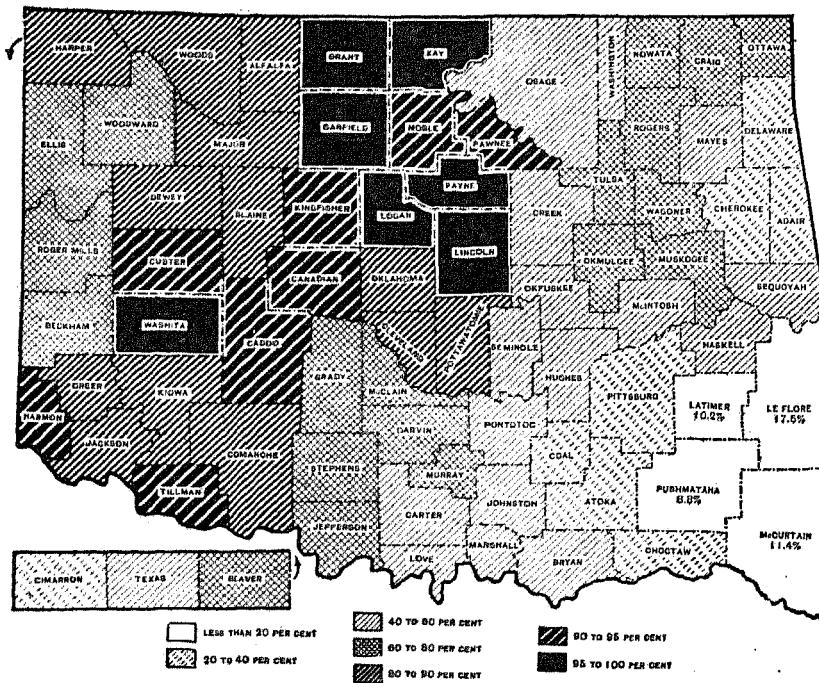


PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN OKLAHOMA, BY COUNTIES : 1910.

PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 65.]

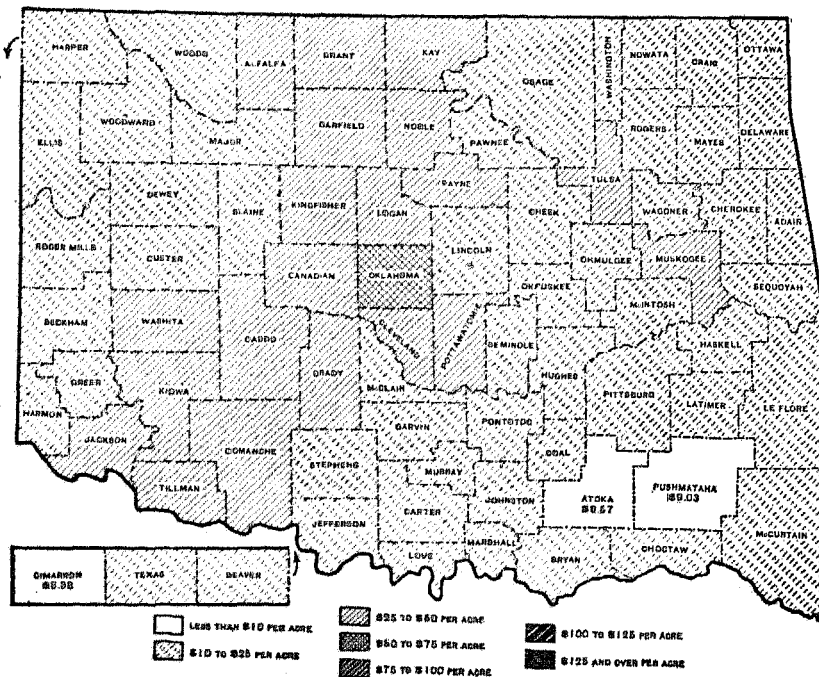
The per cent of land area in farms, when less than 20, is inserted under the county name.



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$22.49.]

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



# OKLAHOMA.

## FARMS AND FARM PROPERTY.

Oklahoma ranks twenty-third in population and seventeenth in land area among the states and territories of continental United States. The average elevation of the state is about 1,300 feet above sea level, the altitudes ranging from approximately 350 feet in the extreme southeastern portion to more than 4,500 feet in the extreme western portion, adjoining New Mexico—the part of the state known as the Panhandle.

The eastern portion of the state is occupied by two mountainous regions separated by the valley of the Arkansas River. The northern portion of this district comprises a portion of the Ozark uplift, while the southern portion is known as the Ouachita Mountains. Within these regions are numerous mountain ranges and extensive stretches of plateau country, which are for the most part covered with forests. The valley of the Arkansas River is a rolling to ridged valley which separates the more mountainous portions of the state along the eastern boundary. The altitudes within the mountain and plateau district rise to 1,500 and 2,000 feet above sea level.

Immediately to the west of the mountainous region occur the broad plains and prairies which occupy practically all of the central portion of the state. These lie at altitudes ranging from 800 to 2,000 feet above sea level and merge into the High Plains of the extreme western portion of the state, which rise gradually westward from an altitude of 2,000 feet to approximately 5,000 feet in the extreme western portion of Cimarron County. In south central Oklahoma there are two smaller mountain ranges, the Arbuckle Mountains and the Wichita Mountains.

Along the extreme southern boundary of the state the Coastal Plain occupies a small area bordering the Red River. The altitudes within this region range from 350 to 600 feet above sea level.

The more mountainous eastern portion of the state is occupied by a wide variety of soils derived principally from sandstone, shale, and siliceous limestone rocks. Only the more level portions, chiefly derived from the limestone formations of the Ozark uplift and from associated shales, are used for agricultural purposes. From these soils in the northeastern portion of the state gray silty and stony loams have been formed. The more mountainous sections in the eastern part of the state are chiefly occupied by forests.

The eastern portion of the Residual Prairie region consists chiefly of sandstone and shale rocks, with numerous ledges of interbedded limestone. These formations give rise to sandy loam, loam, and clay soils. The west central portion of the state is occupied by extensive areas of brown or red sandy loam and

loam soils derived from the Permian red beds. Throughout this section there are broad belts of sand hills, occurring principally along the northern and northeastern banks of the principal rivers. The Residual Prairie section merges gradually into the High Plains, occupying the extreme western portion of the state. Within the plains section the soils are largely gravelly loams, sandy loams, and sands.

The soils of the Coastal Plain consist of considerable areas of dark-colored clays and clay loams occurring in the calcareous prairies of the south central portion of the state. In the extreme southeastern portion of the state occur sandy loams derived from the underlying formations of the rolling Coastal Plain. Extensive alluvial bottoms are found along the Red River and along the other larger streams which cross the state from west to east. The rainfall over the whole state of Oklahoma is sufficient for the growing of most crops without irrigation, the normal annual precipitation ranging from about 17 inches at the western boundary to about 40 inches at the eastern boundary. In the extreme western part of the state irrigation is practiced to a limited extent.

The two maps on the opposite page show, for the different counties, the proportion of the total land area in farms and the average value of farm land per acre. Of the state's entire land area, 65 per cent is in farms. As shown by the first map, in the greater number of counties in the eastern half of the state, corresponding quite closely to those which from 1893 to 1906 formed Indian Territory, less than three-fifths of the land area is in farms; two counties in the Panhandle also fall below this proportion. In the eastern half of the state, however, there is a group of eight counties, lying to the north of the center, which have between 60 and 80 per cent of their land in farms. The counties of the western half of the state are distributed among the four groups having over 60 per cent of their land in farms.

The average value of farm land per acre for the state as a whole is \$22.49. In all of the south central and eastern counties of the state, with the exception of Muskogee and Tulsa, the average value of farm land, as shown by the second map, is below \$25 per acre, and the western and northwestern counties likewise fall below this figure. Between these groups is a belt of 18 counties, extending from the middle of the northern boundary of the state to the southwest corner, with land values between \$25 and \$50 per acre. Oklahoma County alone shows a value above \$50 per acre, and three counties, Atoka, Pushmataha, and Cimarron, show values under \$10 per acre.

Irrigation.—Of the 190,192 farms in the state, 137, or 0.1 per cent, were reported irrigated in 1909. The acreage reported as irrigated in 1909 was 4,388 acres, or less than one-tenth of 1 per cent of the improved land in farms. The area to which enterprises existing in 1910 were capable of supplying water was 6,397 acres, and the total acreage included in irrigation

projects completed or under way in 1910 was 8,528 acres.

Progress during the decade 1900 to 1910.—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 <sup>1</sup> (June 1)	INCREASE. <sup>2</sup>	
			Amount.	Per cent.
Population.....	1,657,155	790,391	866,764	109.7
Number of all farms.....	190,192	108,000	82,192	76.1
Approximate land area of the state..... acres..	44,424,960	44,424,960	.....	.....
Land in farms..... acres..	28,859,353	22,988,339	5,871,014	25.5
Improved land in farms..... acres..	17,551,337	8,574,187	8,977,150	104.7
Average acres per farm.....	151.7	212.9	-61.2	-28.7
<b>Value of farm property:</b>				
Total.....	\$918,198,882	\$277,525,433	\$640,673,449	230.9
Land.....	649,068,668	149,397,900	499,668,768	334.5
Buildings.....	89,610,556	21,406,775	68,203,781	318.6
Implements and machinery.....	27,088,866	10,512,495	16,576,371	157.7
Domestic animals, poultry, and bees.....	152,432,792	96,208,263	56,224,529	58.4
Average value of all property per farm.....	\$4,828	\$2,570	\$2,258	87.9
Average value of land per acre.....	\$22.49	\$6.50	\$15.99	246.0

<sup>1</sup> Includes Indian Territory.

<sup>2</sup> A minus sign (-) denotes decrease.

NOTE.—Ranges or ranches using the public domain for grazing purposes but not owning or leasing land were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, averages, and percentages in which the number of farms is a factor. In 1910 there were 14 such ranges included as farms.

Between 1900 and 1910 the number of farms in Oklahoma increased from 108,000 to 190,192, a gain of 82,192, or 76.1 per cent. During the same time the population increased 109.7 per cent.

The approximate land area of the state is 44,424,960 acres. Of this area, 28,859,353 acres, or 65 per cent, are included in farms, representing an increase of 5,871,014 acres, or 25.5 per cent, over the figures for 1900. The improved acreage increased from 8,574,187 acres in 1900 to 17,551,337 acres in 1910, a gain of 104.7 per cent. In 1900 the improved land in farms was equal to 19.3 per cent of the total land area of the state; in 1910 it was 39.5 per cent. On account of the greater relative increase in the number of farms than in the farm acreage, the average size of farms, which was 212.9 acres in 1900, had decreased to 151.7 acres in 1910.

The total value of farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), is \$918,199,000, an increase of 230.9 per cent since 1900. Land alone increased in value \$499,669,000, or 334.5 per cent, as compared with an increase of \$68,204,000, or 318.6 per cent, in the value of buildings; of \$56,225,000, or 58.4 per cent, in that of live stock; and of \$16,576,000, or 157.7 per cent, in that of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of commodities in the last 10 years should be borne in mind.

The average value of a farm, including its equip-

ment, is \$4,828, an increase of 87.9 per cent over the value in 1900. The average value of land per acre has increased since 1900 from \$6.50 to \$22.49, a gain of \$15.99, or 246 per cent.

Of the total wealth in the form of farm property, 80.4 per cent represents land and buildings, 16.6 per cent live stock, and 3 per cent implements and machinery. In 1900 the total value of farm property (\$277,525,000) was distributed among the three classes in widely different proportions from those of 1910, land and buildings contributing but 61.5 per cent of the total, live stock 34.7 per cent, and implements and machinery 3.8 per cent. Hence it will be seen that land has become a greater factor and live stock a smaller factor in the farm values of the state. The value of land and buildings is \$738,677,000, showing an increase of \$567,873,000, or 332.5 per cent, since 1900.

**Average acreage and values per farm: 1900 to 1910.**—The changes which have taken place during the past 10 years in the average acreage of Oklahoma 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 table following.

Of the average value of an Oklahoma farm (\$4,828), \$3,884 represents the value of land and buildings, \$801 that of live stock, and \$142 that of implements and machinery. The average value per farm of all farm property increased \$2,258, or 87.9 per cent, during the last decade. During the same period the value of land and buildings increased \$2,302, or 145.5 per cent.

The value of implements and machinery made a gain of \$45 per farm, while that of live stock decreased \$90. The average value of land and buildings per acre increased from \$7.43 in 1900 to \$25.60 in 1910.

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. <sup>1</sup>				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	151.7	\$4,828	\$3,884	\$142	\$801	\$25.60
1900 <sup>2</sup> .....	212.9	2,570	1,582	97	891	7.43

<sup>1</sup> Averages are based on "all farms" in state.  
<sup>2</sup> Includes Indian Territory. No comparable data for earlier censuses.

**Farm tenure: 1900 to 1910.**—The following table shows the distribution of the farms of the state according to character of tenure at the censuses of 1910 and 1900:

TENURE.	1910	1900 <sup>1</sup>
Number of all farms.....	190,192	108,000
<b>Farms operated by owners and managers.....</b>	<b>86,055</b>	<b>60,750</b>
Farms consisting of owned land only.....	64,884	53,619
Farms consisting of owned and hired land.....	20,520	6,590
Farms operated by managers.....	651	541
<b>Farms operated by tenants.....</b>	<b>104,137</b>	<b>47,250</b>
Share tenants.....	72,356	33,347
Share-cash tenants <sup>2</sup> .....	3,962	
Cash tenants.....	21,751	
Tenure not specified <sup>3</sup> .....	6,068	13,903
<b>Per cent of farms operated by—</b>		
Owners and managers.....	45.2	56.2
Tenants.....	54.8	43.8
Share and share-cash.....	40.1	30.9
Cash and nonspecified.....	14.6	12.9

<sup>1</sup> Includes Indian Territory. No comparable data for earlier censuses.  
<sup>2</sup> Share-cash tenants were doubtless largely included with share tenants in 1900.  
<sup>3</sup> Prior to 1910 nonspecified tenants were included with cash tenants.

The number of all farms, and therefore of all farm operators, is 190,192. Of the operators, 85,404 are classified as owners, 651 as managers, and 104,137 as tenants. Of the owners, 64,884 operate exclusively land owned by them, while 20,520 operate land which they rent in addition to that which they own. The number of those who operate some land in addition to their own has increased more rapidly during the last decade than has the number who operate their own farms exclusively. The tenants are further distributed according to the character of their tenancy; thus 72,356 are reported as share tenants, 3,962 as share-cash tenants, 21,751 as cash tenants, and for 6,068 no report relative to character of tenure was secured.

While the total number of farms in the state has increased 76.1 per cent since 1900, the number of tenant farms has increased 120.4 per cent. Thus the relative number of tenants has increased from 43.8 per cent of all farm operators in 1900 to 54.8 per cent in 1910. Throughout the eastern and southern part of the state there are only four counties in which the number of tenant farms is below 50 per cent of the total, while in the northwestern portion the percentage is below that figure in every instance.

For the sake of comparison with the figures of 1900,

the share and share-cash tenants have been grouped together, and likewise the cash tenants and those with tenure not specified. In both 1900 and 1910 the share and share-cash group was much larger than the other.

The following table shows, for white and colored farmers together, and for each class separately, the total and improved acreage and the 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 <sup>1</sup>	1910	1900 <sup>1</sup>	1910	1900 <sup>1</sup>
<b>All farmers.....</b>	<b>28,859,353</b>	<b>22,988,339</b>	<b>17,551,337</b>	<b>8,574,187</b>	<b>\$738,677,224</b>	<b>\$170,804,675</b>
Owners.....	15,996,795	12,238,431	9,322,165	5,184,961	417,862,302	107,473,495
Managers.....	428,679	2,936,411	176,927	218,243	8,748,571	11,628,940
Tenants.....	12,433,879	7,813,497	8,052,245	3,170,983	312,066,351	51,402,240
<b>White.....</b>	<b>26,582,642</b>	<b>21,128,187</b>	<b>16,378,518</b>	<b>7,827,271</b>	<b>691,455,431</b>	<b>156,654,695</b>
Owners.....	14,397,140	10,685,337	8,587,571	4,562,753	385,530,954	95,477,155
Managers.....	422,384	2,840,991	175,443	205,415	8,612,109	11,564,570
Tenants.....	11,763,118	7,601,859	7,615,504	3,059,103	297,306,368	49,612,970
<b>Colored.....</b>	<b>2,276,711</b>	<b>1,860,152</b>	<b>1,172,819</b>	<b>746,916</b>	<b>47,221,793</b>	<b>14,149,980</b>
Owners.....	1,599,655	1,553,094	734,594	622,208	32,325,348	11,996,340
Managers.....	6,295	95,420	1,484	12,828	136,462	364,370
Tenants.....	670,761	211,638	436,741	111,880	14,759,983	1,780,270

<sup>1</sup> Includes Indian Territory.

The following table shows, for white and colored farmers combined, and for each class separately, 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
<b>All farmers.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	44.9	55.7	55.4	53.2	53.1	60.5	56.6	62.9
Managers.....	0.3	0.5	1.5	12.8	1.0	2.5	1.2	7.0
Tenants.....	54.8	43.8	43.1	34.0	45.9	37.0	42.2	30.1
<b>White.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	43.8	52.8	54.2	50.6	52.4	58.3	55.8	60.9
Managers.....	0.4	0.5	1.0	13.4	1.1	2.6	1.2	7.4
Tenants.....	55.8	46.7	44.3	36.0	46.5	39.1	43.0	31.7
<b>Colored.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	53.9	77.1	70.3	83.5	62.6	83.3	68.5	84.8
Managers.....	0.1	0.4	0.3	5.1	0.1	1.7	0.3	2.6
Tenants.....	45.9	22.6	29.5	11.4	37.2	15.0	31.3	12.6

It will be seen that, in 1910, 55.4 per cent of all land in farms was in farms operated by their owners (including part owners), 1.5 per cent in farms operated by managers, and 43.1 per cent in farms operated by tenants, the percentage for owners and for tenants being higher and that for managers decidedly lower than in 1900.

Of all land in farms operated by white farmers, 54.2 per cent was in farms operated by their owners, and 44.3 per cent in tenant farms, while of that in farms operated by colored farmers, 70.3 per cent was in farms operated by owners, and 29.5 per cent in tenant farms. The proportion of land in farms operated by owners increased between 1900 and 1910 among white farmers, while among colored farmers it showed a decrease.



As shown by the next table, the average size of farms operated by managers in 1910 (658.5 acres) was about three and one-half times as great as that of farms operated by owners (187.3 acres), which was in turn about one and one-half times as great as that of farms operated by tenants (119.4 acres). The average size of all three classes of farms decreased between 1900 and 1910, the greatest decrease being that in the size of farms operated by managers. In 1910 the percentage of farm land improved was highest for tenant farms and lowest for farms operated by managers.

The average size of farms operated by white farmers in 1910 (156.8 acres) was nearly one and one-half times as large as that of farms of colored farmers (110.1 acres); both classes of farms decreased in size between 1900 and 1910. The proportion of land improved was larger for farms of white farmers than for those of colored farmers, being, respectively, 61.6 and 51.5 per cent of the total acreage of each class of farms.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		1910	1900	Per farm.		Per acre.	
	1910	1900	1910	1900			1910	1900	1910	1900
<b>All farmers</b>	151.7	212.9	92.3	79.4	60.8	37.3	\$3,884	\$1,562	\$25.60	\$7.43
Owners.....	187.3	243.3	109.2	86.1	58.3	42.4	4,893	1,785	26.12	8.78
Managers.....	658.5	5,427.7	271.8	493.4	41.3	7.4	13,439	22,050	20.41	4.06
Tenants.....	119.4	165.4	77.3	67.1	64.8	40.6	2,997	1,088	25.10	6.58
<b>White</b>	156.8	222.9	96.6	82.6	61.6	37.0	4,079	1,653	26.01	7.41
Owners.....	193.9	243.6	115.7	91.2	59.6	42.7	5,192	1,909	26.78	8.94
Managers.....	676.9	5,774.4	281.2	417.5	41.5	7.2	13,801	23,505	20.39	4.07
Tenants.....	124.3	171.7	80.5	69.1	64.7	40.2	3,141	1,121	25.27	6.53
<b>Colored</b>	110.1	140.7	56.7	56.5	51.5	40.2	2,284	1,070	20.74	7.61
Owners.....	143.5	152.4	65.9	61.1	45.9	40.1	2,899	1,177	20.21	7.72
Managers.....	233.1	1,947.3	55.0	261.8	23.6	13.4	5,054	7,436	21.68	3.82
Tenants.....	70.7	70.9	46.0	37.5	65.1	52.9	1,555	599	22.00	8.45

**Farm mortgages: 1900 to 1910.**—The earliest available data for Oklahoma, relating to mortgage debt on farms, were secured by the population schedules of the Twelfth Census (1900), the basis of the returns being the "farm home" occupied by its owner. 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.

In 1910 the total number of farms owned in whole or in part by the operators was 85,404. Of this number 46,889 were reported as free from mortgage; 36,036 were reported as mortgaged; and for 2,479 no

report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 43.5 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is between four and five times as high as it was in 1900, the number of mortgaged farms having increased rapidly, while the number free of mortgage has decreased.

CLASS.	OWNED FARMS. <sup>1</sup>		OWNED FARM HOMES.	
	1910		1900 <sup>2</sup>	
	Number.	Per cent. <sup>3</sup>	Number.	Per cent. <sup>3</sup>
Total.....	85,404		60,635	
Free from mortgage.....	46,889	56.5	50,076	90.8
Mortgaged.....	36,036	43.5	5,073	9.2
Unknown.....	2,479		5,486	

<sup>1</sup> Includes all farms owned in whole or in part by the operator.  
<sup>2</sup> Includes Indian Territory. No comparable data for earlier censuses.  
<sup>3</sup> Per cent of combined total of "free from mortgage" and "mortgaged."

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 36,036 farms reported as mortgaged, 26,215 are wholly owned by the farmers, and for 24,588 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included in the next tabular statement, which gives 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. Comparable data for earlier censuses are not available.

	Owned farms or farm homes mortgaged: 1910. <sup>1</sup>
Number.....	24,588
Value—Land and buildings.....	\$122,327,300
Amount of mortgage debt.....	\$27,384,705
Per cent of debt to value.....	22.4
Average value per farm.....	\$4,975
Average debt per farm.....	\$1,114
Average equity per farm.....	\$3,861

<sup>1</sup> Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.

The average debt of mortgaged farms is \$1,114, while the average value is \$4,975. Hence the average owner's equity is \$3,861.

**Farms by size groups: 1910 and 1900.**—Farms of 100 to 174 acres formed 41.5 per cent of the total number operated by white farmers, and farms of 50 to 99 acres ranked next, with 19.8 per cent of the total; among colored farmers, farms of 20 to 49 acres constituted the most numerous size group, forming 30.6 per cent of the total number, and farms of 50 to 99 acres ranked next, with 26.3 per cent of the total. Of the farms operated by colored farmers, 38.5 per cent

were farms of less than 50 acres, as compared with 18.1 per cent of the farms of white farmers.

Nearly two-fifths (39.5 per cent) of the farms in Oklahoma are from 100 to 174 acres in size, more than one-fifth (20.5 per cent) from 50 to 99 acres, and almost one-sixth (16.6 per cent) from 20 to 49 acres. These three groups contain more than three-fourths of all the farms in the state. Less than 5 per cent are under 20 acres in size, while the farms of 175 acres or over constitute about one-fifth of the total. The group containing farms of 50 to 99 acres, and the two groups containing farms of 175 to 499 acres show increases from 1900 to 1910 in their respective percentages of the totals, while all other groups show decreases. The largest absolute gain was made in the group of farms having from 100 to 174 acres, the increase in this class amounting to 26,203. The greatest absolute decrease occurred in the number of farms of 1,000 acres and over. The greatest relative decrease was in places under 3 acres reported as farms, the number of these now reported being little more than one-fourth the number reported 10 years ago. This decrease may be due to a different interpretation made by the enumerators as to what constitutes a small farm, or may represent an actual decrease in that type of farm.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE, <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900 <sup>2</sup>	Number.	Per cent.	1910	1900
<b>All farmers.....</b>	<b>190,192</b>	<b>108,000</b>	<b>82,192</b>	<b>78.1</b>	<b>100.0</b>	<b>100.0</b>
Under 3 acres.....	104	388	-284	-73.2	0.1	0.4
3 to 9 acres.....	1,975	1,085	290	17.2	1.0	1.6
10 to 19 acres.....	5,079	4,658	421	9.0	2.7	4.3
20 to 49 acres.....	31,489	19,990	12,099	62.4	16.6	18.0
50 to 99 acres.....	39,002	16,300	22,702	139.3	20.5	15.1
100 to 174 acres.....	75,186	48,983	26,203	53.5	39.5	45.4
175 to 259 acres.....	10,078	6,002	10,076	167.9	5.5	5.6
260 to 499 acres.....	17,734	7,204	10,530	146.2	9.3	6.7
500 to 999 acres.....	2,688	1,937	751	38.8	1.4	1.8
1,000 acres and over..	857	1,453	-596	-41.0	0.5	1.3
<b>White.....</b>	<b>169,521</b>	<b>94,775</b>	<b>74,746</b>	<b>78.9</b>	<b>100.0</b>	<b>100.0</b>
Under 3 acres.....	89	290	-201	-69.3	0.1	0.3
3 to 9 acres.....	1,545	821	724	88.2	0.9	0.9
10 to 19 acres.....	3,908	3,091	817	26.4	2.3	3.3
20 to 49 acres.....	25,161	16,235	8,926	55.0	14.8	17.1
50 to 99 acres.....	33,506	14,155	19,411	137.1	19.8	14.9
100 to 174 acres.....	70,282	45,550	24,723	54.3	41.5	48.1
175 to 259 acres.....	14,082	5,411	9,571	176.9	8.8	5.7
260 to 499 acres.....	16,804	6,502	10,362	159.4	9.9	6.9
500 to 999 acres.....	2,370	1,528	842	55.1	1.4	1.0
1,000 acres and over..	754	1,183	-429	-36.3	0.4	1.2
<b>Colored.....</b>	<b>20,671</b>	<b>13,225</b>	<b>7,446</b>	<b>56.3</b>	<b>100.0</b>	<b>100.0</b>
Under 3 acres.....	15	98	-83	-84.7	0.1	0.7
3 to 9 acres.....	430	864	-434	-50.2	2.1	6.5
10 to 19 acres.....	1,171	1,567	-396	-25.3	5.7	11.8
20 to 49 acres.....	6,328	3,155	3,173	100.6	30.0	23.9
50 to 99 acres.....	5,436	2,145	3,291	153.4	26.3	16.2
100 to 174 acres.....	4,904	3,424	1,480	43.2	23.7	25.9
175 to 259 acres.....	1,096	591	505	85.4	5.3	4.5
260 to 499 acres.....	870	702	168	23.9	4.2	5.3
500 to 999 acres.....	318	409	-91	-22.2	1.5	3.1
1,000 acres and over..	103	270	-167	-61.9	0.5	2.0

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

<sup>2</sup> Includes Indian Territory.

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 7,158), and also the farms of between 175 and 499 acres (numbering 33,812).

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900 <sup>1</sup>	1910	1900 <sup>1</sup>	1910	1900 <sup>1</sup>
<b>Total.....</b>	<b>28,859,353</b>	<b>22,988,339</b>	<b>17,551,337</b>	<b>8,574,187</b>	<b>\$738,677,224</b>	<b>\$170,804,075</b>
Under 20.....	80,936	78,682	76,769	74,458	6,072,521	1,433,620
20 to 49.....	1,065,835	625,971	930,731	576,787	30,170,704	7,329,010
50 to 99.....	2,798,885	1,149,009	2,042,852	853,286	75,944,069	12,614,990
100 to 174.....	11,217,523	7,547,936	7,118,392	3,836,017	314,847,369	76,485,295
175 to 499.....	9,429,784	3,725,720	5,014,539	2,064,488	248,931,705	34,285,860
500 to 999.....	1,767,120	1,266,374	876,997	485,265	38,255,653	7,509,930
1,000 and over..	2,499,270	8,594,557	591,087	653,886	26,805,212	30,897,170

<sup>1</sup> Includes Indian Territory.

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
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 20 acres.....	3.8	6.2	0.3	0.3	0.4	0.9	0.9	0.8
20 to 49 acres.....	16.6	18.0	3.7	2.7	5.3	6.7	4.1	4.3
50 to 99 acres.....	20.5	15.1	9.7	5.0	11.6	10.0	10.3	7.4
100 to 174 acres.....	39.5	45.4	38.9	32.8	40.6	44.7	42.6	44.8
175 to 499 acres.....	17.8	12.2	32.7	16.2	33.7	24.4	33.7	20.1
500 to 999 acres.....	1.4	1.8	6.1	5.5	5.0	5.7	4.8	4.6
1,000 acres and over..	0.5	1.3	8.7	37.4	3.4	7.6	3.6	18.1

Of the total farm acreage of the state in 1910, 38.9 per cent was in farms of 100 to 174 acres, and 32.7 per cent in farms of 175 to 499 acres, these two being from the standpoint of aggregate acreage the most important size groups. The most notable change between 1900 and 1910 was the decrease in the proportion of the total acreage which was in farms of 1,000 acres and over, offset by increases in the proportion for farms in every other size group, except that of under 20 acres for which it remained the same, the greatest increase being for the farms of 175 to 499 acres.

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 in general 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
<b>Total.....</b>	<b>69.8</b>	<b>37.3</b>	<b>\$3,884</b>	<b>\$1,582</b>	<b>\$25.60</b>	<b>\$7.43</b>
Under 20 acres.....	94.9	94.6	932	213	82.44	18.22
20 to 49 acres.....	87.3	92.1	958	378	28.31	11.71
50 to 99 acres.....	73.0	74.3	1,947	774	27.13	10.98
100 to 174 acres.....	63.5	50.8	4,188	1,600	28.07	10.13
175 to 499 acres.....	62.7	56.2	7,362	2,586	26.49	8.20
500 to 999 acres.....	49.6	38.3	13,116	4,032	19.85	6.17
1,000 acres and over..	23.7	7.6	31,278	21,264	10.73	3.59

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

COLOR AND NATIVITY.	FARM OPERATORS.						Per cent of total.		
	Total.		Owners.	Tenants.	Man-agers.	Own-ers.	Ten-ants.	Man-agers.	
	Number.	Per cent distribution.							
<b>Total</b> .....	190,192	100.0	85,404	104,137	651	44.9	54.8	0.3	
Native white.....	161,773	85.1	68,504	92,637	602	42.4	57.2	0.4	
Foreign-born white	7,748	4.1	5,690	2,036	22	73.4	26.3	0.3	
Negro and other nonwhite.....	20,671	10.9	11,150	9,494	27	53.9	45.9	0.1	

Of the farmers in Oklahoma, 169,521, or practically nine-tenths, were whites and 20,671, or about one-

tenth, nonwhites. All but 7,748 of the white farmers were native born; of the nonwhite farmers, 13,209, or about two-thirds, were negroes, and the others, with the exception of 2 Chinese and 1 Japanese, were Indians.

Of the native white farmers, 57.2 per cent were reported as tenants, while of the foreign born, only 26.3 per cent occupy rented farms. Among nonwhite farmers the tenants constituted 45.9 per cent of the total number.

Of the 7,748 foreign-born white farmers in Oklahoma in 1910, 3,015 were born in Germany; 1,391 in Russia; 803 in Austria; 454 in England; 441 in Canada; 285 in Ireland; 258 in Sweden; 228 in Switzerland; 172 in Denmark; 140 in France; and 128 in Scotland. Other European countries were represented by a total of 356 farmers, and non-European countries, other than Canada, by 77.

**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.

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

Of the total number of farms enumerated, 183,820, or 96.7 per cent, report domestic animals of some kind, the number without any domestic animals being 6,372.

Cattle are reported by 82.5 per cent of all farms, "dairy cows" by 80.8 per cent, and "other cows" by only 22.4 per cent. The average value of "dairy cows" increased from \$27.84 in 1900 to \$30.28 in 1910, while that of cows not kept for dairy purposes remained almost unchanged. The average number of "dairy cows" per farm reporting is only 3, while the average number of "other cows" per farm reporting that class is 7. In 1900 the average number of "other cows" per farm was 24.

Horses are reported by 85.8 per cent of all the farmers in the state, yearling colts by 21 per cent, and spring colts by 13.1 per cent. The average values of horses of the different age groups have more than doubled since 1900. Mules are reported by 47.6 per cent of the farmers, and are slightly over one-third as numerous as horses. Their average values are considerably higher than those for horses of the corresponding age groups.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.			AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.		Number.	Per cent of all farms.	Number.	Value.	Average value.
<b>Total</b> .....	183,820	96.7		\$148,652,083		<b>Mules</b> .....	90,488	47.6	257,066	\$28,618,224	\$111.33
<b>Cattle</b> .....	156,842	82.5	1,853,560	43,187,601	\$22.11	Mules born before Jan. 1, 1909.....	81,732	43.0	219,990	26,428,433	120.13
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	153,693	80.8	530,796	16,072,908	30.28	Mule colts born in 1909.....	14,254	7.5	25,795	1,746,555	67.71
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	42,639	22.4	304,165	6,489,690	21.34	Mule colts born after Jan. 1, 1910.....	8,918	4.7	11,281	443,230	39.20
Heifers born in 1909.....	71,085	37.4	202,337	2,650,755	13.10	<b>Asses and burros</b> .....	2,880	1.5	5,723	881,305	153.99
Calves born after Jan. 1, 1910.....	96,306	50.6	261,194	1,690,424	6.47	<b>Swine</b> .....	135,741	71.4	1,839,030	11,997,641	6.52
Steers and bulls born in 1909.....	36,926	19.4	175,627	2,687,740	15.30	Hogs and pigs born before Jan. 1, 1910.....	129,513	68.1	1,211,876	10,440,178	8.61
Steers and bulls born before Jan. 1, 1909.....	16,222	8.5	444,049	12,548,326	28.26	Pigs born after Jan. 1, 1910.....	59,163	31.1	627,154	1,557,463	2.48
Unclassified cattle.....	90	( <sup>1</sup> )	35,392	1,047,758	29.60	<b>Sheep</b> .....	880	0.5	62,472	253,864	4.06
<b>Horses</b> .....	163,204	85.8	742,959	63,651,661	85.67	Ewes born before Jan. 1, 1910.....	809	0.4	41,609	192,834	4.63
Mares, stallions, and geldings born before Jan. 1, 1909.....	162,487	85.4	643,418	59,223,145	92.04	Rams and wethers born before Jan. 1, 1910.....	486	0.3	7,287	31,682	4.35
Colts born in 1909.....	39,995	21.0	64,996	3,295,586	50.70	Lambs born after Jan. 1, 1910.....	594	0.3	13,576	29,343	2.16
Colts born after Jan. 1, 1910.....	24,905	13.1	34,111	1,110,190	32.55	<b>Goats</b> .....	1,436	0.8	25,591	62,687	2.45
Unclassified horses.....	6	( <sup>1</sup> )	434	22,740	52.40						

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

Sheep and lambs are reported from only 880 farms, or 0.5 per cent of all farms in the state. Of these farms, 67.5 per cent report spring lambs, the number of the latter being equal to 32.6 per cent of the number of ewes. The average flock in the state, including all classes, numbers 71, and the average number of ewes per farm reporting that class is about 51.

Of all farms, 71.4 per cent report swine, the average number being about 14 per farm reporting. The average value of the swine reported under the head of "hogs and pigs born before January 1, 1910," is \$8.61, and that of spring pigs is \$2.48.

**Poultry on farms: 1910 and 1900.**—The increase in the number of fowls on Oklahoma farms during the last decade amounts to 3,584,639, or 72.9 per cent, while the relative increase in value (162.3 per cent) is over twice as great. The number of farms reporting poultry increased from 91,587 to 168,649, or 84.1 per cent. All but 187 of the farms reporting poultry report chickens, which class includes 94.3 per cent of the total number of poultry and represents 91.9 per cent of the total value. 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.

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.	Per cent of all farms.			
Total.....	168,649	88.7	8,501,237	\$3,713,943	4,916,598
Chickens.....	168,462	88.6	8,014,938	3,414,215	4,487,888
Turkeys.....	27,929	14.7	120,324	154,084	178,959
Ducks.....	10,462	8.7	112,986	41,545	169,681
Geese.....	13,824	7.3	113,594	73,190	90,150
Guinea fowls.....	13,643	7.2	78,973	21,949	(3)
Pigeons.....	3,252	1.7	60,159	8,137	(3)
Peafowls.....	57	(4)	256	811	(3)
Pheasants.....	2	(4)	7	6	(3)

<sup>1</sup> Includes Indian Territory.      <sup>2</sup> Included with chickens.  
<sup>3</sup> Not reported.                      <sup>4</sup> Less than one-tenth of 1 per cent.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees has increased from 3,438 in 1900 to 4,816 in 1910, or 40.1 per cent. The number of colonies of bees decreased from 20,137 to 19,413, or 3.6 per cent, and their value increased from \$45,423 to \$64,261, or

41.5 per cent. The average value of bees per farm reporting was \$13.21 in 1900 and \$13.34 in 1910. Less than three farms in every hundred report bees.

**Domestic animals not on farms: 1910.**—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity, 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.....	48,741		\$11,685,338	
All cattle.....	27,123	72,980	1,971,439	\$27.01
Dairy cows.....	26,387	36,511	1,336,307	36.60
Horses.....	34,610	77,852	7,691,073	98.79
Mules.....	3,930	11,696	1,511,663	129.24
Asses and burros.....	447	671	172,400	257.02
Swine.....	9,968	48,404	332,713	6.87
Sheep.....	36	261	799	3.05
Goats.....	248	1,485	5,254	3.54

As would be expected, horses are the most important class of domestic animals not on farms, both in number and in value; cattle, about one-half 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.....		\$160,338,321		\$148,652,983		\$11,685,338
All cattle.....	2,026,540	45,159,040	1,953,560	43,187,601	72,980	1,971,439
Dairy cows.....	567,307	17,409,215	630,796	16,072,908	36,511	1,336,307
Horses.....	820,811	71,342,734	742,959	63,651,661	77,852	7,691,073
Mules.....	268,762	30,129,827	257,066	28,618,224	11,696	1,511,663
Asses and burros.....	6,394	1,053,765	5,723	881,305	671	172,400
Swine.....	1,887,434	12,330,354	1,839,030	11,997,641	48,404	332,713
Sheep.....	62,733	254,660	62,472	253,864	261	799
Goats.....	27,076	67,941	25,591	62,687	1,485	5,254

The total value of all domestic animals in the state in 1910 was \$160,338,000, of which the value of animals not on farms constituted 7.3 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 next 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.....	153,693	80.8	530,796	Head.		
On farms reporting dairy products in 1909.....	118,116	62.1	442,013	Head.		
On farms reporting milk produced in 1909.....	111,535	58.6	409,007	Head.		
Specified dairy products, 1909:						
Milk reported.....			103,577,644	Gals.		
Butter made.....	116,792	61.4	27,056,242	Lbs.	\$5,613,254	\$0.21
Cheese made.....	83	(1)	18,968	Lbs.	3,154	0.17
Milk sold.....	2,919	1.5	3,926,217	Gals.	715,455	0.20
Cream sold.....	2,634	1.4	526,193	Gals.	332,632	0.60
Butter fat sold.....	5,721	3.0	3,137,112	Lbs.	670,821	0.21
Butter sold.....	45,659	24.6	7,465,824	Lbs.	1,615,894	0.22
Cheese sold.....	37	(1)	11,765	Lbs.	1,933	0.16
Total receipts from sales, 1909.....					3,366,515	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					7,265,295	
Specified dairy products, 1899 <sup>2</sup> :						
Butter made.....	62,988	58.3	13,887,074	Lbs.		
Cheese made.....	127	0.1	46,491	Lbs.		
Butter sold.....			3,454,881	Lbs.	461,424	0.13
Cheese sold.....			30,659	Lbs.	3,289	0.11

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

<sup>2</sup> Includes Indian Territory.

The number of farms reporting dairy cows on April 15, 1910, was 153,693, but only 118,116 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 111,535 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 409,000. The amount of milk reported was 103,578,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 253 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 \$7,365,000, which may

be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

A small proportion of the milk reported as produced by Oklahoma farmers in 1909 was sold as such. The butter made on farms in 1909 was valued at \$5,613,000.

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 that the amount of butter made in 1909 was nearly twice as great as that made in 1899, while the production of cheese shows a decrease.

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

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	814	48,896			
Wool produced, as reported, 1909.....	371		33,219	201,978	\$39,709
On farms reporting sheep April 15, 1910.....	319	29,129	27,697	167,848	32,877
On other farms.....	52		5,522	34,130	6,832
Total production of wool (partly estimated):					
1909.....			46,492	281,750	55,187
1899 <sup>1</sup> .....			64,187	329,136	45,249
Increase, 1899 to 1909 <sup>2</sup> .....			-17,695	-47,386	9,938
Per cent of increase <sup>2</sup> .....			-27.6	-14.4	22.0

<sup>1</sup> Includes Indian Territory.

<sup>2</sup> A minus sign (-) denotes decrease.

The total number of sheep of shearing age in Oklahoma on April 15, 1910, was 48,896, representing a decrease of 20.1 per cent as compared with the number on June 1, 1900 (61,183). The approximate production of wool during 1909 was 46,492 fleeces, weighing 281,750 pounds and valued at \$55,187. Of these totals about one-fourth represents estimates. The number of fleeces produced in 1909 was 27.6 per cent less than in 1899. The average weight per fleece in 1909 was 6.1 pounds, as compared with 5.1 pounds in 1899, and the average value per pound was 20 cents, as compared with 14 cents in 1899.

<sup>1</sup> Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 495 farmers who reported the possession of 19,767 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.

Goat hair and mohair: 1909 and 1899.—Although 1,436 farmers reported 25,591 goats and kids on their farms April 15, 1910, only 129 reported the production of goat hair or mohair during 1909. These farmers reported 3,774 fleeces, weighing 10,503 pounds and valued at \$2,354.

Although the production is still unimportant, some increase is shown over that in 1899. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

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

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	168,649	8,501,237		
On farms reporting eggs produced in 1909.....	126,112	7,198,161		
On other farms.....	42,537	1,303,076		
Eggs produced, as reported, 1909.....	127,120		Dozens. 38,521,787	\$6,317,863
Total production of eggs (partly estimated):				
1909.....			46,000,600	7,544,445
1899 <sup>1</sup> .....			20,674,540	1,909,832
Increase, 1899 to 1909.....			25,326,060	5,634,613
Per cent of increase.....			122.5	295.0
Eggs sold, as reported, 1909.....	90,455		18,860,825	3,131,023
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	126,911	7,150,825		
On other farms.....	42,738	1,350,412		
Poultry raised, as reported, 1909.....	127,420		No. of fowls. 13,680,484	4,532,234
Total poultry raised (partly estimated):				
1909.....			16,264,003	5,388,133
1899 <sup>1</sup> .....			1,960,304	1,960,304
Increase, 1899 to 1909.....			3,437,829	3,437,829
Per cent of increase.....			176.3	176.3
Fowls sold, as reported, 1909.....	68,881		3,562,200	1,324,940

<sup>1</sup> Includes Indian Territory.

The total number of fowls on Oklahoma farms on April 15, 1910, was 8,501,000. Of the 168,649 farms reporting fowls, 42,537 did not report any eggs produced in 1909 and 42,738 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 38,522,000 dozens, valued at \$6,318,000. According to the Twelfth Census reports, the production of eggs in 1899 was 20,675,000 dozens, the value being \$1,910,000. 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 46,001,000 dozens, valued at \$7,544,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 16,264,000 fowls, valued at \$5,388,000.

Honey and wax: 1909.—Although, as noted elsewhere, 4,816 farms reported 19,413 colonies of bees on hand April 15, 1910, 2,819 of these farms, with 8,682 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 140,234 pounds of honey, valued at \$23,783, and 1,088 pounds of wax, valued at \$313; 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 Oklahoma farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$54,524,144	
Slaughtered.....				6,576,550	
Calves:					
Sold.....	32,735	17.2	132,870	1,172,232	\$8.82
Slaughtered.....	3,128	1.6	5,745	50,890	8.86
Other cattle:					
Sold.....	64,937	34.1	939,546	23,571,797	25.09
Slaughtered.....	8,808	4.6	23,043	463,655	20.12
Horses:					
Sold.....	23,373	12.3	59,751	5,446,015	91.15
Mules:					
Sold.....	17,061	9.3	47,193	6,442,816	136.52
Asses and burros:					
Sold.....	365	0.2	1,062	99,205	93.41
Swine:					
Sold.....	71,176	37.4	1,591,469	17,600,558	11.06
Slaughtered.....	104,564	55.0	424,436	6,053,151	14.26
Sheep:					
Sold.....	307	0.2	41,768	176,533	4.23
Slaughtered.....	185	0.1	1,129	4,872	4.32
Goats:					
Sold.....	250	0.1	5,049	15,078	2.99
Slaughtered.....	217	0.1	1,185	2,982	2.52
1899 <sup>1</sup> —All domestic animals:					
Sold <sup>2</sup> .....				16,963,471	
Slaughtered.....				4,482,985	

<sup>1</sup> Includes Indian Territory.

<sup>2</sup> Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$54,524,000, and that of animals slaughtered on farms \$6,576,000, making an aggregate of \$61,100,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented somewhat less than one-half of the total value of animals sold, and the value of swine 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 total value of those slaughtered during the year 1899, which amounted, respectively, to \$16,963,000 and \$4,483,000. 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 <sup>1</sup>	Increase. <sup>2</sup>		1909	1899	1909	1899 <sup>1</sup>	Increase. <sup>2</sup>		Per cent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops.....							\$133,454,405	\$43,789,824	\$89,664,581	205.0	100.0	100.0
<b>Crops with acreage reports.....</b>	<b>11,921,670</b>	<b>6,317,711</b>	<b>5,603,959</b>	<b>88.7</b>	<b>67.9</b>	<b>73.7</b>	<b>130,502,155</b>	<b>42,773,258</b>	<b>87,728,897</b>	<b>205.1</b>	<b>97.8</b>	<b>97.7</b>
Cereals.....	8,248,653	4,431,819	3,816,834	86.1	47.0	51.7	71,798,662	28,111,290	43,687,372	155.4	53.8	64.3
Other grains and seeds.....	14,255	21,029	-6,774	-32.2	0.1	0.2	143,703	127,477	16,226	12.7	0.1	0.3
Hay and forage.....	1,347,598	1,095,706	251,892	23.0	7.7	12.8	9,638,648	4,022,761	5,615,887	139.6	7.2	9.2
Tobacco.....	82	252	-170	-67.5	(*)	(*)	5,312	11,815	-6,503	-55.0	(*)	(*)
Cotton (including cotton seed).....	1,976,935	682,743	1,294,192	189.5	11.3	8.0	41,187,408	7,874,986	33,312,422	423.0	30.9	18.0
Sugar crops.....	25,753	16,512	9,241	56.0	0.1	0.2	491,883	155,487	336,396	216.4	0.4	0.4
Broom corn.....	216,350	12,763	203,587	1,595.1	1.2	0.1	2,559,235	136,831	2,422,404	1,770.4	1.9	0.3
Sundry minor crops.....	40	2,287	-2,247	-98.3	(*)	(*)	201	14,281	-14,080	-98.6	(*)	(*)
Potatoes and sweet potatoes and yams.....	37,351	18,936	18,415	97.2	0.2	0.2	1,600,605	676,585	924,020	136.6	1.2	1.5
Other vegetables.....	51,011	33,463	17,548	52.4	0.3	0.4	2,610,239	1,439,614	1,170,625	81.3	2.0	3.3
Flowers and plants and nursery products.....	897	813	84	16.3	(*)	(*)	263,968	109,908	154,060	140.2	0.2	0.3
Small fruits.....	2,745	1,388	1,357	97.8	(*)	(*)	202,291	92,223	110,068	119.3	0.2	0.2
<b>Crops with no acreage reports.....</b>							<b>2,952,250</b>	<b>986,566</b>	<b>1,965,684</b>	<b>199.2</b>	<b>2.2</b>	<b>2.3</b>
Seeds.....							156,323	8,167	148,156	1,814.0	0.1	(*)
Fruits and nuts.....							1,127,710	451,502	676,208	117.5	0.8	1.2
Forest products of farms.....							1,602,720	456,240	1,146,480	251.3	1.2	1.0
Miscellaneous.....							65,497	3,657	61,840	1,091.0	(*)	(*)

<sup>1</sup> Includes Indian Territory.

<sup>2</sup> A minus sign (-) denotes decrease.

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

<sup>4</sup> Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$133,454,000. Of this amount 97.8 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 11,921,670, representing 67.9 per cent of the total improved land in farms (17,551,337 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 Oklahoma agriculture is indicated by the fact that somewhat more than one-half (53.8 per cent) of the total value of crops in 1909 was contributed by the cereals, and somewhat less than one-third (30.9 per cent) by cotton. The remainder, representing 15.3 per cent of the total, consisted mostly of hay and forage and potatoes and other vegetables.

The value of crops in 1909 was 205 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was an increase of 88.7 per cent in the total acreage of crops for which acreage was reported, most of the important crops reporting increases, and the greatest absolute increase being that in the acreage of cereals.

**General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.**—The leading crops covered by the table, in the order of their importance as judged by value, are corn, \$48,081,000; cotton, \$35,399,000; wheat, \$13,854,000; hay and forage, \$9,639,000; oats, \$7,172,000; cotton seed (estimated), \$5,788,000; broom corn, \$2,559,000; and kafir corn and milo maize, \$2,531,000. It should be noted, however, that vegetables, other than potatoes and sweet potatoes and yams, are more important than broom corn or kafir corn and milo maize; the statistics for such vegetables are given in a later table.

Among the cereals, corn exceeds all others in importance, representing more than two-thirds of the total acreage and total value. Wheat ranks second among the cereals, having an acreage about two-tenths as great as corn, and a value about three-tenths as great. Oats, with a much smaller acreage, stands third among the cereals, and kafir corn and milo maize fourth.

Cotton ranks next to corn in both acreage and value, its acreage being about one-third as great as that of corn, and the value of the crop nearly three-fourths as great.

The acreage of hay and forage is less than one-sixth as great as that of the combined cereals, while the value of the crop represents an even smaller proportion. Of the total hay and forage crop, "wild, salt, or prairie grasses" represents more than one-half of the acreage and one-third of the value. Coarse

forage ranks second in acreage and third in value, having an acreage nearly one-half as great as "wild, salt, or prairie grasses," and a value nearly three-fifths as great. Alfalfa ranks third in acreage and second in value. These three crops represent over 90 per cent of the acreage of the entire hay and forage crop and nearly 90 per cent of its value. Potatoes show a value about one-eighth as great as that of hay and forage.

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total.....</b>		<b>8,248,653</b>	<b>129,816,483</b>	Bu....	<b>\$71,798,662</b>
Corn.....	148,590	5,914,069	94,283,407	Bu....	48,080,554
Oats.....	33,002	609,373	16,006,154	Bu....	7,172,267
Wheat, total.....	23,003	1,169,420	14,008,334	Bu....	13,854,322
Common winter and spring.....	22,987	1,169,107	14,006,846	Bu....	13,853,099
Durum or macaroni.....	16	313	1,488	Bu....	1,223
Emmer and spelt.....	509	8,659	94,580	Bu....	54,690
Barley.....	834	10,283	127,641	Bu....	75,059
Buckwheat.....	12	43	375	Bu....	370
Rye.....	395	4,291	37,240	Bu....	30,364
Kafir corn and milo maize.....	29,660	532,515	4,658,752	Bu....	2,531,036
<b>Other grains and seeds with acreage report, total<sup>1</sup>.....</b>		<b>14,255</b>	<b>109,931</b>	Bu....	<b>143,703</b>
Dry edible beans.....	224	2,575	2,520	Bu....	5,912
Castor beans.....	40	560	2,062	Bu....	3,402
Peanuts.....	1,299	1,504	31,880	Bu....	34,984
Dry peas.....	1,012	2,245	33,282	Bu....	63,857
Broom corn seed.....	7	19	484	Bu....	744
Flaxseed.....	42	1,036	9,063	Bu....	11,345
Sorghum cane seed.....	284	4,250	30,435	Bu....	23,079
<b>Seeds with no acreage report, total.....</b>					<b>156,323</b>
Timothy seed.....	11	( <sup>2</sup> )	1,253	Bu....	1,925
Clover seed.....	22	( <sup>2</sup> )	407	Bu....	3,729
Alfalfa seed.....	818	( <sup>2</sup> )	13,494	Bu....	131,969
Millet seed.....	140	( <sup>2</sup> )	9,611	Bu....	9,638
Other tame grass seed.....	19	( <sup>2</sup> )	1,060	Bu....	1,779
Flower and garden seed.....	42	( <sup>2</sup> )			7,253
<b>Hay and forage, total.....</b>	<b>64,487</b>	<b>1,347,598</b>	<b>1,417,533</b>	Tons.	<b>9,636,648</b>
Timothy alone.....	678	9,690	9,817	Tons.	83,741
Timothy and clover mixed.....	471	6,935	6,355	Tons.	53,264
Clover alone.....	212	1,719	2,214	Tons.	20,675
Alfalfa.....	17,467	206,823	321,675	Tons.	3,230,384
Millet or Hungarian grass.....	10,946	65,810	75,591	Tons.	593,965
Other tame or cultivated grasses.....	939	19,124	18,215	Tons.	116,896
Wild, salt, or prairie grasses.....	23,263	695,176	607,120	Tons.	3,388,598
Grains cut green.....	2,690	24,986	23,721	Tons.	186,402
Coarse forage.....	28,153	317,317	352,814	Tons.	1,964,638
Root forage.....	3	9	11	Tons.	65
Potatoes.....	45,369	32,295	1,897,486	Bu....	1,250,052
Sweet potatoes and yams.....	9,480	5,056	359,451	Bu....	350,553
Tobacco.....	207	82	50,546	Lbs..	5,312
Cotton.....	88,140	1,976,935	555,742	Bales.	35,899,356
Cotton seed (estimated).....			277,871	Tons.	5,788,052
Broom corn.....	10,151	216,350	42,741,725	Lbs..	2,559,235
Sundry minor crops, total <sup>4</sup> .....		40			201

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

<sup>2</sup> A considerable part of this acreage is probably a duplication of other crop acreage.

