monona.	Monroe.	Montgomery.
1 Inclosures reporting domestic animals...	329	573	846	918	1,143	408	629	594	963	533
2 Value of domestic animals.....dollars..	85,653	132,627	196,600	216,511	254,998	131,059	130,909	146,349	185,970	117,522
3 Cattle:										
4 Total number.....	424	501	623	711	881	403	574	541	711	373
5 Value.....dollars..	12,815	18,090	23,920	24,345	33,232	15,274	17,633	21,202	27,181	15,918
6 Number of dairy cows.....	253	362	409	525	647	302	425	456	579	312
7 Horses:										
8 Total number.....	581	885	1,304	1,401	1,727	838	1,013	1,038	1,188	850
9 Value.....dollars..	66,805	105,888	158,048	173,884	209,735	104,691	107,681	112,013	130,504	95,321
10 Number of mature horses.....	565	859	1,275	1,357	1,692	815	992	1,087	1,135	829
11 Mules and asses and burros:										
12 Total number.....	13	40	101	95	40	49	10	33	229	61
13 Value.....dollars..	1,900	5,860	12,079	14,470	5,485	7,900	1,380	7,475	25,425	4,575
14 Number of mature mules.....	12	26	69	82	37	44	8	24	227	60
15 Swine:										
16 Total number.....	425	252	278	401	681	387	254	607	291	147
17 Value.....dollars..	3,961	2,454	2,536	3,795	6,539	4,157	4,207	5,645	2,723	1,706
18 Sheep and goats:										
19 Total number.....	14	54	7	5	4	4	4	2	17	1
20 Value.....dollars..	172	326	26	17	7	27	8	14	137	2
	Muscatine.	O'Brien.	Osceola.	Pago.	Palo Alto.	Plymouth.	Pocahontas.	Polk.	Pottawattamie.	Poweshiek.
1 Inclosures reporting domestic animals...	1,134	628	319	831	436	623	444	3,680	1,667	726
2 Value of domestic animals.....dollars..	243,210	134,891	64,804	191,954	139,768	148,946	93,000	1,144,374	343,906	183,780
3 Cattle:										
4 Total number.....	699	593	340	628	585	716	391	1,919	1,236	590
5 Value.....dollars..	27,758	17,614	10,206	25,129	18,472	26,066	12,647	75,092	46,452	19,651
6 Number of dairy cows.....	493	398	278	519	448	444	263	1,524	981	412
7 Horses:										
8 Total number.....	1,801	1,098	474	1,346	892	1,049	706	7,366	2,675	1,261
9 Value.....dollars..	204,278	109,729	48,911	155,874	113,169	111,846	75,665	1,005,449	285,255	155,765
10 Number of mature horses.....	1,775	979	465	1,313	870	1,019	689	7,270	2,632	1,230
11 Mules and asses and burros:										
12 Total number.....	56	12	9	34	12	20	6	494	47	19
13 Value.....dollars..	7,524	1,875	660	5,364	1,540	2,882	460	56,355	6,435	3,580
14 Number of mature mules.....	53	11	4	30	10	18	4	484	37	17
15 Swine:										
16 Total number.....	364	415	332	635	481	607	260	727	637	438
17 Value.....dollars..	3,642	5,571	5,761	5,358	6,570	8,054	4,291	7,368	5,729	4,697
18 Sheep and goats:										
19 Total number.....	2	25	15	53	3	12	9	25	11	17
20 Value.....dollars..	8	102	166	229	17	98	27	110	35	87

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

	Ringgold.	Sac.	Scott.	Shelby.	Sioux.	Story.	Tama.	Taylor.	Union.	Van Buren.
1 Inclosures reporting domestic animals . . .	451	637	1,045	538	1,042	1,130	923	577	595	482
2 Value of domestic animals dollars..	107,239	129,837	276,887	157,990	223,705	204,275	208,491	130,062	149,406	109,809
3 Cattle:										
4 Total number	501	502	408	639	1,134	917	815	488	448	444
5 Value dollars..	18,191	17,431	15,154	26,597	36,730	33,741	27,903	19,029	15,708	16,612
6 Number of dairy cows	395	369	314	390	738	693	567	411	340	292
7 Horses:										
8 Total number	653	976	2,280	947	1,567	1,790	1,449	883	991	757
9 Value dollars..	78,166	104,513	250,409	114,105	170,163	219,736	173,150	109,874	125,455	89,366
10 Number of mature horses	621	957	2,275	899	1,532	1,714	1,390	853	938	741
11 Mules and asses and burros:										
12 Total number	26	22	63	47	35	32	22	34	33	14
13 Value dollars..	5,339	2,815	9,250	8,035	5,488	4,700	2,745	6,025	5,590	2,825
14 Number of mature mules	19	21	60	47	34	31	21	26	29	12
15 Swine:										
16 Total number	474	434	212	673	951	593	444	402	227	107
17 Value dollars..	5,483	4,758	1,988	9,237	11,278	6,009	4,628	4,128	2,635	960
18 Sheep and goats:										
19 Total number	10	37	12	5	11	23	15	2	7	9
20 Value dollars..	60	320	86	22	40	80	65	6	18	46

	Wapello.	Warren.	Washington.	Wayne.	Webster.	Winnebago.	Winneshiek.	Woodbury.	Worth.	Wright.
1 Inclosures reporting domestic animals . . .	1,162	676	701	720	1,217	473	552	1,804	330	582
2 Value of domestic animals dollars..	250,922	173,210	187,085	154,133	225,929	98,118	127,010	583,817	57,231	118,674
3 Cattle:										
4 Total number	680	577	449	612	838	685	500	2,115	428	466
5 Value dollars..	20,009	21,158	21,009	25,472	26,676	20,080	17,873	93,057	12,092	17,397
6 Number of dairy cows	550	427	393	518	671	514	401	1,083	324	395
7 Horses:										
8 Total number	1,763	1,049	1,248	1,036	1,768	677	765	3,352	460	861
9 Value dollars..	200,364	145,006	146,197	118,382	192,650	74,775	97,300	415,488	42,232	96,690
10 Number of mature horses	1,728	1,022	1,222	1,017	1,732	660	748	3,283	450	846
11 Mules and asses and burros:										
12 Total number	138	25	96	35	24	6	7	77	2	8
13 Value dollars..	15,495	4,114	17,165	6,092	2,815	570	1,175	10,060	400	1,361
14 Number of mature mules	131	20	94	26	24	5	6	72	2	8
15 Swine:										
16 Total number	582	289	297	409	330	183	698	4,054	165	237
17 Value dollars..	5,213	2,914	2,481	4,181	3,682	1,788	10,639	64,779	2,470	3,252
18 Sheep and goats:										
19 Total number	144	4	34	2	23	2	5	60	3	9
20 Value dollars..	841	18	233	6	100	5	23	433	11	34