<sup>3</sup> The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.

<sup>4</sup> Consists entirely of hemp.

The changes in the acreages of some of the principal crops during the last decade are shown in the next table.

Between 1899 and 1909 the acreage of corn increased from 2,501,945 to 5,914,069, or 136.4 per cent, and the acreage of oats from 317,076 to 609,373, or 92.2 per cent. The acreage of wheat, however, shows a decrease from 1,527,073 to 1,169,420, or 23.4 per cent. The acreage of hay and forage increased from 1,095,706

to 1,347,598, or 23 per cent, and the acreage of potatoes from 15,360 to 32,295, or 110.3 per cent. The acreage of cotton increased at a higher rate than any other crop shown in the table, namely, 189.5 per cent.

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Hay and forage.	Potatoes.	Cotton.
1909.....	5,914,069	609,373	1,169,420	1,347,598	32,295	1,976,935
1899 <sup>1</sup> .....	2,501,945	317,076	1,527,073	1,095,706	15,360	682,748

<sup>1</sup> Includes Indian Territory. No comparable data for earlier censuses.

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. <sup>2</sup>	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899 <sup>1</sup>	1909	1899 <sup>1</sup>			
	Corn.....	78.1	79.6	33.7	29.2	136.4	15.9 Bu.
Oats.....	17.4	18.2	3.5	3.7	92.2	27.3 Bu.	11.77
Wheat.....	12.1	24.2	6.7	17.8	-23.4	12.0 Bu.	11.85
Kafir corn and milo maize.....	15.6	4.5	3.0	0.8	714.0	8.7 Bu.	4.75
Hay and forage.....	33.9	42.1	7.7	12.8	23.0	1.05 Tons.	7.15
Potatoes.....	23.9	23.7	0.2	0.2	110.3	58.8 Bu.	38.71
Cotton.....	48.3	38.6	11.3	8.0	189.5	0.28 Bale.	17.91
Broom corn.....	5.3	0.8	1.2	0.1	1,595.1	197.6 Lbs.	11.83

<sup>1</sup> Includes Indian Territory.

<sup>2</sup> A minus sign (-) denotes decrease.

Corn is reported by 78 out of every 100 farms, cotton by 46, hay and forage by 34, potatoes by 24, oats by 17, kafir corn and milo maize by 16, wheat by 12, and broom corn by 5. With the exception of those for kafir corn and milo maize, cotton, and broom corn the percentages of farms reporting are smaller than in 1899.

The eight crops included in the preceding table cover about 67.3 per cent of the improved land of the state, corn alone occupying 33.7 per cent, or more than all the rest together. Oats, wheat, and hay and forage show decreases in the proportions of improved land occupied, while corn, kafir corn and milo maize, cotton, and broom corn show increases. Potatoes occupied the same proportion of improved land in 1909 as in 1899.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The table following 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 88,362 and their value \$4,210,844. Excluding (so far as separately reported<sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 51,011 and their value \$2,610,000, both acreage and value being decidedly greater than in 1899.

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

CROP.	FARMS REPORTING, 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899 <sup>1</sup>	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	51,256	44.3	51,011	33,493	\$2,610,239	\$1,439,614
Farms reporting a product of \$500 or over.....	153	0.1	1,819	.....	131,364	.....
All other farms.....	51,142	44.2	49,192	.....	2,478,875	.....
Flowers and plants, total.....	47	( <sup>2</sup> )	40	9	92,016	6,644
Farms reporting a product of \$250 or over.....	31	( <sup>2</sup> )	.....	.....	91,077	.....
All other farms.....	16	( <sup>2</sup> )	.....	.....	939	.....
Nursery products, total.....	90	( <sup>2</sup> )	857	804	171,952	103,264
Farms reporting a product of \$250 or over.....	49	( <sup>2</sup> )	.....	.....	168,612	.....
All other farms.....	41	( <sup>2</sup> )	.....	.....	3,340	.....

<sup>1</sup> Includes Indian Territory.  
<sup>2</sup> Does not include 46,311 farms which reported that they had vegetable gardens, but gave no information as to their products.  
<sup>3</sup> Less than one-tenth of 1 per cent.

The raising of flowers and plants and of nursery products was also of some importance in Oklahoma, 897 acres being devoted to them in 1909 and the output being valued at \$263,968. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

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

CROP.	Number of farms reporting, 1909	ACRES.		Quantity (quarts), 1909	Value, 1909
		1909	1899 <sup>1</sup>		
<b>Small fruits, total.....</b>		<b>2,745</b>	<b>1,388</b>	<b>2,310,367</b>	<b>\$202,291</b>
Strawberries.....	1,182	825	626	830,404	71,206
Blackberries and dewberries.....	6,220	1,792	683	1,366,497	119,654
Raspberries and loganberries.....	387	85	43	74,104	6,851
Currants.....	212	36	11	31,024	3,559
Gooseberries.....	151	7	10	8,276	923
Other berries.....	2	( <sup>2</sup> )	15	62	8

<sup>1</sup> Includes Indian Territory.      <sup>2</sup> Reported in small fractions.

Blackberries and dewberries are the most important of the small fruits raised in Oklahoma, with strawberries ranking next. The total acreage of small fruits in 1909 was 2,745 and in 1899, 1,388, an increase of 97.8 per cent. The production in 1909 was 2,310,000 quarts, as compared with 1,476,000 quarts in 1899, and the value was \$202,291 in 1909, as compared with \$92,223 in 1899.

**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 <sup>1</sup>
					Quantity. <sup>2</sup>	Value.	Quantity. <sup>2</sup>
<b>Orchard fruits, total.....</b>		<b>8,880,445</b>		<b>5,307,392</b>	<b>1,137,288</b>	<b>\$943,464</b>	<b>661,334</b>
Apples.....	47,578	2,955,810	39,172	2,060,384	742,182	573,076	333,800
Peaches and nectarines.....	66,111	4,783,825	33,046	2,574,680	357,644	326,315	304,663
Pears.....	24,910	207,271	19,899	252,336	7,450	9,248	4,939
Plums and prunes.....	32,991	436,421	18,126	195,836	25,916	28,134	12,037
Cherries.....	29,530	295,042	16,643	150,541	2,372	4,393	3,221
Apricots.....	20,845	173,515	8,023	62,930	1,123	1,270	669
Quinces.....	1,842	28,561	1,130	10,685	601	1,028	( <sup>3</sup> )
Unclassified.....	.....	.....	.....	.....	.....	.....	<sup>4</sup> 2,105
<b>Grapes.....</b>	<b>28,039</b>	<b>2,388,213</b>	<b>8,947</b>	<b>447,489</b>	<b>3,762,727</b>	<b>122,045</b>	<b>6,344,031</b>
<b>Nuts, total.....</b>		<b>5,128,431</b>		<b>5,67,372</b>	<b>1,019,238</b>	<b>\$62,188</b>	<b>45,330</b>
Persian or English walnuts.....	252	6,889	198	5,962	6,700	489	.....
Pecans.....	1,296	96,766	480	53,796	894,172	59,481	16,580
Black walnuts.....	470	21,412	208	7,204	94,659	1,591	( <sup>3</sup> )
Hickory nuts.....	12	631	3	21,201	21,250	485	( <sup>3</sup> )
Unclassified.....	.....	.....	.....	.....	.....	.....	<sup>4</sup> 28,750
<b>Tropical fruits (figs).....</b>	<b>63</b>	<b>668</b>	<b>84</b>	<b>520</b>	<b>323</b>	<b>33</b>	.....

<sup>1</sup> Includes Indian Territory.  
<sup>2</sup> Expressed in bushels for orchard fruits and pounds for grapes, nuts, and figs.  
<sup>3</sup> Included with "unclassified."  
<sup>4</sup> Consists of products not separately named by the enumerator, but grouped under the designation "all other."  
<sup>5</sup> Includes hazelnuts, butternuts, almonds, chestnuts, and other nuts.

The total quantity of orchard fruits produced in 1909 was 1,137,000 bushels, valued at \$943,000. Apples contributed nearly two-thirds of this quantity; peaches and nectarines most of the remainder. The production of grapes in 1909 amounted to 3,763,000 pounds, valued at \$122,000, and the production of nuts to 1,019,000 pounds, valued at \$62,000.

The production of all orchard fruits together in 1909 was 72 per cent more in quantity than that in 1899, while the production of grapes decreased decidedly. The value of orchard fruits increased from \$383,000 in 1899 to \$943,000 in 1909, while that of grapes decreased from \$135,000 in 1899 to \$122,000 in 1909. It should be noted that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

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

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Number.	Per cent of all farms.	Unit.	1909	1899 <sup>1</sup>
Cider.....	455	0.2	Gals...	30,081	36,823
Vinegar.....	713	0.4	Gals...	32,887	25,830
Wine and grape juice.....	418	0.2	Gals...	16,999	35,283
Dried fruits.....	703	0.4	Lbs....	45,684	30,000

<sup>1</sup> Includes Indian Territory.

**Sugar crops: 1909 and 1899.**—The table below shows data with regard to sugar beets, sorghum cane, and sugar cane. The total value of sorghum cane and sirup produced in 1909 was \$489,000, as compared with \$154,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
Sugar beets: 1909 <sup>1</sup> .....	101	0.1	207	359	Tons..	\$2,715
Sorghum cane: Total, 1909 <sup>2</sup> .....						489,112
Cane grown.....	10,758	5.7	25,540	64,599	Tons.	232,771
Sirup made.....	7,313	3.8		514,807	Gals.	154,111
Total, 1899 <sup>3</sup> .....						
Cane grown.....	4,696	4.3	16,477	49,237	Tons.	100,075
Cane sold as such.....				40,259	Tons.	51,036
Sirup made.....				179,272	Gals.	
Sugar cane: Total, 1909.....						56
Cane grown.....	1	(4)	(9)	2	Tons.	56
Sirup made.....	1	(4)		56	Gals.	1,370
Total, 1899 <sup>3</sup> .....						
Cane grown.....	25	(4)	35	550	Tons.	886
Cane sold as such.....	25	(4)		229	Tons.	

<sup>1</sup> Used as root forage. <sup>4</sup> Less than one-tenth of 1 per cent.  
<sup>2</sup> Includes cane used as coarse forage. <sup>5</sup> Less than 1 acre.  
<sup>3</sup> Includes Indian Territory. <sup>6</sup> Includes cane reserved for seed.

**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 32,297 farms in Oklahoma (17 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$1,602,720, as compared with \$456,240 in 1899, an increase of 251.3 per cent. Of the value in 1909, \$1,227,906 was reported as that of products used or to be used on the farms themselves, \$309,710 as that of products sold or for sale, and \$65,104 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 349 farmers in Oklahoma sold, during 1909, 2,759 tons of straw, for which they received \$11,056 and that 1,050 farmers sold 47,212 tons of cornstalks and leaves, for which they received \$54,398.

**SELECTED FARM EXPENSES AND RECEIPTS.**

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

EXPENSE.	1909			1899 <sup>1</sup>	INCREASE.	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	73,126	38.4	\$9,837,541	\$3,675,520	\$6,162,021	167.7
Feed.....	62,546	32.9	5,863,373	(2)		
Fertilizer.....	622	0.3	29,092			

<sup>1</sup> Includes Indian Territory. <sup>2</sup> Not reported at the census of 1900.

Nearly two-fifths of the farmers hire labor, the average amount expended by the farmers hiring being \$135. During the decade the expenditure for labor increased \$6,162,000, or 167.7 per cent. About one-fifth of the amount reported as expended for labor is in rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

The expenditure for feed amounted to \$5,863,000, or \$94 per farm.

One farmer out of every three reports some expenditure for feed, but only three out of every thousand purchase fertilizer. The amount paid for fertilizer is \$29,100, the average per farm reporting being \$46.77.

**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 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.....					\$16,430,110
Corn.....	52,051	27.4	24,497,297	Bu.....	12,761,019
Oats.....	11,107	5.8	4,674,729	Bu.....	2,006,477
Barley.....	301	0.2	60,086	Bu.....	38,030
Hay and coarse forage.....	11,409	6.0	236,828	Tons...	1,626,584

While the total amount expended by Oklahoma farmers for the purchase of feed in 1909 was \$5,863,000, the total receipts from the sale of feed by those reporting sales amounted to \$16,430,000.

**COUNTY TABLES.**

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

*Land in farms in Kay County.*—Following the instructions to enumerators to assign all of the acreage

of a farm to the county in which the residence of the operator was located, a large acreage situated in adjoining counties has been tabulated as belonging to Kay County, which accounts for the large acreage of farm land as compared with total acreage.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

	THE STATE.			Adair.	Alfalfa.	Atoka.	Beaver.
	Total.	White.	Colored.				
1 Population.....	1,657,155	1,444,535	212,620	10,535	18,138	13,808	13,631
2 <i>Population in 1900.</i> .....	<i>790,391</i>	<i>670,204</i>	<i>120,187</i>				
3 Number of all farms.....	190,192	169,521	20,671	1,235	2,533	1,695	3,568
4 <i>Number of all farms in 1900.</i> .....	<i>108,000</i>	<i>94,776</i>	<i>13,224</i>				
5 Color and nativity of farmers:							
6 Native white.....	161,773	161,773		767	2,348	1,360	3,418
7 Foreign-born white.....	7,748	7,748		2	184	8	147
8 Negro and other nonwhite.....	20,671		20,671	476	1	327	3
9 Number of farms, classified by size:							
10 Under 3 acres.....	104	89	15	1		2	1
11 3 to 9 acres.....	1,975	1,545	430	30	10	35	6
12 10 to 19 acres.....	5,079	3,908	1,171	96	15	102	6
13 20 to 49 acres.....	31,489	25,161	6,328	351	58	643	36
14 50 to 99 acres.....	39,092	33,566	5,526	355	162	439	145
15 100 to 174 acres.....	75,186	70,282	4,904	254	1,441	312	2,016
16 175 to 259 acres.....	16,078	14,982	1,096	57	333	87	478
17 260 to 499 acres.....	17,734	16,864	870	72	488	57	724
18 500 to 999 acres.....	2,688	2,370	318	14	25	31	128
19 1,000 acres and over.....	857	754	103	5	1	17	34
LAND AND FARM AREA							
20 Approximate land area..... acres	44,424,960			373,760	554,880	638,080	1,160,320
21 Land in farms..... acres	28,859,353	26,582,642	2,276,711	124,176	492,640	193,169	845,527
22 <i>Land in farms in 1900.</i> ..... acres	<i>22,988,339</i>	<i>21,128,187</i>	<i>1,860,152</i>				
23 Improved land in farms..... acres	17,551,337	16,378,618	1,172,719	40,840	407,639	73,871	487,283
24 <i>Improved land in farms in 1900.</i> ..... acres	<i>8,574,187</i>	<i>7,827,271</i>	<i>746,910</i>				
25 Woodland in farms..... acres	3,568,910	2,838,559	730,351	74,712	3,502	68,847	2,398
26 Other unimproved land in farms..... acres	7,739,106	7,365,565	373,541	2,624	81,490	50,451	355,846
27 Per cent of land area in farms.....	65.0	59.8	5.1	33.2	88.8	30.3	72.9
28 Per cent of farm land improved.....	60.8	61.6	51.5	37.7	82.7	38.2	57.6
29 Average acres per farm.....	151.7	156.8	110.1	100.5	194.5	114.0	237.0
30 Average improved acres per farm.....	92.3	96.6	56.7	37.9	160.9	43.6	136.6
VALUE OF FARM PROPERTY							
31 All farm property..... dollars	918,198,882	859,340,810	58,858,072	2,444,898	29,191,813	3,878,335	14,128,217
32 <i>All farm property in 1900.</i> ..... dollars	<i>277,525,433</i>	<i>252,459,783</i>	<i>25,065,650</i>				
33 Per cent increase, 1900-1910.....	230.9	240.4	134.8				
34 Land..... dollars	649,066,668	608,094,918	40,971,750	1,517,306	22,375,297	1,848,445	9,990,859
35 <i>Land in 1900.</i> ..... dollars	<i>149,397,900</i>	<i>137,958,970</i>	<i>11,438,930</i>				
36 Buildings..... dollars	89,610,556	83,300,313	6,310,243	344,134	2,600,006	350,982	1,107,952
37 <i>Buildings in 1900.</i> ..... dollars	<i>21,406,776</i>	<i>18,696,725</i>	<i>2,711,050</i>				
38 Implements and machinery..... dollars	27,088,866	25,451,067	1,637,799	82,186	795,405	117,449	533,683
39 <i>Implements, etc., in 1900.</i> ..... dollars	<i>10,512,495</i>	<i>9,650,915</i>	<i>981,680</i>				
40 Domestic animals, poultry, and bees..... dollars	152,432,792	114,234,282	9,998,510	501,182	3,421,105	1,555,450	2,495,723
41 <i>Domestic animals, etc., in 1900.</i> ..... dollars	<i>96,208,263</i>	<i>86,274,173</i>	<i>9,834,090</i>				
42 Per cent of value of all property in—							
43 Land.....	70.7	70.8	69.6	62.1	76.7	47.7	70.7
44 Buildings.....	9.8	9.7	10.6	14.1	8.9	9.2	7.8
45 Implements and machinery.....	3.0	3.0	2.8	3.4	2.7	3.0	3.8
46 Domestic animals, poultry, and bees.....	16.6	16.6	17.0	20.5	11.7	40.1	17.7
47 Average values:							
48 All property per farm..... dollars	4,828	5,069	2,847	1,980	11,525	2,288	3,960
49 Land and buildings per farm..... dollars	3,884	4,079	2,284	1,507	9,860	1,301	3,111
50 Land per acre..... dollars	22.49	22.88	18.00	12.22	45.42	9.57	11.82
51 <i>Land per acre in 1900.</i> ..... dollars	<i>6.50</i>	<i>6.53</i>	<i>6.16</i>				
DOMESTIC ANIMALS (farms and ranges)							
52 Farms reporting domestic animals.....	183,820	164,467	19,353	1,204	2,494	1,658	3,360
53 Value of domestic animals..... dollars	148,652,983	138,899,535	9,758,448	485,427	3,333,585	1,538,575	2,450,294
54 Cattle:							
55 Total number.....	* 1,953,590	* 1,802,435	* 151,125	7,600	23,744	44,331	* 26,287
56 Dairy cows.....	530,796	480,922	49,874	2,478	9,104	6,079	6,079
57 Other cows.....	304,165	277,302	26,863	1,422	3,551	4,237	7,251
58 Yearling heifers.....	292,337	186,375	15,962	1,004	3,149	1,800	2,902
59 Calves.....	261,194	240,371	20,823	1,141	4,256	2,804	3,607
60 Yearling steers and bulls.....	175,627	159,714	15,913	1,210	2,743	1,783	2,382
61 Other steers and bulls.....	444,049	417,071	26,978	405	941	28,308	2,776
62 Value..... dollars	* 43,187,661	* 40,390,436	* 2,878,165	118,922	545,473	1,081,885	* 594,865
63 Horses:							
64 Total number.....	* 742,959	* 684,224	* 58,735	2,633	18,030	4,706	15,335
65 Mature horses.....	643,418	591,455	51,963	2,295	15,760	4,164	13,413
66 Yearling colts.....	64,966	60,872	4,124	213	1,720	374	1,425
67 Spring colts.....	34,111	31,899	2,202	125	1,145	178	497
68 Value..... dollars	* 63,651,661	* 59,630,942	* 4,020,719	220,763	1,937,908	252,167	1,393,583
69 Mules:							
70 Total number.....	257,060	237,381	19,679	988	4,164	1,851	3,068
71 Mature mules.....	219,960	202,136	17,824	860	2,018	1,648	2,539
72 Yearling colts.....	25,795	24,506	1,289	85	759	133	339
73 Spring colts.....	11,281	10,739	542	43	487	70	140
74 Value..... dollars	28,618,224	26,587,930	2,030,294	103,446	495,040	172,851	369,053
75 Asses and burros:							
76 Number.....	5,723	5,360	363	13	71	46	108
77 Value..... dollars	881,305	845,324	35,981	1,865	16,370	4,105	20,298
78 Swine:							
79 Total number.....	1,839,030	1,688,430	150,600	11,721	43,966	18,680	11,791
80 Mature hogs.....	1,211,876	1,113,624	98,252	9,704	26,747	12,145	9,255
81 Spring pigs.....	627,154	574,806	52,348	2,017	17,219	6,535	2,536
82 Value..... dollars	11,997,641	11,223,289	774,353	38,606	332,539	72,820	75,045
83 Sheep:							
84 Total number.....	62,472	59,724	2,748	342	1,064	241	514
85 Rams, ewes, and wethers.....	48,896	46,875	2,021	253	760	170	495
86 Spring lambs.....	13,576	12,849	727	89	304	62	19
87 Value..... dollars	253,864	246,063	7,801	721	4,919	571	2,430
88 Goats:							
89 Number.....	25,591	23,459	2,132	501	270	2,017	14
90 Value..... dollars	62,687	56,554	6,133	1,104	1,246	4,096	120
POULTRY AND BEES							
91 Number of poultry of all kinds.....	8,501,237	7,922,578	578,659	45,720	180,797	50,038	102,411
92 Value..... dollars	3,713,943	3,474,016	239,927	16,056	86,760	16,324	39,394
93 Number of colonies of bees.....	19,413	17,367	2,046	323	105	234	4
94 Value..... dollars	64,261	59,126	5,135	699	760	560	35

\* Includes \$1,665 for "all other animals," as follows: Deer, \$360; buffaloes, \$1,225.

AGRICULTURE—OKLAHOMA.

BY COUNTIES: APRIL 15, 1910.

[between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparisons for the counties.]

	Beckham.	Blaine.	Bryan.	Caddo.	Canadian.	Carter.	Cherokee.	Choctaw.	Cimarron.	Cleveland.	Coal.	Comanche.	Craig.
1													
2	19,699	17,960	29,854	35,685	23,501	25,358	16,778	21,862	4,553	18,843	15,817	41,489	17,404
3	2,492	2,387	3,345	4,941	2,502	2,659	1,999	2,040	1,307	2,429	1,166	5,207	2,108
4													
5	2,430	1,786	2,863	4,358	2,150	2,142	1,464	1,396	1,271	2,159	1,024	4,786	1,700
6	53	331	16	295	368	11	9	6	35	120	26	285	25
7		270	466	288	44	506	526	638	1	150	110	156	383
8		1	2	2	1	1	2		2	3	1	1	1
9	8	25	47	19	37	46	40	21		31	29	25	9
10	17	29	87	31	28	69	201	121	3	35	58	36	39
11	64	70	949	228	81	828	664	1,000	0	214	411	231	207
12	257	240	1,132	622	245	1,033	579	471	4	694	338	655	580
13	1,462	1,158	715	3,122	1,315	312	312	271	960	1,169	205	3,346	629
14	350	313	239	370	313	93	102	61	134	148	52	417	308
15	295	454	118	502	461	56	73	63	159	127	37	435	261
16	34	78	42	36	70	21	23	24	19	8	18	45	58
17	5	19	14	9	11	11		8	20		17	26	16
18	586,880	595,840	593,920	881,280	570,240	531,840	506,240	505,600	1,183,360	354,560	336,000	1,104,640	484,480
19	451,826	511,794	336,729	820,978	529,751	244,495	164,231	164,170	293,296	316,293	132,182	923,059	358,395
20	241,155	337,498	236,311	508,155	384,861	147,855	75,084	87,673	117,828	172,846	67,921	546,130	251,965
21													
22	9,476	52,963	72,614	125,851	29,657	57,562	75,078	63,433	1,164	106,039	33,867	48,275	25,680
23	201,195	121,333	27,804	192,972	115,233	39,078	14,069	13,064	174,304	37,408	30,394	328,654	80,750
24													
25	77.0	85.9	56.7	93.8	92.9	46.0	32.4	32.5	24.8	89.2	39.3	83.6	74.0
26	53.4	65.9	70.2	61.4	72.6	60.5	45.7	53.4	40.2	54.6	51.4	69.2	70.3
27	181.3	214.4	100.7	167.4	206.8	91.9	82.2	80.5	224.4	130.2	113.4	177.3	170.0
28	96.8	141.4	70.6	102.8	150.2	55.6	37.6	43.0	90.2	71.2	58.3	104.9	119.5
29	11,608,071	15,317,489	9,444,829	29,153,589	26,348,433	5,908,188	3,367,981	3,642,970	4,013,436	12,273,040	2,656,538	32,142,578	9,960,241
30													
31	8,259,909	11,030,181	6,284,747	21,271,405	19,785,321	3,656,194	1,945,975	2,268,179	2,468,490	8,867,189	1,442,328	23,703,611	6,764,253
32													
33	1,261,806	1,504,161	1,078,426	2,623,112	2,446,041	594,721	450,220	405,217	327,780	1,390,542	282,105	2,874,005	805,080
34													
35	397,869	472,798	317,211	800,887	730,973	221,648	125,849	120,838	127,725	314,655	92,350	812,371	301,639
36													
37	1,688,397	2,310,349	1,764,445	4,458,185	3,386,098	1,435,625	845,937	848,736	1,099,441	1,700,654	839,755	4,752,591	2,089,369
38													
39													
40	71.2	72.0	66.5	73.0	75.1	61.9	57.8	62.3	61.3	72.2	54.3	73.7	67.9
41	10.9	9.8	11.4	9.0	9.3	10.1	13.4	11.1	8.2	11.3	10.6	8.9	8.1
42	3.4	3.1	3.4	2.7	2.8	3.8	3.7	3.3	3.2	2.6	3.5	2.5	3.0
43	14.5	15.1	18.7	15.3	12.9	24.3	25.1	23.3	27.4	13.9	31.6	14.8	21.0
44	4,658	6,417	2,824	5,900	10,284	2,222	1,685	1,786	3,071	5,053	2,278	6,173	4,725
45	3,821	5,251	2,201	4,836	8,677	1,599	1,199	1,310	2,132	4,223	1,479	5,104	3,591
46	18.28	21.55	18.66	25.72	37.35	14.95	11.85	13.82	8.38	28.03	10.91	25.68	18.87
47													
48	2,429	2,322	3,251	4,864	2,444	2,593	1,921	1,984	1,105	2,325	1,143	5,064	2,086
49	1,643,419	2,252,602	1,725,233	4,345,595	3,297,388	1,408,257	823,693	827,101	1,087,166	1,644,137	824,031	4,636,800	2,031,305
50	16,363	27,359	24,125	44,635	33,094	27,956	15,641	15,716	24,374	14,744	21,402	55,591	28,515
51	7,309	8,721	7,685	14,973	9,911	7,330	4,566	5,178	1,841	7,191	4,620	16,040	6,867
52	2,394	4,522	4,486	8,940	6,064	6,211	3,840	3,347	6,931	1,305	4,441	10,286	3,110
53	2,069	3,294	2,785	6,227	4,573	3,400	1,711	1,769	1,776	2,313	1,783	6,566	2,659
54	2,853	4,747	3,709	7,128	4,707	4,825	2,420	2,569	2,132	2,429	2,537	10,218	2,902
55	1,170	3,173	1,880	6,203	4,268	5,544	1,569	1,232	1,864	1,053	1,845	5,496	2,688
56	598	2,602	3,624	4,164	3,352	2,640	1,555	1,601	9,726	370	6,173	6,914	10,229
57	302,564	598,189	440,647	1,023,983	777,140	476,682	239,789	251,816	613,161	366,795	392,269	1,275,853	660,102
58	9,298	13,587	8,052	22,816	16,981	7,173	5,171	4,447	4,143	8,185	4,029	21,608	10,142
59	8,069	11,451	7,213	19,628	14,318	6,458	4,499	3,698	3,697	7,143	3,480	18,777	8,580
60	892	1,314	538	2,122	1,779	468	419	308	361	742	341	1,933	521
61	397	822	361	1,066	884	247	253	240	85	300	208	593	435
62	723,079	1,157,974	595,382	1,979,016	1,749,063	461,166	360,722	258,512	299,450	740,144	271,638	1,814,037	855,361
63	3,907	2,754	5,244	7,963	3,581	3,692	1,789	2,290	568	3,371	1,266	8,969	3,450
64	3,376	2,213	4,679	6,397	2,859	3,275	1,560	2,063	477	2,889	991	7,922	2,813
65	355	353	371	700	562	282	167	163	69	323	147	717	425
66	146	188	194	266	160	135	62	64	21	149	68	324	212
67	421,004	297,478	549,145	854,622	429,745	352,740	165,705	220,505	74,240	383,023	108,835	1,040,532	369,132
68	118	102	126	130	76	118	35	45	85	91	36	196	166
69	20,592	14,477	15,450	29,141	11,944	11,215	4,378	3,490	2,755	15,050	3,075	36,688	15,985
70	17,725	26,465	21,093	64,075	42,838	18,884	14,160	24,647	2,543	18,615	9,468	64,812	20,456
71	12,766	18,062	13,856	40,900	25,538	11,401	12,005	17,740	2,093	11,989	6,129	40,988	12,915
72	4,959	8,403	7,737	23,175	17,300	7,483	2,155	6,907	460	6,626	3,339	23,824	7,541
73	114,186	181,814	123,479	450,949	326,620	165,195	49,905	91,789	15,300	187,079	47,563	461,374	129,400
74	296	742	91	1,410	414	147	574	186	18,374	231	152	1,674	198
75	201	470	70	1,101	272	82	465	146	18,343	157	86	1,192	126
76	95	272	21	309	142	65	109	40	31	74	66	482	72
77	1,200	3,012	295	5,072	1,842	548	1,464	328	81,978	968	292	7,901	811
78	53	71	454	1,126	388	312	871	416	124	397	146	148	176
79	194	258	835	2,813	1,034	711	1,680	661	282	1,078	369	385	454
80	101,125	138,541	118,805	238,496	171,676	80,786	65,052	66,671	27,076	110,596	41,716	257,011	117,824
81	44,913	57,800	38,275	112,318	86,500	27,026	20,616	20,181	12,275	54,202	15,305	115,448	50,692
82	14	38	379	52	396	146	800	631		478	136	41	664
83	65	247	937	272	2,210	342	1,728	1,454		2,315	359	213	1,372

\* Includes deer, valued at \$130.

\* Includes animals, age or sex not specified.



TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

	Creek.	Custer.	Delaware.	Dewey.	Ellis.	Garfield.	Garvin.
1 Population.....	26,223	23,231	11,469	14,132	15,375	33,050	26,545
2 <i>Population in 1900.....</i>							
3 Number of all farms.....	1,914	2,881	1,723	2,597	2,791	3,291	3,289
4 <i>Number of all farms in 1900.....</i>							
5 Color and nativity of farmers:							
6 Native white.....	1,518	2,635	1,279	2,483	2,560	2,769	2,917
7 Foreign-born white.....	15	170	7	101	229	492	18
8 Negro and other nonwhite.....	381	76	437	13	2	30	354
9 Number of farms, classified by size:							
10 Under 3 acres.....	3			1		3	3
11 3 to 9 acres.....	15	29	23	12	4	24	27
12 10 to 19 acres.....	62	15	62	7	8	28	70
13 20 to 49 acres.....	488	77	395	73	56	72	750
14 50 to 99 acres.....	501	207	528	206	156	203	1,258
15 100 to 174 acres.....	673	1,543	412	1,431	1,463	1,802	837
16 175 to 259 acres.....	79	372	153	346	397	457	219
17 260 to 499 acres.....	59	508	130	461	610	666	88
18 500 to 999 acres.....	20	64	28	48	80	36	27
19 1,000 acres and over.....	14	6	2	12	17		10
<b>LAND AND FARM AREA</b>							
20 Approximate land area..... acres..	615,680	638,720	508,160	632,960	779,520	679,040	525,440
21 Land in farms..... acres..	301,053	582,704	195,340	524,025	612,851	649,350	342,171
22 <i>Land in farms in 1900.....</i>							
23 Improved land in farms..... acres..	115,388	378,523	105,218	296,179	342,794	502,427	243,198
24 <i>Improved land in farms in 1900.....</i>							
25 Woodland in farms..... acres..	82,433	10,521	78,590	49,693	4,157	8,437	59,565
26 Other unimproved land in farms..... acres..	103,232	193,600	11,532	178,183	205,900	138,486	39,408
27 Per cent of land area in farms.....	48.9	91.2	38.4	82.8	78.6	95.6	65.1
28 Per cent of farm land improved.....	38.3	65.0	53.9	56.5	65.9	77.4	71.1
29 Average acres per farm.....	157.3	202.3	113.4	201.8	219.6	197.3	104.0
30 Average improved acres per farm.....	60.3	131.4	61.1	114.0	122.8	152.7	73.9
<b>VALUE OF FARM PROPERTY</b>							
31 All farm property..... dollars..	5,732,341	19,949,945	5,365,350	12,037,127	13,043,525	36,043,578	10,867,673
32 <i>All farm property in 1900.....</i>							
33 Per cent increase, 1900-1910.....							
34 Land..... dollars..	3,469,100	14,361,456	3,551,085	8,931,733	9,335,377	27,233,789	7,457,953
35 <i>Land in 1900.....</i>							
36 Buildings..... dollars..	391,327	1,938,519	625,223	1,153,979	1,176,255	3,639,113	983,949
37 <i>Buildings in 1900.....</i>							
38 Implements and machinery..... dollars..	161,087	588,104	179,285	403,084	478,333	950,221	345,561
39 <i>Implements, etc., in 1900.....</i>							
40 Domestic animals, poultry, and bees..... dollars..	1,710,827	3,061,866	1,109,757	2,448,331	2,053,560	4,220,455	2,080,210
41 <i>Domestic animals, etc., in 1900.....</i>							
42 Per cent of value of all property in—							
43 Land.....	60.5	72.0	66.2	69.0	71.6	75.6	68.6
44 Buildings.....	6.8	9.7	9.8	8.9	9.0	10.1	9.1
45 Implements and machinery.....	2.8	2.9	3.3	3.1	3.7	2.6	3.2
46 Domestic animals, poultry, and bees.....	29.8	15.3	20.7	18.9	15.7	11.7	19.1
47 Average values:							
48 All property per farm..... dollars..	2,995	6,925	3,114	4,982	4,673	10,952	3,304
49 Land and buildings per farm.....	2,017	5,658	2,366	3,884	3,766	9,381	2,567
50 Land per acre..... dollars..	11.52	24.65	18.18	17.04	15.23	41.94	21.80
51 <i>Land per acre in 1900.....</i>							
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
52 Farms reporting domestic animals.....	1,853	2,835	1,701	2,516	2,681	3,207	3,182
53 Value of domestic animals..... dollars..	1,678,743	2,987,099	1,068,608	2,396,309	2,001,358	4,078,741	2,023,311
54 Cattle:							
55 Total number.....	*32,161	28,580	*13,709	26,730	18,532	*37,679	26,506
56 Dairy cows.....	4,266	10,278	4,199	9,549	7,243	14,289	7,177
57 Other cows.....	3,429	4,229	2,059	3,786	3,151	5,763	4,554
58 Yearling heifers.....	1,499	4,034	1,522	3,435	2,456	5,382	3,320
59 Calves.....	2,282	5,158	1,969	4,480	3,513	6,037	4,190
60 Yearling steers and bulls.....	1,113	3,526	1,491	2,989	1,835	3,996	2,677
61 Other steers and bulls.....	18,372	1,355	1,917	2,491	1,834	2,028	4,588
62 Value..... dollars..	*872,913	595,416	*258,329	551,124	403,689	*912,079	530,269
63 Horses:							
64 Total number.....	6,361	15,691	*5,762	12,657	12,408	21,133	8,947
65 Mature horses.....	5,683	13,210	4,917	10,946	10,862	17,716	7,736
66 Yearling colts.....	444	1,069	543	1,231	1,090	2,063	703
67 Spring colts.....	234	812	288	480	456	1,364	468
68 Value..... dollars..	490,232	1,476,631	*481,934	1,105,256	1,125,837	2,204,043	687,613
69 Mules:							
70 Total number.....	2,223	4,411	1,811	3,886	2,895	4,546	5,506
71 Mature mules.....	1,874	3,592	1,484	3,328	2,414	3,453	5,065
72 Yearling colts.....	270	559	215	426	355	748	307
73 Spring colts.....	79	260	112	132	128	345	134
74 Value..... dollars..	227,757	495,357	201,682	443,841	347,072	540,067	614,009
75 Asses and burros:							
76 Number.....	43	122	77	109	77	42	67
77 Value..... dollars..	7,205	18,262	9,619	15,967	13,618	11,266	11,163
78 Swine:							
79 Total number.....	12,739	59,164	22,411	38,090	15,900	50,862	28,478
80 Mature hogs.....	7,056	39,151	16,418	27,604	11,674	31,634	17,768
81 Spring pigs.....	4,781	19,953	5,993	11,086	4,226	19,228	10,710
82 Value..... dollars..	80,297	395,224	112,888	274,256	110,601	400,837	182,457
83 Sheep:							
84 Total number.....		1,521	971	1,389	114	852	64
85 Rams, ewes, and wethers.....		962	603	930	108	517	59
86 Spring lambs.....		559	368	459	6	335	5
87 Value..... dollars..		5,940	2,975	4,791	448	4,143	475
88 Goats:							
89 Number.....	89	70	478	246	19	65	101
90 Value..... dollars..	339	260	1,181	1,074	93	306	325
<b>POULTRY AND BEES</b>							
91 Number of poultry of all kinds.....	69,742	160,080	89,336	122,587	122,115	275,747	127,124
92 Value..... dollars..	31,948	74,605	39,744	51,957	52,015	140,534	52,431
93 Number of colonies of bees.....	30	35	594	9	80	169	427
94 Value..... dollars..	136	162	1,405	65	187	1,180	1,468

\* See explanation at close of text.

AGRICULTURE—OKLAHOMA.

BY COUNTIES: APRIL 15, 1910—Continued.

between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparisons for the counties.]

	Grady.	Grant.	Greer.	Harmon.	Harper.	Haskell.	Hughes.	Jackson.	Jefferson.	Johnston.	Kay.	Kingfisher.	Kiowa.
1	30,309	18,700	16,449	11,328	8,189	18,875	24,040	23,737	17,430	16,734	26,999	18,825	27,526
2													
3	3,006	2,970	2,058	1,782	1,955	2,401	3,028	2,765	1,880	2,035	2,995	2,808	3,576
4													
5	2,808	2,062	1,989	1,748	1,872	2,270	2,026	2,724	1,833	1,848	2,735	2,135	3,326
6	77	304	59	14	81	10	5	40	33	9	213	399	167
7	121	4	10		2	121	397	1	14	178	47	364	83
8	8		1			2	5			3	2		1
9	31	15	18	4	1	34	33	14	17	32	20	10	16
10	35	20	18	5		180	129	14	17	80	23	16	30
11	226	93	86	45	29	1,205	1,092	141	189	661	104	112	132
12	683	170	343	269	77	641	922	527	526	651	374	291	368
13	1,173	1,462	1,108	916	963	217	705	1,491	754	367	1,743	1,544	2,208
14	470	400	198	254	255	59	75	242	233	110	331	297	358
15	280	685	253	236	521	37	51	314	85	65	350	401	405
16	57	53	30	25	84	18	12	18	23	43	23	43	51
17	37	1	3	8	25	8	4	4	31	23	16	4	7
18	655,360	636,160	412,160	350,720	661,120	393,600	547,200	497,920	490,880	421,120	597,760	569,600	754,560
19	518,553	617,540	343,740	320,433	533,417	160,199	251,998	440,750	334,851	247,114	1,595,031	531,629	630,842
20													
21	351,972	474,799	197,138	173,765	280,069	118,179	145,350	295,822	183,881	125,007	439,115	353,150	382,296
22													
23	36,171	6,095	3,298	1,775	3,719	26,205	75,870	7,176	25,548	53,506	23,977	56,885	6,310
24	130,410	136,646	143,304	144,893	249,029	15,815	30,778	137,752	125,422	68,601	131,939	121,594	242,236
25	70.1	97.1	83.4	91.4	80.7	40.7	46.1	88.5	68.2	58.7	99.5	93.3	83.6
26	67.9	76.9	57.3	54.2	52.6	73.8	57.7	67.1	54.9	50.6	73.8	66.4	60.6
27	172.5	207.9	167.0	131.9	272.3	66.7	83.2	159.4	178.1	121.4	198.7	189.3	176.4
28	117.1	159.9	95.8	98.6	143.6	49.2	48.0	107.0	97.8	61.4	146.6	125.8	106.9
29	20,655,189	32,143,025	10,182,600	7,738,447	9,056,560	4,188,912	5,669,534	18,232,553	8,627,771	5,321,428	34,791,296	20,943,894	23,122,346
30													
31													
32	15,602,317	23,830,541	7,094,406	5,319,073	6,364,859	2,351,575	3,404,104	14,032,750	5,687,298	3,525,544	25,409,442	15,216,752	17,181,154
33													
34	1,543,652	3,212,812	1,251,712	944,583	674,828	557,839	612,591	1,693,755	773,231	472,729	3,806,261	2,244,520	2,266,196
35													
36	468,737	1,007,974	381,393	289,309	368,052	154,925	240,471	505,459	263,013	153,741	999,503	598,848	707,269
37													
38	3,040,433	4,091,698	1,454,999	1,185,482	1,648,821	1,124,573	1,412,368	2,030,559	1,904,229	1,169,414	4,576,090	2,883,774	2,967,727
39													
40	75.5	74.1	69.7	68.7	70.3	55.1	60.0	77.0	65.9	66.3	73.0	72.7	74.3
41	7.5	10.0	12.3	12.2	7.5	13.3	10.8	9.1	9.0	8.9	10.9	10.7	9.8
42	2.3	3.1	3.7	3.7	4.1	3.7	4.2	2.8	3.0	2.9	2.9	2.9	3.1
43	14.7	12.7	14.3	15.3	18.2	26.8	24.9	11.1	22.1	22.0	13.2	13.8	12.8
44	6,871	10,823	4,948	4,392	4,633	1,745	1,872	6,594	4,589	2,615	11,616	7,459	6,466
45	5,704	9,106	4,055	3,555	3,601	1,212	1,327	5,677	3,436	1,965	9,755	6,218	5,438
46	30.09	38.59	20.64	16.60	11.93	14.68	13.51	31.84	16.98	14.27	42.70	28.62	27.24
47													
48	2,925	2,847	2,000	1,728	1,829	2,360	2,927	2,686	1,854	1,950	2,947	2,712	3,467
49	2,976,446	3,963,526	1,425,322	1,166,575	1,623,686	1,098,878	1,378,126	1,984,005	1,876,464	1,147,635	4,454,998	2,800,207	2,892,147
50	32,924	30,938	13,163	9,299	18,757	20,176	22,302	13,432	36,146	25,157	42,174	28,959	26,245
51	7,419	9,855	4,935	4,072	5,273	6,286	6,770	6,106	5,166	5,810	10,325	10,308	9,914
52	5,359	5,933	2,571	1,380	3,499	2,316	4,390	1,856	6,571	4,183	5,640	4,676	3,394
53	2,740	3,944	1,692	1,291	1,958	2,154	2,694	1,098	2,686	2,259	4,004	4,200	3,724
54	3,404	4,801	2,474	1,928	2,605	2,748	3,606	2,528	3,407	2,905	4,584	4,792	4,826
55	3,038	3,969	1,088	496	1,780	2,398	2,031	846	2,912	1,951	4,297	3,502	2,454
56	10,914	2,436	403	132	2,570	4,274	2,666	398	15,344	8,189	13,264	1,475	1,933
57	791,689	805,043	284,098	207,034	430,797	328,240	374,540	330,962	508,801	457,205	1,123,892	597,337	618,937
58	11,695	21,324	7,379	5,946	9,984	5,652	6,941	10,937	6,795	5,373	20,561	16,167	15,066
59	10,156	17,654	6,434	5,214	8,484	4,965	6,101	9,558	5,798	4,699	17,572	13,638	12,997
60	1,028	2,104	583	515	1,045	394	555	858	597	443	1,839	1,603	1,369
61	511	1,366	362	217	455	229	285	521	400	231	1,150	926	700
62	998,232	2,153,743	618,108	474,572	858,789	382,873	519,602	961,615	525,421	333,705	2,184,181	1,527,736	1,315,096
63	7,010	4,434	3,611	3,524	2,175	3,014	3,398	4,430	3,612	2,856	4,938	3,111	6,054
64	6,449	3,245	3,222	3,133	1,783	2,666	3,124	3,789	3,265	2,524	3,920	2,392	5,309
65	499	780	272	325	288	242	170	452	267	216	667	479	568
66	152	409	117	66	99	106	104	189	90	116	351	240	177
67	857,224	531,701	426,974	420,280	253,985	305,661	363,714	496,127	385,765	272,619	624,650	347,067	699,876
68	56	89	55	72	54	36	78	30	48	84	84	117	74
69	12,995	23,327	8,135	8,721	8,190	7,095	3,115	15,438	4,895	4,690	17,122	28,488	15,835
70	44,389	54,187	13,263	8,175	10,777	19,841	19,895	23,016	20,866	14,006	62,855	40,513	32,845
71	28,800	31,485	10,161	6,551	8,279	14,848	12,674	16,955	8,780	39,315	29,315	24,562	20,964
72	15,589	22,702	3,192	1,624	2,498	4,993	7,221	6,931	7,821	5,226	23,540	15,931	11,941
73	314,369	436,357	87,026	55,720	69,346	73,021	111,748	177,222	151,478	77,434	490,079	292,774	289,455
74	397	2,684	171	90	663	160	84	597	1	416	2,922	227	627
75	382	1,729	137	75	430	118	80	500	1	286	2,095	165	450
76	15	955	34	15	233	48	4	97		130	827	62	177
77	1,095	13,179	643	132	2,427	404	225	2,367	5	1,669	14,982	797	2,795
78	323	59	38	26	13	760	141	104	27	151	38	1,824	38
79	822	178	338	116	52	1,284	282	274	99	313	92	6,008	153
80	144,947	251,432	72,339	61,753	68,479	65,665	94,587	100,194	74,852	67,319	231,486	176,021	164,673
81	63,432	125,940	29,591	18,830	25,215	24,122	33,350	45,919	27,043	21,022	118,000	82,750	75,179
82	92	385	19	19	4	851	268	108	84	303	556	127	57
83	605	2,232	86	77	20	1,873	892	665	722	757	3,032	817	401

\* Includes animals, age or sex not specified.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

	Latimer.	Le Flore.	Lincoln.	Logan.	Love.	McClain.	McCurtain.
1 Population.....	11,321	29,127	34,779	31,740	10,236	15,659	20,681
2 <i>Population in 1900.....</i>							
3 Number of all farms.....	786	3,433	5,001	3,186	1,408	1,891	1,964
4 <i>Number of all farms in 1900.....</i>							
5 Color and nativity of farmers:							
6 Native white.....	699	3,074	4,089	2,181	1,198	1,756	1,153
7 Foreign-born white.....	5	13	276	190	4	17	
8 Negro and other nonwhite.....	82	346	636	815	206	118	801
9 Number of farms, classified by size:							
10 Under 3 acres.....		1	1	1	1	1	
11 3 to 9 acres.....	37	103	54	50	9	8	60
12 10 to 19 acres.....	140	548	37	98	25	31	196
13 20 to 49 acres.....	352	1,864	606	320	341	326	957
14 50 to 99 acres.....	122	599	1,472	601	633	603	384
15 100 to 174 acres.....	85	189	2,409	1,551	261	598	239
16 175 to 259 acres.....	28	60	221	309	56	221	43
17 260 to 499 acres.....	17	48	142	239	50	80	46
18 500 to 999 acres.....	5	11	9	16	20	17	11
19 1,000 acres and over.....		10		1	12	6	9
<b>LAND AND FARM AREA</b>							
20 Approximate land area..... acres	470,400	1,032,960	613,700	472,960	317,440	359,680	1,214,080
21 Land in farms..... acres	48,174	180,588	596,927	449,481	152,833	224,718	137,823
22 <i>Land in farms in 1900.....</i>							
23 Improved land in farms..... acres	24,042	120,257	322,446	282,213	98,097	165,940	61,002
24 <i>Improved land in farms in 1900.....</i>							
25 Woodland in farms..... acres	21,050	48,303	219,722	91,849	36,970	25,276	58,165
26 Other unimproved land in farms..... acres	3,082	12,028	54,759	75,419	17,766	33,502	18,656
27 Per cent of land area in farms.....	10.2	17.5	97.3	95.0	48.1	62.5	11.4
28 Per cent of farm land improved.....	49.9	66.6	54.0	62.8	64.2	73.8	44.3
29 Average acres per farm.....	61.3	52.6	119.4	141.1	108.5	118.8	70.5
30 Average improved acres per farm.....	30.6	35.0	64.5	88.6	69.7	87.8	31.2
<b>VALUE OF FARM PROPERTY</b>							
31 All farm property..... dollars	1,028,635	4,671,267	17,638,259	16,754,257	3,440,657	7,167,501	2,565,740
32 <i>All farm property in 1900.....</i>							
33 Per cent increase, 1900-1910.....							
34 Land..... dollars	535,754	2,559,705	11,800,787	11,743,645	2,162,608	5,066,920	1,480,645
35 <i>Land in 1900.....</i>							
36 Buildings..... dollars	150,174	665,089	2,538,071	2,157,420	340,164	597,238	305,016
37 <i>Buildings in 1900.....</i>							
38 Implements and machinery..... dollars	47,635	190,302	492,130	509,136	115,543	209,297	91,999
39 <i>Implements, etc., in 1900.....</i>							
40 Domestic animals, poultry, and bees..... dollars	365,072	1,256,171	2,787,321	2,344,056	822,282	1,294,046	688,080
41 <i>Domestic animals, etc., in 1900.....</i>							
42 Per cent of value of all property in—							
43 Land.....	48.8	54.8	60.9	70.1	62.9	70.7	57.7
44 Buildings.....	13.7	14.2	14.5	12.9	9.9	8.3	11.9
45 Implements and machinery.....	4.3	4.1	2.8	3.0	3.4	2.9	3.6
46 Domestic animals, poultry, and bees.....	33.2	26.9	15.8	14.0	23.9	18.1	26.8
47 Average values:							
48 All property per farm..... dollars	1,398	1,361	3,527	5,259	2,444	3,790	1,313
49 Land and buildings per farm..... dollars	873	939	2,871	4,363	1,778	2,995	914
50 Land per acre..... dollars	11.12	14.17	19.77	26.13	14.15	22.55	10.74
51 <i>Land per acre in 1900.....</i>							
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
52 Farms reporting domestic animals.....	775	3,313	4,713	3,005	1,369	1,860	1,870
53 Value of domestic animals..... dollars	357,087	1,228,831	2,679,821	2,257,150	809,409	1,261,543	671,916
<b>Cattle</b>							
54 Total number.....	8,154	* 26,340	* 26,687	* 23,885	15,053	* 14,710	15,343
55 Dairy cows.....	2,366	8,632	12,818	9,791	3,420	4,673	5,577
56 Other cows.....	1,715	4,554	2,350	2,050	3,350	1,813	2,027
57 Yearling heifers.....	931	3,252	3,710	3,443	1,733	1,654	1,865
58 Calves.....	981	4,450	4,540	3,925	1,992	2,251	2,938
59 Yearling steers and bulls.....	887	2,879	2,221	2,427	1,653	1,634	1,230
60 Other steers and bulls.....	1,274	2,535	936	1,209	2,905	2,416	1,706
61 Value..... dollars	122,180	* 370,178	* 560,293	* 500,574	271,990	* 272,322	217,176
<b>Horses:</b>							
62 Total number.....	2,109	7,107	16,072	13,110	3,604	5,992	3,973
63 Mature horses.....	1,867	6,295	14,298	11,473	3,190	5,318	3,413
64 Yearling colts.....	168	542	1,264	1,195	277	454	322
65 Spring colts.....	74	270	510	442	137	220	238
66 Value..... dollars	131,565	441,761	1,301,835	1,196,402	249,431	451,714	214,635
<b>Mules:</b>							
67 Total number.....	709	3,170	5,007	3,492	1,977	3,829	1,711
68 Mature mules.....	620	2,869	4,214	2,766	1,834	3,485	1,540
69 Yearling colts.....	64	216	553	515	111	253	105
70 Spring colts.....	25	85	240	211	32	91	60
71 Value..... dollars	67,115	311,834	527,562	371,029	209,654	410,514	190,000
<b>Asses and burros:</b>							
72 Number.....	20	70	100	125	43	72	15
73 Value..... dollars	3,250	10,276	16,237	19,430	4,175	9,500	1,767
<b>Swine:</b>							
74 Total number.....	9,370	28,665	24,893	22,656	12,683	18,519	20,923
75 Mature hogs.....	7,638	22,248	17,402	14,986	8,005	11,472	14,333
76 Spring pigs.....	1,732	6,417	7,491	7,670	4,678	7,047	6,590
77 Value..... dollars	29,339	91,626	179,475	182,516	72,052	117,429	68,131
<b>Sheep:</b>							
78 Total number.....	800	1,010	526	344	301		364
79 Rams, ewes, and wethers.....	644	730	328	190	167		276
80 Spring lambs.....	216	280	198	154	134		88
81 Value..... dollars	2,316	2,200	2,011	1,806	1,861		761
<b>Goats:</b>							
82 Number.....	848	531	890	2,204	132	38	380
83 Value..... dollars	1,322	966	2,438	5,402	240	64	437
<b>POULTRY AND BEES</b>							
84 Number of poultry of all kinds.....	24,197	89,142	222,086	170,237	41,638	84,407	49,718
85 Value..... dollars	7,619	25,002	106,001	85,752	12,551	31,931	14,839
86 Number of colonies of bees.....	199	1,226	369	243	121	153	533
87 Value..... dollars	365	2,338	1,399	1,145	322	572	1,325

\* Includes deer, valued at \$100.

\* Includes deer, valued at \$50.

AGRICULTURE—OKLAHOMA.

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BY COUNTIES: APRIL 15, 1910—Continued.

between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparisons for the counties.]

	McIntosh.	Major.	Marshall.	Mayer.	Murray.	Muskogee.	Noble.	Nowata.	Okfuskee.	Oklahoma.	Oklmulgee.	Osage.	Ottawa.
1	20,901	15,248	11,019	13,596	12,744	52,743	14,945	14,223	19,995	85,232	21,115	20,101	15,713
2													
3	2,785	2,469	1,509	1,808	1,218	3,192	2,035	1,315	2,478	2,839	1,904	1,945	1,661
4													
5	1,879	2,127	1,397	1,381	1,143	1,945	1,642	869	1,428	2,072	1,049	1,798	1,407
6	10	321	6	16	3	41	310	10	19	346	22	43	34
7	896	21	106	411	72	1,206	83	436	1,031	421	833	104	220
8	4			2		2	3	2	1	2	1	5	
9	39	8	17	22	14	60	2	4	14	97	27	9	44
10	86	11	42	60	43	163	7	27	75	117	71	23	55
11	923	46	353	367	363	930	49	150	795	257	555	187	355
12	947	185	559	596	440	1,060	201	404	754	484	518	288	496
13	618	1,254	341	430	225	653	1,129	340	711	1,431	503	752	410
14	104	403	105	157	75	146	266	176	59	226	96	205	155
15	54	480	75	137	32	130	327	161	53	211	83	285	106
16	9	66	15	29	13	33	40	38	11	12	25	123	34
17	1	16	2	8	13	15	11	13	5	2	24	68	6
18	423,040	599,680	268,160	432,040	271,360	520,960	469,760	375,040	398,720	458,880	434,560	1,457,280	305,280
19	234,887	520,239	152,999	227,446	180,309	320,891	431,029	249,193	232,828	395,775	334,869	735,660	211,037
20													
21	152,380	279,055	116,003	150,172	80,000	217,522	261,378	165,966	181,831	257,185	132,505	279,313	139,992
22													
23	54,836	91,954	17,426	39,614	21,000	44,694	27,629	13,300	85,284	91,693	67,231	164,686	34,006
24	27,615	155,230	19,570	37,660	78,349	58,375	142,022	69,327	15,713	46,897	136,133	291,761	37,039
25	55.5	87.8	57.1	52.6	66.4	61.6	91.9	66.4	58.4	86.2	77.1	50.5	69.1
26	64.0	53.0	75.8	66.0	44.4	67.8	60.6	66.6	56.0	65.0	39.6	38.0	66.3
27	84.3	213.1	101.4	125.8	148.0	100.5	212.1	189.5	94.0	139.4	175.9	378.2	127.1
28	54.7	113.0	76.9	83.1	65.7	68.1	128.4	126.2	53.2	90.6	69.6	143.6	84.3
29	6,344,266	15,120,969	3,838,699	7,382,937	4,117,790	13,552,711	15,968,631	6,942,266	4,917,094	28,959,788	8,654,029	16,465,703	7,130,532
30													
31													
32	4,049,710	10,676,006	2,577,095	4,928,554	2,859,508	9,962,840	11,386,120	4,358,463	3,167,854	23,936,875	5,895,073	9,717,355	5,009,144
33													
34	817,107	1,485,643	385,931	636,738	296,507	1,217,376	1,731,595	562,183	418,298	2,338,261	599,630	920,580	649,960
35													
36	206,263	506,015	122,445	198,984	97,212	299,194	429,078	133,315	169,793	601,637	196,918	306,006	201,415
37													
38	1,271,186	2,463,305	753,228	1,618,661	864,565	2,073,301	2,421,238	1,888,305	1,161,149	2,182,815	2,052,408	5,521,762	1,279,013
39													
40	63.8	70.6	67.1	66.8	69.4	73.5	71.3	62.8	64.4	82.7	68.1	59.0	70.2
41	12.9	9.8	10.1	8.6	7.2	9.0	10.8	8.1	8.5	8.1	5.9	5.6	9.1
42	3.3	3.3	3.2	2.7	2.4	2.2	2.7	1.9	3.5	1.7	2.3	1.9	2.8
43	20.0	16.2	19.6	21.9	21.0	15.3	15.2	27.2	23.6	7.5	23.7	33.5	17.9
44	2,278	6,124	2,544	4,083	3,381	4,246	7,347	5,279	1,984	10,201	4,545	8,466	4,298
45	1,748	4,926	1,964	3,078	2,591	3,503	6,446	3,742	1,447	9,255	3,364	5,469	3,407
46	17.24	20.29	16.84	21.67	15.86	31.05	26.38	17.49	13.61	60.48	17.60	13.21	23.74
47													
48	2,690	2,422	1,473	1,779	1,155	3,060	2,068	1,303	2,358	2,719	1,804	1,917	1,596
49	1,237,419	2,383,071	733,709	1,574,061	850,120	2,024,904	2,354,766	1,852,840	1,137,122	2,098,409	2,622,502	5,468,665	1,232,225
50	16,975	25,810	10,633	24,555	18,834	32,349	32,790	33,111	14,144	18,854	52,157	126,111	15,279
51	5,850	9,874	3,232	4,854	2,534	5,038	5,152	4,375	8,849	4,465	6,059	4,144	4,144
52	2,789	3,523	1,935	4,441	2,419	5,693	3,116	2,404	2,430	5,639	15,214	2,542	2,542
53	1,760	3,501	1,215	2,186	1,161	2,860	3,216	1,865	1,374	2,635	3,132	1,804	1,804
54	2,714	3,395	1,638	2,884	1,760	3,346	3,838	1,791	2,360	2,669	4,746	2,064	2,064
55	1,266	3,046	860	2,329	1,015	2,461	3,113	2,064	1,799	4,028	2,582	1,529	1,529
56	1,896	1,466	1,653	7,861	7,385	9,376	5,127	14,546	1,641	730	32,889	85,785	3,196
57	295,787	547,356	177,801	554,730	406,025	650,161	764,854	979,615	274,093	474,940	1,194,404	3,727,743	304,474
58	6,939	14,997	3,573	7,507	3,770	9,445	11,049	7,025	6,089	11,410	5,955	12,551	6,509
59	6,231	12,821	3,097	6,425	2,965	8,291	9,481	6,158	5,420	9,962	5,249	10,897	5,519
60	420	1,430	282	650	296	705	1,008	600	427	975	451	1,056	674
61	279	746	194	432	179	449	560	267	242	473	255	542	316
62	515,160	1,368,786	240,053	619,336	245,007	724,185	1,047,614	564,503	479,895	1,056,070	442,043	993,997	552,817
63	3,088	2,522	2,648	2,046	1,506	4,591	2,605	1,868	2,857	3,213	2,658	4,012	2,313
64	2,825	1,956	2,398	2,175	1,323	4,160	2,127	1,593	2,601	2,705	2,431	3,654	1,847
65	186	404	206	296	122	305	314	196	183	379	171	345	281
66	77	162	104	176	61	126	164	74	73	129	50	113	185
67	328,987	278,904	246,971	271,251	147,125	520,352	319,913	199,517	299,521	372,942	302,552	493,931	245,194
68	103	138	60	75	32	91	39	53	31	44	22	62	59
69	13,745	17,211	5,670	12,439	4,690	11,810	12,330	8,890	3,125	9,002	3,595	8,890	11,417
70	16,888	23,211	11,715	19,856	8,743	21,770	28,013	13,731	12,587	22,680	12,226	35,148	16,492
71	10,175	15,887	7,063	13,482	5,261	14,007	17,440	8,891	7,943	15,324	7,051	22,765	10,655
72	6,713	7,324	4,652	6,374	3,482	7,763	10,573	4,890	4,644	5,175	7,355	12,383	5,837
73	83,538	167,673	63,029	112,774	46,954	116,573	206,283	99,438	80,279	183,833	79,632	238,417	115,327
74		325	11	1,086	123	277	655	172	69	47	49	1,730	836
75		225	9	988	75	183	445	122	64	33	33	937	503
76		100	2	98	53	89	209	50	5	14	16	733	333
77		1,201	47	3,274	115	1,642	3,207	823	204	366	177	4,954	2,470
78	92	672	44	103	107	60	193	50	3	460	35	275	223
79	202	1,940	78	257	204	161	565	154	5	1,256	99	753	526
80	87,075	135,687	58,616	88,669	40,569	106,338	138,937	73,479	70,166	152,262	66,141	104,584	93,064
81	32,670	70,024	10,365	42,015	13,887	46,406	60,185	35,161	23,861	82,640	29,634	52,804	45,883
82	356	16	63	588	290	635	67	92	78	424	71	54	349
83	1,097	110	151	1,885	558	1,991	284	304	166	1,766	272	243	905

\* Includes animals, age or sex not specified.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

	Pawnee.	Payne.	Pittsburg.	Pontotoc.	Pottawato- mje.	Pushma- taha.	Roger Mills.
1 Population.....	17,332	23,735	47,650	24,331	43,595	10,118	12,861
2 <i>Population in 1900.....</i>							
3 Number of all farms.....	2,215	3,170	2,701	2,722	4,752	908	2,592
4 <i>Number of all farms in 1900.....</i>							
5 Color and nativity of farmers:							
6 Native white.....	1,066	2,858	2,384	2,520	4,313	779	2,516
7 Foreign-born white.....	88	138	37	17	138	3	60
8 Negro and other nonwhite.....	161	174	280	185	301	126	16
9 Number of farms, classified by size:							
10 Under 3 acres.....	3	3	2	2	2	18	7
11 3 to 9 acres.....	19	13	85	39	95	63	14
12 10 to 19 acres.....	30	60	258	89	128	411	64
13 20 to 49 acres.....	220	328	1,108	1,018	1,008	199	135
14 50 to 99 acres.....	424	784	659	877	1,896		
15 100 to 174 acres.....	1,156	1,556	336	473	1,348	151	1,375
16 175 to 259 acres.....	152	268	91	135	213	25	370
17 260 to 499 acres.....	185	157	90	61	84	23	52
18 500 to 999 acres.....	20	9	50	18	6	12	87
19 1,000 acres and over.....	6	2	22	12	2	6	18
<b>LAND AND FARM AREA</b>							
20 Approximate land area..... acres.	373,760	433,920	876,800	465,920	507,520	915,200	726,400
21 Land in farms..... acres.	337,115	424,012	249,472	241,155	447,373	80,614	562,812
22 <i>Land in farms in 1900.....</i>							
23 Improved land in farms..... acres.	198,490	282,008	135,823	147,392	261,794	34,004	282,169
24 <i>Improved land in farms in 1900.....</i>							
25 Woodland in farms..... acres.	46,387	68,442	68,998	58,934	155,083	40,072	8,943
26 Other unimproved land in farms..... acres.	92,238	93,472	44,651	34,829	30,496	6,538	271,700
27 Per cent of land area in farms.....	90.2	97.7	28.5	51.8	88.1	8.8	77.5
28 Per cent of farm land improved.....	58.9	61.8	54.4	61.1	58.5	42.2	50.1
29 Average acres per farm.....	152.2	133.8	92.4	88.6	94.1	88.8	217.1
30 Average improved acres per farm.....	89.6	82.7	50.3	54.1	55.1	37.4	108.9
<b>VALUE OF FARM PROPERTY</b>							
31 All farm property..... dollars.	10,038,085	15,451,022	6,398,826	5,813,273	16,279,605	1,443,831	10,581,497
32 <i>All farm property in 1900.....</i>							
33 Per cent increase, 1900-1910.....							
34 Land..... dollars.	6,599,422	10,050,246	3,763,216	3,506,619	11,307,784	727,994	7,162,813
35 <i>Land in 1900.....</i>							
36 Buildings..... dollars.	1,195,976	1,808,760	738,386	631,065	2,060,026	204,514	1,075,044
37 <i>Buildings in 1900.....</i>							
38 Implements and machinery..... dollars.	301,511	455,877	209,738	209,487	465,442	56,802	402,177
39 <i>Implements, etc., in 1900.....</i>							
40 Domestic animals, poultry, and bees..... dollars.	1,941,176	2,536,139	1,687,486	1,466,102	2,456,353	454,521	1,941,463
41 <i>Domestic animals, etc., in 1900.....</i>							
42 Per cent of value of all property in—							
43 Land.....	65.7	68.9	58.8	60.3	69.5	50.4	67.7
44 Buildings.....	11.9	11.7	11.5	10.9	12.7	14.2	10.2
45 Implements and machinery.....	3.0	3.0	3.3	3.6	2.8	3.9	3.8
46 Domestic animals, poultry, and bees.....	19.3	16.4	26.4	25.2	15.1	31.5	18.3
47 Average values:							
48 All property per farm..... dollars.	4,532	4,874	2,369	2,136	3,426	1,590	4,082
49 Land and buildings per farm..... dollars.	3,519	3,930	1,667	1,520	2,813	1,027	3,178
50 Land per acre..... dollars.	19.58	25.12	15.08	14.54	25.28	9.03	12.73
51 <i>Land per acre in 1900.....</i>							
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
52 Farms reporting domestic animals.....	2,156	3,041	2,632	2,624	4,558	901	2,490
53 Value of domestic animals..... dollars.	1,878,086	2,442,901	1,655,907	1,430,303	2,368,427	446,230	1,902,429
54 Cattle:							
55 Total number.....	23,064	25,989	40,688	27,681	19,936	11,615	18,765
56 Dairy cows.....	7,460	11,417	8,674	6,963	9,403	2,754	6,850
57 Other cows.....	2,374	2,232	7,932	6,776	2,404	3,146	4,181
58 Yearling heifers.....	2,593	4,075	2,874	2,874	2,828	1,174	2,462
59 Calves.....	3,295	4,626	4,534	3,772	3,652	1,458	3,479
60 Yearling steers and bulls.....	2,325	2,595	4,447	2,454	1,181	787	1,318
61 Other steers and bulls.....	2,984	1,406	11,026	4,842	498	2,296	474
62 Value..... dollars.	2,523,735	2,559,886	692,332	482,981	464,608	181,354	414,242
63 Horses:							
64 Total number.....	10,362	14,014	8,090	6,576	12,083	2,331	10,478
65 Mature horses.....	9,078	12,232	7,033	5,678	10,476	2,000	9,149
66 Yearling colts.....	897	1,232	658	557	1,053	222	955
67 Spring colts.....	387	550	399	341	554	109	372
68 Value..... dollars.	874,026	1,255,501	515,840	479,628	1,056,048	121,613	874,514
69 Mules:							
70 Total number.....	2,516	3,558	3,098	3,361	5,741	922	3,631
71 Mature mules.....	1,919	2,788	2,714	2,966	4,963	837	3,120
72 Yearling colts.....	383	539	255	272	551	60	407
73 Spring colts.....	214	231	129	123	227	25	104
74 Value..... dollars.	264,706	386,146	312,763	351,900	655,188	86,134	419,257
75 Asses and burros:							
76 Number.....	73	144	69	31	74	26	131
77 Value..... dollars.	17,492	19,922	12,635	4,190	14,333	3,005	18,306
78 Swine:							
79 Total number.....	25,967	28,905	27,845	19,171	24,251	13,584	27,370
80 Mature hogs.....	16,340	18,537	19,110	12,023	15,639	10,249	21,116
81 Spring pigs.....	9,627	10,368	8,735	7,148	8,612	3,335	6,254
82 Value..... dollars.	190,637	211,979	114,699	110,561	177,349	51,390	173,019
83 Sheep:							
84 Total number.....	1,528	1,414	1,427	107	334	335	633
85 Rams, ewes, and wethers.....	875	967	883	74	183	257	439
86 Spring lambs.....	653	447	544	33	151	48	194
87 Value..... dollars.	5,827	9,046	4,242	249	1,078	928	2,743
88 Goats:							
89 Number.....	745	284	1,708	270	72	977	72
90 Value..... dollars.	1,663	621	3,426	734	223	1,906	343
<b>POULTRY AND BEES</b>							
91 Number of poultry of all kinds.....	127,777	185,085	87,353	107,613	193,530	28,404	87,221
92 Value..... dollars.	60,621	89,425	30,040	34,605	84,727	7,696	38,983
93 Number of colonies of bees.....	259	757	563	417	863	232	7
94 Value..... dollars.	1,244	3,813	1,530	1,194	3,199	595	51

1 Includes buffaloes, valued at \$1,225.

AGRICULTURE—OKLAHOMA.

BY COUNTIES: APRIL 15, 1910—Continued.

[between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparison for the counties.]

	Rogers.	Seminole.	Sequoyah.	Stephens.	Texas.	Tillman.	Tulsa.	Wagoner.	Washington.	Washita.	Woods.	Woodward.
1	17,736	19,964	25,005	22,252	14,249	18,650	34,995	22,086	17,484	25,034	17,567	16,592
2												
3	1,786	2,875	3,302	2,902	3,026	2,478	1,900	2,713	805	3,740	2,660	2,730
4												
5	1,388	2,056	2,580	2,831	2,771	2,383	1,625	1,400	678	3,269	2,429	2,582
6	30	16	5	39	254	80	36	27	16	449	231	144
7	308	803	717	32	1	15	239	1,286	111	22		4
8		3	1		1		5	4	1			
9	11	18	55	11		5	33	32	16	19	7	4
10	49	90	323	34	3	13	67	126	16	22	3	10
11	264	931	1,649	470	16	61	389	969	104	192	41	82
12	526	1,001	867	897	64	211	514	606	260	551	110	157
13	513	678	271	1,143	1,978	1,703	611	630	208	2,170	1,437	1,320
14	205	67	68	201	303	208	132	136	84	380	282	421
15	166	44	60	104	656	255	129	88	92	377	653	603
16	38	10	8	23	99	20	13	22	17	27	94	116
17	20	3		19	12	2	7	10	7	2	33	17
18	467,200	405,120	443,520	574,080	1,321,600	469,120	361,600	348,800	272,000	643,840	803,200	789,120
19	312,561	240,120	190,899	381,211	748,383	429,853	264,625	270,471	122,396	613,819	656,921	619,933
20												
21	187,330	136,345	133,478	246,147	456,356	327,190	164,670	199,564	79,864	394,712	354,003	416,783
22												
23	42,114	82,934	49,925	71,721	1,830	4,451	28,161	31,423	13,392	8,598	6,105	56,540
24	83,117	20,841	7,496	63,343	290,197	98,212	73,794	39,484	29,140	210,509	295,813	146,635
25	66.9	59.3	43.0	66.4	56.6	91.6	73.2	77.5	45.0	95.3	81.7	78.6
26	59.9	56.8	69.9	64.6	61.0	76.1	62.2	73.8	65.3	64.3	54.0	67.2
27	175.0	83.5	57.8	131.4	247.3	173.5	130.3	99.7	152.0	164.1	248.6	227.1
28	104.9	47.4	40.4	84.8	150.8	132.0	86.7	73.6	69.2	105.5	133.1	152.7
29	8,639,129	4,646,119	4,933,903	11,452,419	11,982,370	19,085,239	9,729,598	9,251,153	3,691,632	23,687,438	17,608,740	14,645,527
30												
31												
32	5,548,147	2,740,973	2,969,353	7,800,807	8,722,630	14,705,888	7,053,614	6,742,363	2,520,516	17,055,437	12,606,269	10,117,671
33												
34	768,486	498,113	654,920	1,055,626	1,129,470	1,628,812	671,977	711,580	273,680	2,484,455	1,579,858	1,471,463
35												
36	258,228	189,852	182,965	328,079	459,073	626,633	232,816	239,894	82,743	772,935	548,892	540,800
37												
38	2,064,268	1,277,181	1,131,670	2,267,907	1,671,197	2,223,926	1,771,191	1,557,316	814,693	3,374,611	2,813,731	2,515,593
39												
40	64.2	59.0	60.1	68.1	72.8	77.1	72.5	72.9	68.3	72.0	71.9	69.1
41	8.9	9.4	13.3	9.2	9.4	8.5	6.9	7.7	7.4	10.5	9.0	10.0
42	3.0	4.1	3.7	2.9	3.8	2.8	2.4	2.6	2.2	3.3	3.1	3.7
43	23.9	27.5	22.9	19.8	13.9	11.7	18.2	16.8	22.1	14.2	16.0	17.2
44	4,837	1,610	1,406	3,946	3,960	7,702	5,121	3,410	4,588	6,334	6,620	5,365
45	3,537	1,106	1,098	3,052	3,256	6,592	4,066	2,747	3,471	5,225	5,356	4,245
46	17.75	11.42	15.55	20.46	11.66	34.21	26.66	24.93	20.59	27.79	19.31	16.32
47												
48	1,740	2,769	3,166	2,837	2,787	2,436	1,808	2,560	787	3,638	2,583	2,616
49	2,016,115	1,249,691	1,102,055	2,220,386	1,631,169	2,173,444	1,719,481	1,514,843	792,263	3,283,602	2,745,226	2,459,554
50	230,479	19,835	19,927	231,639	14,557	12,604	23,793	25,696	11,409	29,120	32,946	26,938
51	6,068	6,568	6,728	7,449	5,312	5,691	5,023	4,857	2,342	12,530	8,515	9,137
52	4,554	2,860	3,287	4,515	2,898	866	2,785	3,159	1,456	2,881	9,124	5,029
53	2,114	2,667	2,226	3,182	2,038	1,895	1,571	2,006	1,122	4,518	3,992	3,418
54	3,372	3,341	2,811	4,501	2,173	2,188	2,548	2,655	1,480	5,850	5,137	4,352
55	2,109	2,241	2,852	4,400	1,294	1,018	1,546	2,403	1,378	2,630	2,994	3,385
56	12,862	2,138	2,023	7,382	874	946	7,426	6,916	3,631	711	3,184	1,617
57	857,085	345,073	277,320	2,666,080	359,093	351,338	2,594,793	2,486,034	263,386	678,301	697,901	578,534
58	8,101	7,115	5,750	10,036	10,942	7,289	6,941	6,941	4,388	17,007	16,102	13,817
59	6,930	6,326	5,158	8,789	9,618	7,940	6,595	6,148	3,692	14,546	13,826	12,125
60	687	480	404	864	993	690	438	543	452	1,523	1,475	1,272
61	484	300	188	403	331	413	256	245	274	938	801	420
62	711,461	484,625	378,794	807,565	940,557	871,548	661,391	518,175	347,260	1,660,169	1,415,892	1,250,152
63	2,675	3,289	3,684	4,671	2,250	5,477	2,704	3,764	1,032	5,103	3,976	3,498
64	2,128	2,859	3,369	3,994	1,953	5,075	2,368	3,366	844	4,380	3,056	2,802
65	371	233	232	487	211	269	237	299	122	464	606	506
66	176	147	83	190	86	133	99	99	66	250	314	190
67	294,638	339,864	367,844	507,554	258,467	708,938	328,898	400,668	108,777	595,422	451,995	411,604
68	62	39	60	116	84	53	53	51	51	64	113	170
69	15,110	4,119	5,540	13,878	8,332	13,578	7,950	7,611	8,770	10,570	13,814	22,607
70	20,403	13,330	22,761	34,095	8,058	29,400	18,379	19,236	9,628	45,789	20,757	24,231
71	12,165	16,295	22,497	6,233	18,132	11,772	12,412	12,412	5,455	29,686	15,304	17,513
72	8,248	5,369	6,496	11,598	1,825	11,268	6,607	6,824	4,173	16,103	5,453	6,418
73	134,709	74,759	71,895	224,562	58,871	224,336	125,762	101,993	64,016	338,187	161,589	185,888
74	571	199	216	114	3,749	919	18	6		223	841	442
75	352	156	154	75	2,617	733	12	6		138	588	324
76	219	43	62	39	1,132	186	6			85	253	118
77	2,310	980	395	395	11,198	3,552	105	60		783	3,945	2,149
78	382	137	210	177	11	44	223	131	20	40	30	558
79	802	271	267	412	51	164	582	302	54	170	90	2,620
80	97,050	82,853	87,589	111,751	103,180	111,096	100,825	94,871	45,375	195,924	169,260	123,940
81	46,846	27,118	28,112	47,895	40,028	50,290	51,220	41,978	22,173	90,545	68,481	55,977
82	428	137	723	44		28	123	211	75	72	6	13
83	1,307	372	1,503	126		186	496	496	257	464	24	63

\* Includes animals, age or sex not specified.



TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE AND COLOR  
 [Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

	THE STATE.			Adair.	Alfalfa.	Atoka.	Deaver.	
	Total.	White.	Colored.					
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms.....	85,404	74,254	11,150	660	1,696	434	3,268
2	Number of farms in 1900.....	<i>89,309</i>	<i>50,018</i>	<i>10,191</i>	.....	.....	.....	.....
3	Per cent of all farms.....	44.9	43.8	53.9	53.4	67.0	25.6	91.6
4	Per cent of all farms in 1900.....	<i>55.7</i>	<i>62.8</i>	<i>77.1</i>	.....	.....	.....	.....
5	Land in farms..... acres.....	15,996,795	14,397,140	1,599,655	87,908	342,487	71,189	757,789
6	Improved land in farms..... acres.....	9,322,165	8,587,571	734,594	25,254	281,250	19,717	445,978
7	Value of land and buildings..... dollars.....	417,862,302	385,536,954	32,325,348	1,202,108	17,349,963	826,143	10,088,071
<b>Degree of ownership:</b>								
8	Farms consisting of owned land only.....	64,884	54,965	9,919	558	1,280	388	2,176
9	Farms consisting of owned and hired land.....	20,520	19,289	1,231	102	416	46	1,092
<b>Color and nativity of owners:</b>								
10	Native white.....	68,564	68,564	.....	242	1,554	241	3,123
11	Foreign-born white.....	5,690	5,690	.....	1	142	4	142
12	Negro and other nonwhite.....	11,150	.....	11,150	417	.....	189	3
<b>FARMS OPERATED BY TENANTS</b>								
13	Number of farms.....	104,137	94,043	9,494	574	831	1,254	286
14	Number of farms in 1900.....	<i>47,250</i>	<i>44,265</i>	<i>2,985</i>	.....	.....	.....	.....
15	Per cent of all farms.....	54.8	55.8	45.9	46.5	32.8	74.0	8.0
16	Per cent of all farms in 1900.....	<i>49.8</i>	<i>49.7</i>	<i>22.6</i>	.....	.....	.....	.....
17	Land in farms..... acres.....	12,433,879	11,763,118	670,761	36,128	148,811	99,670	60,221
18	Improved land in farms..... acres.....	8,052,245	7,615,504	436,741	21,516	125,902	53,401	38,233
19	Value of land and buildings..... dollars.....	312,066,351	297,306,368	14,759,983	657,422	7,576,440	1,256,384	866,350
<b>Form of tenancy:</b>								
20	Share tenants.....	72,356	65,107	7,249	439	561	831	178
21	Share-cash tenants.....	3,962	3,714	248	14	62	15	16
22	Cash tenants.....	21,751	20,353	1,398	27	115	131	55
23	Tenure not specified.....	6,068	5,409	599	94	93	277	37
<b>Color and nativity of tenants:</b>								
24	Native white.....	92,607	92,607	.....	514	788	1,114	281
25	Foreign-born white.....	2,036	2,036	.....	1	42	3	5
26	Negro and other nonwhite.....	9,494	.....	9,494	59	1	137	.....
<b>FARMS OPERATED BY MANAGERS</b>								
27	Number of farms.....	651	624	27	1	6	7	14
28	Number of farms in 1900.....	<i>511</i>	<i>492</i>	<i>19</i>	.....	.....	.....	.....
29	Land in farms..... acres.....	428,679	422,384	6,295	80	1,342	22,310	27,517
30	Improved land in farms..... acres.....	176,927	175,443	1,484	70	487	763	3,072
31	Value of land and buildings..... dollars.....	8,748,571	8,612,109	136,462	2,000	48,900	122,900	144,390
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
<b>For all farms operated by owners:</b>								
32	Number free from mortgage debt.....	46,889	39,083	7,806	482	990	309	2,430
33	Number with mortgage debt.....	36,036	33,403	2,633	148	688	113	806
34	Number with no mortgage report.....	2,479	1,768	711	30	18	12	32
<b>For farms consisting of owned land only:</b>								
35	Number reporting debt and amount.....	24,588	22,688	1,900	99	484	78	467
36	Value of their land and buildings..... dollars.....	122,327,300	116,341,133	5,986,167	242,899	4,344,050	180,100	1,483,985
37	Amount of mortgage debt..... dollars.....	27,384,765	26,175,686	1,209,079	47,774	683,078	54,908	270,838
38	Per cent of value of land and buildings.....	22.4	22.5	20.2	19.7	15.7	30.5	18.3

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS,

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1	Dairy cows on farms reporting dairy products.....	number.....	442,013	.....	1,773	8,315	3,920	5,921
2	Dairy cows on farms reporting milk produced.....	number.....	409,007	.....	1,731	7,888	3,857	5,637
3	Milk—Produced.....	gallons.....	103,577,844	.....	359,537	2,171,803	554,775	1,527,928
4	Sold.....	gallons.....	3,626,217	.....	4,515	25,475	12,015	5,092
5	Cream sold.....	gallons.....	526,193	.....	.....	54,747	103	163
6	Butter fat sold.....	pounds.....	3,137,112	.....	.....	100,831	.....	885
7	Butter—Produced.....	pounds.....	27,056,242	.....	96,721	461,254	200,202	381,037
8	Sold.....	pounds.....	7,466,824	.....	11,284	181,237	20,560	110,739
9	Cheese—Produced.....	pounds.....	18,968	.....	50	.....	.....	1,185
10	Sold.....	pounds.....	11,765	.....	50	.....	.....	535
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	7,365,295	.....	22,080	154,063	46,907	75,391
12	Receipts from sale of dairy products.....	dollars.....	3,366,515	.....	3,341	97,201	8,846	23,462
<b>Poultry Products</b>								
13	Poultry—Raised.....	number.....	13,680,484	.....	50,401	368,640	62,853	191,498
14	Sold.....	number.....	3,562,200	.....	12,493	104,964	20,526	45,151
15	Eggs—Produced.....	dozens.....	38,521,787	.....	184,631	1,024,653	176,474	594,346
16	Sold.....	dozens.....	18,896,825	.....	112,410	594,472	59,264	238,784
17	Value of poultry and eggs produced.....	dollars.....	10,850,097	.....	41,327	301,546	50,020	141,168
18	Receipts from sale of poultry and eggs.....	dollars.....	4,455,963	.....	20,933	140,342	17,723	51,792
<b>Honey and Wax</b>								
19	Honey produced.....	pounds.....	140,234	.....	2,005	1,763	1,432	100
20	Wax produced.....	pounds.....	1,088	.....	24	.....	.....	.....
21	Value of honey and wax produced.....	dollars.....	24,066	.....	279	269	231	26
<b>Wool, Mohair, and Goat Hair</b>								
22	Wool, fleeces shorn.....	number.....	33,219	.....	26	465	76	525
23	Mohair and goat hair, fleeces shorn.....	number.....	3,774	.....	58	351	200	12
24	Value of wool and mohair produced.....	dollars.....	42,063	.....	84	915	156	712
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25	Calves—Sold or slaughtered.....	number.....	138,615	.....	1,088	2,104	580	3,174
26	Other cattle—Sold or slaughtered.....	number.....	969,389	.....	1,758	14,856	7,979	19,519
27	Horses, mules, and asses and burros—Sold.....	number.....	108,006	.....	345	2,550	518	2,472
28	Swine—Sold or slaughtered.....	number.....	2,015,905	.....	5,682	63,628	10,919	25,740
29	Sheep and goats—Sold or slaughtered.....	number.....	49,131	.....	112	790	129	843
30	Receipts from sale of animals.....	dollars.....	54,524,144	.....	90,860	1,444,202	262,395	841,939
31	Value of animals slaughtered.....	dollars.....	6,575,550	.....	34,086	99,847	46,583	104,729

# AGRICULTURE—OKLAHOMA.

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

between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparisons for the counties.]

	Beckham.	Blaine.	Bryan.	Caddo.	Canadian.	Carter.	Cherokee.	Choctaw.	Cimarron.	Cleveland.	Coal.	Comanche.	Craig.
1	1,601	1,413	728	2,280	1,445	639	808	684	1,268	1,226	241	2,279	903
2	64.2	59.2	21.7	46.1	56.4	24.0	40.4	33.5	97.0	50.5	20.7	43.8	42.8
3													
4													
5	308,076	310,915	122,717	409,641	304,157	93,977	91,219	84,194	280,226	174,410	51,956	403,050	180,465
6	158,597	201,036	63,195	241,582	224,501	35,117	32,577	31,054	114,408	87,783	20,356	225,692	121,552
7	6,354,450	7,987,957	2,515,586	12,381,465	13,191,552	1,537,984	1,163,220	1,227,350	2,094,550	5,497,291	675,038	12,705,615	3,824,612
8	1,165	973	587	1,802	1,064	445	740	616	1,021	1,023	227	1,824	584
9	436	440	139	478	381	194	68	68	247	203	14	455	319
10	1,555	986	461	1,890	1,154	345	377	302	1,234	1,002	155	1,067	587
11	46	235	8	191	262	5	5	2	34	5	5	197	9
12	192	257	199	199	29	289	426	380	122	81	116	307	307
13	878	965	2,614	2,041	1,100	2,003	1,183	1,354	33	1,195	922	2,904	1,201
14	35.2	40.4	78.1	53.5	42.9	75.3	69.2	66.4	2.5	49.2	79.1	55.8	57.0
15													
16													
17	140,103	195,275	212,302	408,164	200,338	144,233	71,925	79,641	7,150	140,491	74,796	457,537	169,599
18	81,368	133,378	172,253	262,507	150,741	110,083	42,155	56,539	2,155	84,183	47,082	273,695	128,874
19	3,092,146	4,355,385	4,794,137	11,279,762	8,091,310	2,550,731	1,224,175	1,439,721	60,300	4,683,940	1,006,960	13,072,701	3,712,421
20	767	453	2,332	1,211	690	1,424	1,016	1,195	11	886	674	1,886	872
21	10	64	57	139	71	64	24	12	7	45	3	116	129
22	72	387	126	1,208	305	477	72	115	7	200	220	740	179
23	29	61	99	83	34	38	71	32	15	64	25	162	21
24	871	792	2,398	2,450	981	1,782	1,080	1,092	32	1,149	866	2,797	1,109
25	7	95	7	103	104	6	4	4	1	18	21	68	16
26	77	206	88	88	15	215	99	268	28	28	35	39	76
27	13	9	5	20	17	17	8	2	6	8	3	24	4
28													
29	3,647	5,604	1,210	9,173	25,256	6,285	1,087	335	5,920	1,392	5,430	62,472	2,330
30	1,190	3,084	893	4,006	9,619	2,655	352	80	1,265	880	483	46,843	1,539
31	75,200	191,000	58,450	233,300	948,500	162,200	8,800	6,325	31,420	76,500	42,435	799,000	32,300
32	705	659	472	934	694	401	614	554	1,221	577	154	987	564
33	874	713	218	1,263	723	185	150	94	42	631	56	1,224	307
34	22	41	36	83	28	53	44	36	5	18	31	68	32
35	593	428	140	907	471	105	112	67	34	465	42	900	149
36	2,392,212	2,165,820	604,094	4,439,350	3,841,675	336,890	207,470	97,315	119,900	2,049,642	85,480	4,642,405	456,215
37	589,739	475,664	146,225	1,176,801	766,178	80,122	47,132	17,628	24,097	492,957	24,380	1,200,287	194,798
38	24.3	22.0	24.2	26.5	19.9	23.8	22.7	18.1	20.1	24.1	28.5	25.9	23.0

## SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	6,033	7,964	6,752	12,640	8,614	5,023	3,325	4,367	1,651	5,966	3,550	13,130	5,665
2	5,337	7,751	6,358	11,940	8,024	4,985	3,243	4,163	1,651	5,673	2,624	12,077	5,528
3	1,408,859	1,923,830	1,396,390	3,293,432	2,190,034	962,356	568,872	689,436	430,505	1,662,086	533,015	2,956,876	1,208,962
4	44,526	26,021	37,137	45,216	89,445	42,950	12,041	37,120	1,630	289,253	22,115	78,138	53,063
5	7,749	8,084	395	17,373	16,973	10,973	312	612	1,529	3,000	15,519	3,494	3,063
6	16,023	95,129	128,104	175,428	175,428	260	260	260	2,014	2,014	63,635	39,056	39,056
7	397,019	407,454	575,285	766,223	457,467	325,616	165,819	277,743	125,368	421,879	170,584	812,606	265,710
8	79,132	107,041	76,685	265,211	197,211	42,372	13,946	35,974	40,131	151,107	33,111	280,921	89,297
9	799	234	260	2,650	172	172	172	172	15	125	140	140	140
10	100	200	1,250	1,250	1,250	1,250	1,250	1,250	15	75	140	140	140
11	94,631	110,369	122,305	206,824	162,661	70,846	35,436	70,214	26,156	143,660	44,995	211,023	74,750
12	34,655	63,965	24,050	106,517	108,837	17,648	6,191	15,334	8,664	89,935	14,984	109,539	40,368
13	205,665	259,153	179,795	383,312	289,203	115,874	77,647	97,860	41,745	171,352	50,092	370,022	164,450
14	55,096	66,522	49,097	89,488	75,817	24,177	22,966	25,377	10,158	50,257	15,069	85,281	50,334
15	447,250	721,087	473,813	1,001,183	923,596	236,598	201,461	257,784	160,410	547,386	147,518	1,151,954	504,240
16	176,240	416,656	158,893	476,066	530,712	89,158	87,671	86,565	58,394	271,747	50,779	541,038	291,819
17	133,147	190,828	118,949	301,340	286,087	64,042	54,330	71,078	42,267	160,160	41,842	321,753	152,337
18	47,832	85,991	40,128	114,511	130,209	17,512	20,442	22,624	14,896	68,620	14,862	126,468	74,010
19	105	155	1,830	315	5,001	862	3,463	4,144	8,944	843	153	2,327	2,327
20			20		9	2	23	88	124	30			
21	16	27	249	73	633	137	494	592	1,777	147	29	408	408
22	21	153	12	787	83	60	277	20	17,212	87	30	460	15
23	6	2	12	396	75	75	75	75	35	48	14	14	14
24	50	291	27	1,030	130	78	461	16	21,165	118	17	618	19
25	2,494	2,652	951	3,216	2,918	2,009	1,373	1,120	757	1,677	501	2,760	1,910
26	9,434	17,112	11,569	34,670	17,340	9,168	4,557	6,352	9,802	6,102	4,869	21,996	14,335
27	1,622	2,419	1,190	2,874	1,930	1,939	660	580	656	1,389	227	2,794	1,410
28	24,998	43,303	10,819	94,807	57,429	17,053	8,344	11,060	3,463	18,537	4,624	65,927	19,598
29	64	236	102	1,376	20	93	404	85	3,423	94	38	795	177
30	551,719	986,674	440,169	2,207,960	1,398,627	358,151	173,994	176,582	300,863	491,777	147,071	1,501,854	759,616
31	89,686	71,375	134,714	162,786	104,075	100,474	43,430	55,768	35,431	100,807	34,647	202,929	77,943

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

[Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

		Creek.	Custer.	Delaware.	Dewey.	Ellis.	Garfield.	Garvin.
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms	387	1,851	879	1,885	2,308	2,116	703
2	Number of farms in 1900							
3	Per cent of all farms	20.2	64.2	51.0	72.6	82.7	64.5	21.4
4	Per cent of all farms in 1900							
5	Land in farms	94,850	384,426	119,609	377,830	514,126	435,088	109,303
6	Improved land in farms	32,600	249,607	54,316	214,854	283,652	339,659	58,631
7	Value of land and buildings	1,262,888	10,943,845	2,304,182	7,397,017	8,850,802	21,409,057	2,557,583
<b>Degree of ownership:</b>								
8	Farms consisting of owned land only	325	1,348	732	1,369	1,539	1,545	548
9	Farms consisting of owned and hired land	62	503	147	516	769	571	155
<b>Color and nativity of owners:</b>								
10	Native white	277	1,648	476	1,787	2,113	1,711	483
11	Foreign-born white	4	138	5	85	193	383	10
12	Negro and other nonwhite	106	65	398	13	2	22	210
<b>FARMS OPERATED BY TENANTS</b>								
13	Number of farms	1,525	1,015	841	708	475	1,161	2,581
14	Number of farms in 1900							
15	Per cent of all farms	79.7	35.2	48.8	27.3	17.0	35.3	78.5
16	Per cent of all farms in 1900							
17	Land in farms	205,625	193,328	74,921	145,691	95,125	210,432	231,883
18	Improved land in farms	82,413	126,618	50,707	80,986	56,752	166,225	183,427
19	Value of land and buildings	2,590,739	5,229,130	1,701,646	2,674,195	1,608,270	9,290,745	5,840,719
<b>Form of tenancy:</b>								
20	Share tenants	814	609	579	365	325	784	2,117
21	Share-cash tenants	18	38	53	60	36	137	91
22	Cash tenants	498	270	152	193	87	161	309
23	Tenure not specified	195	98	57	90	27	79	64
<b>Color and nativity of tenants:</b>								
24	Native white	1,239	972	800	603	440	1,045	2,429
25	Foreign-born white	11	32	2	15	35	108	8
26	Negro and other nonwhite	275	11	39			8	144
<b>FARMS OPERATED BY MANAGERS</b>								
27	Number of farms	2	15	3	4	8	14	5
28	Number of farms in 1900							
29	Land in farms	580	4,950	810	504	3,600	3,830	1,485
30	Improved land in farms	315	2,298	195	339	2,390	2,643	1,140
31	Value of land and buildings	6,800	127,000	10,480	14,500	52,500	173,100	43,600
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
<b>For all farms operated by owners:</b>								
32	Number free from mortgage debt	185	848	724	909	1,313	1,070	403
33	Number with mortgage debt	128	978	141	946	956	1,007	263
34	Number with no mortgage report	74	25	14	30	39	39	37
<b>For farms consisting of owned land only:</b>								
35	Number reporting debt and amount	74	656	88	631	583	653	169
36	Value of their land and buildings	167,260	3,580,585	218,095	2,390,330	2,364,744	6,189,010	622,515
37	Amount of mortgage debt	51,164	781,987	50,118	520,638	468,817	1,200,606	208,906
38	Per cent of value of land and buildings	30.6	22.0	23.0	21.8	19.9	19.4	33.6

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>									
<b>Dairy Products</b>									
1	Dairy cows on farms reporting dairy products	number	2,922	8,783	3,517	7,620	6,504	13,247	5,707
2	Dairy cows on farms reporting milk produced	number	2,475	7,870	3,508	5,043	6,433	12,600	5,437
3	Milk—Produced	gallons	641,875	1,994,243	827,851	1,188,325	1,557,173	3,504,661	1,175,282
4	Sold	gallons	107,167	36,095	10,710	2,825	24,645	117,701	11,955
5	Cream sold	gallons	1,700	11,753	325	10,615	553	40,947	24
6	Butter fat sold	pounds	2,750	124,750	3,200	41,401	13,436	205,795	
7	Butter—Produced	pounds	146,243	442,695	204,922	339,117	369,634	673,678	479,497
8	Sold	pounds	41,888	155,423	45,151	114,154	127,568	346,227	45,470
9	Cheese—Produced	pounds		200		150	200	290	
10	Sold	pounds		120		150	100	150	
11	Value of dairy products, excluding home use of milk and cream	dollars	55,597	130,563	41,197	76,456	79,204	232,818	90,050
12	Receipts from sale of dairy products	dollars	34,266	74,604	10,776	38,761	33,466	168,748	11,820
<b>Poultry Products</b>									
13	Poultry—Raised	number	85,687	297,396	113,322	199,737	200,506	470,982	190,745
14	Sold	number	23,539	70,412	37,861	36,482	47,453	142,606	42,830
15	Eggs—Produced	dozens	209,401	759,627	485,664	538,973	607,433	1,582,068	474,682
16	Sold	dozens	91,198	405,211	306,059	275,314	305,086	999,519	152,166
17	Value of poultry and eggs produced	dollars	64,121	231,122	120,948	140,894	146,375	440,369	135,376
18	Receipts from sale of poultry and eggs	dollars	24,953	98,125	62,840	53,418	59,799	233,480	39,551
<b>Honey and Wax</b>									
19	Honey produced	pounds	329	376	3,237	60	167	1,663	3,028
20	Wax produced	pounds		17					
21	Value of honey and wax produced	dollars	61	73	444	9	33	330	580
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn	number		142	374	1,616	12	303	
23	Mohair and goat hair, fleeces shorn	number	2		36	105			
24	Value of wool and mohair produced	dollars	2	271	427	1,605	12	491	
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves—Sold or slaughtered	number	1,073	2,976	1,598	3,569	2,226	2,854	1,764
26	Other cattle—Sold or slaughtered	number	6,814	24,625	7,833	21,662	10,932	18,480	16,306
27	Horses, mules, and asses and burros—Sold	number	814	1,835	841	1,648	1,243	5,340	1,567
28	Swine—Sold or slaughtered	number	8,359	73,557	26,929	64,138	30,652	58,510	25,447
29	Sheep and goats—Sold or slaughtered	number	22	195	1,148	1,295	3	585	29
30	Receipts from sale of animals	dollars	298,770	1,587,892	515,156	1,316,464	671,380	2,315,036	785,039
31	Value of animals slaughtered	dollars	37,822	110,017	77,912	79,038	79,677	134,714	130,487

AGRICULTURE—OKLAHOMA.

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

between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparisons for the counties.]

	Grady.	Grant.	Greer.	Harmon.	Harper.	Haskell.	Hughes.	Jackson.	Jefferson.	Johnston.	Key.	Kingfisher.	Kiowa.
1	953	1,845	1,023	995	1,702	444	602	1,281	462	390	1,670	1,719	1,780
2	31.7	62.1	49.7	56.5	87.1	18.6	19.9	40.3	24.6	19.2	55.8	61.2	49.2
3	190,420	418,274	199,415	208,900	435,644	56,678	66,338	228,612	139,925	80,843	334,414	345,379	335,365
4	125,326	312,964	102,751	103,609	249,145	32,821	31,711	144,746	83,995	26,892	256,071	224,420	197,209
5	7,148,814	18,333,405	4,609,406	3,928,147	6,147,222	940,583	1,118,123	7,991,770	2,712,350	1,180,241	18,299,315	11,447,117	10,518,345
6	709	1,219	829	707	1,073	292	517	1,113	351	275	1,331	1,355	1,313
7	244	626	194	288	629	152	85	168	111	115	339	304	447
8	822	1,607	972	985	1,624	357	407	1,246	435	258	1,481	1,231	1,607
9	47	236	50	10	77	3	2	35	16	3	152	230	102
10	84	2	1	.....	1	84	193	.....	11	129	37	249	51
11	2,035	1,103	1,030	763	250	1,955	2,422	1,476	1,412	1,638	1,297	1,078	1,802
12	67.7	37.3	50.0	43.3	12.8	81.4	80.0	53.4	75.1	80.5	43.3	38.4	50.4
13	308,641	199,554	143,537	110,603	80,573	102,021	185,203	209,616	182,979	163,629	248,504	184,288	290,287
14	223,553	153,097	93,817	69,576	30,804	84,355	113,412	149,288	129,524	97,093	173,325	127,150	182,935
15	9,575,355	8,439,648	3,705,802	2,810,500	814,965	1,943,531	2,888,047	7,611,135	3,704,579	2,767,222	10,407,694	5,929,655	8,776,055
16	1,200	721	885	674	125	1,352	1,333	1,311	1,085	1,324	657	604	1,309
17	55	163	15	11	13	71	61	4	34	67	92	56	67
18	701	197	39	60	76	507	497	63	279	211	452	106	367
19	79	27	91	18	36	25	31	98	14	36	96	252	59
20	1,969	1,038	1,012	759	245	1,911	2,215	1,470	1,392	1,583	1,228	893	1,705
21	30	68	9	4	4	7	3	5	17	6	59	70	65
22	36	2	9	.....	1	37	204	.....	3	49	10	115	32
23	18	17	5	4	3	2	4	8	6	7	28	11	14
24	19,482	4,712	788	840	17,200	1,530	457	2,622	11,947	2,642	12,113	1,962	5,190
25	3,093	3,738	570	680	720	1,033	227	1,788	662	1,022	9,719	1,580	2,002
26	421,800	270,300	31,000	25,000	77,500	25,000	10,625	93,600	43,600	60,810	508,694	84,600	162,950
27	415	945	447	386	982	287	390	592	200	237	807	802	589
28	492	875	527	568	671	104	179	669	228	130	800	880	1,126
29	46	25	40	41	49	53	33	20	34	23	63	37	45
30	348	514	406	399	375	56	117	530	157	77	603	655	770
31	2,426,482	4,759,450	2,057,389	1,698,310	1,298,416	124,280	264,455	3,166,315	820,600	277,486	5,815,952	3,955,682	4,177,760
32	522,352	879,850	551,767	458,519	254,627	38,760	83,022	735,346	210,895	71,024	1,346,776	803,034	974,764
33	21.5	18.5	26.8	27.0	19.6	31.2	31.4	23.2	25.7	25.6	23.2	20.3	23.3

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

1	6,585	9,275	4,075	3,650	4,212	5,181	5,849	5,330	4,643	4,481	9,086	9,464	8,679
2	6,450	8,939	3,828	3,635	4,045	4,730	5,439	4,677	4,205	3,695	8,374	9,041	7,892
3	1,788,598	2,837,288	918,151	780,063	1,111,884	754,541	1,093,225	1,248,477	986,752	777,826	2,883,960	2,736,510	2,436,375
4	124,701	7,121	41,609	1,210	2,916	6,260	17,230	26,919	24,939	10,631	61,877	44,372	89,953
5	7,638	16,126	20	.....	4,680	214	.....	.....	1,732	10	32,297	26,834	9,980
6	3,325	104,539	702	.....	5,967	140	.....	.....	8,023	600	159,671	159,084	41,575
7	491,806	565,799	322,294	312,104	243,505	327,820	385,943	487,891	383,633	283,839	574,571	538,014	675,537
8	164,466	244,008	50,783	30,713	75,389	17,956	37,312	92,949	69,837	34,042	248,468	202,276	244,080
9	.....	.....	.....	10	490	.....	.....	.....	.....	4,534	1,330	750	750
10	.....	.....	.....	.....	370	.....	.....	.....	.....	4,434	1,060	620	620
11	150,606	157,805	80,655	61,044	51,864	70,512	82,334	117,312	89,184	57,285	192,739	162,619	174,433
12	77,546	94,965	21,797	6,461	19,952	5,452	10,875	27,657	24,422	9,554	122,862	97,348	84,325
13	245,889	402,306	145,170	136,271	139,246	89,566	139,500	204,855	160,489	92,044	406,798	313,520	285,711
14	60,220	142,935	30,969	29,749	30,554	19,605	39,756	50,111	43,885	25,051	121,330	86,960	82,336
15	652,138	1,413,470	318,601	263,653	335,390	259,028	399,766	496,672	382,401	242,309	1,047,157	942,952	829,317
16	253,951	909,767	103,463	69,946	157,826	72,413	124,143	164,449	116,294	93,337	588,019	572,612	415,990
17	190,383	422,618	91,155	68,627	84,323	66,070	108,707	134,880	106,118	59,091	335,620	282,242	227,856
18	67,766	212,859	28,822	18,451	31,865	17,662	33,965	42,509	33,362	20,634	153,233	123,647	99,871
19	1,958	4,310	180	130	50	5,706	2,592	948	2,178	1,316	3,633	459	239
20	5	30	.....	.....	40	.....	53	.....	.....	.....	5	10	10
21	303	880	34	23	10	933	481	171	427	192	650	92	50
22	.....	547	110	20	26	190	17	167	5	300	915	96	260
23	6	9	20	5	2	6	.....	20	.....	.....	1	259	6
24	10	785	237	32	54	129	26	399	8	300	787	307	343
25	1,721	1,940	1,249	1,633	1,674	1,851	1,973	1,512	1,718	1,165	1,735	1,970	2,385
26	32,248	17,175	13,610	4,513	9,180	7,593	8,607	5,963	28,655	14,558	17,357	12,863	11,927
27	2,269	3,057	916	899	1,221	703	1,147	1,554	1,710	1,031	4,445	1,969	2,047
28	66,718	59,061	31,548	12,275	20,787	15,527	14,347	21,780	21,652	16,490	61,100	42,031	34,015
29	3,759	800	107	.....	251	556	34	100	63	154	18,669	48	55
30	1,966,352	1,622,680	637,014	242,637	500,445	247,031	331,577	468,211	1,144,285	524,344	2,108,665	994,211	826,390
31	126,968	126,705	92,051	85,027	51,481	121,078	102,037	106,950	75,266	72,827	115,804	87,139	104,268

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

[Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

	Latimer.	Le Flore.	Lincoln.	Logan.	Love.	McClain.	McCurtain.	
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms.....	200	724	2,341	1,751	246	397	
2	Number of farms in 1900.....	<i>25.4</i>	<i>21.1</i>	<i>46.8</i>	<i>55.0</i>	<i>17.5</i>	<i>21.0</i>	
3	Per cent of all farms.....							
4	Per cent of all farms in 1900.....							
5	Land in farms..... acres.....	20,826	77,171	309,626	263,139	53,659	60,503	
6	Improved land in farms..... acres.....	7,768	37,028	162,857	161,438	22,843	39,343	
7	Value of land and buildings..... dollars.....	311,100	1,289,823	7,825,673	8,577,367	824,295	1,535,320	
8	Degree of ownership:							
9	Farms consisting of owned land only.....	170	541	1,970	1,433	158	295	
10	Farms consisting of owned and hired land.....	30	183	365	318	88	102	
11	Color and nativity of owners:							
12	Native white.....	130	535	1,914	1,230	142	312	
13	Foreign-born white.....	3	4	195	153	6	6	
14	Negro and other nonwhite.....	67	185	232	303	104	79	
15	<b>FARMS OPERATED BY TENANTS</b>							
16	Number of farms.....	580	2,706	2,642	1,422	1,159	1,488	
17	Number of farms in 1900.....	<i>74.6</i>	<i>78.8</i>	<i>52.8</i>	<i>44.6</i>	<i>82.3</i>	<i>78.7</i>	
18	Per cent of all farms.....							
19	Per cent of all farms in 1900.....							
20	Land in farms..... acres.....	27,348	102,978	284,586	183,873	93,384	162,795	
21	Improved land in farms..... acres.....	16,274	83,062	158,315	110,256	73,999	125,487	
22	Value of land and buildings..... dollars.....	374,828	1,927,071	6,423,790	5,245,561	1,602,137	4,087,938	
23	Form of tenancy:							
24	Share tenants.....	335	1,712	1,717	996	851	1,126	
25	Share-cash tenants.....	33	104	90	89	24	23	
26	Cash tenants.....	210	840	610	250	184	320	
27	Tenure not specified.....	8	50	225	87	100	14	
28	Color and nativity of tenants:							
29	Native white.....	569	2,536	2,162	941	1,053	1,438	
30	Foreign-born white.....	2	9	79	32	4	11	
31	Negro and other nonwhite.....	15	161	401	440	102	39	
32	<b>FARMS OPERATED BY MANAGERS</b>							
33	Number of farms.....		3	18	13	3	6	
34	Number of farms in 1900.....							
35	Land in farms..... acres.....		439	2,715	2,469	5,790	1,420	
36	Improved land in farms..... acres.....		167	1,274	1,519	1,255	1,110	
37	Value of land and buildings..... dollars.....		7,900	109,445	78,137	76,400	40,900	
38	<b>MORTGAGE DEBT REPORTS <sup>1</sup></b>							
39	For all farms operated by owners:							
40	Number free from mortgage debt.....	170	561	895	843	114	191	
41	Number with mortgage debt.....	26	143	1,390	876	116	190	
42	Number with no mortgage report.....	4	20	56	32	16	16	
43	For farms consisting of owned land only:							
44	Number reporting debt and amount.....	15	75	1,088	676	60	130	
45	Value of their land and buildings..... dollars.....	43,860	136,770	3,473,967	3,126,855	225,735	453,645	
46	Amount of mortgage debt..... dollars.....	9,708	39,790	1,029,328	704,940	58,681	129,877	
47	Per cent of value of land and buildings.....	22.1	29.1	29.6	22.5	26.0	28.3	

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1	Dairy cows on farms reporting dairy products.....	number.....	1,877	7,361	11,263	8,844	3,179	
2	Dairy cows on farms reporting milk produced.....	number.....	1,852	7,217	10,544	8,599	3,179	
3	Milk—Produced.....	gallons.....	298,064	1,290,273	3,016,302	2,638,820	622,279	
4	Sold.....	gallons.....	1,770	17,702	23,348	80,146	3,440	
5	Cream sold.....	gallons.....			18,913	19,289	32	
6	Butter fat sold.....	pounds.....		405	142,266	138,282	350	
7	Butter—Produced.....	pounds.....	110,833	443,056	605,775	524,322	207,706	
8	Sold.....	pounds.....	12,373	40,653	228,113	223,266	14,266	
9	Cheese—Produced.....	pounds.....				250		
10	Sold.....	pounds.....					50	
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	27,253	93,929	181,399	170,117	42,755	
12	Receipts from sale of dairy products.....	dollars.....	3,218	14,040	92,183	109,445	3,643	
13	<b>Poultry Products</b>							
14	Poultry—Raised.....	number.....	29,034	113,623	369,659	291,175	71,578	
15	Sold.....	number.....	6,867	24,291	94,953	76,616	17,572	
16	Eggs—Produced.....	dozens.....	77,112	337,923	970,872	836,153	151,657	
17	Sold.....	dozens.....	25,293	97,512	479,944	411,462	41,462	
18	Value of poultry and eggs produced.....	dollars.....	20,823	82,524	291,510	246,104	39,232	
19	Receipts from sale of poultry and eggs.....	dollars.....	6,429	23,303	123,540	112,786	11,395	
20	<b>Honey and Wax</b>							
21	Honey produced.....	pounds.....	2,629	8,019	2,313	3,371	820	
22	Wax produced.....	pounds.....	4	71	5	2	2	
23	Value of honey and wax produced.....	dollars.....	410	1,414	452	704	118	
24	<b>Wool, Mohair, and Goat Hair</b>							
25	Wool, fleeces shorn.....	number.....	385	281	206	144	130	
26	Mohair and goat hair, fleeces shorn.....	number.....	2	60	396	165	2	
27	Value of wool and mohair produced.....	dollars.....	307	323	456	319	195	
28	<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>							
29	Calves—Sold or slaughtered.....	number.....	495	2,459	4,964	2,460	1,533	
30	Other cattle—Sold or slaughtered.....	number.....	2,534	11,006	12,333	11,086	8,991	
31	Horses, mules, and asses and burros—Sold.....	number.....	116	787	2,889	2,576	827	
32	Swine—Sold or slaughtered.....	number.....	3,491	18,368	26,871	33,029	11,394	
33	Sheep and goats—Sold or slaughtered.....	number.....	133	289	573	573	9	
34	Receipts from sale of animals.....	dollars.....	61,791	292,494	741,096	846,762	311,278	
35	Value of animals slaughtered.....	dollars.....	24,837	145,522	151,103	96,564	63,192	

AGRICULTURE—OKLAHOMA.

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

between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparisons for the counties.]

	McIntosh.	Major.	Marshall.	Mayes.	Murray.	Muskogee.	Noble.	Nowata.	Okfuskee.	Oklahoma.	Oklmulgee.	Osage.	Ottawa.
1	647	1,745	294	782	208	1,060	1,097	577	404	1,400	402	187	590
2													
3	23.2	70.7	19.5	43.3	17.1	33.2	53.9	43.9	16.3	49.3	21.1	9.6	35.5
4													
5	70,320	393,459	44,972	117,736	41,621	142,319	225,509	112,478	56,001	207,010	65,559	73,870	84,176
6	37,925	204,912	28,849	70,835	19,181	82,187	143,837	73,892	26,670	129,756	30,421	24,044	59,283
7	1,462,593	9,167,391	861,871	2,896,600	960,415	4,568,591	7,700,395	2,476,611	959,120	13,901,510	1,855,533	1,572,470	2,527,703
8	544	1,166	192	633	164	839	804	423	342	1,150	322	177	368
9	103	579	102	149	44	221	293	154	62	241	80	10	192
10	300	1,474	223	433	100	452	821	239	216	1,008	172	107	384
11	6	255	1	9	3	19	223	5	5	231	10	8	14
12	341	16	70	340	45	589	53	333	183	161	220	72	192
13	2,136	716	1,214	1,020	1,007	2,119	916	732	2,071	1,404	1,501	1,734	1,067
14													
15	76.7	29.0	80.5	56.4	82.7	66.4	45.0	55.7	83.6	49.5	78.8	89.2	64.2
16													
17	164,174	130,340	107,702	108,335	116,828	176,620	198,913	127,695	176,093	182,435	269,150	630,785	116,181
18	114,163	73,233	89,829	78,412	60,879	134,086	113,885	84,514	105,057	122,806	102,059	242,269	81,109
19	3,297,024	2,935,858	2,095,155	2,625,957	2,147,548	6,509,225	5,174,020	2,329,635	2,559,632	11,428,576	4,547,170	8,731,765	3,117,421
20	1,809	453	1,050	761	850	1,728	536	515	1,374	777	955	618	551
21	36	54	17	36	38	69	53	43	39	60	63	22	105
22	252	149	67	134	90	262	284	99	551	473	444	841	262
23	89	60	80	89	29	60	43	75	107	94	39	253	149
24	1,577	646	1,173	942	980	1,488	801	624	1,209	1,035	877	1,667	1,019
25	4	65	5	7	21	21	85	5	14	111	12	35	28
26	555	5	26	71	27	610	30	103	848	258	612	82	20
27	2	8	1	6	3	13	22	6	3	35	1	24	4
28													
29	393	2,440	325	1,375	21,800	1,952	6,207	9,020	734	6,330	160	30,995	10,680
30	298	910	325	825	1,249	1,249	3,656	7,560	104	4,623	25	13,000	600
31	107,200	58,400	6,000	42,675	48,050	102,400	248,300	116,400	67,400	947,050	2,000	333,700	13,980
32	451	899	198	535	128	687	482	391	227	690	279	149	360
33	167	836	91	208	62	304	580	163	133	679	107	15	198
34	29	10	5	39	18	69	35	23	44	31	16	23	32
35	101	537	44	144	35	176	408	100	78	528	62	10	100
36	262,501	2,609,205	174,926	489,899	191,795	621,283	2,560,485	351,705	193,798	4,027,765	257,520	79,000	473,685
37	77,982	524,195	41,700	102,552	36,595	125,216	611,583	70,786	71,218	647,890	58,025	12,802	75,508
38	29.7	20.1	23.8	20.9	19.1	20.2	23.9	20.1	36.8	18.1	22.5	16.0	15.9

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

1	3,875	8,022	2,967	2,001	2,166	6,529	7,254	2,586	3,143	7,805	3,327	4,493	3,497
2	3,671	6,745	2,801	2,059	2,069	5,677	6,836	1,839	3,061	7,401	2,669	4,480	3,442
3	789,549	1,862,350	650,686	388,850	588,150	1,061,445	2,128,392	315,101	861,190	2,300,433	602,712	964,211	849,745
4	11,675	28,838	10,315	13,050	45,475	186,367	6,405	49,612	12,437	573,925	10,487	74,168	18,554
5	365	15,951	248	625	3,485	1,930	36,572	2,000	7,192	1,902	2,593	2,868	2,868
6	75	234,277	2,432	1,854	1,380	182,229	1,600	1,600	8,159	3,305	6,670	6,016	6,016
7	287,647	403,977	247,026	141,220	195,773	314,015	288,179	110,737	237,207	536,692	194,487	210,243	207,334
8	27,961	152,310	19,025	21,685	41,002	48,032	80,524	59,110	39,377	285,269	53,738	53,646	62,852
9		10				172				1,226			
10										1,166			
11	62,136	141,353	50,783	31,526	59,051	111,456	124,483	35,425	46,862	250,160	51,014	67,347	50,208
12	9,136	94,015	6,440	8,318	23,047	53,034	80,490	24,458	10,626	191,170	18,917	32,942	20,208
13	110,397	275,258	98,089	99,106	60,343	144,306	230,950	79,049	102,719	233,592	78,240	144,552	116,477
14	27,083	65,895	24,150	27,831	15,937	37,418	58,337	22,401	20,377	66,366	21,399	30,365	36,260
15	294,296	723,541	305,393	278,359	148,685	372,439	737,278	234,617	239,732	726,939	231,228	430,204	390,658
16	106,605	429,300	103,664	168,754	56,962	139,259	445,103	124,391	66,731	392,398	101,124	165,686	223,473
17	84,886	203,312	62,619	85,625	40,145	113,960	190,112	73,519	61,242	238,044	75,289	133,213	117,868
18	27,704	90,489	20,217	39,075	14,079	38,990	89,254	32,871	16,265	105,997	28,659	43,583	54,882
19	3,620	210	400	887	1,341	1,760	235	177	361	4,828	335	199	1,957
20				59	7	15			2	45		3	21
21	510	37	73	131	194	323	45	35	75	861	58	41	360
22		153		470	28	80	167	90	4	8			319
23		254								107		225	20
24		351		288	24	84	217	91	7	62		126	405
25	1,450	3,090	1,245	1,623	972	1,807	1,342	1,510	1,087	2,640	744	1,665	1,094
26	4,089	15,659	5,602	10,363	9,707	12,813	10,701	13,118	7,040	7,116	22,676	65,447	7,093
27	812	1,777	663	810	549	1,276	1,908	629	745	1,284	721	1,557	1,111
28	11,303	40,780	17,380	21,579	9,730	16,945	27,001	9,288	6,748	25,789	10,281	30,903	26,527
29	3	250	10	653	10	59	129	85	105	99		591	547
30	209,549	936,177	299,490	568,197	406,069	608,595	827,794	536,012	262,365	595,973	789,713	2,763,098	569,319
31	80,970	82,341	83,702	53,895	46,597	104,076	75,330	41,919	62,166	87,777	48,587	78,337	62,024



TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE AND COLOR AND  
[Comparative data for June 1, 1900, for Oklahoma and Indian Territory combined are given in italics. The changes in county boundaries

	Pawnee.	Payne.	Pittsburg.	Pontotoc.	Pottawatomie.	Pushmataha.	Roger Mills.	
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms.....	1,040	1,556	685	585	2,251	278	2,077
2	Number of farms in 1900.....							
3	Per cent of all farms.....	47.0	49.1	25.4	21.5	47.4	30.6	80.1
4	Per cent of all farms in 1900.....							
5	Land in farms..... acres.....	170,457	233,023	123,744	85,277	239,822	43,252	461,237
6	Improved land in farms..... acres.....	102,987	141,595	46,734	40,022	132,417	12,802	230,954
7	Value of land and buildings..... dollars.....	4,294,073	7,123,181	2,148,403	1,474,901	7,159,826	500,258	6,038,312
8	Degree of ownership:							
9	Farms consisting of owned land only.....	783	1,214	618	456	1,801	257	1,391
10	Farms consisting of owned and hired land.....	257	342	67	129	450	21	686
11	Color and nativity of owners:							
12	Native white.....	908	1,426	486	442	1,997	174	2,004
13	Foreign-born white.....	62	98	23	12	97	1	57
14	Negro and other nonwhite.....	70	32	170	131	157	103	16
<b>FARMS OPERATED BY TENANTS</b>								
15	Number of farms.....	1,161	1,600	2,005	2,137	2,494	630	511
16	Number of farms in 1900.....							
17	Per cent of all farms.....	52.4	50.5	74.2	78.5	52.5	69.4	19.7
18	Per cent of all farms in 1900.....							
19	Land in farms..... acres.....	102,956	188,425	124,039	155,878	205,476	37,362	99,895
20	Improved land in farms..... acres.....	94,350	118,903	88,198	107,370	128,804	21,202	50,175
21	Value of land and buildings..... dollars.....	3,439,525	5,230,925	2,222,964	2,682,693	6,091,484	432,250	1,513,545
22	Form of tenancy:							
23	Share tenants.....	481	887	1,444	1,557	1,852	413	344
24	Share-cash tenants.....	55	65	26	65	73	61	20
25	Cash tenants.....	494	581	336	244	536	72	80
26	Tenure not specified.....	131	67	199	271	33	84	67
27	Color and nativity of tenants:							
28	Native white.....	1,044	1,418	1,887	2,078	2,310	605	508
29	Foreign-born white.....	26	40	14	5	40	2	3
30	Negro and other nonwhite.....	91	142	104	54	144	23	
<b>FARMS OPERATED BY MANAGERS</b>								
31	Number of farms.....	14	14	11		7		4
32	Number of farms in 1900.....							
33	Land in farms..... acres.....	3,672	2,564	1,689		2,075		1,680
34	Improved land in farms..... acres.....	1,153	1,600	891		673		1,040
35	Value of land and buildings..... dollars.....	61,800	104,900	30,235		116,500		36,000
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
36	For all farms operated by owners:							
37	Number free from mortgage debt.....	458	687	435	374	1,006	215	1,072
38	Number with mortgage debt.....	540	857	220	183	1,230	85	988
39	Number with no mortgage report.....	42	12	30	28	15	28	17
40	For farms consisting of owned land only:							
41	Number reporting debt and amount.....	387	614	168	123	903	25	628
42	Value of their land and buildings..... dollars.....	1,471,320	2,687,895	691,130	346,195	2,682,553	44,370	2,150,200
43	Amount of mortgage debt..... dollars.....	381,114	676,604	136,627	96,180	761,723	13,631	507,245
44	Per cent of value of land and buildings.....	25.9	25.2	19.8	27.8	28.4	30.7	23.6

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1	Dairy cows on farms reporting dairy products..... number.....	6,347	10,264	6,956	5,214	8,142	1,643	6,049
2	Dairy cows on farms reporting milk produced..... number.....	4,621	8,942	6,770	4,931	7,555	1,501	6,042
3	Milk—Produced..... gallons.....	1,468,799	2,678,619	1,134,396	1,069,818	2,473,570	255,782	1,392,855
4	Sold..... gallons.....	20,741	28,229	87,527	53,172	120,422	1,925	1,988
5	Cream sold..... gallons.....	5,291	30,521	4,060	1,040	1,590		1,569
6	Butter fat sold..... pounds.....	192,764	327,408	1,150	25	3,526		6,500
7	Butter—Produced..... pounds.....	305,407	411,790	349,618	412,917	800,391	84,604	339,540
8	Sold..... pounds.....	116,536	127,359	46,213	61,125	250,781	8,874	72,718
9	Cheese—Produced..... pounds.....	80			420	200		595
10	Sold..... pounds.....	80						105
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	109,535	182,155	102,486	105,087	194,806	19,054	64,355
12	Receipts from sale of dairy products..... dollars.....	72,913	124,897	32,647	24,948	83,719	2,476	15,996
<b>Poultry Products</b>								
13	Poultry—Raised..... number.....	195,513	313,923	127,507	128,644	294,226	30,280	178,740
14	Sold..... number.....	56,299	79,398	33,305	36,339	85,792	6,831	41,293
15	Eggs—Produced..... dozens.....	587,397	888,875	342,596	444,880	898,667	50,130	407,346
16	Sold..... dozens.....	327,669	518,968	127,929	164,804	437,104	11,608	144,262
17	Value of poultry and eggs produced..... dollars.....	164,615	249,011	103,644	109,322	237,155	14,746	115,591
18	Receipts from sale of poultry and eggs..... dollars.....	76,534	111,681	36,212	39,019	101,538	3,407	36,618
<b>Honey and Wax</b>								
19	Honey produced..... pounds.....	1,617	6,988	3,224	3,031	8,097	2,162	125
20	Wax produced..... pounds.....		62	9	24	51	134	
21	Value of honey and wax produced..... dollars.....	314	1,354	611	527	1,286	363	28
<b>Wool, Mohair, and Goat Hair</b>								
22	Wool, fleeces shorn..... number.....	553	774	830	30	150	172	335
23	Mohair and goat hair, fleeces shorn..... number.....	285	74	30		1	16	37
24	Value of wool and mohair produced..... dollars.....	1,007	1,143	628	30	425	92	483
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25	Calves—Sold or slaughtered..... number.....	2,313	3,121	3,346	1,658	2,999		2,575
26	Other cattle—Sold or slaughtered..... number.....	12,650	9,003	17,832	10,752	9,152	3,054	14,285
27	Horses, mules, and asses and burros—Sold..... number.....	1,722	2,347	904	687	2,448	106	1,524
28	Swine—Sold or slaughtered..... number.....	34,437	30,195	13,952	14,890	23,533	5,605	44,918
29	Sheep and goats—Sold or slaughtered..... number.....	700	666	710	162	187	539	83
30	Receipts from sale of animals..... dollars.....	888,201	789,858	523,076	361,694	554,497	82,629	796,025
31	Value of animals slaughtered..... dollars.....	70,546	99,866	85,001	100,506	187,935	30,731	93,719

AGRICULTURE—OKLAHOMA.

NATIVITY OF FARMERS, AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.  
between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparisons for the counties.]

	Rogers.	Seminole.	Sequoyah.	Stephens.	Texas.	Tillman.	Tulsa.	Wagoner.	Washington.	Washita.	Woods.	Woodward.
1	740	499	929	867	2,786	1,315	480	588	259	2,069	2,037	2,079
2	41.4	17.4	28.1	29.9	92.1	53.1	25.3	21.7	32.2	55.3	76.6	76.2
3	171,049	54,635	83,625	161,214	689,122	242,702	79,312	87,316	44,605	367,268	520,614	494,854
4	98,893	24,208	45,121	92,203	414,542	183,429	47,187	54,830	30,479	234,786	266,110	321,115
5	3,440,048	770,987	1,492,422	3,957,686	8,909,285	9,398,954	2,690,019	2,360,311	1,121,146	12,044,237	10,636,828	8,998,022
6	533	443	779	668	2,026	1,027	366	476	215	1,026	1,512	1,366
7	207	56	150	199	760	283	114	112	44	443	625	713
8	402	166	531	822	2,562	1,244	331	228	161	1,729	1,838	1,949
9	13	1	1	21	223	6	15	12	4	325	199	126
10	325	333	397	24	1	66	134	345	94	15	.....	4
11	1,038	2,376	2,370	2,032	233	1,159	1,412	2,116	544	1,057	614	632
12	58.1	82.6	71.8	70.0	7.7	46.8	74.3	78.0	67.6	44.3	23.1	23.2
13	140,147	185,485	107,171	218,022	55,266	186,331	180,653	180,045	77,691	240,519	130,967	127,318
14	87,425	112,137	88,291	153,689	39,434	143,265	115,580	142,674	49,365	157,894	85,433	88,707
15	2,852,935	2,408,099	2,126,427	4,883,747	831,715	6,916,226	4,931,772	4,991,732	1,068,650	7,288,155	3,498,089	2,463,166
16	729	1,449	1,984	1,538	130	910	793	1,604	264	1,310	473	443
17	43	59	54	52	12	28	111	21	21	35	25	33
18	143	732	224	363	38	200	484	365	172	267	109	112
19	123	136	108	79	53	21	24	31	87	42	7	44
20	978	1,890	2,046	2,006	202	1,136	1,286	1,164	515	1,526	582	614
21	17	16	4	18	31	13	21	15	12	124	32	18
22	43	470	320	8	.....	10	105	937	17	7	.....	.....
23	8	.....	3	3	7	4	8	9	2	14	9	19
24	1,365	.....	103	1,075	3,995	820	4,660	2,610	100	6,032	4,350	7,761
25	1,012	.....	66	255	2,380	496	1,903	2,060	20	2,032	2,460	6,036
26	23,650	.....	5,424	15,000	51,100	19,500	103,800	101,900	4,400	207,500	111,200	127,946
27	490	359	675	379	2,243	535	234	327	176	895	1,225	1,047
28	226	89	223	471	532	754	179	206	69	1,152	800	1,000
29	24	51	31	17	11	26	67	55	14	22	12	32
30	137	58	155	333	348	532	99	138	45	864	557	628
31	513,789	88,795	273,981	1,041,682	1,174,865	3,433,765	442,790	654,805	128,146	4,745,445	2,631,690	2,607,720
32	96,697	24,717	86,094	465,282	225,576	805,781	85,500	120,236	35,486	1,013,817	514,301	488,085
33	17.7	27.8	31.4	28.3	19.2	23.5	19.3	18.4	27.7	21.4	19.5	18.7

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

1	3,456	4,762	5,660	6,189	4,768	4,716	3,934	3,967	1,227	10,791	7,147	8,385
2	3,173	4,560	4,130	5,917	4,396	4,565	3,828	3,588	1,113	10,664	6,140	7,881
3	794,024	940,692	961,722	1,387,526	1,410,557	1,358,983	1,002,838	745,662	244,049	2,750,256	1,840,640	2,022,130
4	43,528	4,232	6,653	6,040	21,862	27,392	205,504	36,554	34,639	10,650	69,682	43,316
5	278	170	.....	1,770	210	210	2,015	2,215	140	28,244	10,538	26,823
6	3,888	658	40	1,350	2,357	300	1,961	1,901	350	127,102	93,835	82,054
7	216,157	296,323	361,696	454,591	350,910	396,748	190,453	214,754	57,981	617,041	405,317	419,771
8	68,647	41,158	23,646	76,298	123,128	103,268	65,369	47,163	25,079	166,956	186,015	139,934
9	100	.....	.....	.....	850	350	.....	.....	.....	100	.....	1,250
10	100	.....	.....	.....	850	200	.....	.....	.....	.....	.....	.....
11	59,508	57,707	76,546	91,382	78,298	96,715	89,452	60,757	21,484	171,969	117,601	129,629
12	28,154	9,010	5,998	17,035	32,631	29,533	61,063	21,138	13,979	79,716	75,910	74,473
13	122,793	109,661	123,574	193,494	162,712	179,064	130,886	144,641	59,034	327,642	312,856	234,170
14	34,545	28,171	28,382	45,496	47,639	42,558	37,066	39,012	10,099	80,263	77,060	58,478
15	439,433	285,709	229,076	491,380	586,885	557,272	373,106	368,563	168,230	918,039	845,324	716,639
16	232,351	119,184	98,971	172,590	282,435	199,655	182,644	174,635	91,196	477,679	494,931	375,952
17	119,691	70,892	65,969	130,648	139,975	155,468	128,333	112,450	55,463	247,899	245,672	190,569
18	53,691	26,394	18,552	40,967	60,808	52,214	53,223	41,994	25,376	102,999	107,493	81,039
19	920	1,502	4,492	210	.....	184	810	1,125	150	240	60	85
20	.....	10	.....	4	.....	.....	10	37	.....	.....	.....	.....
21	181	201	643	25	.....	35	131	188	24	38	8	17
22	22	10	368	307	911	134	47	.....	.....	132	63	334
23	200	13	8	.....	.....	.....	32	.....	.....	.....	6	75
24	76	27	268	210	883	273	114	.....	.....	252	90	489
25	1,273	1,225	2,035	1,211	1,342	1,092	940	1,097	276	2,698	2,824	3,577
26	10,821	7,453	10,187	15,366	6,139	5,796	12,794	10,718	3,649	13,448	17,260	15,554
27	1,402	894	922	1,385	1,402	1,430	785	1,158	377	2,048	1,556	2,009
28	23,026	8,915	14,280	35,217	15,890	27,228	15,938	14,925	7,265	44,671	30,319	43,411
29	236	4	252	315	1,006	11	51	10	10	754	342	370
30	746,533	257,355	290,403	856,352	336,929	569,539	653,711	543,036	206,500	922,694	823,328	902,610
31	70,523	81,396	105,147	113,927	73,510	87,891	50,824	73,845	21,653	154,014	90,380	81,038

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

		THE STATE.	Adair.	Alfalfa.	Atoka.	Beaver.	Beckham.
<b>VALUE OF ALL CROPS</b>							
1	Total.....	dollars.. 133,454,405	368,848	3,314,944	566,596	1,443,281	1,529,175
2	Cereals.....	dollars.. 71,798,662	245,621	2,850,629	244,450	773,043	632,903
3	Other grains and seeds.....	dollars.. 300,026	655	23,026	606	5,595	8,570
4	Hay and forage.....	dollars.. 9,638,648	26,227	354,828	21,173	209,468	139,754
5	Vegetables.....	dollars.. 4,210,814	31,512	62,786	34,309	33,143	25,805
6	Fruits and nuts.....	dollars.. 1,330,091	17,426	3,605	8,040	1,543	1,914
7	All other crops.....	dollars.. 46,176,224	47,407	14,070	258,018	420,489	825,139
<b>SELECTED CROPS (acres and quantity)</b>							
8	<b>Cereals:</b>						
9	Total.....	acres.. 8,248,653	27,538	252,056	33,330	166,565	90,306
10	Corn.....	bushels.. 129,816,483	452,371	4,000,703	469,732	1,047,403	912,545
11	Oats.....	acres.. 5,914,069	20,407	128,578	32,125	25,761	56,900
12	Wheat.....	bushels.. 94,283,407	332,845	1,791,947	439,043	115,487	496,695
13	Emmer and spelt.....	acres.. 609,373	3,953	9,514	1,036	5,731	10,466
14	Barley.....	bushels.. 16,606,154	85,178	387,967	28,881	71,463	165,842
15	Rye.....	acres.. 1,169,420	3,170	106,337	72	64,893	11,174
16	Kafir corn and milo maize.....	bushels.. 14,068,334	34,256	1,718,578	540	446,171	123,680
17	Other grains:	acres.. 8,659	5	5	5	3,562	18
18	Dry peas.....	bushels.. 94,580	200	200	200	44,160	220
19	Peanuts.....	acres.. 10,283	1,407	1,407	1,407	2,816	60
20	Hay and forage:	bushels.. 127,641	25,542	25,542	25,542	28,496	686
21	Total.....	acres.. 4,291	13	13	13	85	62
22	All tame or cultivated grasses.....	bushels.. 37,240	90	90	90	767	439
23	Timothy alone.....	acres.. 532,515	7	6,142	116	63,727	11,026
24	Timothy and clover mixed.....	bushels.. 4,658,752	82	76,379	1,148	340,859	124,983
25	Other grains:	acres.. 6,245	30	302	21	18	214
26	Dry peas.....	bushels.. 33,282	196	2,224	221	123	1,216
27	Peanuts.....	acres.. 1,564	11	11	11	7	17
28	Hay and forage:	bushels.. 31,880	253	253	253	92	121
29	Total.....	acres.. 1,347,598	2,872	28,205	4,425	52,129	17,419
30	All tame or cultivated grasses.....	tons.. 1,417,533	2,803	44,914	3,698	41,861	16,737
31	Timothy alone.....	acres.. 310,110	2,181	13,983	104	3,099	6,478
32	Timothy and clover mixed.....	tons.. 493,867	2,108	25,951	161	3,814	6,173
33	Clover alone.....	acres.. 9,699	974	12	12	12	12
34	Alfalfa.....	tons.. 9,817	883	6	6	6	6
35	Millet or Hungarian grass.....	acres.. 6,955	645	10	10	10	16
36	Wild, salt, or prairie grasses.....	tons.. 6,355	626	10	10	10	15
37	Grains cut green.....	acres.. 1,719	288	10	10	10	10
38	Coarse forage.....	tons.. 2,214	325	10	10	10	10
39	Alfalfa.....	acres.. 206,823	87	13,444	19	2,587	4,347
40	Millet or Hungarian grass.....	tons.. 321,675	117	25,095	31	2,841	4,425
41	Wild, salt, or prairie grasses.....	acres.. 65,819	117	448	63	1,044	1,964
42	Grains cut green.....	tons.. 75,591	120	747	108	895	1,504
43	Coarse forage.....	acres.. 695,176	606	8,370	4,082	7,082	2,358
44	Special crops:	acres.. 607,120	617	7,528	3,150	7,292	2,293
45	Potatoes.....	tons.. 24,988	62	16	34	1,130	633
46	Sweet potatoes and yams.....	acres.. 23,721	60	75	28	987	348
47	All other vegetables.....	acres.. 317,317	23	5,776	205	39,621	7,950
48	Cotton.....	tons.. 352,814	18	11,300	359	29,768	7,923
49	Cane sorghum.....	acres.. 32,295	270	459	170	246	172
50	Sirup (made).....	bushels.. 1,897,486	14,081	28,738	12,047	10,715	6,505
51	Broom corn.....	acres.. 5,056	45	8	70	25	46
52	Orchard fruits:	bushels.. 359,451	1,730	1,133	4,128	1,380	3,202
53	Total.....	acres.. 51,011	323	942	382	504	588
54	Apples.....	acres.. 1,976,935	1,121	3	13,198	165	47,925
55	Peaches and nectarines.....	bales.. 555,742	375	2	2,058	29	9,618
56	Pears.....	acres.. 25,546	166	128	283	18	9,110
57	Plums and prunes.....	tons.. 64,599	380	844	563	28	459
58	Cherries.....	gallons.. 514,807	4,820	5,834	5,834	28	3,800
59	Grapes.....	acres.. 216,350	1	602	41,416	8,551	8,551
60	Total.....	pounds.. 42,741,725	800	154,000	7,308,131	1,776,082	1,776,082
61	<b>FRUITS AND NUTS</b>						
62	Total.....	trees.. 8,880,445	62,319	287,416	22,071	38,410	118,140
63	Apples.....	bushels.. 1,137,288	26,059	6,338	6,338	613	33
64	Peaches and nectarines.....	trees.. 2,955,810	39,311	64,152	5,757	3,732	11,869
65	Pears.....	bushels.. 742,182	22,622	95	2,352	4	2
66	Plums and prunes.....	trees.. 4,783,825	21,645	150,123	14,425	31,057	89,146
67	Cherries.....	bushels.. 357,644	3,259	145	3,791	558	31
68	Grapes.....	trees.. 207,271	113	6,962	448	484	1,937
69	Small fruits:	bushels.. 7,450	7	5	63	19	19
70	Total.....	trees.. 439,421	1,052	21,989	1,285	1,041	10,041
71	Strawberries.....	bushels.. 25,916	156	12	126	19	19
72	Blackberries and dewberries.....	trees.. 295,642	194	20,914	134	1,403	3,341
73	Grapes.....	bushels.. 2,372	15	11	6	13	13
74	Total.....	vines.. 2,388,213	213	88,238	1,743	3,560	38,150
75	Small fruits:	pounds.. 3,762,727	300	70,360	4,820	1,280	27,135
76	Total.....	acres.. 2,745	17	12	9	10	13
77	Strawberries.....	quarts.. 2,310,367	10,757	7,544	13,344	8,349	7,412
78	Blackberries and dewberries.....	acres.. 825	11	4	4	2	2
79	Nuts:	acres.. 830,404	8,987	105	3,500	350	20
80	Total.....	quarts.. 1,366,497	1,130	10	5	2	13
81	Pecans.....	trees.. 128,431	6	2,563	193	116	400
82	Walnuts.....	pounds.. 1,019,238	100	1,720	300	300	80
83	Other nuts.....	trees.. 96,756	2	2	2	2	2
	Total.....	pounds.. 864,172	1,020	1,020	1,020	1,020	1,020

TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor.....	Farms reporting.....	73,126	255	1,452	476	1,600	1,163
2	Cash expended.....	dollars.. 7,063,617	14,128	218,703	34,882	138,052	83,221	
3	Rent and board furnished.....	dollars.. 1,873,924	2,085	50,946	11,453	32,269	13,129	
4	Fertilizer.....	Farms reporting.....	272	3	2	7	3	
5	Amount expended.....	dollars.. 29,092	31	20	20	291	325	
6	Feed.....	Farms reporting.....	62,540	376	866	696	834	
7	Amount expended.....	dollars.. 5,863,373	17,581	113,014	41,676	148,616	65,576	
8	Receipts from sale of feedable crops.....	dollars.. 16,430,110	23,238	307,178	60,956	23,911	95,509	

AGRICULTURE—OKLAHOMA.

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

	Blaine.	Bryan.	Caddo.	Canadian.	Carter.	Cherokee.	Choctaw.	Cimarron.	Cleveland.	Coal.	Comanche.	Craig.
1	1,828,824	1,929,433	3,411,212	2,779,531	1,334,112	732,262	843,615	289,055	2,088,367	433,992	4,100,512	1,408,281
2	1,539,881	911,667	2,047,474	2,144,731	470,936	278,558	374,228	82,653	927,570	167,731	1,727,276	1,090,206
3	4,559	757	7,617	11,059	1,717	449	4,629	8,733	4,186	44	6,438	4,094
4	108,215	36,207	180,321	318,652	35,119	16,156	44,168	127,369	103,439	21,159	198,316	228,838
5	38,385	51,094	108,880	112,751	44,330	29,075	53,645	15,825	57,748	25,451	87,992	52,435
6	3,810	22,502	31,867	45,582	12,915	14,896	4,789	239	69,439	6,478	34,907	8,691
7	134,074	907,206	1,035,057	146,756	769,095	393,128	362,156	54,831	920,015	213,129	2,045,523	14,017
8	184,849	117,409	285,080	234,447	61,560	33,771	39,822	26,470	84,086	26,103	221,669	121,172
9	2,422,543	1,812,048	3,941,138	4,111,156	936,644	548,549	712,766	132,116	1,877,744	321,870	3,370,528	2,223,456
10	107,133	105,575	262,120	161,693	60,178	28,309	38,572	2,216	74,166	24,732	201,109	104,091
11	1,177,428	1,527,525	3,490,455	2,274,959	908,032	433,086	685,723	13,917	1,616,050	281,204	3,092,311	1,805,050
12	16,269	11,620	7,384	42,153	1,223	3,704	1,194	879	7,334	1,248	9,434	12,601
13	444,362	282,044	216,608	1,403,592	26,517	95,659	26,993	10,869	224,174	39,410	153,594	372,460
14	52,090	115	9,760	27,449	120	1,743	48	2,496	1,213	95	5,948	2,903
15	703,360	1,345	162,990	397,737	1,355	19,676	464	11,690	18,230	944	65,357	36,206
16	122	3	22					20			163	20
17	3,220	52	210					229			2,007	429
18	122	4	13	250				20	11		41	20
19	1,885	40	290	5,174				82	240		280	302
20	584		147	75	2			95			108	
21	5,174		1,369	580	30			566			692	
22	7,920	83	5,614	2,827	37			11			4,875	571
23	87,114	1,040	60,214	29,114	710			95	186		56,287	8,910
24	70	31	455	39	39			63			118	42
25	236	327	1,738	139	301			189			627	284
26	12	15	28	14	55			112			34	
27	289	258	534	219	1,119			1			3,184	
28	14,050	8,434	25,540	29,722	3,782	2,319	5,523	28,676	9,974	5,583	35,771	56,003
29	19,646	4,855	20,712	31,197	3,618	2,883	5,961	14,601	11,375	4,079	25,357	57,764
30	5,721	825	6,375	11,267	1,106	441	439	3,428	3,632	169	5,178	2,410
31	5,707	707	6,931	18,014	1,067	599	566	2,555	6,487	138	5,619	2,557
32			18	8		115					11	717
33			21	8		117					11	733
34			6			101					2	195
35			6			94					2	240
36			54	8		57					31	68
37			14	10		61					45	71
38	4,607	80	5,588	10,021	267	58	55	888	2,713		2,987	10
39	4,543	135	6,050	18,671	109	100	92	1,436	5,396		3,001	50
40	940	314	522	681	743	33	83	2,484	708	73	1,957	541
41	1,062	338	720	895	773	33	133	1,058	843	78	2,457	667
42	4,963	7,156	13,062	15,549	1,126	1,769	4,952	3,026	5,149	5,201	22,895	52,348
43	2,531	3,637	6,231	7,988	486	2,111	5,168	2,601	3,200	3,658	10,655	52,887
44	118	224	711	344	144	86	7	152	245	45	745	521
45	99	131	404	524	129	141	9	116	318	62	390	532
46	3,248	229	5,392	2,562	1,316	23	125	22,070	848	168	6,950	724
47	4,309	380	7,146	4,671	1,936	32	218	9,329	1,370	221	8,663	1,778
48	395	190	541	495	180	357	249	65	371	90	427	413
49	19,283	10,962	27,558	30,986	9,528	16,951	14,528	2,965	22,632	6,253	19,985	24,119
50	14	105	64	463	82	40	161	1	64	43	111	22
51	808	6,581	5,290	34,012	5,559	3,254	8,791	21	4,613	2,657	8,722	1,579
52	499	734	2,127	936	641	360	488	276	646	315	1,653	577
53	7,100	46,394	58,909	6,655	42,364	14,030	17,457	7	34,231	10,761	103,500	61
54	1,590	11,457	12,920	1,594	10,021	4,501	4,167		11,554	2,737	25,533	13
55	384	473	627	32	276	178	397	38	733	61	790	173
56	1,108	965	1,634	45	698	504	1,017	43	1,452	123	1,651	538
57	3,227	12,331	11,065	736	8,692	4,242	11,883		11,929	898	5,863	6,751
58	1,308	111	6,149	144	114			7,465		31	3,691	15
59	284,086	28,000	1,620,200	39,990	31,400			778,376	5,340	18,300	1,043,183	8,050
60	145,485	62,768	271,872	197,299	40,858	42,405	17,273	4,248	243,095	18,125	201,816	55,768
61	1,439	12,194	12,887	30,807	12,767	16,808	4,399	47	72,392	6,913	17,274	10,155
62	21,350	8,900	57,011	62,263	7,019	30,643	2,509	1,250	167,138	4,058	21,170	41,531
63	421	3,076	1,515	21,077	2,624	14,090	36	50,520	1,706	702	9,547	
64	96,470	48,269	181,252	105,685	30,021	10,194	13,101	1,088	55,999	12,121	161,403	11,081
65	939	7,949	8,946	9,265	1,914	3,879	709		14,107	4,961	15,850	419
66	3,427	2,283	6,991	7,200	1,320	255	37	121	4,643	623	4,216	904
67	2	216	147	129	155	37	30	1	31	17	39	17
68	6,841	2,970	12,935	9,544	2,192	992	871	796	9,778	1,150	8,241	1,522
69	28	945	1,818	388	713	122	296	6	1,401	212	679	144
70	7,731	226	9,230	7,454	256	309	71	348	3,898	79	3,442	587
71	19	4	15	221	10	22	1	4	56	3	10	28
72	67,167	2,543	137,784	85,264	15,141	834	325	204	62,194	1,482	65,785	6,732
73	43,658	2,905	233,847	132,957	50,442	600	569	790	177,903	820	125,869	15,019
74	10	161	132	64	12	8	4	1	125	8	131	9
75	6,187	170,299	84,790	86,338	6,998	9,160	2,965	1,283	95,053	3,168	77,761	6,355
76	2	148	17	7	2	4			28	2	20	2
77	1,026	161,480	8,412	15,028	596	4,760	923		28,170	488	14,289	860
78	7	11	107	55	10	3	2		94	6	108	6
79	4,108	7,019	71,160	69,632	6,346	3,500	2,042	100	60,072	2,680	61,207	5,400
80	2,019	553	387	1,008	40	217			752	62	10,571	
81	30	10,050	230	23,214	500				6,944	160	17,708	
82		553	237	14		217			573	2	10,438	
83		10,050	130	400					6,110	60	17,656	

RECEIPTS, BY COUNTIES: 1909.

1	1,074	994	1,939	1,024	695	546	599	611	977	341	2,290	638
2	168,651	107,023	204,681	130,723	64,775	37,558	45,236	49,983	88,227	33,472	245,875	90,859
3	39,208	19,904	45,040	48,870	15,849	5,968	7,682	11,608	23,549	12,027	43,858	22,897
4	7	4	9	11	3	3	2	1	1	1	9	7
5	160	68	1,831	446	185	171	122	6	236	25	734	1,130
6	707	1,001	1,391	579	702	684	679	649	908	395	1,487	435
7	74,788	54,039	164,160	57,525	43,783	34,502	35,703	48,882	60,148	33,883	162,176	41,263
8	220,336	258,624	634,738	708,644	50,402	22,171	98,099	20,200	275,654	35,004	467,207	464,778

AGRICULTURE—OKLAHOMA.

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

		Creek.	Custer.	Delaware.	Dewey.	Ellis.	Garfield.	Garvin.
<b>VALUE OF ALL CROPS</b>								
1	Total .....	dollars.. 1,256,973	2,075,894	880,261	1,156,806	1,322,303	4,098,577	2,653,294
2	Cereals.....	dollars.. 420,715	1,470,884	670,883	797,953	896,301	3,598,866	1,066,081
3	Other grains and seeds.....	dollars.. 225	5,860	706	1,915	4,086	2,508	1,404
4	Hay and forage.....	dollars.. 32,810	308,183	90,518	131,820	149,283	317,470	75,872
5	Vegetables.....	dollars.. 31,711	41,012	46,536	28,176	27,798	79,747	65,233
6	Fruits and nuts.....	dollars.. 4,345	4,108	14,438	1,969	260	13,715	19,310
7	All other crops.....	dollars.. 767,167	240,347	37,180	194,973	244,575	86,271	1,424,734
<b>SELECTED CROPS (acres and quantity)</b>								
8	<b>Cereals:</b>							
9	Total.....	acres.. 38,423	179,220	73,284	129,923	169,489	344,511	113,102
10	Corn.....	bushels.. 840,985	2,532,811	1,222,049	1,481,820	1,346,174	5,797,592	2,122,041
11	Oats.....	bushels.. 37,657	120,059	55,099	94,573	73,110	153,540	108,900
12	Wheat.....	bushels.. 831,016	1,686,921	889,402	1,095,961	514,133	2,138,452	2,021,976
13	Emmer and spelt.....	acres.. 160	8,592	7,416	3,154	6,550	51,478	3,379
14	Barley.....	bushels.. 3,653	217,782	193,028	56,284	104,731	1,755,917	87,262
15	Rye.....	acres.. 125	24,753	10,620	8,461	47,554	132,538	624
16	Kafir corn and milo maize.....	bushels.. 600	330,610	138,191	80,375	401,570	1,777,189	10,303
17	Other grains:							
18	Dry peas.....	acres.. 20	28			159	30	2
19	Peanuts.....	bushels.. 200	295			2,323	775	150
20	Barley.....	acres.. 39	67	2	55	205	293	
21	Rye.....	bushels.. 340	927	20	203	2,342	4,004	
22	Kafir corn and milo maize.....	acres.. 55	278	2	2	37	170	14
23	Other grains:							
24	Dry peas.....	acres.. 19	66			42	96	66
25	Peanuts.....	bushels.. 92	240			108	187	230
26	Barley.....	acres.. 5				1	9	23
27	Rye.....	bushels.. 7	77	6	32	258	111	443
28	<b>Hay and forage:</b>							
29	Total.....	acres.. 6,617	30,239	13,655	19,354	29,451	32,825	7,563
30	All tame or cultivated grasses.....	tons.. 6,584	35,882	13,407	17,538	28,973	41,060	8,024
31	Timothy alone.....	acres.. 309	20,035	4,943	0,779	4,358	13,203	2,941
32	Timothy and clover mixed.....	tons.. 467	25,255	4,823	8,514	3,974	20,072	4,370
33	Clover alone.....	acres.. 35	1	2,814	14		20	26
34	Alfalfa.....	tons.. 39	2	2,680	3		26	20
35	Wild, salt, or prairie grasses.....	acres.. 3	10	1,022			15	15
36	Grains cut green.....	tons.. 2	5	938			15	15
37	Coarse forage.....	acres.. 39	279				72	
38	Alfalfa.....	tons.. 52	299				122	
39	Millet or Hungarian grass.....	acres.. 103	14,484	34	3,171	2,770	10,991	1,118
40	Wild, salt, or prairie grasses.....	tons.. 212	19,550	37	1,950	2,398	16,741	2,138
41	Grains cut green.....	acres.. 116	5,315	510	0,277	1,440	2,030	1,597
42	Coarse forage.....	tons.. 173	5,161	596	6,203	1,441	3,035	2,059
43	Wild, salt, or prairie grasses.....	acres.. 6,038	3,849	8,213	5,212	7,197	15,048	3,090
44	Grains cut green.....	tons.. 5,533	1,813	8,016	3,702	5,960	12,221	2,146
45	Coarse forage.....	acres.. 62	440	91	346	203	297	42
46	Special crops:							
47	Potatoes.....	acres.. 325	404	391	496	229	640	212
48	Sweet potatoes and yams.....	bushels.. 21,705	17,213	22,652	19,600	7,593	36,009	14,292
49	All other vegetables.....	acres.. 14	20	22	46	31	35	94
50	Cotton.....	bushels.. 1,037	1,068	1,035	2,896	1,476	2,311	7,797
51	Cane, sorghum.....	acres.. 326	605	553	206	604	871	923
52	Sirup (made).....	acres.. 24,173	12,592	228	2,309	220	1,929	52,113
53	Broom corn.....	bales.. 10,367	2,572	45	432	26	548	16,334
54	Sirup (made).....	acres.. 272	15	290	144	16	63	935
55	Broom corn.....	tons.. 641	28	693	317	26	157	2,450
56	Orchard fruits:							
57	Total.....	acres.. 10,722	68	6,960	2,687	314	262	23,690
58	Apples.....	acres.. 8,574	10	8,875	10	16,875	20	4,177
59	Peaches and nectarines.....	pounds.. 1,035,428	5,100	2,358,028	4,607,313	5,000	1,602,218	
60	Pears.....	acres.. 325	404	391	496	229	640	212
61	Plums and prunes.....	bushels.. 21,705	17,213	22,652	19,600	7,593	36,009	14,292
62	Cherries.....	acres.. 14	20	22	46	31	35	94
63	Small fruits:							
64	Total.....	bushels.. 1,037	1,068	1,035	2,896	1,476	2,311	7,797
65	Strawberries.....	acres.. 326	605	553	206	604	871	923
66	Blackberries and dewberries.....	acres.. 24,173	12,592	228	2,309	220	1,929	52,113
67	Nuts:							
68	Total.....	bales.. 10,367	2,572	45	432	26	548	16,334
69	Pecans.....	acres.. 272	15	290	144	16	63	935
70	Small fruits:							
71	Total.....	tons.. 641	28	693	317	26	157	2,450
72	Strawberries.....	acres.. 10,722	68	6,960	2,687	314	262	23,690
73	Blackberries and dewberries.....	acres.. 8,574	10	8,875	10	16,875	20	4,177
74	Nuts:							
75	Total.....	pounds.. 1,035,428	5,100	2,358,028	4,607,313	5,000	1,602,218	
76	Apples.....	acres.. 4,011	742	20,339	383	4	5,074	10,359
77	Peaches and nectarines.....	acres.. 5,339	37,586	63,636	34,680	15,494	104,742	11,512
78	Pears.....	bushels.. 3,451	30	19,443	51		3,980	3,038
79	Plums and prunes.....	acres.. 4,025	186,449	18,754	160,890	92,939	214,763	35,624
80	Cherries.....	bushels.. 456	684	698	305	3	675	6,300
81	Small fruits:							
82	Total.....	acres.. 235	5,323	377	5,511	2,138	12,025	1,001
83	Strawberries.....	bushels.. 22	3	26			13	305
84	Blackberries and dewberries.....	acres.. 411	12,434	1,741	8,941	4,930	29,904	1,599
85	Nuts:							
86	Total.....	bushels.. 27	15	163	9	1	348	685
87	Pecans.....	acres.. 282	11,124	273	9,324	5,057	27,997	643
88	Small fruits:							
89	Total.....	bushels.. 18	9	9	13		30	29
90	Strawberries.....	vines.. 1,808	59,326	1,128	58,720	19,191	133,600	4,987
91	Blackberries and dewberries.....	pounds.. 8,640	36,744	1,686	23,303	1,000	89,830	13,805
92	Nuts:							
93	Total.....	acres.. 3	24	6	9	6	77	19
94	Strawberries.....	quarts.. 2,040	16,137	6,216	6,077	1,153	58,860	12,133
95	Blackberries and dewberries.....	acres.. 1	1	5	1		19	8
96	Nuts:							
97	Total.....	quarts.. 700	1,632	4,940	337	16	20,180	6,165
98	Pecans.....	acres.. 2	18	1	8	5	55	10
99	Small fruits:							
100	Total.....	quarts.. 1,300	11,290	1,127	5,355	714	36,002	4,736
101	<b>Fruits and nuts:</b>							
102	Total.....	acres.. 1,471	143	22	754	251	1,862	3,275
103	Pecans.....	pounds.. 5,900		1,120			1,290	68,604
104	Small fruits:							
105	Total.....	acres.. 1,255	4			9	11	3,271
106	Small fruits:							
107	Total.....	pounds.. 4,700		20				69,574

TABLE 5.—SELECTED FARM EXPENSES AND

1	<b>Labor.....</b>							
2	Farms reporting.....	595	953	572	840	1,052	1,682	1,423
3	Cash expended.....	dollars.. 73,003	103,658	45,648	69,814	93,950	203,060	132,269
4	Rent and board furnished.....	dollars.. 15,814	20,338	13,798	18,062	22,782	54,187	31,139
5	<b>Fertilizer.....</b>							
6	Farms reporting.....	4	6	17	6	3	5	8
7	Amount expended.....	dollars.. 70	118	543	765	160	287	200
8	<b>Feed.....</b>							
9	Farms reporting.....	566	715	810	725	764	1,042	1,201
10	Amount expended.....	dollars.. 46,426	130,518	52,048	98,211	65,370	119,653	80,309
11	<b>Receipts from sale of feedable crops.....</b>	dollars.. 81,142	189,379	130,236	122,095	88,522	434,185	344,316

AGRICULTURE—OKLAHOMA.

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

	Grady.	Grant.	Greer.	Harmon.	Harper.	Haskell.	Hughes.	Jackson.	Jefferson.	Johnston.	Kay.	Kingfisher.	Kiowa.
1	2,650,925	4,099,548	1,753,481	999,652	856,213	1,252,181	1,958,100	2,667,470	1,313,875	887,763	4,336,076	2,639,844	3,021,603
2	2,025,502	3,529,669	363,088	159,617	539,796	423,994	588,940	700,144	524,851	488,721	3,767,995	1,992,903	1,047,658
3	2,313	27,859	3,324	643	8,553	306	2,335	11,275	748	1,617	2,394	8,783	8,883
4	125,379	430,824	83,433	47,349	152,321	30,099	27,228	163,443	58,977	23,943	447,125	221,583	268,943
5	81,631	88,732	25,855	11,088	19,379	66,131	63,214	69,601	34,740	37,293	90,541	60,873	42,268
6	26,760	4,164	3,771	1,038	406	10,583	18,071	2,493	13,761	13,995	8,126	33,585	2,491
7	389,340	12,300	1,273,090	779,917	135,758	721,068	1,258,312	1,720,514	680,793	322,194	19,895	322,117	1,651,380
8	233,998	319,639	53,530	35,347	97,084	41,695	61,266	94,682	76,588	62,845	302,857	217,252	125,821
9	4,035,545	5,648,784	635,073	258,066	669,149	828,400	1,174,788	1,335,719	1,029,928	987,776	7,056,763	3,410,929	1,773,616
10	228,676	147,955	28,154	19,098	22,331	39,754	58,765	55,243	73,524	60,375	214,402	128,000	72,634
11	3,013,419	2,781,813	318,505	131,297	114,019	787,895	1,119,325	848,541	977,540	896,936	5,386,146	1,676,396	965,080
12	3,984	34,172	7,855	1,928	1,124	1,920	2,314	13,088	2,388	2,251	34,299	30,239	17,415
13	100,808	1,141,109	130,322	20,461	16,788	40,165	52,615	189,240	43,711	68,044	1,018,451	927,060	366,560
14	865	129,947	6,108	2,036	44,511	10	47	6,872	478	123	51,852	54,010	22,870
15	14,156	1,617,184	54,933	19,986	387,999	100	727	64,096	5,587	1,579	613,450	757,702	304,043
16					227			34				5	255
17		80			1,233			373				100	3,333
18	16	518	20		838			10	13	2	36	138	559
19	400	6,576	335		10,238			235	60	60	290	2,097	5,185
20	47	94	51	16	86			81	5	2	78	331	49
21	605	1,179	333	60	488			20	700	10	15	752	2,913
22	410	6,941	11,342	12,269	27,067	11	128	19,354	170	87	2,190	4,529	12,039
23	6,157	100,723	130,645	86,262	138,384	240	1,866	232,529	2,930	1,142	37,674	44,661	128,858
24	53	91	8	3	6	21	116	56	31	19	20	139	78
25	399	621	203	35	35	94	1,016	378	224	243	40	1,005	244
26	31	19	48	11	7	4	37	24	25	20	2		13
27	1,074	136	548	272	185	79	925	841	286	432	35	7	167
28	15,735	35,442	9,120	6,142	29,373	7,476	4,992	12,197	6,597	3,588	45,408	21,668	30,093
29	13,655	59,483	8,919	4,689	26,939	6,720	4,949	17,941	6,414	3,796	71,986	24,018	30,387
30	4,541	15,923	8,525	1,320	3,415	473	366	9,507	701	733	12,040	13,275	11,363
31	6,733	32,855	4,147	815	3,847	480	356	14,737	933	1,001	30,211	15,284	13,512
32		26		10	250			8		1	162	60	15
33		21						37		2	213	45	6
34	42	34	18					8			248	56	18
35	41	18	13					52			282	83	16
36		41	25								108	53	41
37		126	25					32	4		130	25	14
38	3,616	14,788	3,034	859	2,787	4	19	9,329	180	64	9,468	11,237	11,173
39	5,743	31,578	3,583	496	3,205	4	17	14,491	335	69	20,284	12,800	12,883
40	759	514	380	341	342	92	76	144	497	614	1,091	955	669
41	869	840	410	286	374	109	94	195	447	875	2,230	1,297	571
42	9,693	14,474	577	14	3,317	6,677	4,428	408	5,393	2,264	30,727	4,038	3,554
43	4,793	14,233	302	11	3,193	5,689	4,179	232	4,822	1,314	35,637	3,372	2,320
44	170	1,013	316	187	218	64	18	73	75	46	831	1,793	200
45	193	1,488	184	34	225	82	15	59	80	54	1,235	1,726	163
46	1,331	4,332	4,702	4,621	22,423	257	180	2,209	428	542	1,810	2,502	14,708
47	1,936	10,907	4,286	3,729	10,673	469	369	2,922	579	1,425	4,843	3,056	14,392
48	195	542	92	41	163	531	313	79	112	114	632	430	224
49	9,850	34,180	5,166	1,624	6,916	42,524	23,855	4,394	4,481	8,200	39,195	28,554	8,066
50	125	49	41	27	16	55	79	198	38	44	38	40	30
51	11,834	4,993	2,492	1,523	1,335	1,651	6,315	25,330	1,429	3,106	4,896	3,207	2,517
52	1,603	855	347	266	288	624	687	708	1,076	579	934	626	720
53	17,024		78,330	71,039	223	32,833	41,392	94,463	44,439	17,069	30	14,652	61,843
54	4,764		16,340	10,402	15	9,538	16,272	21,854	9,017	4,233	7	8,960	20,847
55	497	138	97	2	120	297	699	208	903	555	361	204	91
56	705	358	179	5	115	787	1,932	359	1,585	1,071	1,915	517	173
57	5,174	775	280	51		8,534	19,275	1,369	7,534	12,068	2,477	1,531	855
58	242	187	127	143		15,035			169		4	147	2,896
59	128,050	81,750	12,475	38,060	2,148,532	3,000			20,140		400	33,829	659,583
60	69,464	339,789	70,707	44,348	73,548	36,431	35,523	90,932	42,167	46,096	339,933	225,709	172,571
61	19,385	1,174	1,823	708	173	12,752	19,515	1,841	6,633	13,487	1,886	27,888	321
62	13,563	88,055	3,089	2,764	4,180	9,692	16,897	7,746	3,005	14,805	139,636	83,012	19,095
63	2,420	1,063	537	118	50	2,758	9,411	437	127	4,573	1,794	23,953	
64	49,288	173,378	52,410	35,353	61,603	24,772	17,381	69,975	33,886	28,695	135,116	105,424	131,519
65	16,337	104	942	369	123	9,540	9,747	1,330	6,106	8,351	1	2,856	321
66	1,443	10,948	1,753	630	533	379	343	1,652	1,049	1,209	13,774	7,365	3,380
67	36		68	10		139	73		45	214	63	51	
68	2,722	22,612	11,166	3,522	2,104	844	508	9,572	3,247	1,070	17,559	11,284	9,745
69	552	5	66	200		299	207	74	352	321	10	211	
70	1,470	27,582	1,340	1,966	2,633	116	200	1,418	496	176	20,935	10,014	5,434
71	24	1	10	1		12	44		1	8	15	78	
72	29,861	111,546	17,791	5,999	8,410	1,131	1,563	9,879	5,795	5,815	84,189	67,882	45,699
73	126,277	49,846	25,483	2,540	2,551	2,310	6,880	6,860	30,352	35,206	37,240	132,618	16,325
74	23	22	13	6		2	4	4	36	16	55	93	20
75	21,570	14,854	6,200	3,047	424	2,574	4,406	3,533	26,755	12,682	48,189	49,634	11,108
76	5	2				2	3		11	4	12	3	5
77	6,842	881	89	500	25	2,380	3,096	180	13,268	3,040	14,909	4,149	3,055
78	17	19	12	6		1	3		22	12	42	84	15
79	14,016	13,049	5,539	2,267	279	194	985	2,228	11,027	9,026	31,777	41,773	7,720
80		6,381	234	193	15		1,411	613	2,961	145	8,561	61	3,134
81		100	1,425	35			8,400		36,038	2,922	150	100	100
82		645	100	16			1,410	10	2,754	100	6,630	27	162
83							8,400		31,118	1,000		100	

RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,076	1,540	828	738	689	1,207	1,311	836	716	1,532	1,052	1,768	
2	170,368	212,073	88,343	59,276	70,255	85,929	84,174	160,702	95,344	384,818	123,758	221,992	
3	58,701	64,953	23,517	10,623	22,933	13,653	19,906	25,837	22,632	16,361	29,067	42,282	
4	9	4	6			35	3	1	8	2		4	
5	177	126	300			710	23	500	233	2,053		87	
6	772	1,126	393	346	710	1,099	1,329	568	750	772	611	1,187	
7	167,863	184,048	42,629	28,096	80,510	54,705	63,007	49,744	72,755	62,736	141,645	134,076	
8	875,782	509,481	48,507	15,285	22,504	65,137	111,611	168,132	158,504	161,687	1,268,461	266,605	232,913

AGRICULTURE—OKLAHOMA.

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

		Latimer.	Le Flore.	Lincoln.	Logan.	Love.	McClain.	McCurtain.
<b>VALUE OF ALL CROPS</b>								
1	Total.....	dollars.. 244,963	1,561,041	3,614,777	2,548,880	821,484	1,505,473	566,331
2	Cereals.....	dollars.. 124,929	481,062	908,538	1,178,531	295,820	926,175	300,461
3	Other grains and seeds.....	dollars.. 352	1,765	4,466	3,962	303	360	4,521
4	Hay and forage.....	dollars.. 9,115	43,411	197,155	206,603	12,428	25,462	6,985
5	Vegetables.....	dollars.. 19,965	100,100	103,090	85,594	22,200	35,460	35,141
6	Fruits and nuts.....	dollars.. 1,759	14,177	83,136	52,454	4,020	2,987	5,184
7	All other crops.....	dollars.. 88,903	920,526	2,318,392	1,021,236	485,813	515,029	214,039
<b>SELECTED CROPS (acres and quantity)</b>								
8	Cereals: Total.....	acres.. 10,623	41,720	115,897	127,891	38,483	95,347	29,538
9	bushels.....	191,785	802,368	1,709,822	2,308,468	566,291	1,858,700	568,708
10	bushels.....	10,661	40,705	103,153	89,494	37,896	94,002	29,373
11	bushels.....	189,130	787,842	1,478,497	1,459,645	557,449	1,824,761	566,742
12	bushels.....	134	1,002	6,678	21,204	487	1,177	1,448
13	bushels.....	2,202	14,410	153,514	625,030	7,882	32,147	2,546
14	bushels.....	6	6	326	9,772	24	75	.....
15	bushels.....	20	3,942	133,441	265	700	.....	.....
16	bushels.....	2	.....	45	.....	.....	.....	.....
17	bushels.....	8	.....	11	.....	.....	.....	.....
18	bushels.....	205	.....	65	.....	.....	.....	.....
19	bushels.....	27	.....	40	.....	.....	.....	.....
20	bushels.....	11	.....	130	1,605	.....	.....	4
21	bushels.....	108	7	5,703	7,370	76	93	50
22	bushels.....	17	96	73,489	89,682	695	1,092	11
23	bushels.....	336	.....	.....	.....	.....	.....	290
24	Other grains: Dry peas.....	acres.. 11	127	310	173	5	11	148
25	bushels.....	185	669	1,456	898	31	33	703
26	bushels.....	1	18	19	24	18	2	112
27	bushels.....	25	415	397	500	236	55	2,479
28	Hay and forage: Total.....	acres.. 1,861	8,402	25,347	26,376	1,346	3,724	921
29	bushels.....	1,836	7,539	24,284	26,428	1,410	2,841	941
30	All tame or cultivated grasses.....	acres.. 4	628	7,428	4,956	630	916	27
31	bushels.....	7	824	8,670	7,802	707	1,164	28
32	bushels.....	.....	.....	147	30	1	.....	.....
33	bushels.....	.....	.....	128	30	1	.....	.....
34	bushels.....	.....	.....	3,226	1	.....	.....	.....
35	bushels.....	.....	.....	2,327	1	.....	.....	.....
36	bushels.....	3	3	57	.....	.....	2	.....
37	bushels.....	6	5	182	.....	.....	5	.....
38	bushels.....	.....	.....	182	.....	.....	.....	.....
39	bushels.....	.....	.....	2,679	2,797	113	372	18
40	bushels.....	.....	.....	4,720	5,354	89	609	16
41	bushels.....	.....	.....	722	1,095	139	487	9
42	bushels.....	.....	.....	822	2,091	239	507	12
43	bushels.....	.....	.....	832	16,580	287	2,419	635
44	bushels.....	1,833	7,539	13,653	10,636	371	1,164	493
45	bushels.....	1,739	6,389	9,526	10,635	371	1,164	493
46	bushels.....	18	90	1,057	982	34	67	119
47	bushels.....	73	90	854	923	30	79	182
48	bushels.....	17	141	3,209	3,858	395	322	140
49	bushels.....	.....	.....	5,234	7,068	502	434	233
50	Special crops: Potatoes.....	acres.. 83	1,156	449	410	86	125	97
51	bushels.....	6,872	83,723	32,912	21,101	3,115	8,740	6,205
52	bushels.....	56	100	59	154	30	41	143
53	bushels.....	2,735	4,718	5,187	8,717	1,496	3,380	9,981
54	bushels.....	160	663	1,258	1,148	393	481	341
55	bushels.....	4,045	36,285	99,930	45,491	27,909	23,511	7,417
56	bushels.....	1,140	11,563	28,902	13,112	6,414	6,766	1,769
57	bushels.....	77	614	822	365	256	203	393
58	bushels.....	181	1,609	1,919	798	589	557	1,827
59	bushels.....	1,783	15,905	23,039	8,339	8,086	6,502	23,389
60	bushels.....	.....	.....	1	2	3	196	.....
61	bushels.....	.....	.....	500	250	1,000	47,698	.....
62	Orchard fruits: Total.....	trees.. 3,857	54,383	403,780	348,735	10,095	22,053	13,963
63	bushels.....	844	14,693	77,313	40,684	4,345	3,250	4,787
64	bushels.....	732	9,776	238,350	122,418	723	11,020	2,280
65	bushels.....	103	1,572	65,876	34,299	268	932	1,012
66	bushels.....	2,829	41,677	132,544	191,320	8,817	9,096	8,248
67	bushels.....	711	11,953	9,769	4,874	3,681	2,288	2,737
68	bushels.....	70	737	10,192	8,130	240	363	600
69	bushels.....	2	236	254	240	113	4	685
70	bushels.....	196	1,902	12,407	11,767	658	676	2,898
71	bushels.....	28	923	1,191	717	274	18	343
72	bushels.....	15	252	5,761	9,433	85	482	27
73	bushels.....	6	6	79	93	5	.....	6
74	bushels.....	610	6,459	125,590	99,861	1,228	3,504	193
75	bushels.....	1,100	2,400	321,609	248,725	9,880	1,080	1,731
76	Small fruits: Total.....	acres.. 6	17	112	206	9	4	2
77	bushels.....	10,020	12,162	101,186	169,943	7,527	2,240	710
78	bushels.....	6	8	14	38	1	1	2
79	bushels.....	10,000	4,906	13,230	44,834	1,150	320	350
80	bushels.....	.....	.....	89	160	8	.....	.....
81	bushels.....	.....	.....	7,256	78,876	116,840	6,337	360
82	Nuts: Total.....	trees.. 131	18,407	2,392	.....	.....	2	96
83	bushels.....	9,120	163,083	3,220	.....	.....	.....	2,400
84	bushels.....	85	18,331	1,938	.....	.....	.....	91
85	bushels.....	4,550	162,803	1,610	.....	.....	.....	2,400

TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor.....	Farms reporting.....	218	1,254	2,024	1,306	671	659	399
2	Cash expended.....	dollars.. 12,723	107,864	137,792	126,028	52,441	55,990	33,111	
3	Rent and board furnished.....	dollars.. 3,869	13,118	33,799	29,604	12,709	15,634	10,886	
4	Fertilizer.....	Farms reporting.....	2	114	8	10	2	8	
5	Amount expended.....	dollars.. 80	2,224	131	679	69	5	576	
6	Feed.....	Farms reporting.....	361	1,500	2,072	877	590	379	
7	Amount expended.....	dollars.. 23,012	61,576	131,839	66,551	36,188	38,764	17,441	
8	Receipts from sale of feedable crops.....	dollars.. 19,795	67,523	145,285	294,042	61,150	384,967	53,818	



AGRICULTURE—OKLAHOMA.

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

	McIntosh.	Major.	Marshall.	Mayes.	Murray.	Muskogee.	Noble.	Nowata.	Oklfuskee.	Oklahoma.	Oklmulgee.	Osage.	Ottawa.
1	1,947,685	1,533,190	815,078	759,175	659,720	1,946,945	2,003,469	725,616	1,821,516	2,303,222	1,147,435	2,045,742	1,110,568
2	680,524	970,752	454,020	581,761	293,254	850,330	1,534,928	597,228	398,814	1,140,579	522,380	1,472,080	819,084
3	694	8,917	1,184	6	697	475	2,040	993	471	11,443	1,683	458	8,340
4	35,014	108,123	20,916	66,618	28,042	119,881	198,719	91,715	27,381	255,395	96,950	214,600	180,867
5	59,773	46,066	31,781	35,902	23,082	141,883	51,053	25,449	40,016	150,936	39,417	62,204	51,882
6	21,454	8,619	5,587	8,579	3,586	27,837	85,819	3,763	10,145	68,369	8,972	12,038	21,730
7	1,150,226	330,683	301,590	66,309	311,059	800,479	180,310	6,408	1,344,689	670,590	478,033	284,302	29,165
8	83,001	140,831	59,305	71,981	36,209	91,725	161,828	66,323	39,770	115,986	59,695	129,691	77,476
9	1,384,838	1,500,796	914,999	1,147,796	573,261	1,700,463	2,948,749	1,188,890	799,968	2,211,065	1,057,270	2,899,558	1,574,173
10	78,212	89,335	52,971	63,432	34,927	84,535	94,747	56,417	38,700	83,735	57,821	125,429	60,571
11	1,271,500	799,026	772,206	952,438	551,023	1,611,586	1,725,315	904,047	774,452	1,430,273	1,009,435	2,794,112	1,337,998
12	4,602	6,092	5,988	5,451	1,170	6,983	27,704	6,610	895	19,823	1,750	1,471	5,751
13	111,607	155,923	138,411	144,812	21,029	186,648	813,724	178,262	23,359	613,165	46,614	58,634	160,764
14	94	31,831	227	2,755	48	106	30,328	2,393	4	5,625	40	669	4,855
15	1,084	420,086	2,939	46,148	531	1,080	298,200	33,745	20	80,918	203	10,453	71,568
16		22					2	60		1		8	
17		249		470			40	1,142		14		404	
18		171	49			2	5		1	123		2	
19		2,773	473			24	77		30	1,704		40	
20	15	412		15	4		8	16		54	1	50	8
21	63	2,773		75	20		15	125		210	10	500	43
22	78	12,954	70	306	60		99	8,974		6,625	77	2,071	291
23	584	119,966	970	3,853	658	1,125	111,378	11,569	2,097	84,781	1,008	35,413	3,800
24	20	261	38		56	14	28		25	295	52		70
25	246	761	252		324	111	42		161	1,110	670		349
26	8	4	11		24	5	3		4	85	8		3
27	155	60	306	3	332	110	89	1	81	1,571	119	8	150
28	6,241	21,319	4,027	18,302	3,582	20,277	26,670	23,722	4,927	23,142	18,800	35,417	33,153
29	6,276	25,087	2,683	19,896	3,412	23,932	31,904	25,412	4,414	27,013	19,964	55,312	35,084
30	502	5,290	1,132	5,553	1,171	1,234	7,498	512	112	7,245	257	4,886	3,945
31	563	7,024	908	531	1,423	1,885	13,306	587	196	13,169	284	8,464	4,324
32	39	22		263	3	67	55	241					2,290
33	62	22		232	2	88	43	255					2,582
34	27			157		25	43	2			22		642
35	36			165		22	29	4			19		818
36	21	20		32			63	11			5		121
37	34	41		32			135	23			3		140
38	43	3,873	36	59	223	303	5,163	164	88	5,609	9	820	22
39	60	5,992	59	59	322	912	9,626	192	77	11,262	13	2,219	26
40	149	1,305	749	36	807	224	1,841	104	39	1,046	19	1,778	692
41	234	1,611	690	39	1,064	273	3,193	113	56	1,364	30	3,922	984
42	5,702	5,513	2,512	17,206	1,868	18,623	16,798	22,293	4,697	12,238	18,161	26,424	28,220
43	5,645	4,656	1,363	18,843	1,228	21,537	13,216	23,056	3,951	8,115	19,004	29,626	28,714
44	15	1,086	37	280	26	198	165	165	719	258		116	161
45	30	1,003	21	257	162	250	217	151	52	657	391	116	183
46	22	9,450	340	203	348	154	2,176	762	80	2,940	124	3,991	827
47	38	11,904	391	265	599	260	5,165	1,618	215	5,072	285	17,106	1,363
48	455	375	168	183	120	3,883	290	230	289	1,334	158	418	555
49	27,762	20,755	8,181	10,629	6,837	198,488	16,757	8,755	19,356	91,100	8,937	25,281	28,109
50	78	17	69	4	45	168	18	15	81	179	70	20	44
51	4,644	1,482	3,032	243	2,257	7,096	1,583	998	6,157	14,600	4,220	2,019	2,301
52	606	485	622	283	346	907	594	270	328	1,577	406	531	561
53	41,934	963	17,575	2,385	15,912	28,018	6,254		41,743	27,260	16,667	5,585	10
54	15,828	176	3,899	779	4,338	10,723	2,620		17,656	8,320	6,835	2,900	4
55	306	30	807	89	501	282	355	105	377	821	222	1,758	358
56	730	76	639	229	989	911	1,049	244	1,265	821	717	6,569	939
57	8,621	842	7,433	2,160	5,936	7,419	2,555	2,318	17,743	7,270	7,010	5,786	8,390
58	210	20,317		5	66	10	73		25	323			85
59	62,319	4,524,856		575	25,800	2,000	27,150		3,000	138,388			40,235
60	41,984	237,126	17,635	63,338	31,509	54,948	150,953	21,253	15,639	347,277	25,241	24,763	45,739
61	24,318	2,328	5,459	10,453	4,603	21,741	27,933	3,286	10,734	57,263	4,972	11,548	19,990
62	22,363	52,064	5,722	48,416	5,990	23,336	45,101	14,033	6,744	185,211	11,473	17,015	33,088
63	10,936	1,828	1,206	10,087	556	12,719	14,845	3,098	5,447	50,613	2,239	6,899	16,419
64	17,285	136,255	10,243	12,487	24,095	29,394	80,252	5,077	6,946	132,136	11,519	6,200	10,306
65	12,830	406	3,940	279	3,855	8,536	12,140	172	3,778	5,667	2,480	2,409	280
66	546	7,146	979	458	588	647	4,676	345	325	6,744	687	482	391
67	184	2	122	10	14	212	106	1	600	149	37	23	23
68	1,054	14,964	879	1,476	671	1,000	8,363	1,346	1,263	13,864	868	489	1,233
69	317	67	179	75	171	212	650	16	640	660	184	127	162
70	401	14,871	63	314	128	410	7,903	385	303	5,562	547	457	522
71	46	2	6	2	6	36	109	9	288	93	25	23	26
72	2,664	133,986	733	2,231	2,922	7,523	50,357	3,129	2,011	103,161	3,802	6,744	5,296
73	9,020	123,940	2,860	100	2,657	33,515	187,060	5,655	6,900	195,388	4,300	13,515	20,474
74	5	33	6	4	1	58	68	5	5	170		8	151
75	5,619	18,166	13,098	3,080	1,665	58,947	67,239	5,833	4,140	154,041		8,339	67,534
76	1	3	6			18	8	4	2	24		4	143
77	540	3,040	12,346	1,010	242	18,902	10,064	4,829	1,720	29,790		3,974	80,222
78	4	30	3	1	1	25	58	1	2	144		4	6
79	4,518	14,455	752	2,060	1,223	25,871	55,021	764	2,380	122,065		4,065	6,011
80	137	1,476	10	207		570	468		18	265	2,090	125	698
81	3,780	812	50	535		19,665	5,955		900	2,970	23,960		23,020
82	95	116	10	207		346	345		18	223	2,050	75	130
83	2,960	12	50	535		11,465	5,430		900	2,220	23,960		1,420

RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,092	995	523	497	494	1,082	733	344	815	1,161	635	867	550
2	110,956	90,560	41,274	58,152	44,744	154,376	93,422	44,004	66,191	146,243	69,435	215,656	76,314
3	18,255	29,246	10,602	14,601	4,391	27,561	35,023	15,940	10,474	42,072	14,231	69,295	18,467
4	5	4	1	2	3	7	4	4	3	22	4	7	21
5	34	176	150	60	123	210	123	69	223	1,373	565	405	1,282
6	924	846	427	608	463	1,023	1,146	245	604	1,146	591	576	671
7	42,401	89,212	23,671	57,160	48,398	76,765	68,675	72,083	35,385	120,512	64,548	336,942	46,940
8	124,892	93,626	148,237	108,853	69,065	229,587	460,598	165,790	62,837	287,803	162,858	584,246	276,965

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

		Pawnee.	Payne.	Pittsburg.	Pontotoc.	Pottawato- mie.	Pushma- taha.	Roger Mills.
<b>VALUE OF ALL CROPS</b>								
1	<b>Total</b> .....	dollars... 1,774,041	2,926,238	1,209,104	1,499,043	3,721,800	291,041	1,227,095
2	Cereals.....	dollars... 948,737	1,182,422	440,715	498,202	1,005,720	102,968	505,952
3	Other grains and seeds.....	dollars... 1,475	2,537	552	1,189	5,140	971	6,056
4	Hay and forage.....	dollars... 104,864	197,908	71,130	37,192	172,126	4,455	195,520
5	Vegetables.....	dollars... 76,723	86,674	94,468	103,185	183,764	15,079	20,366
6	Fruits and nuts.....	dollars... 62,319	80,727	18,866	31,945	112,332	1,183	1,143
7	All other crops.....	dollars... 519,923	1,375,976	583,373	827,330	2,242,728	106,385	432,049
<b>SELECTED CROPS (acres and quantity)</b>								
8	<b>Cereals:</b>							
9	Total.....	acres... 95,803	120,953	45,826	56,497	99,939	16,084	103,356
10	Corn.....	bushels... 1,880,808	2,402,676	820,649	987,595	1,980,050	294,959	866,057
11	Oats.....	bushels... 1,646,298	1,853,844	755,944	888,438	1,799,732	200,124	618,290
12	Wheat.....	acres... 131,741	331,371	34,014	75,416	104,578	4,775	68,848
13	Emmer and spelt.....	bushels... 23,903	19,381	595	2,720	889		6,036
14	Barley.....	acres... 26	437	10	2			48,038
15	Rye.....	bushels... 12	12					90
16	Kafir corn and milo maize.....	acres... 120	77		40	110		1,511
17	Other grains:							474
18	Dry peas.....	acres... 149	28	15	29	451	62	5,734
19	Peanuts.....	bushels... 586	141	194	369	1,818	298	100
20	Hay and forage:							1,138
21	Total.....	acres... 26,899	27,760	12,778	5,541	15,655	540	13,888
22	All tame or cultivated grasses.....	tons... 23,514	32,687	12,373	5,423	18,600	732	122,453
23	Timothy alone.....	acres... 2,553	6,067	427	923	3,078	35	8,495
24	Timothy and clover mixed.....	tons... 4,214	10,202	633	1,307	7,922	41	8,671
25	Clover alone.....	acres... 46	34	1				2
26	Alfalfa.....	tons... 44	35	1				1
27	Millet or Hungarian grass.....	acres... 31	6	4				30
28	Wild, salt, or prairie grasses.....	tons... 22	9	9				21
29	Grains cut green.....	acres... 20	7					
30	Coarse forage.....	tons... 25	9					
31	<b>Special crops:</b>							
32	Potatoes.....	acres... 1,142	2,034	91	202	2,688	18	4,987
33	Sweet potatoes and yams.....	tons... 2,495	4,721	229	322	7,497	19	5,948
34	All other vegetables.....	acres... 1,059	3,789	100	621	194	3	3,398
35	Cotton.....	tons... 1,425	5,222	156	885	271	5	2,579
36	Cane, sorghum.....	acres... 23,025	16,219	11,781	4,103	10,531	462	4,305
37	Sirup (made).....	tons... 17,205	12,941	11,026	3,311	7,702	557	4,262
38	Broom corn.....	acres... 544	1,584	300	121	819		524
39	Special crops:							
40	Total.....	tons... 579	2,088	410	116	690		293
41	Coarse forage.....	acres... 777	3,890	180	394	1,227	43	11,210
42	Special crops:							
43	Potatoes.....	tons... 1,516	7,456	304	689	2,286	134	12,203
44	Sweet potatoes and yams.....	acres... 698	528	410	601	2,446	54	211
45	All other vegetables.....	bushels... 48,090	35,606	32,210	41,001	152,155	4,382	9,106
46	Cotton.....	acres... 27	99	166	165	220	22	29
47	Cane, sorghum.....	bushels... 2,563	6,280	11,184	13,822	17,060	1,175	1,813
48	Sirup (made).....	acres... 705	1,033	998	788	1,565	169	679
49	Broom corn.....	acres... 16,996	48,934	23,557	30,143	75,093	4,781	15,743
50	Cane, sorghum.....	bales... 6,535	18,367	7,286	9,478	27,314	1,218	2,338
51	Sirup (made).....	acres... 263	448	499	790	1,111	74	258
52	Broom corn.....	tons... 611	1,086	1,146	1,731	3,040	160	472
53	Special crops:							
54	Total.....	gallons... 4,518	8,681	9,828	12,546	24,597	2,701	1,451
55	Broom corn.....	acres... 450	472		35	13		10,348
56	Special crops:							
57	Total.....	pounds... 142,330	184,703		15,550	4,412		3,710,842
58	<b>FRUITS AND NUTS</b>							
59	<b>Orchard fruits:</b>							
60	Total.....	trees... 245,777	283,211	74,147	58,319	470,220	10,948	140,336
61	Apples.....	bushels... 65,436	90,650	17,426	12,942	100,679	1,240	203
62	Peaches and nectarines.....	tons... 141,050	167,769	24,194	14,966	301,707	2,240	13,149
63	Pears.....	bushels... 53,311	79,551	6,822	5,225	80,498	205	82
64	Plums and prunes.....	trees... 78,005	87,116	46,064	41,201	139,034	8,161	108,036
65	Cherries.....	bushels... 9,270	9,633	9,639	7,142	17,221	947	109
66	Grapes.....	trees... 5,386	8,317	994	632	10,695	209	1,526
67	Small fruits:							
68	Total.....	bushels... 227	441	190	99	303	50	1
69	Strawberries.....	trees... 12,209	9,768	2,453	1,213	12,640	312	11,674
70	Blackberries and dewberries.....	bushels... 2,423	775	740	384	2,419	38	10
71	Cherries.....	trees... 6,162	6,651	377	225	4,622	24	3,621
72	Grapes.....	bushels... 142	160	29	75	98		1
73	Small fruits:							
74	Total.....	vines... 57,514	70,159	7,457	4,480	155,829	210	20,298
75	Strawberries.....	pounds... 214,638	276,380	20,750	9,970	284,264	1,200	8,587
76	Nuts:							
77	Total.....	acres... 87	163	17	16	156		14
78	Pecans.....	quarts... 104,983	188,037	17,018	14,608	132,884	380	5,876
79	Blackberries and dewberries.....	acres... 35,070	48,987	8,238	8,200	44,557	150	106
80	Nuts:							
81	Total.....	quarts... 68,414	131,824	7,830	4,258	85,110	230	3,920
82	Pecans.....	trees... 1,052	6,091	21	7,227	15,600		410
83	Pecans.....	pounds... 2,358	17,310	1,130	316,295	75,985		100
84	Pecans.....	acres... 465	2,311	21	7,227	15,409		28
85	Pecans.....	pounds... 2,188	6,260	1,129	316,295	74,625		

TABLE 5.—SELECTED FARM EXPENSES AND

		Pawnee.	Payne.	Pittsburg.	Pontotoc.	Pottawato- mie.	Pushma- taha.	Roger Mills.
1	<b>Labor</b> .....							
2	Farms reporting.....	803	1,228	840	972	1,933	232	822
3	Cash expended.....	dollars... 87,997	131,948	90,003	77,977	154,833	22,119	71,350
4	Rent and board furnished.....	dollars... 20,046	23,593	22,655	14,845	33,410	7,853	10,815
5	<b>Fertilizer</b> .....							
6	Farms reporting.....	6	11	10	8	18	1	5
7	Amount expended.....	dollars... 205	837	160	660	698	30	60
8	<b>Feed</b> .....							
9	Farms reporting.....	792	840	993	1,175	1,973	286	595
10	Amount expended.....	dollars... 77,212	59,869	87,358	74,133	105,217	14,563	55,204
11	<b>Receipts from sale of feedable crops</b> .....	dollars... 303,401	248,207	110,954	100,243	205,262	16,376	70,484

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

	Rogers.	Seminole.	Sequoyah.	Stephens.	Texas.	Tillman.	Tulsa.	Wagoner.	Washing- ton.	Washita.	Woods.	Woodward.
1	1,001,353	1,819,184	1,750,370	2,090,272	884,380	3,059,338	1,372,944	1,872,937	473,903	3,346,883	2,003,142	1,188,566
2	815,284	430,023	481,223	1,010,673	477,276	1,587,596	1,038,510	661,182	373,936	1,777,528	1,589,470	717,705
3	277	975	1,800	7,450	8,313	4,152	573	770	204	3,284	1,543	7,459
4	87,174	27,744	24,552	81,708	199,753	114,512	109,535	80,811	66,596	225,308	186,331	217,998
5	48,036	44,750	94,320	63,716	18,546	33,366	58,739	72,065	20,057	69,757	32,381	25,577
6	14,243	8,154	27,013	21,875	119	6,829	14,377	25,507	3,563	9,609	480	2,390
7	30,339	1,300,932	1,121,397	904,850	180,373	1,312,853	151,210	1,032,602	9,547	1,261,337	192,928	217,377
8	81,014	46,848	45,944	120,742	132,640	147,916	93,596	79,679	41,117	204,744	193,384	146,672
9	1,607,361	867,667	922,921	2,036,482	682,807	2,978,715	2,051,993	1,328,029	749,420	2,880,779	2,040,224	1,130,437
10	68,881	45,758	43,979	118,990	6,557	113,391	90,397	73,952	35,983	127,538	75,787	92,084
11	1,300,401	843,079	893,463	2,003,289	33,360	2,365,130	1,979,220	1,197,667	640,437	1,439,843	646,458	653,066
12	7,908	909	1,903	1,287	4,676	17,090	1,977	4,771	2,908	20,189	4,648	4,562
13	231,735	22,478	20,423	27,181	34,668	381,724	56,100	118,125	70,176	547,662	127,841	88,431
14	4,445	22	48	48	48,732	14,749	1,059	930	701	43,834	94,032	27,196
15	61,677	225	559	214,774	26,911	201,794	15,226	11,837	8,178	664,548	1,080,716	218,952
16					3,480					46		198
17					26,911					1,184		3,021
18					719	20		7	3	338	459	155
19					4,971	400		120	52	5,877	5,911	1,971
20					23	96		15	6	142	177	215
21	30				200	465		200	110	1,426	899	2,080
22	350	99	1	394	68,380	2,666	163	4	1,516	12,857	23,281	22,282
23	4,213	1,885	20	5,253	367,658	29,667	1,447	80	23,467	160,239	172,199	102,916
24	30	35	108	152	78	110	37	20		114	15	87
25	115	209	889	984	443	392	328	315		978	220	292
26		8	1	212	3	27				14	4	9
27	10	210	27	4,766	145	332	37	8		330	66	78
28	19,861	4,666	2,798	11,764	51,411	10,855	20,279	14,973	13,905	18,633	23,695	35,533
29	20,446	3,908	3,547	8,954	32,771	11,809	21,994	16,437	15,101	20,445	28,155	35,245
30	839	280	667	2,583	4,513	4,018	1,170	620	363	12,050	5,472	5,884
31	840	227	1,007	2,032	4,040	5,653	1,587	869	468	15,437	6,856	6,145
32	232		45				315	164	118		178	60
33	255		46				377	192	121		128	60
34	118		15				110	71	10			
35	130		21				120	52	10			
36	28				50	5				15		
37	30				80	5				19		
38	20	21	282	945	2,350	4,273	146	70	59	10,603	4,613	2,910
39	19	18	614	929	3,311	5,341	297	129	123	13,996	5,941	3,136
40	65	58	168	937	2,091	321	256	27	63	1,378	671	2,438
41	99	69	142	1,059	1,232	289	412	46	94	1,371	777	2,457
42	18,015	4,139	1,990	7,412	9,126	1,679	18,595	14,230	13,293	3,495	4,136	9,584
43	10,038	3,520	2,414	3,955	7,882	1,388	19,266	16,387	13,852	1,960	3,243	7,975
44	229	52	119	189	407	932	42	66		131	171	814
45	175	45	90	101	334	466	52	90		108	138	646
46	178	189	22	1,580	37,275	3,326	472	57	249	2,957	13,916	19,251
47	393	377	36	2,266	19,915	4,302	1,089	91	781	2,940	17,918	20,479
48	197	204	1,585	187	96	74	665	1,126	153	234	419	283
49	11,751	13,483	123,487	9,612	3,095	2,746	41,393	54,600	8,855	10,541	19,006	9,710
50	22	78	26	113	3	69	68	71	17	40	12	15
51	1,107	0,197	1,783	6,197	177	4,192	5,399	4,571	1,216	4,211	453	1,547
52	668	445	571	1,213	578	654	456	828	240	1,204	362	444
53	914	44,812	45,983	50,419	204	69,763	4,398	28,705	63	65,344	234	533
54	362	17,083	14,827	12,052	33	10,356	1,977	13,890	37	16,298	44	71
55	185	533	698	231	173	231	183	416	118	234	12	18
56	439	1,684	1,615	1,626	211	385	574	994	189	344	8	26
57	6,523	17,294	20,547	15,538	1,287	1,521	4,165	13,216	2,371	315		345
58	4		2	94	23,901	270	25	57		357	14,494	13,251
59	1,000		1,000	12,350	2,655,915	66,960	10,000	17,000		84,666	2,827,182	2,892,210
60	59,027	19,148	66,695	65,487	6,802	42,475	40,186	35,631	11,734	282,086	228,673	219,615
61	15,557	8,196	30,975	15,722	6	2,846	11,957	28,915	2,788	4,774	34	312
62	42,202	6,858	13,610	10,535	1,529	2,635	24,420	22,656	6,934	36,701	22,613	15,886
63	13,769	3,218	6,376	6			10,243	21,018	2,657	372	19	213
64	13,809	9,816	49,770	47,531	3,637	34,541	12,677	11,479	2,743	199,252	163,700	175,173
65	1,131	4,716	23,947	14,390	2,713	1,418	7,397	85	4,246			81
66	779	337	793	1,756	341	834	1,407	446	1,313	6,016	4,803	2,731
67	42	53	313	42			91	227	31	10		9
68	1,577	1,809	1,999	3,083	568	3,185	905	594	516	17,446	15,503	11,567
69	548	603	303	603		105	186	150	12	80	12	3
70	548	266	497	1,346	439	497	641	407	189	10,955	14,175	7,892
71	64	26	36	23			16	80	1	37	3	3
72	9,931	325	811	20,195	740	10,598	4,494	9,148	2,267	97,622	44,069	57,807
73	8,550	2,412	1,235	75,499		30,702	7,430	12,740	1,665	39,994	6,949	28,003
74	14	6	82	37	1	23	25	7		35	3	16
75	17,712	5,698	71,732	28,436	788	13,419	23,611	8,586	7,400	22,508	1,768	8,151
76	4	3	80	2		1	18	2	5			
77	4,989	2,825	70,532	1,230		1,129	18,652	2,250	4,580	1,289	26	80
78	10	3	35	1		21	6	5	3	33	2	14
79	12,008	2,873	1,000	27,206	275	11,290	3,997	0,266	1,950	21,063	1,140	5,734
80	2,663	1,380	101	1,163	24	4,086	1,675	7,998	108	584	122	650
81	1,140	23,331	3,590	3,450			3,450	121,301	2,150			10
82	2,275	1,378	84	1,145			1,675	7,720	100			75
83	1,140	23,331	2,340	3,450			3,450	87,501	1,750			

## RECEIPTS, BY COUNTIES: 1909—Continued.

1	513	1,069	1,490	1,001	939	1,299	534	1,089	326	1,529	1,154	971
2	68,148	72,178	130,383	95,366	93,956	173,670	76,337	118,602	45,218	144,401	178,000	85,580
3	22,040	13,663	19,474	18,097	17,787	39,988	23,644	18,602	13,681	31,597	31,994	26,437
4	6	44	26	1	5			9	3	3	4	5
5	325	103	1,739	20	329		95	410	60	307	64	57
6	468	1,092	1,563	755	1,737	691	597	692	264	808	925	879
7	90,377	56,641	64,730	65,031	193,543	66,810	65,900	71,297	28,066	79,406	107,778	98,948
8	255,551	56,558	75,456	325,485	39,482	659,000	357,064	242,678	101,370	234,113	73,118	115,963

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

		THE STATE.	Adair.	Alfalfa.	Atoka.	Beaver.	Beckham.	Blaine.	Bryan.	Caddo.	Canadian.
1	Incllosures reporting domestic animals...	48,741	276	524	110	49	479	500	924	821	748
2	Value of domestic animals.....dollars..	11,685,338	67,817	166,353	40,074	14,651	97,628	133,265	188,662	187,494	186,220
<b>Cattle:</b>											
3	Total number.....	72,980	1,295	390	315	117	330	457	1,090	700	407
4	Value.....dollars..	1,971,439	23,660	14,576	6,054	2,584	12,192	14,234	32,140	23,404	18,197
5	Number of dairy cows.....	36,511	387	332	104	48	284	328	783	451	362
<b>Horses:</b>											
6	Total number.....	77,852	393	984	185	125	676	965	1,173	1,507	1,237
7	Value.....dollars..	7,691,073	28,870	136,214	14,560	10,065	55,830	103,043	97,105	142,581	149,022
8	Number of mature horses.....	74,846	375	932	169	121	649	930	1,129	1,471	1,204
<b>Mules and asses and burros:</b>											
9	Total number.....	12,367	122	78	148	13	148	85	415	120	85
10	Value.....dollars..	1,684,063	12,070	11,355	18,215	1,425	25,560	13,960	50,078	10,935	14,440
11	Number of mature mules.....	11,026	111	64	144	11	144	58	380	98	77
<b>Swine:</b>											
12	Total number.....	48,404	643	432	249	85	515	258	1,346	443	447
13	Value.....dollars..	332,713	3,051	4,193	1,225	547	4,036	1,843	9,101	4,522	4,549
<b>Sheep and goats:</b>											
14	Total number.....	1,746	270	4	10	.....	2	16	94	11	5
15	Value.....dollars..	6,050	76	15	20	.....	10	185	238	52	12

		Carter.	Cherokee.	Choctaw.	Cimarron.	Cleveland.	Coal.	Comanche.	Craig.	Creek.	Custer.
1	Incllosures reporting domestic animals...	952	275	728	17	522	871	1,273	638	1,008	535
2	Value of domestic animals.....dollars..	188,943	45,522	148,599	3,095	129,432	104,657	401,906	193,636	264,924	117,317
<b>Cattle:</b>											
3	Total number.....	1,666	348	1,773	23	538	1,282	1,039	1,853	1,101	448
4	Value.....dollars..	45,412	7,972	36,908	712	22,377	24,302	36,942	48,076	31,557	16,976
5	Number of dairy cows.....	955	233	768	16	374	611	742	427	741	389
<b>Horses:</b>											
6	Total number.....	1,157	388	897	37	706	1,047	2,638	1,193	2,085	811
7	Value.....dollars..	115,177	32,447	72,034	2,225	72,579	62,932	278,316	119,315	198,844	87,904
8	Number of mature horses.....	1,124	369	833	35	659	1,003	2,560	1,127	2,029	792
<b>Mules and asses and burros:</b>											
9	Total number.....	183	53	270	2	198	136	484	133	223	72
10	Value.....dollars..	22,905	4,785	30,731	100	29,735	13,788	70,716	19,150	29,500	10,775
11	Number of mature mules.....	151	50	246	1	186	128	454	97	204	64
<b>Swine:</b>											
12	Total number.....	715	113	2,091	7	553	618	1,360	884	683	180
13	Value.....dollars..	5,434	306	8,853	52	4,725	3,621	15,897	7,092	4,986	1,627
<b>Sheep and goats:</b>											
14	Total number.....	8	6	34	2	3	4	8	1	17	6
15	Value.....dollars..	15	12	73	6	16	14	35	3	37	35

		Delaware.	Dewey.	Ellis.	Garfield.	Garvin.	Grady.	Grant.	Greer.	Harmon.	Harper.
1	Incllosures reporting domestic animals...	215	192	229	1,210	803	1,097	422	403	187	49
2	Value of domestic animals.....dollars..	55,367	54,208	72,579	319,859	164,863	245,364	130,129	101,775	37,373	18,098
<b>Cattle:</b>											
3	Total number.....	300	274	195	894	1,065	801	376	512	200	41
4	Value.....dollars..	7,933	6,443	7,374	31,510	30,338	30,650	13,831	16,926	6,193	1,300
5	Number of dairy cows.....	188	170	152	656	679	621	277	281	140	34
<b>Horses:</b>											
6	Total number.....	361	415	459	2,230	1,004	1,623	869	624	218	105
7	Value.....dollars..	40,130	38,185	51,435	252,499	94,153	181,588	100,867	60,525	20,266	13,720
8	Number of mature horses.....	316	393	456	2,168	962	1,589	803	608	211	101
<b>Mules and asses and burros:</b>											
9	Total number.....	36	69	52	204	212	206	63	128	64	17
10	Value.....dollars..	4,710	7,055	8,945	32,570	29,910	30,305	10,980	18,010	9,730	2,770
11	Number of mature mules.....	26	60	44	170	189	178	45	123	59	12
<b>Swine:</b>											
12	Total number.....	366	337	446	417	1,328	496	386	46	180	42
13	Value.....dollars..	2,555	2,474	4,810	3,285	10,337	3,367	4,446	312	1,184	301
<b>Sheep and goats:</b>											
14	Total number.....	18	6	1	4	36	18	1	2	.....	2
15	Value.....dollars..	39	51	15	15	120	54	5	1	.....	7

		Haskell.	Hughes.	Jackson.	Jefferson.	Johnston.	Kay.	Kingfisher.	Kiowa.	Latimer.	Lo Flore.
1	Incllosures reporting domestic animals...	340	623	610	343	419	953	558	670	753	829
2	Value of domestic animals.....dollars..	113,842	153,312	154,274	91,971	65,980	297,796	123,321	162,475	104,583	219,240
<b>Cattle:</b>											
3	Total number.....	2,895	2,569	504	704	695	940	459	551	1,333	6,021
4	Value.....dollars..	55,841	60,083	21,378	15,623	15,965	32,341	15,311	20,901	23,770	102,433
5	Number of dairy cows.....	592	643	398	323	414	569	321	436	2,770	1,224
<b>Horses:</b>											
6	Total number.....	599	768	879	604	518	1,085	976	1,094	805	1,214
7	Value.....dollars..	44,560	70,765	96,286	53,481	37,975	235,973	92,150	119,659	55,485	72,722
8	Number of mature horses.....	577	726	859	568	503	1,879	941	1,049	765	1,094
<b>Mules and asses and burros:</b>											
9	Total number.....	93	136	211	114	67	118	92	130	171	329
10	Value.....dollars..	9,272	16,800	34,633	15,295	7,715	24,369	12,735	18,780	18,212	34,834
11	Number of mature mules.....	79	119	200	101	58	78	81	117	156	297
<b>Swine:</b>											
12	Total number.....	989	908	286	820	654	523	372	315	1,730	2,375
13	Value.....dollars..	4,037	5,628	1,970	7,567	4,368	5,061	2,580	3,415	6,775	8,929
<b>Sheep and goats:</b>											
14	Total number.....	33	16	1	1	7	15	8	4	166	94
15	Value.....dollars..	102	36	7	5	17	52	545	20	341	332

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

	Lincoln.	Logan.	Love.	McClain.	McCurtain.	McIntosh.	Major.	Marshall.	Mayes.	Murray.
1 Inclosures reporting domestic animals...	756	1,164	190	358	513	347	293	250	312	612
2 Value of domestic animals.....dollars..	143,209	207,934	48,296	87,398	137,872	76,104	73,098	58,743	148,661	134,449
3 <b>Cattle:</b>										
4 Total number.....	661	783	427	442	2,223	611	260	500	2,240	840
5 Value.....dollars..	21,425	26,829	9,248	12,788	38,684	15,046	7,719	11,485	66,379	22,949
6 Number of dairy cows.....	529	656	219	285	752	367	212	244	347	613
7 <b>Horses:</b>										
8 Total number.....	1,075	1,715	223	505	673	554	550	375	642	794
9 Value.....dollars..	104,585	162,651	24,963	47,010	47,600	47,083	57,225	33,096	64,486	76,448
10 Number of mature horses.....	1,043	1,674	213	485	610	531	533	364	586	762
11 <b>Mules and asses and burros:</b>										
12 Total number.....	117	111	85	36	348	87	45	90	117	213
13 Value.....dollars..	13,086	14,796	11,965	4,350	43,900	10,625	5,970	10,220	14,277	27,955
14 Number of mature mules.....	57	93	76	27	334	75	37	64	70	201
15 <b>Swine:</b>										
16 Total number.....	531	410	298	470	1,920	492	246	620	574	817
17 Value.....dollars..	4,112	3,643	2,003	3,260	7,682	3,350	2,159	3,942	3,514	7,044
18 <b>Sheep and goats:</b>										
19 Total number.....	1	5	9	.....	40	.....	7	.....	2	23
20 Value.....dollars..	1	15	117	.....	106	.....	25	.....	5	53

	Muskogee.	Noble.	Nowata.	Okfuskee.	Oklahoma.	Oklmulgee.	Osage.	Ottawa.	Pawnee.
1 Inclosures reporting domestic animals...	1,096	518	652	379	3,386	837	580	785	571
2 Value of domestic animals.....dollars..	379,324	132,172	180,678	86,407	953,194	194,936	169,699	140,832	144,012
3 <b>Cattle:</b>									
4 Total number.....	2,204	351	610	904	1,581	904	544	814	599
5 Value.....dollars..	59,337	12,558	17,129	20,547	65,050	27,044	18,907	22,039	18,808
6 Number of dairy cows.....	1,280	283	380	336	1,368	628	377	557	419
7 <b>Horses:</b>									
8 Total number.....	2,640	957	1,538	573	5,920	1,375	1,334	1,091	1,018
9 Value.....dollars..	259,573	99,468	141,629	51,166	694,713	133,036	135,430	97,344	109,940
10 Number of mature horses.....	2,628	913	1,479	551	5,839	1,340	1,279	1,049	978
11 <b>Mules and asses and burros:</b>									
12 Total number.....	387	89	161	95	1,134	241	102	122	76
13 Value.....dollars..	53,493	18,550	19,212	11,145	190,273	31,560	13,180	14,843	10,380
14 Number of mature mules.....	363	78	147	87	1,104	232	80	100	50
15 <b>Swine:</b>									
16 Total number.....	929	229	428	420	321	412	357	650	570
17 Value.....dollars..	6,793	1,578	2,673	3,365	2,767	3,261	2,165	4,953	4,806
18 <b>Sheep and goats:</b>									
19 Total number.....	50	3	6	35	18	5	5	253	8
20 Value.....dollars..	128	18	35	184	391	15	17	763	18

	Payne.	Pittsburg.	Pontotoc.	Pottawato- mie.	Pushmata- ha.	Roger Mills.	Rogers.	Seminole.	Sequoyah.
1 Inclosures reporting domestic animals...	870	2,346	725	1,308	358	84	878	209	417
2 Value of domestic animals.....dollars..	148,818	415,222	184,402	255,133	110,504	33,645	240,076	45,898	68,714
3 <b>Cattle:</b>									
4 Total number.....	756	4,889	1,884	1,069	2,029	73	1,180	376	884
5 Value.....dollars..	24,414	144,303	57,373	39,903	32,080	2,538	34,922	8,245	16,840
6 Number of dairy cows.....	443	2,184	790	799	528	60	767	200	422
7 <b>Horses:</b>									
8 Total number.....	1,079	2,725	906	1,617	577	170	1,710	337	475
9 Value.....dollars..	100,474	199,397	89,137	164,368	38,103	19,575	168,578	25,950	36,445
10 Number of mature horses.....	1,047	2,567	865	1,573	532	168	1,632	313	456
11 <b>Mules and asses and burros:</b>									
12 Total number.....	89	558	232	325	356	66	227	77	110
13 Value.....dollars..	17,093	58,389	29,974	46,397	33,790	10,365	20,800	8,340	12,672
14 Number of mature mules.....	64	625	201	306	338	66	195	61	84
15 <b>Swine:</b>									
16 Total number.....	621	2,428	1,125	565	1,623	95	879	438	754
17 Value.....dollars..	6,807	12,770	7,882	4,747	6,520	1,167	6,764	2,830	3,746
18 <b>Sheep and goats:</b>									
19 Total number.....	11	174	13	4	39	.....	5	6	8
20 Value.....dollars..	60	363	36	18	71	.....	12	30	11

	Stephens.	Texas.	Tillman.	Tulsa.	Wagoner.	Washington.	Washita.	Woods.	Woodward.
1 Inclosures reporting domestic animals...	605	164	465	1,346	697	683	505	447	390
2 Value of domestic animals.....dollars..	128,530	41,342	138,571	376,160	126,250	194,469	131,362	91,784	111,276
3 <b>Cattle:</b>									
4 Total number.....	1,147	141	333	1,476	1,089	580	474	272	339
5 Value.....dollars..	29,583	5,216	15,045	50,740	26,068	18,600	18,274	9,318	9,822
6 Number of dairy cows.....	558	115	273	695	599	364	378	241	239
7 <b>Horses:</b>									
8 Total number.....	805	339	695	2,618	737	1,597	761	730	868
9 Value.....dollars..	67,971	31,098	104,239	261,499	76,135	157,817	88,663	70,451	87,325
10 Number of mature horses.....	785	324	661	2,558	709	1,549	725	713	835
11 <b>Mules and asses and burros:</b>									
12 Total number.....	165	28	117	381	135	95	110	66	100
13 Value.....dollars..	19,035	4,605	17,535	58,950	18,835	13,645	17,355	11,620	12,040
14 Number of mature mules.....	151	21	95	354	125	91	96	41	77
15 <b>Swine:</b>									
16 Total number.....	1,464	49	123	732	796	298	763	63	250
17 Value.....dollars..	11,923	423	1,138	4,855	5,165	4,353	7,009	414	2,069
18 <b>Sheep and goats:</b>									
19 Total number.....	6	.....	4	35	17	7	1	1	6
20 Value.....dollars..	18	.....	11	116	47	45	1	1	20

## CHAPTER 4.

### STATISTICS OF IRRIGATION FOR THE STATE AND ITS COUNTIES.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# OKLAHOMA.

## FARMS AND ACREAGE IRRIGATED.

Most of the irrigated land in Oklahoma is in the section made up of the three counties forming the western extension of the state and the adjoining county, Harper. The irrigated acreage in these four counties represented 90.1 per cent of all the land irrigated in the state in 1909. The following table shows for the state as a whole the number of farms and

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

	CENSUS OF—		INCREASE.	
	1910	1900 <sup>1</sup>	Amount.	Per cent.
Number of all farms.....	2 190,192	2 108,000	82,192	76.1
Approximate land area of the state..... acres.	44,424,960	44,424,960		
Land in farms..... acres.	2 28,859,353	2 22,988,339	5,871,014	25.5
Improved land in farms..... acres.	2 17,551,337	2 8,574,137	8,977,150	104.7
Number of farms irrigated.....	4 137	4 124	13	10.5
Acreage irrigated.....	4 4,388	4 2,759	1,629	59.0
Acreage enterprises were capable of irrigating.....	6 6,397	(?)		
Acreage included in projects.....	6 8,528	(?)		
Percentage irrigated of—				
Number of all farms.....	0.1	0.1		
Approximate land area of the state.....	(?)	(?)		
Land in farms.....	(?)	(?)		
Improved land in farms.....	(?)	(?)		
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	2,009			
Excess of acreage included in projects over acreage irrigated in 1909.....	4,140			

<sup>1</sup> Figures for Oklahoma and Indian Territory combined.  
<sup>2</sup> April 15.

<sup>3</sup> June 1.  
<sup>4</sup> In 1909.

<sup>5</sup> In 1899.  
<sup>6</sup> July 1.

<sup>7</sup> Not reported.  
<sup>8</sup> Less than one-tenth of 1 per cent.

**Number of farms irrigated.**—According to the figures presented in the table irrigation was practiced on only 0.1 per cent of the farms of the state in 1909, being an almost negligible factor in agriculture in Oklahoma. The only county in which more than 1 per cent of the farms were irrigated is Cimarron, where the percentage was 2.4.

From 1899 to 1909 the increase in the number of farms irrigated was 10.5 per cent. Since the boundaries of all the counties represented in the table have been changed since 1900 no comparisons by counties can be made.

**Acreage irrigated.**—The total acreage reported as irrigated in 1909 was 4,388 as against 2,759 in 1899, an increase of 59 per cent. This percentage of increase is considerably higher than the percentage of increase in the number of farms irrigated, the average acreage irrigated per farm having increased from 22.3 in 1899 to 32 in 1909.

**Acreage included in projects.**—The table shows that in 1910 existing enterprises were ready to supply water to 6,397 acres, or 2,009 acres more than were irrigated in 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 4,140 acres, which is about two and one-half times the acreage brought under irrigation in the last decade, and almost equal to the total acreage irrigated in 1909. This acreage represents the area which will be available for

the extension of irrigation in the next few years upon the completion of the projects now under construction, and without new undertakings.

**Acreage irrigated, classified by character of enterprise.**—The entire acreage irrigated in Oklahoma in 1909 was supplied with water by enterprises which were controlled by the water users, 2,000 acres, or 45.6 per cent of the total, being served by cooperative enterprises, and 2,388 acres, or 54.4 per cent, by individual and partnership enterprises.

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

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	4,388	100.0
Streams.....	4,255	97.0
Lakes.....	28	0.6
Wells.....	99	1.6
Springs.....	16	0.4
Reservoirs.....	20	0.5

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



**IRRIGATION WORKS.**

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

IRRIGATION WORKS.	CENSUS OF—	
	1910	1900 <sup>1</sup>
Independent enterprises..... number.....	114	( <sup>2</sup> )
Ditches, total length..... miles.....	85	( <sup>2</sup> )
Main ditches..... number.....	47	119
Length..... miles.....	54	68
Capacity..... cubic feet per second.....	155	( <sup>2</sup> )
Lateral ditches..... number.....	106	( <sup>2</sup> )
Length..... miles.....	31	( <sup>2</sup> )
Reservoirs..... number.....	11	( <sup>2</sup> )
Capacity..... acre-feet.....	22	( <sup>2</sup> )
Pumped wells..... number.....	65	( <sup>2</sup> )
Capacity..... gallons per minute.....	1,791	( <sup>2</sup> )
Pumping plants..... number.....	68	( <sup>2</sup> )
Engine capacity..... horsepower.....	107	( <sup>2</sup> )
Pump capacity..... gallons per minute.....	4,541	( <sup>2</sup> )

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

The only items contained in the table for which figures from the census of 1900 are available are the number and length of main ditches, in both of which there were decreases between 1900 and 1910. As crops can be grown in Oklahoma without irrigation, it is probable that some ditches were in use in 1900 which were not in use in 1909, and consequently not reported in the later year.

Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average acreage irrigated per enterprise was 38.5, and the acreage irrigated per mile of main ditch was 81.3. For the enterprises represented by the figures from the preceding census, which include only the systems that received water from streams, the average acreage irrigated per mile of main ditch was 38.5.

There has been little utilization of underground water as yet. The table shows no flowing wells used for irrigation, and only 65 pumped wells, scattered through the state, which watered a total of 69 acres.

**Cost of construction, operation, and maintenance.**—The following table presents statistics in regard to the cost of construction, operation, and maintenance of irrigation enterprises:

	CENSUS OF—	
	1910	1900
Cost of irrigation enterprises.....	<sup>1</sup> \$47,200	<sup>2</sup> \$21,872
Average per acre.....	<sup>3</sup> \$7.38	<sup>4</sup> \$7.93
Estimated final cost of existing enterprises.....	\$47,200	( <sup>5</sup> )
Average per acre included in projects.....	\$5.53	( <sup>5</sup> )
Operation and maintenance:		
Acreage for which cost is reported.....	1,950	( <sup>5</sup> )
Total cost reported.....	<sup>6</sup> \$1,000	( <sup>5</sup> )
Average cost per acre.....	\$0.51	( <sup>5</sup> )

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

The cost of irrigation systems shows an increase of 115.8 per cent from 1900 to 1910, while in the average cost per acre as given in the table there was a slight decrease. The average cost per acre shown for the census of 1910 is based on the acreage under ditch in that year, but since the corresponding acreage for 1900 was not reported, the figure for the average cost at the earlier census is based on the acreage actually irrigated in 1899. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$10.76, representing an increase of 35.7 per cent over the figure for the average cost at the census of 1900.

The acreage for which cost of operation and maintenance in 1909 was reported constitutes 44.9 per cent of the total acreage reported as irrigated in 1909, and 98.5 per cent of the acreage reported as irrigated by the enterprises not under individual or partnership control, that is, by the cooperative enterprises. The cost reported can be said, therefore, to represent fairly the average annual expense for the cooperative enterprises.

**CROPS.**

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

CROP.	IRRIGATED CROPS: 1909				Value.
	Acre- age.	Yield.			
		Unit.	Amount.	Average per acre.	
<b>Cereals:</b>					
Corn.....	77	Bu....	2,025	26.3	\$1,099
Oats.....	80	Bu....	3,350	41.9	1,000
Wheat.....	909	Bu....	25,500	28.3	25,220
<b>Hay and forage:</b>					
Alfalfa.....	1,383	Tons..	1,867	1.35	12,273
Wild, salt, or prairie grasses.....	231	Tons..	277	1.20	5,333

Of the total irrigated acreage of the crops given in the table 50.5 per cent is that of alfalfa. Wheat is next in importance in respect to irrigated acreage with 35.4 per cent of the total, and is followed by "wild, salt, or prairie grasses," with 8.4 per cent.

**COUNTY TABLE.**

The next table gives in detail, for the state and principal counties, the data from the Thirteenth Census that are summarized in this section, except those relating to crops. Comparative data for 1899 are given for the state as a whole, and for Beaver County. Owing to the fact that Cimarron and Texas Counties were organized from Beaver County in 1907, however, the figures for these counties for 1909 should be combined with those for Beaver County in making any comparison with 1899. The only other county shown in the table, Harper, was organized from a part of Woodward in 1907.

# IRRIGATION—OKLAHOMA.

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

[Comparative data for 1899 in italics. These figures include Indian Territory.]

		THE STATE.	Beaver. <sup>1</sup>	Cimarron.	Harper.	Texas.	All other counties.
1	Number of all farms in 1910.....	190,192	3,568	1,307	1,955	3,026	180,336
2	Number of farms irrigated in 1909.....	137	11	32	13	7	74
3	Per cent of all farms.....	0.1	0.3	2.4	0.7	0.2	(2)
4	<i>Number of farms irrigated in 1899.....</i>	<i>124</i>	<i>64</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>(2)</i>
5	Per cent of increase, 1899-1909.....	10.5					(2)
<b>LAND AND FARM AREA</b>							
6	Approximate land area..... acres.....	44,424,900	1,160,320	1,183,360	601,120	1,321,600	40,095,500
7	Land in farms..... acres.....	28,859,353	845,527	293,206	533,417	748,383	26,438,730
8	Improved land in farms..... acres.....	17,551,337	487,283	117,828	280,609	456,356	16,209,201
9	Acreage irrigated in 1909.....	4,388	138	708	2,709	338	435
10	Per cent of total land area.....	(2)	(2)	0.1	0.4	(2)	(2)
11	Per cent of land in farms.....	(2)	(2)	0.2	0.5	(2)	(2)
12	Per cent of improved land in farms.....	(2)	(2)	0.6	1.0	0.1	(2)
13	<i>Acreage irrigated in 1899.....</i>	<i>2,759</i>	<i>1,393</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>1,369</i>
14	Per cent of increase, 1899-1909.....	59.0					(2)
15	Acreage enterprises were capable of irrigating in 1910.....	6,397	259	995	3,881	738	524
16	Acreage included in projects.....	8,528	353	1,165	4,347	1,838	825
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>							
CLASSIFIED BY CHARACTER OF ENTERPRISE.							
17	U. S. Reclamation Service, irrigated in 1909.....						
18	Enterprises were capable of irrigating in 1910.....						
19	Included in projects.....						
20	U. S. Indian Service, irrigated in 1909.....						
21	Enterprises were capable of irrigating in 1910.....						
22	Included in projects.....						
23	Carey Act enterprises, irrigated in 1909.....						
24	Enterprises were capable of irrigating in 1910.....						
25	Included in projects.....						
26	Irrigation districts, irrigated in 1909.....						
27	Enterprises were capable of irrigating in 1910.....						
28	Included in projects.....						
29	Cooperative enterprises, irrigated in 1909.....	2,000	31		1,969		
30	Enterprises were capable of irrigating in 1910.....	3,000	119		2,881		
31	Included in projects.....	3,500	153		3,347		
32	Commercial enterprises, irrigated in 1909.....						
33	Enterprises were capable of irrigating in 1910.....						
34	Included in projects.....						
35	Individual and partnership enterprises, irrigated in 1909.....	2,388	107	708	800	338	435
36	Enterprises were capable of irrigating in 1910.....	3,397	140	995	1,000	738	524
37	Included in projects.....	5,028	200	1,165	1,000	1,838	825
<b>ACREAGE IRRIGATED</b>							
CLASSIFIED BY SOURCE OF WATER SUPPLY.							
38	Supplied from streams.....	4,255	123	684	2,769	336	343
39	By gravity.....	4,205	123	669	2,709	336	308
40	By pumping.....	50		15			35
41	Supplied from lakes.....	28					28
42	By gravity.....	28					28
43	By pumping.....						
44	Supplied from wells.....	69	15	24		2	28
45	Flowing.....						
46	By pumping.....	69	15	24		2	28
47	Supplied from springs.....	10					10
48	Supplied from reservoirs.....	20					20
49	Total acreage supplied by pumping.....	119	15	39		2	63
<b>IRRIGATION ENTERPRISES</b>							
50	Independent enterprises..... number.....	114	11	32	2	5	64
51	<i>Number in 1899.....</i>	<i>47</i>	<i>2</i>	<i>16</i>	<i>2</i>	<i>3</i>	<i>24</i>
52	Per cent of increase, 1899-1910.....	242.1					(2)
53	Main ditches..... number.....	47	2	16	2	3	24
54	<i>Number in 1899.....</i>	<i>119</i>	<i>38</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>81</i>
55	Per cent of increase, 1899-1910.....	* 60.5					(2)
56	Length..... miles.....	54	3	10	19	6	10
57	<i>Length in 1899.....</i>	<i>63</i>	<i>44</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>24</i>
58	Per cent of increase, 1899-1910.....	* 20.0					(2)
59	Capacity..... cubic feet per second.....	155	2	42	68	33	10
60	Laterals..... number.....	106	13	59	20	8	6
61	Length..... miles.....	31	3	13	10	2	3
62	Reservoirs..... number.....	11	5				6
63	Capacity..... acre-feet.....	22	10				12
64	Flowing wells..... number.....						
65	Capacity..... gallons per minute.....						
66	Pumped wells..... number.....	65	7	17		2	39
67	Capacity..... gallons per minute.....	1,791	199	400		15	1,177
68	Pumping plants..... number.....	68	7	18		2	41
69	Engine capacity..... horsepower.....	107	7	32		2	66
70	Pump capacity..... gallons per minute.....	4,541	199	1,240		15	3,087
<b>COST</b>							
71	Cost of enterprises up to July 1, 1910..... dollars.....	47,200	3,699	8,360	18,124	3,238	13,779
72	<i>Cost in 1899.....</i>	<i>21,872</i>	<i>9,267</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>10,405</i>
73	Per cent of increase, 1899-1910.....	115.8					(2)
74	Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	7.38	14.28	8.40	4.67	4.30	26.30
75	<i>Average cost per acre irrigated in 1899.....</i>	<i>7.93</i>	<i>7.18</i>				<i>7.82</i>
76	Estimated final cost of existing enterprises..... dollars.....	47,200	3,699	8,360	18,124	3,238	13,779
77	Average per acre included in projects..... dollars.....	5.53	10.43	7.18	4.17	1.76	16.70
<b>OPERATION AND MAINTENANCE</b>							
78	Acreage for which cost is reported.....	1,969			1,969		
79	Total cost reported..... dollars.....	1,000			1,000		
80	Average per acre for which cost is reported..... dollars.....	0.51			0.51		
81	<i>Average cost per acre in 1899.....</i>						
82	Per cent of increase, 1899-1909.....						

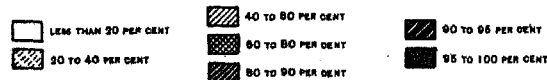
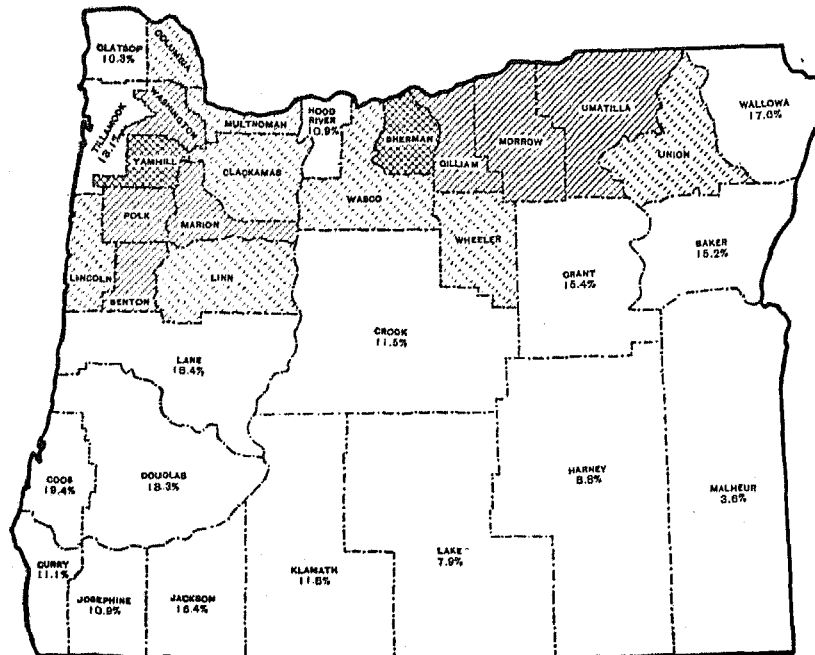
<sup>1</sup> Change of boundary. (See explanation at close of text.)    <sup>2</sup> Less than one-tenth of 1 per cent.    <sup>3</sup> Does not include the same territory for the two censuses.  
<sup>4</sup> Not reported.    <sup>5</sup> Figures relate only to systems obtaining water from streams.    <sup>6</sup> Decrease.  
<sup>7</sup> Total cost for the state includes \$2,200, representing the cost of well systems, which was not shown by counties. County figures relate only to systems obtaining water from streams.

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

PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 19.1.]

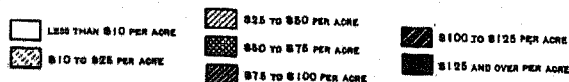
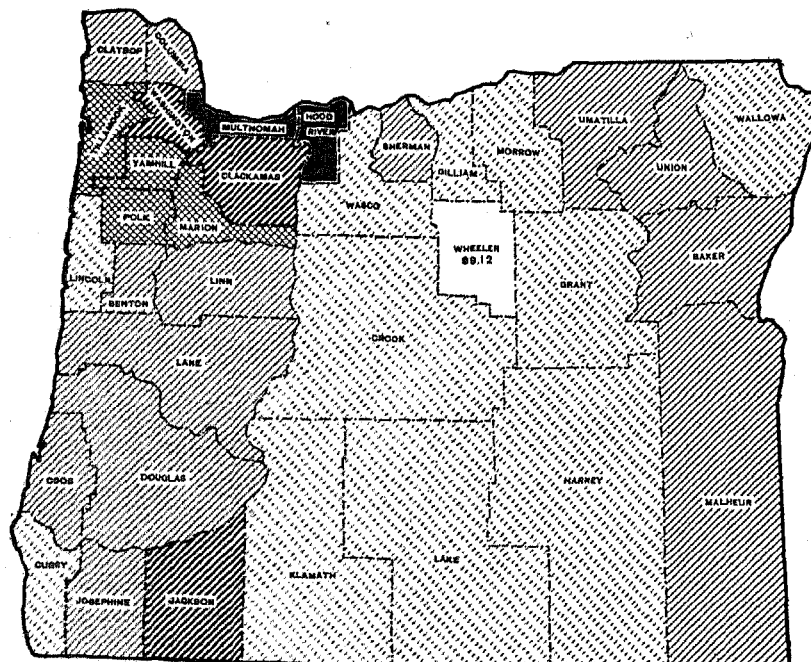
The per cent of land area in farms, when less than 20, is inserted under the county name.



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$35.23.]

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



# OREGON.

## FARMS AND FARM PROPERTY.

Oregon ranks ninth in land area and thirty-fifth in population among the states and territories of continental United States. The surface features of the state are extremely diverse. The altitudes within the state range from sea level along the Pacific coast to an extreme altitude of over 9,000 feet in the summits of the Cascade Ranges.

Along the rugged coast line small valleys and elevated benches constitute excellent agricultural land. Elsewhere the Coast Ranges of mountains rise directly from the sea. They are forested and agriculture is practically undeveloped. Between them and the Cascade Mountains lies the broad interior valley traversed by the Willamette River. The Cascade Mountains are largely forested and too rough for agricultural occupation. These divisions, together with numerous small valleys, constitute western Oregon within which the greater part of the agricultural development has thus far taken place.

Eastern Oregon lies principally within the great Intermountain Region of the Columbia River drainage. The extreme southern and southeastern portion, however, falls within the great Basin Region, which has no outlet to the sea. Within the Intermountain Region there are many irrigated valleys, whose soils consist of loams and sandy loams. The soils are principally derived from basaltic outflows and volcanic ash, although extensive areas of soils derived from lake sediments are also to be found.

With reference to rainfall, Oregon is divided into two distinct sections by the Cascade Mountains. West of the Cascades the annual precipitation ranges from 40 to 100 inches, while east of these mountains it ranges from 10 to 20 inches. East of the mountains irrigation is quite generally practiced, although in some sections grain crops are grown without irrigation.

The two maps on the opposite page show for the different counties the proportion of the total land area of the state which is in farms and the average value of farm land per acre. Of the state's entire land area about one-fifth is in farms. The proportion of land area utilized for agriculture is greatest over the northern third of the state, where the country is less mountainous and where the rainfall is heaviest. As shown by the first map, the proportion of land in farms is less than 20 per cent in 17 counties. Of these, 14 form a continuous group which covers all of the southern half of the state and extends in the northern half into the extreme northeast corner; 2 are in the northwest corner, and 1, Hood River, lies on the northern boundary just east of the Cascade Mountains. Scattered through the northern part of the state are 8 counties in which the proportion ranges from 20 to 40 per cent, and 7 in which it ranges from 40 to 60 per cent, while

in 2 counties, Yamhill to the west and Sherman to the east of the Cascades, it is between 60 and 80 per cent.

The average value of farm land per acre for the whole state is \$35.23, and, as shown by the second map, in but 1 county, Wheeler, is the average less than \$10. This county is surrounded by counties in which the average ranges from \$10 to \$25 per acre and which form an otherwise nearly solid group extending from north to south through the central part of the state. In 3 other counties, including 2 coast counties, and 1, Wallowa, in the northeast corner, the average is also between \$10 and \$25. Thirteen counties report averages between \$25 and \$50, of which 8 are in the western half of the state, 1, Sherman, in the north central part, and 4 in the eastern half of the state. In 4 counties, which form a group in the northwestern part of the state, the average is between \$50 and \$75 per acre, while in 2 counties adjoining these and in 1, Jackson, in the southwest corner, it rises to between \$75 and \$100 per acre. It will thus be seen that in general by far the more valuable land in Oregon is located west of the Cascades, while the least valuable land extends in a broad belt across the center of the state east of the Cascades. In Multnomah County the average value of farm land is about \$230 per acre, and in Hood River County about \$340 per acre. These high average values are due in part to the proximity of the city of Portland, and in part to the presence of a considerable acreage in orchards.

Progress during the decade: 1900 to 1910.—The number of farms in Oregon is 45,502, an increase of 27 per cent over the number in 1900, as compared with an increase of 62.7 per cent in the population of the state. The acreage of farm land is 11,685,110 and that of improved land 4,274,803, representing increases of 16 per cent and 28.4 per cent, respectively, over the corresponding figures for 1900. In this connection, however, it should be noted that the statistics relative to the total acreage and value of farm land in 1900 are not strictly comparable with those for 1910, as an Indian reservation of over 484,000 acres was reported as a farm in Crook County at the earlier census but was not included in the reports for 1910. The apparent decrease during the decade of 24.2 acres, or 8.6 per cent, in the average size of the farms is due largely to this fact. The exclusion of the figures for the reservation referred to from the statistics for 1900 would reduce the decrease to 10.7 acres. In general, the state has experienced a period of exceptional agricultural development during the past decade.

The total value of farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), is \$528,244,000, representing an increase of 205.8 per cent

since 1900. Land alone increased in value 263.9 per cent, compared with an increase of 128.5 per cent in the value of buildings, 103 per cent in that of implements and machinery, and 75.3 per cent in that of live stock. In considering the increase of values in agriculture the general increase in the prices of commodities in the last 10 years should be borne in mind. The average value of a farm, including its equipment,

in 1910 was \$11,609, compared with \$4,821 in 1900. The average value per acre of farm land alone rose from \$11.23 in 1900 to \$35.23 in 1910, an increase of 213.7 per cent.

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. <sup>1</sup>	
			Amount.	Per cent.
Population.....	672,765	413,536	259,229	62.7
Number of all farms.....	45,502	35,837	9,665	27.0
Approximate land area of the state.....acres..	61,188,480	61,188,480	.....	.....
Land in farms.....acres..	11,685,110	10,071,328	1,613,782	16.0
Improved land in farms.....acres..	4,274,803	3,328,308	946,495	28.4
Average acres per farm.....	256.8	281.0	-24.2	-8.6
Value of farm property: Total.....	\$528,243,782	\$172,761,287	\$355,482,495	205.8
Land.....	411,696,102	113,137,820	298,558,282	263.9
Buildings.....	43,880,207	19,199,694	24,680,513	128.5
Implements and machinery.....	13,205,645	6,506,725	6,698,920	103.0
Domestic animals, poultry, and bees.....	59,461,828	33,917,048	25,544,780	75.3
Average value of all property per farm.....	\$11,609	\$4,821	\$6,788	140.8
Average value of land per acre.....	\$35.23	\$11.23	\$24.00	213.7

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

NOTE.—Ranges or ranches using the public domain for grazing purposes but not owning or leasing land were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, averages, and percentages in which the number of farms is a factor. In 1910 there were 62 such ranges included as farms.

**Irrigation.**—Of the 45,502 farms in the state, 6,669, or 14.7 per cent, were reported as irrigated in 1909. The acreage reported as irrigated in 1909 was 686,129 acres, or 16.1 per cent of the improved land in farms. The area to which enterprises existing in 1910 were capable of supplying water was 830,526 acres, and the total acreage included in existing projects completed or under way in 1910 was 2,527,208 acres.

**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- prov- ed.
		Number.	Per cent of in- crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease.			
1910....	672,765	45,502	27.0	11,685,110	16.0	4,274,803	19.1	36.6
1900....	413,536	35,837	40.4	10,071,328	45.8	3,328,308	16.5	33.0
1890....	317,704	25,530	57.4	6,909,888	63.9	3,516,000	11.3	50.9
1880....	174,768	16,217	113.7	4,214,712	76.4	2,198,645	6.9	52.2
1870....	90,923	7,587	30.7	2,389,252	16.0	1,116,290	3.9	46.7
1860....	52,465	5,806	308.8	2,060,539	378.1	896,414	3.4	43.5
1850....	13,294	1,164	.....	432,808	.....	182,887	0.2	30.7

In the 60 years since 1850 a continuous and rapid increase has occurred in the population of the state, in the number of farms, and in the total farm acreage. The acreage of improved land also shows a continuous increase, except for the decade from 1890 to 1900, when a slight decrease occurred. The increase in the number of farms during the period covered by the table has, however, not kept pace with that in population; in 1910 there was one farm to every fifteen inhabitants, as compared with approximately one farm to every eleven inhabitants in 1850. During the last decade the number of farms increased at the rate of 966 per year, as compared with an increase of 1,031 per year between 1890 and 1900, and of 897 per year between 1870 and 1890.

In 1910 the total farm acreage was 11,685,110 and the improved acreage 4,274,803. The proportion of improved farm land was 36.6 per cent in 1910, as compared with 50.9 per cent in 1890, 52.2 per cent in 1880, and 46.7 per cent in 1870; thus since 1890 the total farm acreage has increased with much greater relative rapidity than has the improved acreage. The absolute increase in the total farm acreage has been on the average 238,761 acres per year for the 20 years since 1890, as compared with 226,032 per year for the preceding 20 years. The improved acreage, however, made a greater absolute as well as a greater relative increase during the earlier 20-year period than since 1890, increasing at the rate of 119,986 acres per year between 1870 and 1890, as compared with 37,940 acres per year for the past two decades.

The figures for improved land in 1900 require explanation. Thirty-three per cent of the total farm acreage was then reported as improved, a lower proportion than was reported either for 1890 or 1910. This is explained largely by the fact that the total area in farms included an Indian reservation of over 484,000 acres which was reported as a farm and which consisted almost entirely of unimproved land. The inclusion of this tract lowered the percentage of farm land reported as improved in 1900 and tends to make the total farm acreage reported for that year incomparable with that for the other years shown in the table. Another factor which tended to lower the percentage in 1900, as compared with that in previous census years, was the decrease between 1890 and 1900 in the reported acreage of improved land. Undoubtedly this decrease was due to a more strict construction of the word "improved" in 1900 than at any previous census, an explanation which is borne out by the fact that in the counties from which the greatest decreases in improved acreages were reported there was a decided increase reported in the acreages of the principal crops.

Values of farm property: 1850 to 1910.—The agricultural changes in Oregon 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.....	\$528,243,782	205.8	\$455,576,309	244.3	\$13,205,645	103.0	\$59,461,828	75.3
1900.....	172,761,287	20.8	132,337,514	14.3	6,506,725	42.8	33,917,048	49.8
1890.....	143,024,800	85.8	115,819,200	103.5	4,556,770	54.1	22,648,830	32.4
1880.....	176,975,140	152.0	56,908,575	154.0	2,956,173	128.5	17,110,392	150.6
1870 <sup>2</sup> .....	30,475,381	37.9	22,352,989	47.1	1,293,717	35.8	6,828,676	14.8
1860.....	22,099,161	350.2	15,200,593	493.5	952,313	419.2	5,946,255	216.9
1850.....	4,908,782	.....	2,849,170	.....	183,423	.....	1,876,189	.....

<sup>1</sup> Includes estimated value of range animals.  
<sup>2</sup> 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 \$528,244,000, of which 86.2 per cent is represented by land and buildings, 11.3 per cent by live stock, and 2.5 per cent by implements and machinery.

The total increase in value during the last 10 years was \$355,482,000, or more than eleven times as great as during the decade immediately preceding, and more than double that of the whole period from 1850 to 1900. Of this increase \$323,239,000 was contributed by land and buildings, \$25,545,000 by live stock, and \$6,699,000 by implements and machinery.

The value of farm property increased without interruption, though at widely varying rates, during the six decades following 1850. The periods of compara-

tively slow growth were from 1860 to 1870 and from 1890 to 1900, while the period of the greatest growth, exclusive of the last decade, was from 1870 to 1890. The individual classes of farm property followed the same general course in this respect as did the value of farm property as a whole, except that the greatest increase in the value of implements and machinery and of live stock for the decades preceding 1900 occurred in the decade 1890 to 1900, while the growth in the value of live stock between 1880 and 1890 was comparatively slow.

In 1850 the value of land and buildings was one and one-half times as much as that of live stock; in 1880 it was about three and one-third times as much; in 1910 it was over seven and one-half times as much.

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 Oregon 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. <sup>1</sup>				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	256.8	\$11,609	\$10,012	\$290	\$1,307	\$38.99
1900.....	281.0	4,821	3,693	182	946	13.14
1890.....	270.7	5,602	4,537	178	887	16.76
1880.....	259.9	4,747	3,509	182	1,055	13.50
1870 <sup>2</sup> .....	314.9	4,017	2,946	171	900	9.36
1860.....	354.9	3,806	2,618	164	1,024	7.38
1850.....	371.8	4,217	2,448	158	1,612	6.58

<sup>1</sup> Averages are based on "all farms" in state.  
<sup>2</sup> Includes estimated value of range animals.  
<sup>3</sup> Computed gold values, being 80 per cent of the currency values reported.

The average size of the Oregon farm is 256.8 acres. From 371.8 acres in 1850 it decreased to 259.9 acres in 1880, then increased to 270.7 acres in 1890, since which time it has again decreased. The inclusion of a large Indian reservation as a farm in 1900 caused the average acreage per farm reported to be considerably greater than would otherwise have been the case, and making allowance for this fact it will be seen that the average size in reality varied but little between 1890 and 1900. The state has in its eastern portion a great amount of semiarid land upon which are many stock ranches much greater in size than the farms utilized for general agricultural purposes. During the past few decades, however, these live-stock ranches have formed a constantly decreasing proportion of all the farms in the state, and since the more recently developed farms are mainly of the general farming or fruit-growing type, the average size of all farms has decreased.

The average value of an Oregon farm, including its equipment, is \$11,609, of which \$10,012 represents the average value of land and buildings, \$1,307 that of live stock, and \$290 that of implements and machinery.



Each of these items increased during the last decade, both the absolute and the relative gain being greater than during any other decade covered by the table. Although the total value of live stock has increased continuously since 1850, the average value per farm was greater at that time than at any later census year. This is undoubtedly due to the fact that in these early days the state was almost entirely given over to stock raising. The average value per acre of land and buildings was \$38.99 in 1910, compared with \$13.14 in 1900 and \$16.76 in 1890. In 1850 the average was but \$6.58, since which time, with the exception of the period between 1890 and 1900, it has continuously increased.

**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.....	45,502	35,837	25,530	16,217
<b>Farms operated by owners and managers.....</b>	<b>38,643</b>	<b>29,471</b>	<b>22,324</b>	<b>13,938</b>
Farms consisting of owned land only.....	32,982	24,712	( <sup>1</sup> )	( <sup>1</sup> )
Farms consisting of owned and hired land.....	4,814	4,251	( <sup>1</sup> )	( <sup>1</sup> )
Farms operated by managers.....	847	508	( <sup>1</sup> )	( <sup>1</sup> )
<b>Farms operated by tenants.....</b>	<b>6,859</b>	<b>6,366</b>	<b>3,206</b>	<b>2,279</b>
Share tenants.....	2,927	3,729	2,123	1,538
Share-cash tenants *.....	245			
Cash tenants.....	3,037	2,637	1,083	741
Tenure not specified †.....	650			
<b>Per cent of farms operated by—</b>				
Owners and managers.....	84.9	82.2	87.4	85.9
Tenants.....	15.1	17.8	12.6	14.1
Share and share-cash.....	7.0	10.4	8.3	9.5
Cash and nonspecified.....	8.1	7.4	4.2	4.0

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

The number of all farms, and therefore of all farm operators, is 45,502. Of the farm operators, 37,796 are classified as owners, 847 as managers, and 6,859 as tenants. Of the owners, 32,982 operate exclusively land owned by them, while 4,814 operate land which they rent in addition to that which they own. The tenants are further distributed according to the character of their tenancy; thus 2,927 are share tenants; 245, share-cash tenants; 3,037, cash tenants; and for 650 no report relative to character of tenure was secured.

In 1880 there were 2,279 tenant farms, representing 14.1 per cent of all the farms in the state; in 1910 the number of tenant farms was 6,859, or 15.1 per cent of the total. Thus the percentage of tenant farms is not greatly above that in 1880. There was, however, a sharp increase from 12.6 per cent in 1890 to 17.8 per cent in 1900, followed by a considerable decrease during the last decade. During this decade the number of tenant farms increased 493. Farms rented for cash, including those for which the form of tenure was not reported, have constituted an increasing proportion of all tenant farms throughout the period

covered by the table. In 1880 less than one-third of all tenant farms were in the cash and nonspecified group, while in 1910 more than one-half belonged to this group. The percentage of tenant farms for the state (15.1) is a little below the average for the Pacific division (17.2), and far below the percentage for the United States as a whole (37).

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>11,685,110</b>	<b>10,071,328</b>	<b>4,274,803</b>	<b>3,328,308</b>	<b>\$455,576,309</b>	<b>\$132,337,514</b>
Owners.....	9,030,370	7,411,123	3,061,350	2,540,391	335,780,072	97,877,746
Managers.....	766,007	1,162,468	212,812	135,220	23,725,693	7,313,743
Tenants.....	1,888,733	1,497,732	1,000,641	652,697	91,064,544	27,141,020

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
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	83.1	80.8	77.3	73.6	71.6	76.3	73.7	74.0
Managers.....	1.9	1.4	6.6	11.5	5.0	4.1	6.3	5.5
Tenants.....	15.1	17.8	16.1	14.9	23.4	19.6	20.0	20.5

It will be seen that in 1910, 77.3 per cent of all land in farms was in farms operated by their owners (including part owners), 6.6 per cent in farms operated by managers, and 16.1 per cent in farms operated by tenants, the percentage for owners and for tenants being higher and that for managers lower than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (904.4 acres) was much greater than that of farms operated by tenants (274.5 acres), which was in turn larger than that of farms operated by owners. The average size of tenant farms increased between 1900 and 1910, while that of farms operated by owners and by managers decreased. In 1910 the percentage of farm land improved was highest for farms operated by tenants, and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		PER CENT OF FARM LAND IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>256.8</b>	<b>281.0</b>	<b>93.9</b>	<b>92.9</b>	<b>36.6</b>	<b>33.0</b>	<b>\$10,012</b>	<b>\$3,693</b>	<b>\$38.99</b>	<b>\$13.14</b>
Owners.....	239.1	255.9	81.0	87.7	33.9	34.3	8,884	3,379	37.16	13.21
Managers.....	904.4	228.2	251.3	266.2	27.8	11.6	33,915	14,407	37.50	6.30
Tenants.....	274.5	235.3	145.9	102.5	63.1	43.6	13,277	4,283	48.37	13.12



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

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

CLASS.	OWNED FARMS. <sup>1</sup>		OWNED FARM HOMES.		OWNED FARM HOMES. <sup>2</sup>	
	1910		1900		1890	
	Number.	Per cent. <sup>3</sup>	Number.	Per cent. <sup>3</sup>	Number.	Per cent.
Total.....	37,796		28,638		22,593	
Free from mortgage.....	24,855	66.3	20,708	74.8	17,240	76.6
Mortgaged.....	12,632	33.7	7,010	25.2	5,257	23.4
Unknown.....	309		862			

<sup>1</sup> Includes all farms owned in whole or in part by the operator.  
<sup>2</sup> The 616 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.  
<sup>3</sup> Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 37,796. Of this number, 24,855 were reported as free from mortgage; 12,632 were reported as mortgaged; and for 309 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 33.7 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is higher than in 1890 or in 1900. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that the increase from 1890 to 1910 in the total number of owned farms was almost equally divided between those free of mortgage and the mortgaged farms, while during the last decade the greater increase occurred in the number mortgaged.

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 12,632 farms reported as mortgaged, 10,643 are wholly owned by the farmers, and for 10,274 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 <sup>1</sup>	1890 <sup>2</sup>	Amount.	Percent
Number.....	10,274	5,257		
Value—Land and buildings.....	\$93,525,449	\$22,917,073		
Amount of mortgage debt.....	\$21,165,627	\$6,841,047		
Per cent of debt to value.....	22.6	29.9		
Average value per farm.....	\$9,103	\$4,359	\$4,744	108.8
Average debt per farm.....	\$2,060	\$1,301	\$759	58.3
Average equity per farm.....	\$7,043	\$3,058	\$3,985	130.3

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

The average debt of mortgaged farms increased during the 20-year period from \$1,301 to \$2,060, or 58.3 per cent, while the average value of such farms rose from \$4,359 to \$9,103, or 108.8 per cent. Thus the owner's equity increased from \$3,058 to \$7,043, or 130.3 per cent. As a result of the greater relative increase in farm values than in farm debt, the mortgage indebtedness, which was 29.9 per cent of the value of the mortgaged farm in 1890, had decreased to 22.6 per cent of this value in 1910.

**Farms by size groups: 1910 and 1900.**—Of all the farms in Oregon, 26.4 per cent are from 100 to 174 acres in size, 15.1 per cent from 20 to 49 acres, and 14.9 per cent from 50 to 99 acres. Nearly three-fifths of all the farms in the state are, therefore, from 20 to 174 acres in size. About one-third of all farms comprise 175 acres or over, nearly half of this group being between 260 and 499 acres.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Percent.	1910	1900
Total.....	45,502	35,837	9,665	27.0	100.0	100.0
Under 3 acres.....	244	404	-160	-39.6	0.5	1.1
3 to 9 acres.....	2,639	1,027	1,612	157.0	5.8	2.9
10 to 19 acres.....	3,147	1,640	1,507	91.9	6.9	4.6
20 to 49 acres.....	6,588	4,083	2,505	68.7	15.1	11.4
50 to 99 acres.....	6,800	4,673	2,127	45.5	14.9	13.0
100 to 174 acres.....	12,009	11,055	954	8.6	28.4	30.8
175 to 259 acres.....	3,680	3,402	278	8.2	8.1	9.5
260 to 499 acres.....	5,603	5,826	-163	-2.8	12.4	16.3
500 to 999 acres.....	2,716	2,440	276	11.3	6.0	6.8
1,000 acres and over..	1,716	1,287	429	33.3	3.8	2.6

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

A study of the distribution of farms by size groups discloses the fact that between 1900 and 1910 the greatest actual increase—2,805—occurred in those of 20 to 49 acres, while the greatest relative increase—157 per cent—took place in those from 3 to 9 acres in size. A decrease of 163, or 2.8 per cent, occurred in the farms from 260 to 499 acres in size, while the number of places under 3 acres reported as farms decreased by 160 and now represents but one-half of 1 per cent of the total number of farms. In general, the figures show an increasing proportion of farms in each of the groups between 3 and 99 acres and of farms of 1,000 acres and over, and a decrease in the proportion of places under 3 acres in size and of farms containing from 100 to 999 acres.

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 6,030) and also the farms of between 175 and 499 acres (numbering 9,343):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	11,685,110	10,971,328	4,274,803	3,328,308	\$455,576,309	\$132,337,514
Under 20 acres.....	55,128	29,799	42,075	21,358	23,517,963	4,031,865
20 to 49 acres.....	227,085	140,689	127,814	71,604	37,654,879	7,192,420
50 to 99 acres.....	495,834	350,734	238,549	151,310	48,774,337	10,518,760
100 to 174 acres.....	1,753,678	1,647,337	583,111	548,873	82,682,016	23,970,966
175 to 499 acres.....	2,791,920	2,815,702	1,140,175	1,148,316	124,131,232	44,780,823
500 to 999 acres.....	1,876,662	1,657,634	818,971	633,790	59,579,881	19,928,580
1,000 acres and over.....	4,484,803	3,429,453	1,324,108	732,997	79,236,581	21,914,105

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	
Under 20 acres.....	13.3	8.6	0.5	0.3	1.0	0.6	5.2	
20 to 49 acres.....	15.1	11.4	1.9	1.4	3.0	2.2	3.3	
50 to 99 acres.....	14.9	13.0	4.2	3.5	5.6	4.5	10.7	
100 to 174 acres.....	26.4	30.8	15.0	16.4	13.6	16.5	18.1	
175 to 499 acres.....	20.5	25.7	23.9	28.0	26.7	34.5	27.2	
500 to 999 acres.....	6.0	6.8	16.1	16.5	19.2	19.6	13.1	
1,000 acres and over.....	3.8	3.6	38.4	34.1	31.0	22.0	17.4	

Of the total farm acreage of the state in 1910, 38.4 per cent was in farms of 1,000 acres and over, this being from the standpoint of aggregate acreage the most important size group, although it comprised only 3.8 per cent of the total number of farms. Between 1900 and 1910 there was an increase in the proportion of the total acreage contained in farms of less than 100 acres, and also in the proportion in farms of 1,000 acres and over, while there was a decrease in the proportion contained in farms in all intermediate size groups.

In general, as shown by the table below, the percentage of farm land improved diminishes as the size of the farm increases, but the percentage is higher in farms of 175 to 499 acres than in farms of 100 to 174 acres and higher in farms of 500 to 999 acres than in those of either of the two preceding size groups. As a result partly of the higher proportion of improved land in small farms and partly of 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.

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.....	38.6	33.0	\$10,012	\$3,693	\$38.99	\$13.14
Under 20 acres.....	76.3	71.7	3,900	1,313	426.60	135.30
20 to 49 acres.....	56.3	50.9	5,467	1,762	105.82	51.13
50 to 99 acres.....	48.1	43.1	7,173	2,251	88.37	29.99
100 to 174 acres.....	38.3	33.3	6,885	2,108	47.15	14.55
175 to 499 acres.....	40.8	40.8	13,286	4,853	44.40	15.90
500 to 999 acres.....	43.6	39.4	21,937	8,167	31.75	12.02
1,000 acres and over.....	29.5	21.4	40,175	17,027	17.67	6.39

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

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Own-ers.	Ten-ants.	Man-agers.	Per cent of total.		
	Num-ber.	Per cent distribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	45,502	100.0	37,796	6,859	847	83.1	15.1	1.9
Native white.....	35,819	78.7	29,215	5,883	721	81.6	16.4	2.0
Foreign-born white..	9,056	19.9	8,103	835	118	89.5	9.2	1.3
Negro and other non-white.....	627	1.4	478	141	8	76.2	22.5	1.3

Nearly four-fifths of the Oregon farmers were native whites and one-fifth foreign-born whites. Only 627, or 1.4 per cent of the total, were nonwhites, 452 being Indians; 83, Japanese; 65, Chinese; and 27, negroes. Among the native white farmers 16.4 per cent were tenants, as compared with 9.2 per cent among the foreign-born white farmers.

Of the 9,056 foreign-born white farmers in Oregon in 1910, 2,492 were born in Germany; 1,024 in Canada; 866 in Sweden; 784 in England; 680 in Switzerland; 533 in Norway; 498 in Denmark; and 410 in Ireland. Other European countries were represented by a total of 1,734 farmers, and non-European countries, other than Canada, by 35.

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, 42,209, or 92.8 per cent, report domestic animals of some kind, the number without any domestic animals being only 3,293.

Of all farms, cattle are reported by 83 per cent, "dairy cows" by 80.6 per cent, and "other cows" by 23.9 per cent. The farms reporting dairy cows show an average of 5 per farm, whereas the average number of other cows per farm reporting is 20. The number of all classes of cattle reported, except calves, was greater in 1910 than in 1900. The exception in the case of calves is explained by the fact that 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 168,323 to 76,238, and the average value decreasing from \$9.13 to \$6.94.

Horses are reported by 85.3 per cent of all the farms in the state, but only 24 per cent report colts born in 1909, and 11.3 per cent spring colts. The average value of mature horses is about three times as great as in 1900. Only about one farm in every twenty-five reports mules or mule colts. The average values of mules are considerably higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 6,356 farms, or 14 per cent of all the farms in the state. Of these farms, 81.4 per cent report spring lambs, the number of the latter being equal to 51.2 per cent of the number of ewes. Ewes are reported from all but 354 of the farms reporting sheep, and for the farms reporting the average is 241 per farm. Those reporting rams and wethers show an average of 133 per farm. The average flock, exclusive of spring lambs, numbers 308, while in 1900 it numbered 293.

Of all farms, 49.4 per cent report swine, the average number being 10 per farm reporting. Only 20 per cent

of all farms report spring pigs, doubtless because of the early date of enumeration. The average value of the swine reported under the head of "hogs and pigs born before January 1, 1910," is \$9.77.

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

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	42,209	92.8	.....	\$58,243,921	.....
<b>Cattle</b> .....	37,748	83.0	725,255	17,570,685	\$24.23
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	36,684	80.6	172,550	6,302,765	36.53
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	10,804	23.9	217,480	5,129,426	23.59
Heifers born in 1909.....	17,752	39.0	83,102	1,245,353	14.99
Calves born after Jan. 1, 1910.....	19,807	43.5	76,238	520,317	6.94
Steers and bulls born in 1909.....	7,556	16.6	57,567	1,030,652	18.01
Steers and bulls born before Jan. 1, 1909.....	6,797	14.9	93,146	2,854,608	30.65
Unclassified cattle.....	36	0.1	25,172	472,564	18.77
<b>Horses</b> .....	38,803	85.3	271,708	25,181,143	\$26.68
Mares, stallions, and geldings born before Jan. 1, 1909.....	38,581	84.8	229,545	23,393,536	101.91
Colts born in 1909.....	10,900	24.0	30,154	1,424,342	47.24
Colts born after Jan. 1, 1910.....	5,122	11.3	10,081	299,005	29.66
Unclassified horses.....	40	0.1	1,928	64,260	33.33
<b>Mules</b> .....	1,880	4.1	9,927	1,185,788	\$119.45
Mules born before Jan. 1, 1909.....	1,528	3.4	7,708	1,044,573	135.52
Mule colts born in 1909.....	510	1.1	1,782	124,857	70.07
Mule colts born after Jan. 1, 1910.....	216	0.5	437	16,358	37.43
<b>Asses and burros</b> .....	270	0.6	548	150,777	\$275.14
<b>Swine</b> .....	22,465	49.4	217,877	1,570,949	\$7.22
Hogs and pigs born before Jan. 1, 1910.....	20,482	45.0	139,306	1,361,094	9.77
Pigs born after Jan. 1, 1910.....	9,105	20.0	78,271	209,255	2.07
<b>Sheep</b> .....	6,356	14.0	2,699,135	12,213,942	\$4.53
Ewes born before Jan. 1, 1910.....	6,002	13.2	1,447,785	8,070,909	5.57
Rams and wethers born before Jan. 1, 1910.....	3,840	8.4	510,557	2,421,520	4.74
Lambs born after Jan. 1, 1910.....	5,175	11.4	740,793	1,721,513	2.32
<b>Goats</b> .....	4,144	9.1	185,411	370,637	\$2.00

Poultry on farms: 1910 and 1900.—The increase in the number of fowls on Oregon farms during the last decade amounts to 32.8 per cent, while the value shows an increase from \$583,000 to \$1,068,000, or 83.3 per cent. The increase in number is confined to chickens, there being a decrease in the number of every other kind of fowl reported. The number of farms reporting poultry increased from 29,997 to 37,126, or 23.8 per cent; thus the average number of fowls per farm reporting increased from 46 to 49. 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.

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.	Per cent of all farms.			
Total.....	37,126	81.6	1,823,680	\$1,067,743	1,378,203
Chickens.....	37,071	81.5	1,753,224	972,606	1,290,818
Turkeys.....	4,433	9.7	26,684	61,772	36,031
Ducks.....	1,976	4.3	10,757	8,371	19,774
Geese.....	2,599	5.7	14,106	16,191	26,580
Guinea fowls.....	842	1.9	2,608	1,769	( <sup>1</sup> )
Pigeons.....	588	1.3	15,764	5,156	( <sup>2</sup> )
All others <sup>3</sup> .....	19	( <sup>4</sup> )	537	1,878	( <sup>2</sup> )

<sup>1</sup> Included with chickens.

<sup>2</sup> Not reported.

<sup>3</sup> Nine farms report 508 pheasants, valued at \$1,606; 8 farms report 21 peafowls, valued at \$167; 1 farm reports 3 wild geese, valued at \$5; 1 farm reports 5 wild turkeys, valued at \$100.

<sup>4</sup> Less than one-tenth of 1 per cent.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees has decreased from 8,895 in 1900 to 8,861 in 1910, or 0.4 per cent. The number of colonies of bees decreased from 55,585 to 47,285, or 14.9 per cent, and their value decreased from \$160,382 to \$150,164, or 6.4 per cent. The average value of bees per farm reporting was \$18.03 in 1900 and \$16.95 in 1910. Only one farm in every five 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, 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.

#### 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 36,684, but only 30,065 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

KIND.	Number of inclo- sures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	14,143	.....	\$4,997,977	.....
All cattle.....	8,927	17,006	588,005	\$34.58
Dairy cows.....	8,753	12,014	507,878	42.27
Horses.....	8,928	30,203	4,124,678	136.57
Mules.....	201	1,377	232,230	168.65
Asses and burros.....	38	73	15,816	216.66
Swine.....	641	3,060	27,634	9.03
Sheep.....	71	1,755	5,580	3.18
Goats.....	89	1,684	4,034	2.40

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, more than two-thirds 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.	
	Num- ber.	Value.	Num- ber.	Value.	Num- ber.	Value.
Total.....	.....	\$63,241,898	.....	\$58,243,921	.....	\$4,997,977
All cattle.....	742,261	18,168,690	725,255	17,570,685	17,006	588,005
Dairy cows.....	184,564	6,810,643	172,550	6,302,765	12,014	507,878
Horses.....	301,911	29,305,821	271,708	25,181,143	30,203	4,124,678
Mules.....	11,304	1,418,018	9,927	1,185,788	1,377	232,230
Asses and burros.....	621	166,593	548	150,777	73	15,816
Swine.....	220,637	1,598,583	217,577	1,570,949	3,060	27,634
Sheep.....	2,700,890	12,219,522	2,699,135	12,213,942	1,755	5,580
Goats.....	187,095	374,671	185,411	370,637	1,684	4,034

The total value of all domestic animals in the state in 1910 was \$63,242,000, of which the value of animals not on farms constituted 7.9 per cent.

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 27,564 (some-what less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 134,000. The amount of milk reported was 56,107,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 417 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 \$6,067,000, which may be defined as the total value of dairy products, exclusive of milk and cream used on the farm producing.

Only about one-fourth of the amount of milk reported as produced by Oregon farmers in 1909 was sold as such. Large quantities of milk and cream were sold on the butter fat basis. The butter made on farms in 1909 was valued at \$1,600,000.

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.

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

	FARMS REPORTING.		Number of quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	36,684	80.6	172,550	Head	.....	.....
On farms reporting dairy products in 1909.....	30,065	66.1	151,371	Head	.....	.....
On farms reporting milk produced in 1909.....	27,564	60.6	134,424	Head	.....	.....
Specified dairy products, 1909:						
Milk reported.....			56,106,599	Gals	.....	.....
Butter made.....	23,053	50.7	5,667,964	Lbs	\$1,599,931	\$0.28
Cheese made.....	153	0.3	169,205	Lbs	23,151	0.14
Milk sold.....	3,751	8.2	14,040,108	Gals	2,156,576	0.15
Cream sold.....	2,294	5.0	827,541	Gals	701,177	0.85
Butter fat sold.....	5,456	12.0	5,211,133	Lbs	1,536,189	0.30
Butter sold.....	9,517	20.9	2,446,158	Lbs	706,301	0.29
Cheese sold.....	60	0.1	154,328	Lbs	20,460	0.13
Total receipts from sales, 1909					5,170,703	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					6,067,024	.....
Specified dairy products, 1899:						
Butter made.....	25,091	70.0	8,107,450	Lbs	.....	.....
Cheese made.....	461	1.3	467,256	Lbs	.....	.....
Butter sold.....			4,092,642	Lbs	777,989	0.19
Cheese sold.....			397,967	Lbs	45,898	0.11

**Wool: 1909 and 1899.**—The total number of sheep of shearing age in Oregon on April 15, 1910, was 1,958,000, representing a decrease of 0.2 per cent as compared with the number on June 1, 1900 (1,961,000). The approximate production of wool during 1909 was 2,126,000 fleeces, weighing 18,842,000 pounds, and valued at \$3,783,000. Of these totals about one-eighth represents estimates. The number of fleeces produced in 1909 was 0.6 per cent less than in 1899. The average weight per fleece in 1909 was 8.9 pounds, as

compared with 8.6 pounds in 1899, and the average value per pound was 20 cents, as compared with 13 cents in 1899.

The table below gives statistics as to the production of wool on farms, the figures being partly based on estimates: <sup>1</sup>

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	6,038	1,958,342	.....	.....	.....
Wool produced, as reported, 1909.....	4,773	.....	1,860,374	16,459,722	\$3,306,179
On farms reporting sheep April 15, 1910.....	4,367	1,656,481	1,798,057	15,937,557	3,199,648
On other farms.....	406	.....	62,317	522,165	106,531
Total production of wool (partly estimated):					
1909.....			2,125,717	18,841,862	3,782,721
1899.....			2,139,504	18,349,660	2,300,741
Increase, 1899 to 1909.....			-13,787	492,202	1,385,980
Per cent of increase.....			-0.6	2.7	57.8

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

**Goat hair and mohair: 1909 and 1899.**—Although 4,144 farmers reported 185,411 goats and kids on their farms April 15, 1910, only 3,075 reported the production of goat hair or mohair during 1909. These farmers reported 141,588 fleeces, weighing 523,435 pounds, and valued at \$128,230. The production showed a decided increase between 1899 and 1909. 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 total number of fowls on Oregon farms on April 15, 1910, was 1,824,000. Of the 37,126 farms reporting fowls, 6,460 did not report any eggs produced in 1909, and 7,790 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 10,556,000 dozens, valued at \$2,582,000. According to the Twelfth Census reports, the production of eggs in 1899 was 7,710,000 dozens, the value being \$1,162,000. 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

<sup>1</sup> Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 1,671 farmers who reported the possession of 301,861 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.

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 11,907,000 dozens, valued at \$2,913,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 2,655,000 fowls, valued at \$1,417,000.

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.....	37,126	1,823,680		
On farms reporting eggs produced in 1909.....	30,666	1,634,686		
On other farms.....	6,460	198,994		
Eggs produced, as reported, 1909.....	31,119		10,555,840	\$2,582,331
Total production of eggs (partly estimated):				
1909.....			11,906,903	2,912,840
1899.....			7,709,970	1,162,071
Increase, 1899 to 1909.....			4,196,933	1,750,778
Per cent of increase.....			54.4	150.7
Eggs sold, as reported, 1909.....	23,178		6,233,626	1,531,932
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	29,336	1,585,964		
On other farms.....	7,790	237,716		
Poultry raised, as reported, 1909.....	29,066		No. of fowls. 2,309,350	1,231,954
Total poultry raised (partly estimated):				
1909.....			2,655,492	1,416,608
1899.....				826,687
Increase, 1899 to 1909.....				589,921
Per cent of increase.....				71.4
Fowls sold, as reported, 1909.....	18,337		957,644	584,460

**Honey and wax: 1909.**—Although, as noted elsewhere, 8,861 farms reported 47,285 colonies of bees on hand April 15, 1910, 3,428 of these farms, with 11,498 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 839,981 pounds of honey, valued at \$92,476, and 8,383 pounds of wax, valued at \$2,034. The true totals are doubtless somewhat above these figures.

**Sale or slaughter of domestic animals on farms: 1909 and 1899.**—The total value of domestic animals sold during 1909 was \$14,973,000 and that of animals slaughtered on farms \$2,461,000, making an aggregate of \$17,434,000. This total, however, involves con-

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

The total value of the cattle (including calves) sold during 1909 represented about one-half of the total value of animals sold, and the value of sheep 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 value of those slaughtered during 1899, which amounted, respectively, to \$6,598,000 and \$1,566,000.

The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales, whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

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

	FARMS REPORTING.		Number of animals.	VALUE.	
	Num-ber.	Per-cent of all farms.		Total.	Aver-age.
<b>1909—All domestic animals:</b>					
Sold.....				\$14,972,615	
Slaughtered.....				2,461,159	
<b>Calves:</b>					
Sold.....	6,181	13.6	30,473	259,214	\$8.51
Slaughtered.....	9,539	21.0	40,756	286,941	7.04
<b>Other cattle:</b>					
Sold.....	13,973	30.7	249,733	7,109,132	28.47
Slaughtered.....	5,946	13.1	24,292	578,514	23.82
<b>Horses:</b>					
Sold.....	6,104	13.4	21,455	2,204,891	102.77
<b>Mules:</b>					
Sold.....	346	0.8	1,685	181,751	107.86
<b>Asses and burros:</b>					
Sold.....	37	0.1	71	13,220	186.20
<b>Swine:</b>					
Sold.....	8,148	17.9	129,641	1,414,722	10.91
Slaughtered.....	18,153	39.9	102,755	1,520,479	14.80
<b>Sheep:</b>					
Sold.....	3,018	6.6	998,484	3,780,066	3.74
Slaughtered.....	1,395	3.1	15,786	62,930	3.99
<b>Goats:</b>					
Sold.....	887	1.9	28,832	59,589	2.67
Slaughtered.....	763	1.7	4,868	12,295	2.53
<b>1899—All domestic animals:</b>					
Sold.....				6,598,325	
Slaughtered.....				1,565,895	

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

## CROPS.

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

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

The total value of crops in 1909 was \$49,041,000. Of this amount, 86.2 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 2,281,288, representing 53.4 per cent of

the total improved land in farms (4,274,803 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.

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1900	1899	Increase. <sup>1</sup>		1909	1899	1909	1899	Increase. <sup>1</sup>		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$49,040,725	\$21,806,687	\$27,234,038	124.9	100.0	100.0
<b>Crops with acreage reports</b> .....	<b>2,281,288</b>	<b>2,027,856</b>	<b>253,432</b>	<b>12.5</b>	<b>53.4</b>	<b>60.9</b>	<b>42,293,157</b>	<b>19,396,848</b>	<b>22,896,309</b>	<b>118.0</b>	<b>86.2</b>	<b>88.9</b>	
Cereals.....	1,242,300	1,222,648	19,652	1.6	29.1	36.7	17,860,136	9,271,500	8,588,636	92.6	36.4	42.5	
Other grains and seeds.....	1,039	4,162	-3,123	-75.0	(?)	0.1	40,240	50,263	-10,023	-19.9	0.1	0.2	
Hay and forage.....	939,979	731,823	208,156	28.4	22.0	22.0	15,225,957	6,147,018	9,078,939	147.7	31.0	28.2	
Hops.....	21,770	15,433	6,337	41.1	0.5	0.5	2,888,800	937,513	1,901,347	202.8	5.8	4.3	
Sugar crops.....	1,329	2,549	-1,220	-47.9	(?)	0.1	83,045	18,530	64,515	28.7	0.2	0.3	
Sundry minor crops.....	52	292	-240	-82.2	(?)	(?)	3,349	5,632	-2,283	-40.5	(?)	(?)	
Potatoes and sweet potatoes and yams.....	44,270	30,062	14,208	47.3	1.0	0.9	2,099,606	1,211,937	887,669	73.2	4.3	5.6	
Other vegetables.....	23,129	16,345	6,784	41.5	0.5	0.5	2,448,917	1,074,408	1,374,449	127.9	5.0	4.9	
Flowers and plants and nursery products.....	2,298	1,672	1,226	114.4	0.1	(?)	1,051,853	247,370	804,483	325.2	2.1	1.1	
Small fruits.....	5,122	3,470	1,652	47.6	0.1	0.1	641,194	386,632	254,562	65.8	1.3	1.8	
<b>Crops with no acreage reports</b> .....							<b>6,747,568</b>	<b>2,409,839</b>	<b>4,337,729</b>	<b>180.0</b>	<b>13.8</b>	<b>11.1</b>	
Seeds.....							370,941	31,908	339,033	1,062.5	0.8	0.1	
Fruits and nuts.....							3,452,205	\$1,071,129	2,381,076	222.3	7.0	4.9	
Forest products of farms.....							2,889,991	1,300,724	1,589,267	122.2	5.0	6.0	
Miscellaneous.....							34,431	6,078	28,353	466.5	0.1	(?)	

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

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

<sup>3</sup> Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The general character of Oregon agriculture is indicated by the fact that somewhat more than one-third (36.4 per cent) of the total value of crops in 1909 was contributed by the cereals, somewhat less than one-third (31.0 per cent) by hay and forage, and about one-tenth (9.3 per cent) by potatoes and other vegetables. The remainder, representing 23.3 per cent of the total, consisted mostly of fruits and nuts, forest products, and hops.

The value of crops in 1909 was 124.9 per cent greater than in 1899, this increase being, no doubt, due in part to higher prices. There was an increase of 12.5 per cent in the total acreage of crops for which acreage was reported, all of the important crops showing increases in acreage; the increase in the acreage of cereals was relatively small, and that in hay and forage comparatively large.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The leading crops covered by the next table, in the order of their importance as judged by value, are hay and forage, \$15,226,000; wheat, \$10,849,000; oats, \$5,037,000; hops, \$2,839,000; and potatoes, \$2,099,000. It should be noted, however, that the production of vegetables, other than potatoes and sweet potatoes and yams, is more important than that of potatoes; statistics for such vegetables are given in a later table.

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total</b> .....		<b>1,242,300</b>	<b>26,343,230</b>	Bu...	<b>\$17,860,136</b>
Corn.....	3,715	17,280	451,757	Bu...	310,430
Oats.....	13,636	339,162	10,881,286	Bu...	5,037,104
Wheat, total.....	13,202	763,187	12,456,751	Bu...	10,849,036
Common winter.....	10,392	621,532	10,323,000	Bu...	8,931,233
Common spring.....	3,756	141,551	2,133,751	Bu...	1,914,804
Durum or macaroni.....	9	104	2,990	Bu...	2,849
Emmer and spelt.....	84	719	24,746	Bu...	14,972
Barley.....	3,283	108,847	2,377,735	Bu...	1,513,310
Buckwheat.....	30	168	3,314	Bu...	2,156
Rye.....	728	12,913	147,024	Bu...	132,755
Kafir corn and milo maize.....	4	24	617	Bu...	312
<b>Other grains and seeds with acreage report, total</b> .....		<b>1,039</b>	<b>17,973</b>	Bu...	<b>40,240</b>
Dry edible beans.....	675	562	8,032	Bu...	23,342
Dry peas.....	159	436	9,944	Bu...	16,035
<b>Seeds with no acreage report, total</b> .....					<b>370,941</b>
Timothy seed.....	26	(?)	2,035	Bu...	4,467
Clover seed.....	473	(?)	18,033	Bu...	118,276
Alfalfa seed.....	97	(?)	8,096	Bu...	68,265
Vetch seed.....	533	(?)	90,855	Bu...	152,030
Other tame grass seed.....	207	(?)	31,304	Bu...	29,744
Flower and garden seeds.....	41	(?)			6,089
<b>Hay and forage, total</b> .....	<b>939,979</b>	<b>939,979</b>	<b>1,587,796</b>	Tons.	<b>15,225,957</b>
Timothy alone.....	2,689	40,166	67,239	Tons.	724,091
Timothy and clover mixed.....	4,689	66,652	129,278	Tons.	1,449,854
Clover alone.....	5,057	47,435	83,909	Tons.	929,144
Alfalfa.....	4,708	120,427	375,445	Tons.	3,275,220
Millet or Hungarian grass.....	56	1,310	1,690	Tons.	14,232
Other tame or cultivated grasses.....	3,085	60,808	106,126	Tons.	1,063,978
Wild, salt, or prairie grasses.....	2,533	218,071	248,917	Tons.	1,084,046
Grains cut green.....	22,954	373,748	509,030	Tons.	5,735,931
Coarse forage.....	2,364	10,462	57,107	Tons.	292,929
Root forage.....	630	945	59,532	Tons.	59,532
Potatoes.....	25,215	44,265	4,822,962	Bu...	2,099,606
Sweet potatoes and yams.....	11	5	843	Bu...	
Hops.....	1,071	21,770	16,582,562	Lbs...	2,838,860
Sundry minor crops, total.....		52			3,349

<sup>1</sup> Includes small amounts of flaxseed and peanuts.

<sup>2</sup> Includes small amount of millet seed.

<sup>3</sup> The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers, and plants, etc.

<sup>4</sup> Includes small amounts of tobacco, ginseng, and teasels.



The total acreage of cereals is about one and one-third times that of hay and forage and their value about one and one-fifth times that of the latter crop. The two leading cereals, oats and wheat, combined exceed in acreage and value the entire hay and forage crop. The acreage and value of oats are less than one-half those of wheat and more than three times as great as those of barley.

Of the total acreage and total value reported for hay and forage, alfalfa represents, respectively, over one-eighth and slightly more than one-fifth. On the other hand, "grains cut green," with an acreage over three times that of alfalfa, represents less than two-fifths of the total value. "Wild, salt, or prairie grasses" rank second in acreage and third in value, while "timothy and clover mixed," with less than one-third as great an acreage, stands fourth in both respects.

Among "other grains and seeds" and "sundry crops," hops and potatoes are the most important. Potatoes, with an acreage little more than one-eighth that of oats, have a value about two-fifths that of the latter crop, and hops, though having an acreage less than one-half that of potatoes, greatly exceed them in value.

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

CROP YEAR.	ACRES HARVESTED.					
	Oats.	Wheat.	Barley.	Hay and forage.	Potatoes.	Hops.
1909.....	339,162	763,187	108,847	939,979	44,265	21,770
1899.....	261,406	873,379	60,375	731,823	30,035	15,433
1889.....	218,736	553,652	37,722	467,061	17,965	3,180
1879.....	151,624	445,077	29,311	166,506	(1)	304

<sup>1</sup> Not reported.

With the exception of wheat each of the cereals shows an increase in acreage during each decade covered by the table. Oats show a steady gain for the whole period, the largest increase occurring during the past decade. During the first 20 years of the period wheat nearly doubled its acreage, but for the past decade it shows a slight decrease. Barley has increased continuously, nearly quadrupling its acreage during the 30-year period.

The acreage of hay and forage increased over four and one-half fold during the 30-year period, the greatest gain, both absolute and relative, being made in the first decade, when it nearly trebled. During the 20 years since 1889 the acreage of potatoes shows a gain of 146.4 per cent, while that of hops increased during the 30-year period from 304 to 21,770.

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. <sup>1</sup>	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
	Corn.....	8.2	7.9	0.4	0.5	1.7	26.1 Bu.
Oats.....	30.0	35.5	7.9	7.9	29.7	32.1 Bu.	14.85
Wheat.....	29.0	45.6	17.9	26.2	-12.6	16.3 Bu.	14.22
Barley.....	7.2	8.3	2.5	1.8	80.3	21.8 Bu.	13.90
Hay and forage.....	72.4	81.7	22.0	22.0	28.4	1.69 Tons.	16.20
Potatoes.....	55.4	63.4	1.0	0.9	47.4	109.0 Bu.	47.41
Hops.....	2.4	3.1	0.5	0.5	41.1	761.7 Lbs.	130.40

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

Of every 100 farms, 72 report hay and forage; 55, potatoes; 30, oats; 29, wheat; 8, corn; 7, barley; and 2, hops. Each of these crops, with the exception of corn, is reported by a smaller percentage of farmers than in 1899.

The seven crops included in the preceding table cover about 52 per cent of the improved land of the state. Wheat occupied 17.9 per cent of the total acreage of the improved land in 1909, as compared with 26.2 per cent in 1899. Oats, hay and forage, and hops each occupied the same proportion of the total acreage of improved land in 1909 as in 1899, while corn and wheat show decreases, and barley and potatoes show increases in the proportion of improved land occupied. The increase in the total acreage of the cereals for the past ten years is 19,652, or 1.6 per cent; the increase in that of hay and forage, 208,156, or 28.4 per cent.

The average value per acre of all cereals combined is \$14.38, corn and oats exceeding this average; wheat and barley falling below it. The average value per acre of hay and forage is a little above that of the cereals, but only about one-third as great as that of potatoes, and slightly less than one-eighth as great as that of hops.

The decrease in wheat is confined entirely to the counties west of the Cascade Mountains. More than three-fifths of the total wheat acreage is reported from four counties, Umatilla, Sherman, Gilliam, and Morrow, constituting a group along the northern boundary.

In the acreage of oats there has been a general increase, though Umatilla, Tillamook, and Morrow Counties, and a single group of four counties in the southwestern corner of the state report decreases. Approximately three-fourths of the total acreage and total yield of oats for the state is reported from the group of counties occupying the Willamette Valley. Nearly the whole production of hops is also reported from these counties, the greatest acreage and yield being reported by Marion and Polk Counties.

About one-half of the total acreage of potatoes is reported by a small group of counties, comprising

Clackamas, Marion, Multnomah, and Washington, in the lower Willamette Valley. All but three counties report barley. Gilliam and Umatilla report about two-fifths of the total acreage.

In the acreage of hay and forage reported, the leading county is Harney. Nearly one-fifth of the total hay and forage acreage is reported from Klamath, Lake, and Harney Counties, forming a row along the southern boundary. There are but seven scattered counties which show decreases.

The leading counties in the acreage of "grains cut green" are Lane, Linn, Crook, Douglas, Wasco, and Umatilla, the first five reporting over one-third of the total acreage of the state.

Every county except two reports alfalfa. One group, consisting of Umatilla, Union, Baker, and Malheur Counties, extending in a row through the eastern portion of the state, reports about one-half of the total acreage.

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.....	29,036	63.8	23,129	16,345	\$2,448,917	\$1,074,468
Farms reporting a product of \$500 or over.....	498	1.1	3,851	.....	672,679	.....
All other farms.....	28,538	62.7	19,278	.....	1,776,238	.....
Flowers and plants, total.....	140	0.3	130	58	268,833	95,872
Farms reporting a product of \$250 or over.....	72	0.2	.....	.....	236,187	.....
All other farms.....	68	0.1	.....	.....	32,646	.....
Nursery products, total.....	112	0.2	2,108	1,014	783,020	151,498
Farms reporting a product of \$250 or over.....	57	0.1	.....	.....	767,738	.....
All other farms.....	55	0.1	.....	.....	15,282	.....

<sup>1</sup> Does not include 4,948 farms which reported that they had vegetable gardens, but gave no information as to their products.

In 1909 the total acreage of potatoes and other vegetables was 67,399, and their value \$4,548,523. Excluding (so far as reported separately <sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 23,129 and their value \$2,449,000, both acreage and value being decidedly greater than in 1899.

The raising of flowers and plants and of nursery products is also of some importance in Oregon, 2,298 acres being devoted to them in 1909, and the output being valued at \$1,051,853. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

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

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.....		5,122	3,470	9,348,480	\$641,194
Strawberries.....	3,701	2,941	1,792	5,322,040	395,340
Blackberries and dewberries.....	1,307	431	717	915,744	61,066
Raspberries and loganberries.....	3,294	1,460	479	2,644,948	150,729
Currants.....	877	89	169	117,354	9,452
Gooseberries.....	1,465	186	203	307,395	20,893
Cranberries.....	17	14	6	40,864	3,527
Other berries.....	3	1	104	145	178

Strawberries are by far the most important of the small fruits raised in Oregon, with raspberries and loganberries ranking next. The total acreage of small fruits in 1909 was 5,122 and in 1899, 3,470, an increase of 47.6 per cent. The production in 1909 was 9,348,000 quarts, as compared with 6,646,000 quarts in 1899, and the value was \$641,000 in 1909, as compared with \$387,000 in 1899.

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. <sup>1</sup>	Value.	Quantity. <sup>1</sup>
<b>Orchard fruits, total.....</b>	<b>4,583,735</b>	<b>4,309,232</b>	<b>4,423,244</b>	<b>\$3,339,845</b>	<b>1,522,002</b>	<b>\$1,522,002</b>	<b>873,980</b>
Apples.....	23,850	2,029,913	14,327	2,240,636	1,930,926	1,636,944	873,980
Peaches and nectarines.....	7,870	273,162	6,812	508,179	179,030	194,314	101,190
Pears.....	18,133	273,542	8,624	795,669	374,622	366,977	112,225
Plums and prunes.....	18,308	1,764,896	6,486	427,009	1,747,587	838,783	359,821
Cherries.....	17,281	223,456	9,646	313,770	181,089	289,934	65,347
Apricots.....	1,254	10,656	1,186	18,128	4,616	7,727	1,665
Quinces.....	3,317	8,102	1,730	5,216	5,354	5,140	(2)
Mulberries.....	7	8	12	25	20	26	(2)
Unclassified.....	.....	.....	.....	.....	.....	.....	7,774
<b>Grapes.....</b>	<b>4,816</b>	<b>381,302</b>	<b>2,840</b>	<b>468,598</b>	<b>3,206,874</b>	<b>98,776</b>	<b>5,389,100</b>
<b>Nuts, total.....</b>	<b>16,902</b>	<b>197,650</b>	<b>177,632</b>	<b>413,208</b>	<b>42,980</b>	<b>42,980</b>	<b>42,980</b>
English or Persian walnuts.....	1,134	9,526	4,300	177,004	17,513	8,288	6,110
Almonds.....	429	3,903	505	4,117	2,468	17,520	17,520
Black walnuts.....	261	2,024	156	8,403	69,027	1,538	(2)
Chestnuts.....	104	713	202	1,783	5,731	599	(2)
Unclassified.....	.....	.....	.....	.....	.....	.....	19,350
<b>Tropical fruits (figs.).....</b>	<b>55</b>	<b>149</b>	<b>92</b>	<b>340</b>	<b>5,486</b>	<b>376</b>	<b>550</b>

<sup>1</sup> Expressed in bushels for orchard fruits and pounds for grapes, nuts, and figs.  
<sup>2</sup> Included with "unclassified."  
<sup>3</sup> Consists of products not separately named by the enumerator, but grouped under the designation "all other."  
<sup>4</sup> Includes pecans, butternuts, filberts, French walnuts, Japanese walnuts, hazelnuts, Brazil nuts, beechnuts, chinquapins, hickory nuts, and other nuts.

The total quantity of orchard fruits produced in 1909 was 4,423,000 bushels, valued at \$3,340,000. Apples were the most important of the orchard fruits produced, and plums and prunes ranked next. The production of grapes in 1909 amounted to 3,206,874 pounds, valued at \$98,776, and of nuts to 177,632 pounds, valued at \$13,208.

The production of all orchard fruits together in 1909 was 190.6 per cent greater than in 1899, while that of grapes declined. The value of orchard fruits increased from \$906,000 in 1899 to \$3,340,000 in 1909, while that of grapes declined from \$162,543 in 1899 to \$98,776 in 1909. It should be noted 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 include some duplication, while the values shown for 1909 relate only to the products in their original condition.

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

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Num-ber.	Per cent of all farms.	Unit.	1909	1899
Cider.....	1,346	3.0	Gals....	89,919	64,890
Vinegar.....	1,329	2.9	Gals....	60,648	36,855
Wine and grape juice.....	317	0.7	Gals....	31,232	21,219
Dried fruits.....	1,615	3.5	Lbs....	10,904,713	2,818,200

**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 20,641 farms in Oregon (45.4 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$2,889,991, as compared with \$1,300,724 in 1899, an increase of 122.2 per cent. Of the value in 1909, \$1,226,010 was reported as that of products used or to be used on the farms themselves, \$1,272,860 as that of products sold or for sale, and \$391,121 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

**Sugar crops: 1909 and 1899.**—The table below shows data with regard to sugar beets and sorghum cane. The total value of sugar beets produced in 1909 was \$74,902, as compared with \$63,322 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Num-ber.	Percent of all farms.		Amount.	Unit.	Value.
Sugar beets:						
1909 <sup>1</sup> .....	208	0.5	1,176	15,006	Tons...	\$74,902
1899.....	63	0.2	2,510	14,462	Tons...	63,322
Sorghum cane:						
Total, 1909 <sup>2</sup> .....						8,143
Cane grown.....	85	0.2	153	1,787	Tons.....	
Sirup made.....	17	( <sup>3</sup> )		1,374	Gals....	1,131
Total, 1899.....						1,193
Cane grown.....	33	0.1	39	300	Tons....	
Cane sold as such.....				11	Tons....	43
Sirup made.....				2,473	Gals....	1,150

<sup>1</sup> Includes beets used as root forage.  
<sup>2</sup> Includes cane used as coarse forage.  
<sup>3</sup> Less than one-tenth of 1 per cent.

**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 795 farmers in Oregon sold, during 1909, 10,673 tons of straw, for which they received \$34,198.

#### SELECTED FARM EXPENSES AND RECEIPTS.

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

EXPENSE.	1909			1899	INCREASE.	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	24,229	53.2	\$11,101,864	\$4,842,834	\$6,259,030	129.2
Feed.....	21,012	46.2	3,198,363	( <sup>1</sup> )		
Fertilizer.....	2,887	6.3	68,557	27,395	41,162	150.3

<sup>1</sup> Not reported at the census of 1900.

Over half of the farmers hire labor, the average amount expended by the farmers hiring being \$458. During the decade the total expenditure for labor increased \$6,259,000, or 129.2 per cent. About a sixth of the amount reported as expended for labor is in the form of rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

About one farmer out of every two reports some expenditure for feed, but only about six out of every hundred purchase fertilizer. The total amount reported as paid for fertilizer has increased \$41,162, or 150.3 per cent, during the decade, the average per farm reporting being \$23.75.

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

While the total amount expended by Oregon farmers for the purchase of feed in 1909 was \$3,198,000, the total receipts from the sale of feed by those reporting sales amounted to \$4,514,000.

The table following summarizes the data reported.

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total.....					\$4,514,161
Corn.....	307	0.7	30,909	Bu.....	23,191
Oats.....	5,458	12.0	3,240,248	Bu.....	1,537,994
Barley.....	883	1.9	610,621	Bu.....	389,830
Hay and coarse forage.....	6,629	14.6	252,290	Tons...	2,563,146

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

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

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

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

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

*Change in 1900 figures.*—In 1900, 484,039 acres of the Warm Springs Indian Reservation were included as a farm in Crook County, but are not here included for 1910. Thus the statistics for Crook County and for the state as a whole for 1910 are not entirely comparable with those for 1900.

*Change of boundaries.*—In comparing the data secured in 1910 with those for 1900, the following changes in county boundaries should be considered: Hood River County was organized from a part of Wasco County in 1908, and a part of Union County was annexed to Baker County in 1902.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Baker. <sup>1</sup>	Benton.	Clackamas.	Clatsop.
1 Population.....	672,765	18,076	10,663	29,931	16,106
2 <i>Population in 1900.....</i>	<i>413,533</i>	<i>15,597</i>	<i>6,708</i>	<i>19,658</i>	<i>12,765</i>
3 Number of all farms.....	45,502	1,304	1,098	3,640	309
4 <i>Number of all farms in 1900.....</i>	<i>35,337</i>	<i>725</i>	<i>805</i>	<i>2,608</i>	<i>433</i>
Color and nativity of farmers:					
5 Native white.....	35,819	1,100	937	2,458	123
6 Foreign-born white.....	9,056	139	161	1,172	244
7 Negro and other nonwhite.....	627	5	.....	10	2
Number of farms, classified by size:					
8 Under 3 acres.....	244	9	3	19	2
9 3 to 9 acres.....	2,639	29	40	299	13
10 10 to 19 acres.....	3,147	33	75	382	15
11 20 to 49 acres.....	6,888	123	143	919	49
12 50 to 99 acres.....	6,800	147	131	992	84
13 100 to 174 acres.....	12,009	528	299	708	138
14 175 to 259 acres.....	3,680	126	133	177	24
15 260 to 499 acres.....	5,663	209	176	131	32
16 500 to 999 acres.....	2,716	70	74	15	10
17 1,000 acres and over.....	1,716	30	24	4	2
LAND AND FARM AREA					
18 Approximate land area..... acres.....	61,188,480	1,958,400	440,320	1,192,000	525,440
19 Land in farms..... acres.....	11,685,110	297,695	235,504	301,000	54,221
20 <i>Land in farms in 1900.....</i>	<i>10,071,328</i>	<i>176,155</i>	<i>235,052</i>	<i>298,491</i>	<i>78,515</i>
21 Improved land in farms..... acres.....	4,274,803	137,759	91,663	103,371	12,730
22 <i>Improved land in farms in 1900.....</i>	<i>3,538,808</i>	<i>78,539</i>	<i>86,823</i>	<i>90,061</i>	<i>14,694</i>
23 Woodland in farms..... acres.....	2,237,826	25,851	70,426	97,588	26,444
24 Other unimproved land in farms..... acres.....	5,172,481	134,085	73,415	100,050	15,047
25 Per cent of land area in farms.....	19.1	15.2	53.5	25.2	10.3
26 Per cent of farm land improved.....	36.6	46.3	38.9	34.3	23.5
27 Average acres per farm.....	256.8	223.3	214.5	82.6	146.9
28 Average improved acres per farm.....	63.9	105.6	83.5	28.4	34.5
VALUE OF FARM PROPERTY					
29 All farm property..... dollars.....	528,243,782	15,232,080	11,050,336	29,725,795	2,688,077
30 <i>All farm property in 1900.....</i>	<i>172,761,237</i>	<i>4,145,897</i>	<i>4,647,961</i>	<i>9,261,479</i>	<i>2,173,106</i>
31 Per cent increase, 1900-1910.....	205.8	.....	182.8	221.3	23.4
32 Land..... dollars.....	411,090,102	10,919,695	9,297,294	23,564,509	1,902,690
33 <i>Land in 1900.....</i>	<i>115,137,820</i>	<i>2,190,427</i>	<i>3,531,460</i>	<i>6,664,360</i>	<i>1,559,170</i>
34 Buildings..... dollars.....	43,880,207	1,159,896	1,206,420	3,404,895	394,920
35 <i>Buildings in 1900.....</i>	<i>19,139,694</i>	<i>407,865</i>	<i>349,450</i>	<i>1,595,020</i>	<i>297,610</i>
36 Implements and machinery..... dollars.....	13,205,045	434,543	331,037	813,434	83,336
37 <i>Implements, etc., in 1900.....</i>	<i>6,599,725</i>	<i>146,896</i>	<i>165,030</i>	<i>337,630</i>	<i>109,420</i>
38 Domestic animals, poultry, and bees..... dollars.....	59,461,828	2,717,946	1,115,585	1,942,857	309,931
39 <i>Domestic animals, etc., in 1900.....</i>	<i>33,917,043</i>	<i>1,400,712</i>	<i>651,091</i>	<i>946,879</i>	<i>211,889</i>
Per cent of value of all property in—					
40 Land.....	77.9	71.7	77.8	79.3	70.8
41 Buildings.....	8.3	7.6	10.1	11.5	14.7
42 Implements and machinery.....	2.5	2.9	2.8	2.7	3.1
43 Domestic animals, poultry, and bees.....	11.3	17.8	9.3	6.5	11.4
Average values:					
44 All property per farm..... dollars.....	11,600	11,681	10,884	8,153	7,285
45 Land and buildings per farm..... dollars.....	10,012	9,263	9,566	7,397	6,227
46 Land per acre..... dollars.....	35.23	36.68	30.48	78.29	35.09
47 <i>Land per acre in 1900.....</i>	<i>11.23</i>	<i>12.41</i>	<i>14.55</i>	<i>22.33</i>	<i>21.50</i>
DOMESTIC ANIMALS (farms and ranges)					
48 Farms reporting domestic animals.....	42,209	1,255	1,055	3,411	354
49 Value of domestic animals..... dollars.....	59,243,921	2,683,725	1,069,572	1,829,496	297,273
Cattle:					
50 Total number.....	4,725,255	437,955	411,014	21,370	6,365
51 Dairy cows.....	172,550	4,802	5,083	11,378	3,325
52 Other cows.....	217,480	14,679	1,370	2,259	738
53 Yearling heifers.....	83,102	4,385	1,184	2,788	708
54 Calves.....	76,238	3,039	1,526	2,971	1,134
55 Yearling steers and bulls.....	57,567	3,855	440	932	201
56 Other steers and bulls.....	93,146	6,845	861	1,042	259
57 Value..... dollars.....	4,175,078	489,665	429,059	503,002	190,908
Horses:					
58 Total number.....	4,271,708	12,762	4,317	8,943	855
59 Mature horses.....	229,545	10,585	3,852	8,175	762
60 Yearling colts.....	30,154	1,584	339	640	73
61 Spring colts.....	10,081	593	126	128	20
62 Value..... dollars.....	4,251,143	1,032,964	581,971	1,070,889	90,741
Mules:					
63 Total number.....	9,927	170	64	75	3
64 Mature mules.....	7,708	103	60	71	3
65 Yearling colts.....	1,782	55	4	2	.....
66 Spring colts.....	437	12	.....	2	.....
67 Value..... dollars.....	1,185,788	15,355	10,065	10,090	130
Asses and burros:					
68 Number.....	548	23	8	2	.....
69 Value..... dollars.....	160,777	6,475	1,730	40	.....
Swine:					
70 Total number.....	217,577	8,029	5,421	15,687	1,451
71 Mature hogs.....	139,306	5,457	3,524	9,051	951
72 Spring pigs.....	78,271	2,572	1,897	6,636	600
73 Value..... dollars.....	1,570,949	60,881	38,360	111,549	9,500
Sheep:					
74 Total number.....	2,699,135	149,933	28,579	15,193	1,493
75 Rams, ewes, and wethers.....	1,958,342	111,137	18,811	9,577	1,042
76 Spring lambs.....	740,793	38,796	9,768	5,616	451
77 Value..... dollars.....	12,213,942	676,829	128,159	58,274	5,580
Goats:					
78 Number.....	165,411	129	15,316	10,351	124
79 Value..... dollars.....	370,637	556	28,193	15,051	414
POULTRY AND BEES					
80 Number of poultry of all kinds.....	1,823,680	46,384	58,769	150,708	15,275
81 Value..... dollars.....	1,067,743	25,174	42,038	102,249	8,308
82 Number of colonies of bees.....	47,285	2,285	1,617	3,864	352
83 Value..... dollars.....	150,164	9,047	3,975	11,213	1,369

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

<sup>2</sup> Indian reservation included as a farm in 1900. (See explanation at close of text.)

AGRICULTURE—OREGON.

BY COUNTIES: APRIL 15, 1910.

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

	Columbia.	Coos.	Crook. <sup>2</sup>	Curry.	Douglas.	Gilliam.	Grant.	Harney.	Hood River.	Jackson.	Josephine.	Klamath. <sup>3</sup>
1	10,580	17,959	9,315	2,014	19,674	3,701	5,607	4,059	8,016	25,756	9,567	8,554
2	6,237	10,524	5,004	1,868	14,565	3,201	5,948	2,598	( <sup>1</sup> )	13,898	7,517	5,976
3	813	1,128	1,355	292	2,124	432	773	443	744	1,714	855	925
4	801	868	576	290	1,641	441	697	348	( <sup>1</sup> )	1,356	557	453
5	469	891	1,105	228	1,834	373	657	386	631	1,533	759	645
6	343	231	163	50	268	35	115	57	106	175	96	114
7	1	6	87	14	22		1		7	6		164
8	1	3			3	2	1	12		15	1	5
9	27	40		1	95	1	2		61	141	67	9
10	84	39	2		120		3		200	161	50	12
11	209	149	84	14	251	4	12	3	240	310	144	40
12	203	142	99	19	256	3	19	10	107	250	143	65
13	176	448	590	121	561	77	292	140	84	452	283	312
14	47	123	93	21	239	10	48	34	10	152	70	71
15	44	129	202	60	325	85	195	128	8	147	67	179
16	16	44	122	29	194	100	103	66		50	19	128
17	6	11	103	27	80	150	98	50	3	30	5	105
18	423,680	1,041,920	4,077,920	958,720	3,150,080	768,640	2,892,500	6,357,120	347,520	1,815,040	1,120,640	3,839,360
19	91,372	202,102	571,600	106,772	577,428	434,277	445,170	562,204	38,049	297,171	121,845	454,340
20	142,006	172,350	783,485	103,236	553,168	340,460	316,346	272,877	( <sup>1</sup> )	294,163	66,019	221,554
21	16,112	35,471	139,354	23,916	117,115	340,606	53,045	199,271	14,284	103,238	30,969	176,564
22	18,045	37,622	56,734	23,149	122,907	136,298	41,222	125,549	( <sup>1</sup> )	92,103	22,135	72,239
23	26,317	95,704	61,224	20,274	237,309	4,884	30,988	19,923	12,213	142,371	64,804	73,509
24	48,943	70,897	372,022	57,582	223,904	193,727	342,037	343,010	11,552	51,562	26,072	203,967
25	21.6	19.4	11.5	11.1	18.3	56.5	15.4	8.8	10.9	16.4	10.9	11.8
26	17.6	17.6	24.2	21.5	20.3	54.3	11.9	35.4	37.5	34.7	25.4	38.9
27	112.4	179.2	421.8	365.7	271.9	1,005.3	575.9	1,269.1	51.1	173.4	142.5	490.6
28	19.8	31.4	102.1	78.5	55.1	545.5	68.6	449.8	19.2	60.2	36.2	190.7
29	4,666,278	8,829,700	14,134,843	2,345,576	19,170,380	10,721,357	7,654,412	11,679,664	14,408,138	30,617,669	6,301,459	12,063,776
30	2,237,499	3,193,819	5,000,111	1,462,628	7,074,723	2,677,888	3,097,760	5,728,727	( <sup>1</sup> )	5,322,236	1,521,039	1,962,808
31	104.0	176.5	182.7	60.4	171.0	300.4	154.5	213.2		475.3	314.3	504.8
32	3,280,675	6,753,089	10,027,028	1,732,755	15,109,142	8,191,720	4,451,261	6,942,100	12,037,812	26,924,672	5,065,780	9,168,341
33	1,465,660	2,117,570	2,846,440	899,300	4,764,020	1,438,470	1,220,370	1,457,920	( <sup>1</sup> )	3,614,660	558,209	807,780
34	791,645	953,735	697,832	233,215	1,872,695	517,025	490,830	999,484	1,922,033	676,570	688,745	688,745
35	411,250	412,080	393,680	140,410	376,980	237,120	265,930	262,690	( <sup>1</sup> )	698,810	248,350	241,130
36	157,393	256,495	378,048	55,873	482,949	444,207	206,103	215,336	203,572	516,567	181,876	350,939
37	76,850	102,060	117,600	36,010	255,180	153,910	110,180	77,340	( <sup>1</sup> )	219,880	70,170	99,690
38	436,505	866,381	3,031,935	323,733	1,705,594	1,568,405	2,455,015	4,031,378	267,270	1,254,967	377,233	1,845,551
39	553,719	562,119	1,642,391	286,908	1,178,543	848,358	1,410,780	1,930,777	( <sup>1</sup> )	788,886	243,719	845,203
40	70.3	76.5	70.9	73.9	78.8	76.4	58.2	59.4	89.8	87.9	80.4	76.1
41	17.0	10.8	4.9	9.9	8.8	4.8	7.1	4.2	6.9	6.3	10.7	5.7
42	3.4	2.9	2.7	2.4	2.5	4.1	2.7	1.8	1.4	1.7	2.9	2.9
43	9.4	9.8	21.5	13.8	8.9	14.6	32.1	34.5	1.9	4.1	6.0	15.3
44	5,740	7,828	10,432	8,033	9,026	24,818	9,902	26,365	19,366	17,863	7,370	13,017
45	5,009	6,832	7,915	6,733	7,995	20,159	6,490	16,779	18,733	16,830	6,716	10,645
46	35.90	33.41	17.54	16.23	26.17	18.86	10.00	12.35	340.03	10,600	41.58	20.18
47	10.26	12.29	3.63	9.63	8.61	4.23	3.86	5.34	( <sup>1</sup> )	12.29	9.63	3.56
48	767	1,021	1,224	278	1,978	423	738	421	633	1,550	726	850
49	417,660	841,070	3,013,955	319,756	1,634,927	1,558,045	2,442,783	4,026,112	255,999	1,210,454	364,409	1,827,855
50	7,802	20,046	45,391	5,503	22,474	4,599	439,552	499,811	1,372	10,736	6,525	430,873
51	4,515	5,544	2,908	1,948	6,666	896	3,053	1,840	780	3,824	2,011	3,166
52	580	2,394	18,373	1,944	5,424	1,803	15,286	39,502	116	6,317	1,703	12,106
53	873	2,220	4,968	658	2,152	452	825	9,667	142	2,630	774	3,479
54	1,149	3,601	3,491	788	3,072	567	4,008	2,060	226	1,861	400	4,232
55	206	1,301	4,658	496	1,797	424	4,720	8,223	60	1,282	3,345	3,345
56	479	1,986	9,841	669	3,364	457	7,451	16,737	48	1,416	658	8,804
57	218,782	465,878	1,103,181	115,704	475,976	118,348	482,121	2,126,169	46,036	376,951	134,421	4709,864
58	1,650	2,873	19,929	902	6,883	8,179	11,973	12,886	1,364	5,856	1,990	11,910
59	1,524	2,554	15,276	813	6,025	6,979	9,556	9,858	1,319	5,272	1,742	9,688
60	86	271	2,983	74	612	847	1,882	1,709	37	418	126	1,723
61	40	48	802	15	246	353	535	319	8	166	32	499
62	177,395	295,287	1,190,360	76,909	740,605	803,844	632,513	486,737	203,661	647,687	199,426	907,453
63	10	21	187	45	139	974	178	638	9	303	72	885
64	10	20	159	37	131	828	97	463	9	287	59	463
65		1	21	7	6	119	64	149		11	12	393
66			7	1	2	27	17	26		5	1	29
67	1,475	2,485	16,720	3,520	17,640	137,215	14,910	62,325	1,725	46,415	7,490	72,663
68		5	26	12	5	17	11	40		42	8	46
69		125	6,210	1,785	100	6,245	5,530	17,540		2,067	1,445	21,475
70	2,068	6,282	4,093	2,934	8,940	3,014	3,398	1,450	452	10,889	2,763	4,572
71	1,167	4,154	2,882	1,878	6,176	2,201	2,474	965	374	7,261	1,603	2,739
72	901	2,128	1,211	1,056	2,764	813	924	485	78	3,628	1,160	1,833
73	13,816	34,052	29,926	10,404	51,757	28,878	20,624	11,227	3,897	57,561	12,477	32,686
74	1,752	11,620	142,608	34,911	75,918	100,411	202,073	195,231	225	18,622	776	16,339
75	1,168	7,765	111,003	24,536	49,716	70,337	155,607	145,058	175	15,672	510	10,491
76	584	3,855	31,605	10,375	26,202	30,074	43,466	50,173	50	6,051	259	5,848
77	5,631	38,805	667,419	106,908	288,346	463,413	906,676	912,104	575	70,184	2,784	82,337
78	239	1,052	29	1,330	27,196	26	89	1	15	4,894	1,402	558
79	561	4,438	145	4,526	60,503	102	409	10	45	15,649	5,366	1,377
80	25,249	36,210	30,277	6,306	90,883	20,026	21,054	9,390	15,356	57,827	21,930	25,430
81	16,232	19,734	15,746	2,862	61,392	9,797	9,346	4,636	10,367	31,071	10,810	13,964
82	699	1,685	423	356	3,062	113	898	74	167	1,708	625	755
83	2,673	5,577	2,234	1,115	9,275	563	2,886	430	904	6,572	2,014	3,732

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

<sup>3</sup>Includes animals, age or sex not specified.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Lake. <sup>1</sup>	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.
1 Population.....	4,658	53,783	5,587	22,662	8,601	30,780	4,357
2 <i>Population in 1900.....</i>	<i>2,847</i>	<i>19,604</i>	<i>3,575</i>	<i>18,603</i>	<i>4,203</i>	<i>27,713</i>	<i>4,151</i>
3 Number of all farms.....	712	2,826	961	2,751	801	3,490	614
4 <i>Number of all farms in 1900.....</i>	<i>397</i>	<i>2,370</i>	<i>489</i>	<i>2,417</i>	<i>583</i>	<i>2,754</i>	<i>588</i>
5 Color and nativity of farmers:							
6 Native white.....	614	2,378	700	2,367	604	2,584	527
7 Foreign-born white.....	97	445	225	383	134	866	87
8 Negro and other nonwhite.....	1	3	36	1	3	40	
9 Number of farms, classified by size:							
10 Under 3 acres.....	15	8		7	26	0	1
11 3 to 9 acres.....		149	16	106	8	318	11
12 10 to 19 acres.....	3	180		10	14	364	6
13 20 to 49 acres.....	14	423	71	320	92	758	7
14 50 to 99 acres.....	20	497	135	520	97	714	14
15 100 to 174 acres.....	328	723	562	733	272	670	119
16 175 to 259 acres.....	35	297	63	383	73	203	31
17 260 to 499 acres.....	182	382	84	444	135	202	113
18 500 to 999 acres.....	59	134	16	78	49	61	133
19 1,000 acres and over.....	56	33	4	17	35	14	179
<b>LAND AND FARM AREA</b>							
20 Approximate land area..... acres.	5,068,800	2,951,680	645,120	1,435,520	6,325,120	764,160	1,296,000
21 Land in farms..... acres.	461,555	485,265	158,282	462,337	230,175	394,415	673,997
22 <i>Land in farms in 1900.....</i>	<i>249,288</i>	<i>608,405</i>	<i>89,665</i>	<i>491,459</i>	<i>221,073</i>	<i>596,091</i>	<i>509,958</i>
23 Improved land in farms..... acres.	104,419	159,127	15,238	236,033	81,901	211,087	236,629
24 <i>Improved land in farms in 1900.....</i>	<i>95,824</i>	<i>140,513</i>	<i>8,823</i>	<i>216,582</i>	<i>91,250</i>	<i>199,251</i>	<i>144,457</i>
25 Woodland in farms..... acres.	30,369	99,679	94,119	94,119	4,731	102,408	38,424
26 Other unimproved land in farms..... acres.	266,767	145,368	43,365	132,185	143,543	80,920	399,544
27 Per cent of land area in farms.....	7.9	16.4	24.5	32.2	3.6	51.6	52.0
28 Per cent of farm land improved.....	26.0	32.8	9.6	51.1	35.6	53.5	35.0
29 Average acres per farm.....	564.0	171.7	164.7	168.1	287.4	113.0	1,097.7
30 Average improved acres per farm.....	146.7	56.3	15.9	85.8	102.2	60.5	381.4
<b>VALUE OF FARM PROPERTY</b>							
31 All farm property..... dollars.	9,031,775	23,947,624	4,038,764	27,047,815	12,785,304	36,256,354	10,962,640
32 <i>All farm property in 1900.....</i>	<i>3,416,774</i>	<i>8,473,867</i>	<i>887,078</i>	<i>10,758,040</i>	<i>5,397,497</i>	<i>13,689,000</i>	<i>3,724,409</i>
33 Per cent increase, 1900-1910.....	164.3	182.6	355.0	151.4	137.1	170.8	194.3
34 Land..... dollars.	5,889,622	10,088,058	3,221,420	20,963,372	8,107,016	28,948,165	8,332,090
35 <i>Land in 1900.....</i>	<i>1,824,840</i>	<i>5,815,290</i>	<i>546,010</i>	<i>7,516,860</i>	<i>2,142,860</i>	<i>10,186,780</i>	<i>1,982,831</i>
36 Buildings..... dollars.	396,595	2,332,967	358,745	2,763,405	658,543	3,058,784	558,955
37 <i>Buildings in 1900.....</i>	<i>232,940</i>	<i>1,089,180</i>	<i>187,260</i>	<i>1,869,250</i>	<i>277,360</i>	<i>1,472,140</i>	<i>276,300</i>
38 Implements and machinery..... dollars.	166,125	610,489	102,274	752,094	328,489	383,576	289,720
39 <i>Implements, etc., in 1900.....</i>	<i>82,840</i>	<i>247,770</i>	<i>24,000</i>	<i>484,350</i>	<i>159,780</i>	<i>417,850</i>	<i>146,980</i>
40 Domestic animals, poultry, and bees..... dollars.	2,579,433	1,016,119	356,325	2,568,944	3,691,256	2,465,729	1,782,175
41 <i>Domestic animals, etc., in 1900.....</i>	<i>1,766,154</i>	<i>1,229,667</i>	<i>188,878</i>	<i>1,487,680</i>	<i>2,887,607</i>	<i>1,812,020</i>	<i>1,813,798</i>
42 Per cent of value of all property in—							
43 Land.....	65.2	79.7	79.8	77.5	63.4	79.8	76.0
44 Buildings.....	4.4	9.7	8.9	10.2	5.2	10.9	5.1
45 Implements and machinery.....	1.8	2.5	2.5	2.8	2.6	2.4	2.6
46 Domestic animals, poultry, and bees.....	28.6	8.0	8.8	9.5	28.8	6.8	16.3
47 Average values:							
48 All property per farm..... dollars.	12,685	8,474	4,203	9,832	15,974	10,389	17,854
49 Land and buildings per farm..... dollars.	8,829	7,580	3,725	8,625	10,956	9,429	14,480
50 Land per acre..... dollars.	14.67	39.34	20.35	45.34	35.22	73.40	12.36
51 <i>Land per acre in 1900.....</i>	<i>6.31</i>	<i>11.55</i>	<i>6.10</i>	<i>15.30</i>	<i>9.69</i>	<i>25.72</i>	<i>5.89</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
52 Farms reporting domestic animals.....	564	2,671	706	2,654	759	3,299	586
53 Value of domestic animals..... dollars.	2,572,416	1,839,638	344,219	2,459,932	3,070,413	2,340,670	1,765,436
54 Cattle:							
55 Total number.....	57,620	26,507	7,090	29,008	37,859	25,375	6,161
56 Dairy cows.....	1,733	10,891	3,385	13,802	2,888	13,467	1,653
57 Other cows.....	30,767	4,658	982	3,500	16,931	2,735	1,961
58 Yearling heifers.....	7,026	2,934	891	3,690	4,097	3,669	714
59 Calves.....	4,563	4,344	1,254	4,115	4,226	3,810	793
60 Yearling steers and bulls.....	6,998	1,295	433	1,273	3,433	846	598
61 Other steers and bulls.....	6,023	2,385	745	2,523	5,634	948	442
62 Value..... dollars.	1,184,177	571,840	174,285	737,691	830,872	673,710	178,310
63 Horses:							
64 Total number.....	9,633	8,947	1,213	11,483	15,108	11,288	8,169
65 Mature horses.....	7,798	8,023	1,119	10,000	12,232	10,082	6,974
66 Yearling colts.....	1,376	723	82	1,070	2,124	935	803
67 Spring colts.....	459	201	12	358	752	271	332
68 Value..... dollars.	523,050	1,009,556	115,682	1,353,785	1,028,818	1,983,380	642,071
69 Mules:							
70 Total number.....	467	135	19	150	666	157	610
71 Mature mules.....	374	130	19	148	459	140	412
72 Yearling colts.....	78	4		2	155	17	160
73 Spring colts.....	1	1			52		38
74 Value..... dollars.	40,953	17,260	2,415	19,775	61,169	14,398	67,210
75 Asses and burros:							
76 Number.....	61	10	4	4	35	6	37
77 Value..... dollars.	7,020	310	95	90	11,540	1,410	11,850
78 Swine:							
79 Total number.....	1,898	12,333	1,896	16,389	2,018	17,988	2,615
80 Mature hogs.....	1,261	7,951	1,202	9,773	1,369	11,172	1,952
81 Spring pigs.....	547	4,382	694	6,616	709	6,816	663
82 Value..... dollars.	12,772	79,676	11,713	113,759	15,645	128,362	20,274
83 Sheep:							
84 Total number.....	460,026	30,382	4,518	47,777	360,477	29,310	209,657
85 Rams, ewes, and wethers.....	40,917	19,656	3,174	30,202	260,442	19,177	140,619
86 Spring lambs.....	19,109	10,726	1,344	17,576	100,035	10,133	62,438
87 Value..... dollars.	804,373	107,697	22,130	200,938	1,719,232	114,564	843,770
88 Goats:							
89 Number.....	19	25,890	8,458	20,034	756	14,446	931
90 Value..... dollars.	71	53,399	17,899	33,894	3,137	24,912	1,951
<b>POULTRY AND BEES</b>							
91 Number of poultry of all kinds.....	10,723	123,451	13,763	169,854	26,555	188,614	32,771
92 Value..... dollars.	6,132	67,302	7,599	96,848	13,501	114,684	13,982
93 Number of colonies of bees.....	225	3,388	1,280	4,680	1,745	4,121	3,638
94 Value..... dollars.	885	9,179	4,507	12,164	7,342	10,369	2,757

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



AGRICULTURE—OREGON.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Multnomah.	Polk. <sup>1</sup>	Sherman.	Tillamook.	Umatilla. <sup>1</sup>	Union. <sup>2</sup>	Wallowa.	Wasco. <sup>1, 2</sup>	Washington.	Wheeler.	Yamhill. <sup>1</sup>	Indian reservations.
1	226,261	13,469	4,242	6,266	20,309	16,191	8,364	16,336	21,522	2,484	18,285	.....
2	103,167	9,923	3,477	4,471	18,049	16,070	5,538	13,199	14,467	2,443	13,420	.....
3	1,478	1,557	466	651	2,005	1,309	1,058	1,331	2,871	387	2,218	.....
4	1,276	1,192	545	681	1,593	1,481	803	1,551	2,302	390	1,595	468
5	841	1,311	408	459	1,641	1,158	957	1,040	1,818	350	1,774	.....
6	570	234	58	192	317	147	71	233	1,046	31	427	.....
7	67	12	.....	47	4	4	.....	58	7	.....	17	.....
8	45	3	1	7	5	5	7	15	11	.....	5	.....
9	327	77	.....	13	136	86	10	42	.....	1	231	.....
10	294	126	1	25	158	88	4	34	315	1	217	.....
11	414	238	5	91	252	122	24	89	827	3	435	.....
12	193	262	11	144	131	121	51	88	693	11	413	.....
13	111	365	41	214	376	296	510	450	492	112	426	.....
14	35	178	11	73	111	144	83	101	143	30	218	.....
15	30	213	94	74	320	236	228	262	107	85	205	.....
16	24	80	184	8	295	143	102	155	25	73	57	.....
17	5	15	118	2	221	68	39	95	5	71	11	.....
18	288,640	453,760	555,040	720,000	2,030,720	1,335,680	2,012,800	1,499,520	467,840	1,090,560	456,960	.....
19	86,202	260,367	372,526	94,493	1,050,258	393,769	354,732	543,754	240,328	415,576	274,200	.....
20	102,920	259,847	503,422	101,512	703,353	391,399	193,255	431,600	251,568	284,754	224,385	229,896
21	30,011	137,162	273,918	30,400	544,513	165,499	86,049	171,051	107,919	53,396	136,463	.....
22	34,196	127,072	193,286	26,940	382,763	163,495	55,131	112,059	92,512	22,056	134,832	64,240
23	11,599	71,017	.....	42,490	73,371	77,365	73,256	69,392	69,620	66,093	77,234	.....
24	38,652	51,588	98,008	21,543	432,374	152,905	195,427	303,311	62,789	276,087	60,563	.....
25	29.9	57.4	69.6	13.1	51.7	29.6	17.6	36.3	51.4	33.1	60.0	.....
26	41.7	62.7	73.5	32.2	51.8	41.8	24.3	31.5	44.9	12.8	49.8	.....
27	58.4	107.2	799.4	145.2	523.8	302.3	335.3	408.5	83.7	1,073.8	123.7	.....
28	24.4	38.1	587.8	46.8	271.0	126.4	81.3	123.5	37.6	138.0	61.5	.....
29	23,227,688	17,602,029	11,460,534	7,721,789	39,876,434	16,999,077	11,319,248	15,669,186	28,816,033	5,875,825	23,416,123	.....
30	8,422,825	6,777,763	3,501,040	2,093,762	12,834,927	8,587,507	2,775,566	5,103,542	7,112,422	2,087,748	8,213,547	1,665,832
31	175.8	159.7	219.1	208.8	299.5	.....	307.9	.....	305.1	181.4	184.9	.....
32	19,720,164	14,080,988	9,364,425	6,224,273	32,831,562	13,254,762	7,165,046	12,066,213	23,349,581	3,700,554	19,030,008	.....
33	6,642,490	4,977,240	2,468,760	1,336,682	9,301,870	6,834,100	1,283,805	3,019,650	4,993,829	993,506	5,859,550	1,261,703
34	2,240,514	1,701,975	607,700	639,575	2,169,455	1,344,311	766,255	1,149,642	3,060,643	321,910	2,258,540	.....
35	1,022,730	808,310	378,110	299,490	1,116,840	803,870	303,060	718,190	869,010	180,374	1,063,720	33,895
36	331,136	433,562	357,240	149,173	1,116,576	453,928	333,406	433,432	653,776	137,227	434,112	.....
37	200,600	260,280	253,080	76,510	558,320	397,930	121,160	213,420	293,010	60,080	313,670	82,330
38	933,874	1,385,564	1,131,163	678,763	3,753,819	1,941,078	3,049,541	1,969,839	1,747,033	1,623,134	1,633,463	.....
39	557,015	741,983	531,160	377,952	1,619,397	1,471,537	1,062,831	1,123,232	850,532	847,178	840,007	237,554
40	84.9	80.0	81.7	80.6	82.3	78.0	63.3	77.0	81.0	64.5	81.3	.....
41	9.6	9.7	5.3	8.7	5.4	7.9	6.8	7.3	10.6	5.5	9.0	.....
42	1.4	2.5	3.1	1.9	2.8	2.7	3.0	3.1	2.3	2.3	2.1	.....
43	4.0	7.9	9.9	8.8	9.4	11.4	26.9	12.6	6.1	27.7	7.0	.....
44	15,716	11,305	24,593	11,861	19,883	12,986	10,699	11,772	10,037	15,183	10,557	.....
45	14,858	10,137	21,399	17,457	17,457	11,153	7,496	9,929	9,199	10,627	9,598	.....
46	228.61	54.08	25.14	65.87	31.26	33.49	20.20	22.19	97.16	9.12	69.39	.....
47	64.54	19.33	8.13	13.15	13.22	15.04	6.64	7.00	19.85	3.54	21.06	5.44
48	1,333	1,470	460	619	1,867	1,220	1,006	1,175	2,703	372	2,061	.....
49	892,923	1,331,005	1,117,785	668,041	3,709,498	1,913,058	3,036,084	1,943,267	1,658,337	1,619,407	1,562,696	.....
50	11,559	10,476	2,558	* 13,056	17,059	17,269	25,597	* 11,703	18,779	15,471	14,660	.....
51	7,777	5,931	953	8,481	4,651	4,681	3,426	2,356	12,678	1,277	7,751	.....
52	696	638	590	727	4,683	4,043	8,463	3,475	6,109	1,667	6,107	.....
53	1,182	1,378	300	1,492	2,155	2,126	2,900	1,364	2,392	1,707	1,914	.....
54	1,402	1,594	347	1,696	1,875	2,378	2,069	1,148	1,874	841	2,064	.....
55	119	375	108	241	1,044	1,681	2,837	941	331	1,556	390	.....
56	323	560	260	391	2,651	2,355	5,252	1,819	367	3,921	874	.....
57	390,082	303,412	77,963	* 450,449	490,150	449,338	689,950	* 301,503	590,938	412,053	402,837	.....
58	3,415	6,344	8,472	1,572	19,054	11,348	10,874	* 10,002	7,777	6,496	7,386	.....
59	3,240	5,593	6,930	1,437	16,433	9,287	8,834	8,557	7,190	5,300	6,476	.....
60	143	574	1,012	122	1,757	1,484	1,482	1,009	481	894	679	.....
61	32	177	530	13	864	577	558	376	106	302	231	.....
62	431,184	789,763	912,230	186,847	1,837,791	1,219,634	1,035,213	* 863,235	948,892	431,836	919,734	.....
63	32	37	355	15	2,195	180	369	400	132	155	80	.....
64	29	30	318	15	1,886	118	227	337	124	62	80	.....
65	3	5	30	.....	212	52	97	60	6	67	.....	.....
66	.....	2	7	.....	97	10	45	13	2	26	.....	.....
67	4,360	4,865	52,590	1,870	325,565	20,595	34,125	53,870	18,810	11,105	13,770	.....
68	1	1	2	2	18	20	53	19	6	22	2	.....
69	1,000	25	600	300	8,815	7,805	8,305	15,990	595	3,700	620	.....
70	3,427	8,190	3,076	2,757	8,997	11,873	13,757	10,490	6,445	2,312	9,809	.....
71	2,366	5,262	2,227	1,616	6,366	7,045	9,310	6,760	3,416	1,573	5,892	.....
72	1,071	2,928	849	1,141	2,631	4,828	4,447	3,724	3,029	739	3,917	.....
73	38,202	65,068	26,333	23,257	70,053	99,487	124,961	74,563	50,821	18,577	63,907	.....
74	5,835	21,503	9,087	733	242,280	24,229	234,161	137,860	7,577	165,446	23,133	.....
75	4,097	14,517	6,771	494	169,596	17,305	82,538	62,538	4,790	119,897	15,080	.....
76	1,738	7,046	2,316	239	72,684	6,924	53,028	55,322	2,787	45,549	8,047	.....
77	27,323	116,228	47,984	3,173	1,006,571	115,487	1,143,315	631,301	30,430	742,101	126,341	.....
78	331	24,780	28	847	55	142	43	969	5,341	7	19,603	.....
79	782	51,654	145	2,145	253	712	215	2,745	8,851	35	30,457	.....
80	57,373	72,029	25,988	15,083	84,090	49,824	30,256	45,352	130,349	11,851	104,690	.....
81	38,018	47,937	13,218	8,114	42,124	1,469	26,018	13,357	81,496	4,133	64,587	.....
82	913	2,367	34	940	7,197	394	14	525	2,557	689	2,693	.....
83	2,933	6,622	190	2,608	.....	1,402	100	2,410	7,200	2,580	6,180	.....

\* Includes animals, age or sex not specified.

## AGRICULTURE—OREGON.

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

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

	THE STATE.	Baker. <sup>1</sup>	Benton.	Clackamas.	Clatsop.	
<b>FARMS OPERATED BY OWNERS</b>						
1	Number of farms.....	37,796	1,121	879	3,106	303
2	Number of farms in 1900.....	<i>28,983</i>	<i>601</i>	<i>700</i>	<i>2,105</i>	<i>341</i>
3	Per cent of all farms.....	83.1	86.0	80.1	85.2	82.1
4	Per cent of all farms in 1900.....	<i>80.8</i>	<i>81.5</i>	<i>80.9</i>	<i>82.0</i>	<i>78.8</i>
5	Land in farms..... acres.....	9,036,370	258,624	182,002	247,911	42,021
6	Improved land in farms..... acres.....	3,061,350	113,445	64,767	84,457	8,850
7	Value of land and buildings..... dollars.....	335,786,072	9,942,061	7,997,470	22,014,744	1,732,000
<b>Degree of ownership:</b>						
8	Farms consisting of owned land only.....	32,982	1,008	732	2,747	298
9	Farms consisting of owned and hired land.....	4,814	113	147	359	5
<b>Color and nativity of owners:</b>						
10	Native white.....	29,215	995	733	2,028	84
11	Foreign-born white.....	8,103	122	140	1,075	219
12	Negro and other nonwhite.....	478	4		3	
<b>FARMS OPERATED BY TENANTS</b>						
13	Number of farms.....	6,859	171	208	493	61
14	Number of farms in 1900.....	<i>6,998</i>	<i>108</i>	<i>163</i>	<i>423</i>	<i>80</i>
15	Per cent of all farms.....	15.1	13.1	18.9	13.2	19.5
16	Per cent of all farms in 1900.....	<i>17.8</i>	<i>14.9</i>	<i>18.8</i>	<i>16.5</i>	<i>18.5</i>
17	Land in farms..... acres.....	1,882,733	36,422	50,578	46,603	9,310
18	Improved land in farms..... acres.....	1,000,041	23,104	25,568	16,674	3,011
19	Value of land and buildings..... dollars.....	91,064,544	2,008,140	2,341,244	4,253,300	445,650
<b>Form of tenancy:</b>						
20	Share tenants.....	2,927	68	91	126	3
21	Share-cash tenants.....	245	6	17	23	
22	Cash tenants.....	3,037	73	73	255	36
23	Tenure not specified.....	650	24	27	79	22
<b>Color and nativity of tenants:</b>						
24	Native white.....	5,883	156	104	384	37
25	Foreign-born white.....	835	15	14	87	22
26	Negro and other nonwhite.....	141			12	2
<b>FARMS OPERATED BY MANAGERS</b>						
27	Number of farms.....	847	12	11	57	5
28	Number of farms in 1900.....	<i>603</i>	<i>29</i>	<i>2</i>	<i>40</i>	<i>12</i>
29	Land in farms..... acres.....	760,007	2,649	2,834	6,495	2,890
30	Improved land in farms..... acres.....	212,812	1,210	1,383	2,240	800
31	Value of land and buildings..... dollars.....	28,725,693	129,390	165,000	701,300	120,500
<b>MORTGAGE DEBT REPORTS<sup>4</sup></b>						
<b>For all farms operated by owners:</b>						
32	Number free from mortgage debt.....	24,855	691	559	2,036	208
33	Number with mortgage debt.....	12,632	417	311	1,061	94
34	Number with no mortgage report.....	309	13	9	9	1
<b>For farms consisting of owned land only:</b>						
35	Number reporting debt and amount.....	10,274	348	245	871	89
36	Value of their land and buildings..... dollars.....	93,526,449	3,145,745	1,793,995	5,297,140	531,410
37	Amount of mortgage debt..... dollars.....	21,165,627	800,276	400,643	1,290,555	151,625
38	Per cent of value of land and buildings.....	22.6	25.4	22.3	24.4	28.5

<sup>1</sup> Change of boundary. (See explanation at close of text.)<sup>4</sup> Indian reservation included as a farm in 1900. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>							
<b>Dairy Products</b>							
1	Dairy cows on farms reporting dairy products.....	number..	151,371	3,815	4,415	10,327	2,784
2	Dairy cows on farms reporting milk produced.....	number..	134,424	2,923	3,635	8,991	1,800
3	Milk—Produced.....	gallons..	56,106,590	945,003	1,320,772	3,742,401	575,040
4	Sold.....	gallons..	14,640,148	30,271	50,590	208,954	331,265
5	Cream sold.....	gallons..	827,541	22,630	7,657	60,921	40,608
6	Butter fat sold.....	pounds..	5,211,133	141,538	283,920	482,402	56,928
7	Butter—Produced.....	pounds..	5,667,964	140,640	119,628	466,623	77,647
8	Sold.....	pounds..	2,446,158	63,258	36,279	160,300	52,350
9	Cheese—Produced.....	pounds..	169,205	160	660	4,149	6,220
10	Sold.....	pounds..	154,328		120	1,887	6,120
11	Value of dairy products, excluding home use of milk and cream.....	dollars..	6,067,024	103,614	148,841	371,883	131,991
12	Receipts from sale of dairy products.....	dollars..	5,170,703	83,398	125,104	289,364	125,886
<b>Poultry Products</b>							
13	Poultry—Raised.....	number..	2,309,350	61,509	74,869	209,015	15,688
14	Sold.....	number..	957,644	22,042	36,440	96,125	6,605
15	Eggs—Produced.....	dozens..	10,555,840	227,687	306,308	939,776	120,731
16	Sold.....	dozens..	6,253,620	98,774	213,453	612,381	86,976
17	Value of poultry and eggs produced.....	dollars..	3,814,285	85,262	126,223	306,808	38,543
18	Receipts from sale of poultry and eggs.....	dollars..	2,116,392	37,092	77,866	209,449	26,096
<b>Honey and Wax</b>							
19	Honey produced.....	pounds..	839,981	103,468	22,411	40,133	8,718
20	Wax produced.....	pounds..	8,383	1,311	40	688	40
21	Value of honey and wax produced.....	dollars..	94,510	9,246	2,649	5,166	912
<b>Wool, Mohair, and Goat Hair</b>							
22	Wool, fleeces shorn.....	number..	1,860,374	129,950	26,276	10,010	836
23	Mohair and goat hair, fleeces shorn.....	number..	141,588	10	12,360	8,340	69
24	Value of wool and mohair produced.....	dollars..	3,434,400	227,415	59,317	25,912	1,371
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>							
25	Calves—Sold or slaughtered.....	number..	71,229	2,162	3,019	5,376	1,361
26	Other cattle—Sold or slaughtered.....	number..	274,025	27,313	4,777	4,289	817
27	Horses, mules, and asses and burros—Sold.....	number..	23,211	852	435	692	25
28	Swine—Sold or slaughtered.....	number..	232,396	9,551	8,087	16,386	934
29	Sheep and goats—Sold or slaughtered.....	number..	1,047,960	77,442	52,026	8,341	261
30	Receipts from sale of animals.....	dollars..	14,972,615	1,263,574	446,563	245,722	16,593
31	Value of animals slaughtered.....	dollars..	2,461,159	86,785	67,823	213,863	26,319

AGRICULTURE—OREGON.

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

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

	Columbia.	Coos	Crook.*	Curry.	Douglas.	Gilliam.	Grant.	Harney.	Hood River.	Jackson.	Josephine.	Klamath.*
1												
2	713	913	1,267	254	1,806	324	707	401	629	1,442	737	822
3	<i>718</i>	<i>679</i>	<i>1,268</i>	<i>249</i>	<i>1,807</i>	<i>300</i>	<i>610</i>	<i>317</i>	( <i>1</i> )	<i>1,047</i>	<i>477</i>	<i>381</i>
4	87.7	80.9	93.5	87.0	85.0	75.0	91.5	90.5	84.5	84.1	86.2	88.8
5	<i>89.0</i>	<i>78.7</i>	<i>85.6</i>	<i>85.9</i>	<i>77.2</i>	<i>89.8</i>	<i>88.8</i>	<i>91.1</i>	( <i>1</i> )	<i>77.2</i>	<i>85.6</i>	<i>84.1</i>
6	74,045	156,989	487,230	88,825	434,298	280,330	415,254	388,206	30,417	218,568	99,818	349,834
7	13,283	24,264	122,135	18,359	88,747	144,821	47,094	141,616	10,870	71,074	24,863	138,555
8	3,315,330	5,646,919	9,387,415	1,564,965	13,113,226	5,685,976	4,475,619	4,844,850	11,298,640	19,321,370	4,515,000	7,487,086
9	661	843	1,081	221	1,625	253	621	341	606	1,362	674	739
10	52	70	188	33	181	66	86	60	23	80	63	83
11	398	714	1,024	192	1,532	275	601	344	533	1,279	643	550
12	315	193	159	50	253	49	105	87	91	159	89	108
13		6	84	12	21		1		5	4		164
14	87	202	74	32	278	88	59	30	40	159	78	90
15	<i>79</i>	<i>178</i>	<i>69</i>	<i>38</i>	<i>300</i>	<i>42</i>	<i>64</i>	<i>17</i>	( <i>1</i> )	<i>286</i>	<i>76</i>	<i>65</i>
16	10.7	17.9	5.5	11.0	13.1	20.4	7.6	6.8	5.4	9.3	9.1	9.7
17	<i>9.9</i>	<i>20.6</i>	<i>12.0</i>	<i>11.4</i>	<i>11.9</i>	<i>9.5</i>	<i>0.2</i>	<i>4.9</i>	( <i>1</i> )	<i>21.1</i>	<i>13.5</i>	<i>14.3</i>
18	13,634	40,371	35,696	16,008	106,663	107,131	26,157	35,868	1,520	40,200	11,131	58,277
19	2,094	10,406	11,469	3,316	22,055	66,625	4,261	23,650	881	14,505	3,468	30,064
20	566,790	1,970,635	718,785	370,650	2,627,971	2,336,420	429,175	340,250	809,006	3,541,440	536,450	1,242,015
21	7	18	36	4	90	73	20	11	18	57	23	47
22	1	4	1		4	1				5	2	1
23	57	175	26	27	164	8	36	15	4	77	40	38
24	22	5	11	1	20	6	2	4	18	20	13	4
25	61	169	68	31	266	81	52	30	35	144	73	84
26	26	33	3		11	7			3	13	5	6
27		3		1	1				2	2		
28	13	13	14	6	40	20	7	12	75	113	40	14
29	<i>9</i>	<i>6</i>	<i>14</i>	<i>8</i>	<i>14</i>	<i>8</i>	<i>14</i>	<i>14</i>	( <i>1</i> )	<i>23</i>	<i>6</i>	<i>7</i>
30	3,693	4,742	48,774	1,939	36,467	36,766	3,759	138,070	6,112	38,403	10,898	46,229
31	735	801	4,750	6,313	1,241	24,220	1,590	29,005	2,533	17,659	2,638	7,945
32	190,200	189,270	618,660	30,355	1,240,640	686,350	88,500	2,247,850	1,829,650	5,933,895	690,900	1,128,185
33	546	663	982	195	1,261	152	496	281	249	974	495	556
34	167	241	284	57	535	171	210	107	379	460	239	251
35		9	1	2	10	1	1	13	1	8	3	15
36	147	210	222	46	462	128	159	87	353	426	205	194
37	672,730	1,394,965	1,918,010	412,470	3,547,645	2,390,785	1,135,630	1,052,969	6,181,400	6,180,245	1,342,410	1,908,090
38	155,432	286,156	362,674	83,139	737,695	540,518	247,437	210,175	1,258,425	1,369,563	289,310	517,261
39	23.1	20.5	18.9	20.2	20.8	22.6	21.8	20.0	20.4	22.3	20.1	27.1

\* Agricultural data for Indians on reservations in 1900 shown separately in last column of table.  
 \* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1												
2	4,174	7,322	2,317	1,763	5,970	635	2,413	1,304	593	3,193	1,818	2,676
3	3,935	5,862	2,079	1,877	5,824	601	2,309	1,083	572	2,478	1,702	2,577
4	1,585,736	2,092,824	664,427	622,607	1,090,154	158,919	477,234	183,956	293,990	1,070,126	545,442	736,488
5	347,258	1,041,335	10,516	1,050	95,415	1,061	14,321	2,739	72,109	140,860	38,519	57,568
6	78,063	37,402	2,831		11,175		1,211		1,515	41,202	9,705	8,467
7	104,853	520,125	18,374	45,668	186,477				4,178	71,969	35,201	31,848
8	94,249	237,059	146,321	186,752	271,538	29,422	86,783	37,661	62,827	171,041	93,567	121,197
9	26,733	152,569	52,301	165,003	106,275	6,424	34,391	16,019	19,663	79,797	32,229	61,052
10	360	124,586	940		600	150	390	225		750	250	940
11	250	124,086	240			100		175		600		860
12	169,353	378,992	51,850	63,787	146,051	9,370	29,768	13,929	37,671	140,448	58,887	62,164
13	149,745	353,671	26,187	57,703	104,876	2,166	14,046	6,405	23,778	115,549	40,758	45,032
14	27,574	41,001	37,141	6,641	130,607	26,514	26,347	14,038	21,247	70,239	26,852	35,790
15	10,459	19,168	8,140	1,463	85,907	6,817	5,850	1,676	5,970	29,325	8,735	9,370
16	150,622	244,204	150,911	33,105	506,427	96,219	113,289	42,074	98,827	303,858	149,888	128,395
17	79,132	134,967	49,332	5,058	291,296	23,472	25,496	9,763	36,533	170,738	71,333	56,828
18	53,203	85,853	50,959	10,669	222,970	34,957	38,240	20,671	41,238	110,794	43,285	63,019
19	25,835	40,026	15,015	2,269	187,691	8,964	9,979	3,938	14,129	59,894	22,769	20,817
20	10,336	24,251	9,699	5,046	39,415	1,728	9,538	900	1,608	23,004	5,675	20,905
21	243	129	10	2	119	5	31		14	177	65	135
22	1,324	2,993	1,873	564	4,970	281	1,136	100	282	2,504	806	2,611
23	923	9,864	100,744	26,375	73,136	65,686	141,207	96,399	160	12,698	467	8,762
24	104	618	7		21,449	1	66			2,362	543	65
25	1,466	11,320	205,233	36,706	107,823	116,939	272,123	126,371	250	24,076	999	15,558
26	1,602	2,173	696	304	2,326	425	527	1,980	100	867	773	534
27	1,445	5,085	18,315	1,851	8,563	4,459	15,839	26,574	499	7,398	3,186	11,921
28	80	164	1,472	42	503	561	890	1,136	51	373	114	1,211
29	1,033	5,390	5,518	1,333	9,898	2,574	3,026	970	406	6,233	2,502	2,602
30	1,882	3,334	51,113	6,329	31,268	33,336	77,135	22,800	150	7,166	643	11,263
31	41,261	163,513	931,416	67,336	406,601	319,683	774,651	877,775	18,126	267,880	67,255	487,710
32	44,400	68,817	67,470	14,136	101,459	23,201	61,265	37,531	11,261	53,450	47,021	47,978

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

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

	Lake. <sup>1</sup>	Lane.	Lincoln. <sup>1</sup>	Linn.	Malheur.	Marion.	Morrow.
<b>FARMS OPERATED BY OWNERS</b>							
1	Number of farms.....	657	2,350	884	2,154	698	2,819
2	Number of farms in 1900.....	<i>529</i>	<i>1,953</i>	<i>440</i>	<i>1,783</i>	<i>506</i>	<i>2,097</i>
3	Per cent of all farms.....	92.3	83.2	92.0	73.3	85.9	81.9
4	Per cent of all farms in 1900.....	<i>82.9</i>	<i>82.8</i>	<i>90.0</i>	<i>73.8</i>	<i>80.8</i>	<i>80.8</i>
5	Land in farms..... acres.....	285,057	387,921	145,023	349,778	172,182	298,244
6	Improved land in farms..... acres.....	74,705	117,817	13,208	187,777	63,142	155,891
7	Value of land and buildings..... dollars.....	4,540,802	16,085,815	3,240,465	17,838,715	6,803,629	24,831,504
<b>Degree of ownership:</b>							
8	Farms consisting of owned land only.....	612	2,021	840	1,794	654	2,389
9	Farms consisting of owned and hired land.....	45	329	44	360	34	430
<b>Color and nativity of owners:</b>							
10	Native white.....	564	1,941	642	1,807	572	2,019
11	Foreign-born white.....	92	406	213	347	114	793
12	Negro and other nonwhite.....	1	3	29	2	7	70
<b>FARMS OPERATED BY TENANTS</b>							
13	Number of farms.....	46	446	76	583	87	623
14	Number of farms in 1900.....	<i>47</i>	<i>388</i>	<i>48</i>	<i>617</i>	<i>52</i>	<i>593</i>
15	Per cent of all farms.....	6.5	18.8	7.9	21.2	10.9	17.9
16	Per cent of all farms in 1900.....	<i>11.8</i>	<i>16.4</i>	<i>9.8</i>	<i>25.5</i>	<i>8.9</i>	<i>21.7</i>
17	Land in farms..... acres.....	21,658	87,105	12,699	107,669	18,444	84,489
18	Improved land in farms..... acres.....	7,419	36,488	1,900	65,520	8,684	48,658
19	Value of land and buildings..... dollars.....	559,555	3,881,755	318,700	5,682,972	1,263,430	6,686,900
<b>Form of tenancy:</b>							
20	Share tenants.....	15	194	11	299	31	387
21	Share-cash tenants.....	3	14	1	41	1	24
22	Cash tenants.....	27	197	52	220	18	186
23	Tenure not specified.....	1	41	12	23	37	26
<b>Color and nativity of tenants:</b>							
24	Native white.....	42	409	57	547	69	528
25	Foreign-born white.....	4	37	12	35	17	63
26	Negro and other nonwhite.....	1	1	7	1	1	32
<b>FARMS OPERATED BY MANAGERS</b>							
27	Number of farms.....	9	30	1	14	26	48
28	Number of farms in 1900.....	<i>81</i>	<i>19</i>	<i>1</i>	<i>17</i>	<i>25</i>	<i>59</i>
29	Land in farms..... acres.....	94,840	10,239	560	4,992	39,549	11,682
30	Improved land in farms..... acres.....	22,295	4,822	40	2,736	10,075	6,738
31	Value of land and buildings..... dollars.....	1,185,800	1,453,455	15,000	205,090	708,500	1,388,545
<b>MORTGAGE DEBT REPORTS:</b>							
<b>For all farms operated by owners:</b>							
32	Number free from mortgage debt.....	581	1,627	742	1,390	430	1,332
33	Number with mortgage debt.....	76	714	138	723	255	977
34	Number with no mortgage report.....	.....	9	4	41	3	10
<b>For farms consisting of owned land only:</b>							
35	Number reporting debt and amount.....	61	562	126	569	232	787
36	Value of their land and buildings..... dollars.....	713,220	3,479,647	589,165	4,336,689	2,920,710	5,522,976
37	Amount of mortgage debt..... dollars.....	180,300	773,813	128,636	1,036,937	602,376	1,260,273
38	Per cent of value of land and buildings.....	25.3	22.2	21.8	23.9	20.6	22.8

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

<b>LIVE STOCK PRODUCTS</b>									
<b>Dairy Products</b>									
1	Dairy cows on farms reporting dairy products.....	number.....	1,544	9,902	2,907	12,929	1,723	11,581	1,077
2	Dairy cows on farms reporting milk produced.....	number.....	1,533	8,625	2,920	11,238	1,570	11,100	984
3	Milk—Produced.....	gallons.....	461,493	3,189,355	955,022	4,107,065	385,498	4,718,593	341,950
4	Sold.....	gallons.....	6,869	167,857	17,471	214,324	7,997	191,688	16,363
5	Cream sold.....	gallons.....	231	19,503	22,167	94,343	2,520	99,568	3,734
6	Butter fat sold.....	pounds.....	.....	377,115	93,948	725,719	5,631	609,936	6,137
7	Butter—Produced.....	pounds.....	86,722	418,984	78,579	274,332	77,323	438,242	53,699
8	Sold.....	pounds.....	38,653	170,255	22,934	64,177	38,470	157,477	22,428
9	Cheese—Produced.....	pounds.....	.....	3,200	845	925	.....	1,075	.....
10	Sold.....	pounds.....	.....	3,030	450	530	.....	100	.....
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	29,257	274,118	72,403	401,436	26,955	426,124	27,800
12	Receipts from sale of dairy products.....	dollars.....	14,267	205,147	57,292	342,716	16,399	351,179	18,472
<b>Poultry Products</b>									
13	Poultry—Raised.....	number.....	11,626	155,548	14,111	192,680	38,170	204,868	35,013
14	Sold.....	number.....	3,781	65,232	7,438	99,691	9,784	92,212	9,219
15	Eggs—Produced.....	dozens.....	55,065	727,654	77,700	1,013,203	141,632	1,047,481	157,327
16	Sold.....	dozens.....	14,562	454,863	35,550	761,169	47,909	710,611	171,835
17	Value of poultry and eggs produced.....	dollars.....	21,794	246,918	25,218	344,645	51,525	367,486	49,682
18	Receipts from sale of poultry and eggs.....	dollars.....	6,356	143,208	11,696	245,278	17,210	224,835	20,335
<b>Honey and Wax</b>									
19	Honey produced.....	pounds.....	4,307	52,931	21,696	65,580	112,032	46,878	7,692
20	Wax produced.....	pounds.....	.....	262	137	163	1,243	268	.....
21	Value of honey and wax produced.....	dollars.....	537	0,337	3,184	7,578	8,676	5,426	861
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn.....	number.....	124,468	20,930	2,992	29,122	231,769	18,827	124,248
23	Mohair and goat hair, fleeces shorn.....	number.....	4	19,070	7,062	15,799	.....	10,888	7
24	Value of wool and mohair produced.....	dollars.....	204,420	50,684	11,599	63,826	384,138	43,745	250,987
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves—Sold or slaughtered.....	number.....	1,999	4,245	690	6,804	2,283	5,068	366
26	Other cattle—Sold or slaughtered.....	number.....	27,227	10,054	1,262	10,128	18,702	5,418	3,175
27	Horses, mules, and asses and burros—Sold.....	number.....	918	609	54	1,165	1,720	909	413
28	Swine—Sold or slaughtered.....	number.....	1,150	14,701	1,277	21,957	1,981	18,210	2,392
29	Sheep and goats—Sold or slaughtered.....	number.....	31,778	20,957	1,898	26,895	50,220	18,369	78,680
30	Receipts from sale of animals.....	dollars.....	860,575	429,267	32,320	706,442	809,819	421,522	424,082
31	Value of animals slaughtered.....	dollars.....	32,982	159,786	25,934	165,682	29,996	192,480	26,251

AGRICULTURE—OREGON.

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

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

	Multnomah.	Polk. <sup>1</sup>	Sherman.	Tillamook.	Umatilla. <sup>1</sup>	Union. <sup>1</sup>	Wallowa.	Wasco. <sup>1,2</sup>	Washington.	Wheeler.	Yamhill. <sup>1</sup>	Indian reservations.
1	1,063	1,193	275	538	1,583	1,089	928	1,122	2,406	348	1,772	
2	355	842	464	585	1,903	1,221	700	1,154	1,843	558	1,233	416
3	71.9	76.6	50.0	82.6	79.0	83.2	87.7	84.3	83.8	89.9	79.9	
4	65.4	70.6	83.3	92.7	81.8	82.4	87.2	85.4	80.1	91.8	77.3	88.9
5	48,845	182,961	225,561	78,462	793,647	326,756	311,328	429,941	178,358	337,346	188,079	
6	21,342	92,491	156,448	22,686	347,269	123,039	65,552	126,324	78,501	44,088	90,689	
7	11,111,208	11,151,673	5,931,290	5,032,398	24,522,142	11,236,580	6,329,526	10,203,525	19,348,553	3,448,504	14,877,658	
8	996	990	146	474	1,322	915	826	956	2,099	280	1,458	
9	67	203	129	64	281	174	102	166	307	68	314	
10	601	981	229	373	1,268	955	859	864	1,471	319	1,387	
11	453	202	46	165	272	132	69	205	934	29	371	
12	9	10			43	2		53	1		14	
13	385	335	187	107	402	202	118	174	427	32	393	
14	420	539	39	41	251	245	98	174	442	29	348	44
15	26.0	21.5	40.1	16.4	20.0	15.4	11.2	13.1	14.9	8.3	17.7	
16	32.9	28.4	16.3	6.5	15.8	16.5	12.2	12.9	19.2	7.4	21.8	9.4
17	31,821	71,083	142,851	20,344	237,376	63,750	37,814	69,711	54,052	17,644	69,148	
18	11,865	40,813	116,180	7,431	188,304	39,637	17,375	35,820	25,652	6,608	37,010	
19	9,248,670	4,083,450	3,982,375	1,769,950	9,878,195	3,077,745	1,389,475	2,002,070	6,196,371	169,680	4,856,000	
20	33	165	181	32	259	116	69	107	105	15	159	
21	1	12	1	6	12	7	2	6	22		25	
22	330	102	3	65	126	74	45	31	253	18	162	
23	21	56	2	4	5	5	2	30	47	4	47	
24	219	304	176	82	353	188	118	151	316	31	348	
25	109	29	11	25	45	12		20	105	1	42	
26	57	2			4	2		3	6		3	
27	30	29	4	6	20	18	12	35	38	7	53	
28	21	11	2	5	39	15	5	25	17	3	14	8
29	5,696	6,823	4,114	687	19,235	5,263	5,590	44,102	7,913	60,586	17,033	
30	2,804	3,853	1,290	343	8,940	2,823	2,122	8,907	3,766	2,100	3,894	
31	1,600,800	547,840	58,460	91,500	600,700	284,748	212,300	1,009,660	865,300	494,280	1,554,890	
32	890	738	93	299	937	648	644	677	1,577	187	1,140	
33	348	449	176	237	622	437	275	411	820	156	620	
34	27	6	6	2	24	4	9	34	9	5	12	
35	293	353	78	205	484	347	229	307	686	114	489	
36	2,541,475	3,037,181	1,570,245	2,302,193	7,050,961	3,361,915	2,460,389	2,910,810	4,645,259	1,140,574	3,583,374	
37	523,344	664,881	375,800	574,120	1,584,194	753,209	539,246	675,255	1,094,075	288,951	806,016	
38	20.6	21.9	23.9	24.9	22.5	22.4	21.9	23.2	23.6	25.3	22.5	

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

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

1	7,299	5,071	814	7,728	3,911	4,264	2,568	2,024	11,996	1,199	7,220	
2	6,858	3,754	790	7,166	3,319	4,021	2,252	1,923	11,024	1,181	6,663	
3	4,270,626	1,618,631	280,197	4,446,206	1,585,521	1,697,818	668,743	778,945	5,575,800	263,984	2,873,173	
4	2,766,628	1,633,348	6,748	3,245,351	1,659,390	97,820	69,445	77,240	4,009,313	3,557	929,967	
5	73,300	17,885	300	14,449	45,749	14,449	5,670	1,580	56,612	1,890	43,078	
6	102,922	348,529		335,239	114,595	130,174	47,258		121,771	2,340	205,738	
7	162,374	196,735	62,012	90,544	289,290	224,456	100,123	149,397	273,262	44,499	299,127	
8	92,435	94,628	22,882	57,662	144,325	78,120	22,828	66,147	135,000	8,290	135,684	
9	433	1,600		9,456	1,670	1,670	436	50	9,235		150	
10	200	1,600		8,776	1,000	1,000	230		3,974			
11	732,242	203,185	23,606	486,077	164,313	157,814	47,575	62,697	695,920	16,717	300,186	
12	711,547	176,091	10,538	475,401	125,219	117,590	30,082	39,658	652,686	5,959	256,142	
13	74,861	87,204	41,909	15,857	128,263	71,007	38,685	63,130	151,091	16,574	138,706	
14	44,115	41,556	11,399	3,885	36,650	22,349	8,264	25,698	73,188	1,762	67,290	
15	343,722	418,956	132,187	94,707	502,448	263,131	131,926	256,355	864,531	66,485	648,649	
16	200,877	286,843	60,600	36,518	233,502	135,935	39,213	121,876	596,975	6,767	453,194	
17	139,189	153,246	51,873	31,200	176,757	95,446	41,363	90,906	298,684	19,817	235,860	
18	79,034	97,573	21,111	11,540	75,102	44,592	12,594	38,991	193,111	2,440	153,627	
19	8,197	44,467	260	17,045	34,977	4,682	372	7,067	40,335	8,029	36,604	
20	10	2,144		406	268	20		58	347		40	
21	1,181	5,083	47	2,488	3,634	731	89	872	4,960	1,180	4,224	
22	4,479	18,087	507	666	146,928	13,566	164,478	119,342	5,625	106,885	18,012	
23	104	21,290		359	7	5	15	822	3,994		15,268	
24	8,062	53,842	1,016	1,444	249,296	22,271	306,278	263,764	13,861	219,841	52,371	
25	4,636	2,403	166	3,329	1,169	1,503	892	694	6,486	533	3,838	
26	3,244	3,194	1,001	1,733	7,706	5,485	11,294	5,334	4,930	6,091	4,556	
27	164	526	805	130	1,058	1,474	1,758	765	638	603	699	
28	7,752	9,508	3,742	2,525	9,845	12,067	13,836	10,418	8,557	2,436	13,139	
29	765	20,349	280	418	153,408	8,807	83,094	45,777	5,185	37,388	29,143	
30	201,272	294,100	149,438	64,070	1,055,216	457,451	1,003,500	447,198	242,142	512,492	451,050	
31	113,562	92,346	32,739	31,140	105,570	69,897	39,497	56,002	158,824	31,304	124,438	

AGRICULTURE—OREGON.

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

		THE STATE.	Baker.	Benton.	Clackamas.	Clatsop.	Columbia.
<b>VALUE OF ALL CROPS</b>							
1	Total.....	dollars.. 49,040,725	1,783,500	1,082,198	2,714,261	301,602	449,542
2	Cereals.....	dollars.. 17,860,136	585,448	428,021	686,602	14,318	35,510
3	Other grains and seeds.....	dollars.. 411,181	1,576	16,599	22,515	84	87
4	Hay and forage.....	dollars.. 15,225,957	938,059	283,720	668,411	104,393	174,879
5	Vegetables.....	dollars.. 4,548,523	122,386	103,314	514,979	38,087	81,041
6	Fruits and nuts.....	dollars.. 4,093,399	83,823	84,809	321,003	18,763	40,226
7	All other crops.....	dollars.. 6,901,529	32,208	165,735	510,751	126,957	111,829
<b>SELECTED CROPS (acres and quantity)</b>							
8	<b>Cereals:</b>						
9	Total.....	acres.. 1,242,309	24,978	31,184	35,270	681	1,551
10	Corn.....	bushels.. 26,343,230	963,359	731,482	1,194,241	25,862	63,086
11	Oats.....	acres.. 17,280	192	60	835	1	66
12	Wheat.....	bushels.. 451,757	7,921	2,157	28,486	20	1,576
13	Emmer and spelt.....	acres.. 339,162	11,279	18,532	24,533	612	1,231
14	Barley.....	bushels.. 10,881,286	528,240	509,233	911,832	23,845	55,068
15	Rye.....	acres.. 763,187	8,490	12,082	6,273	61	213
16	Other grains.....	bushels.. 12,436,751	231,291	208,917	238,607	1,367	5,693
17	Dry peas.....	acres.. 24,746	120	442	14		
18	Dry edible beans.....	bushels.. 108,847	4,081	447	536	3	28
19	Other grains.....	bushels.. 2,377,735	186,027	10,263	13,549	95	568
20	Rye.....	acres.. 12,913	931	63	62	4	12
21	Other grains.....	bushels.. 147,024	9,760	912	1,129	35	171
22	<b>Other grains:</b>						
23	Dry peas.....	acres.. 436		1	96		1
24	Dry edible beans.....	bushels.. 9,344		8	1,570		30
25	Hay and forage:						
26	Total.....	acres.. 939,979	61,236	17,786	28,434	3,844	7,248
27	All tame or cultivated grasses.....	tons.. 1,587,796	131,304	29,472	54,792	9,129	14,476
28	Timothy alone.....	acres.. 336,798	38,903	2,240	17,648	3,142	4,039
29	Timothy and clover mixed.....	tons.. 763,687	101,487	3,632	33,051	7,943	9,231
30	Clover alone.....	acres.. 40,166	3,978	119	1,582	133	369
31	Alfalfa.....	tons.. 67,239	8,812	196	2,944	276	930
32	Millet or Hungarian grass.....	acres.. 66,652	8,817	195	5,670	1,816	3,091
33	Other tame or cultivated grasses.....	tons.. 129,278	20,340	180	11,628	4,642	6,988
34	Wild, salt, or prairie grasses.....	acres.. 47,435	355	750	9,483	306	390
35	Grains cut green.....	tons.. 83,909	758	1,368	17,071	671	919
36	Coarse forage.....	acres.. 120,427	19,627	115	57	1	6
37	Potatoes.....	acres.. 375,445	58,102	204	98	5	33
38	All other vegetables.....	bushels.. 1,810	60		39	5	2
39	Sugar beets.....	acres.. 1,690	85		49	7	2
40	Hops.....	acres.. 60,808	6,066	1,061	811	881	181
41	Other tame or cultivated grasses.....	tons.. 106,126	13,390	1,684	1,261	1,742	359
42	Wild, salt, or prairie grasses.....	acres.. 218,071	20,120	490	329	133	1,547
43	Grains cut green.....	tons.. 248,917	26,710	564	361	122	1,166
44	Coarse forage.....	acres.. 373,703	2,001	14,912	9,974	563	1,580
45	Potatoes.....	tons.. 509,030	2,748	23,422	18,660	1,364	3,351
46	All other vegetables.....	acres.. 10,462	109	142	434	6	82
47	Hops.....	tons.. 57,107	199	1,845	2,284	800	728
48	<b>Special crops:</b>						
49	Potatoes.....	acres.. 44,265	765	583	7,468	273	644
50	All other vegetables.....	bushels.. 4,822,962	113,812	62,492	842,921	41,823	93,520
51	Sugar beets.....	acres.. 23,134	639	693	1,829	89	273
52	Hops.....	acres.. 1,176				53	
53	Hops.....	tons.. 15,806				2,827	2
54	Hops.....	acres.. 21,770		204	1,472		
54	Hops.....	pounds.. 16,582,562	100	151,427	995,847		
<b>FRUITS AND NUTS</b>							
55	<b>Orchard fruits:</b>						
56	Total.....	trees.. 4,583,735	77,040	124,482	282,096	17,476	36,184
57	Apples.....	bushels.. 4,423,244	78,940	111,452	332,466	17,298	48,616
58	Peaches and nectarines.....	trees.. 2,029,913	45,044	56,035	140,076	13,988	21,048
59	Pears.....	bushels.. 1,930,926	45,204	54,748	144,329	13,793	31,424
60	Plums and prunes.....	trees.. 273,162	12,586	5,387	9,659	100	100
61	Cherries.....	bushels.. 179,030	13,968	1,788	6,662	39	19
62	Apricots.....	trees.. 273,542	4,670	7,001	18,181	743	3,488
63	Apricots.....	bushels.. 374,622	6,110	10,045	28,152	736	4,894
64	Plums and prunes.....	trees.. 1,764,896	8,432	49,635	95,695	2,749	7,777
65	Cherries.....	bushels.. 1,747,887	8,886	40,815	132,232	2,808	9,690
66	Apricots.....	trees.. 223,456	5,347	3,909	16,899	559	3,548
67	Apricots.....	bushels.. 181,089	3,591	3,861	19,736	418	2,439
68	Apricots.....	trees.. 10,656	820	69	40	2	3
68	Apricots.....	bushels.. 4,616	1,160	34	104		4
69	Grapes.....	vines.. 381,302	4,847	4,365	46,094		267
70	Small fruits:	pounds.. 3,206,874	14,660	52,849	535,267		5,078
71	Total.....	acres.. 5,122	69	138	567	37	19
72	Strawberries.....	quarts.. 9,348,490	76,904	147,808	1,392,220	49,233	19,644
73	Raspberries and loganberries.....	acres.. 2,941	37	91	396	15	12
74	Blackberries and dewberries.....	quarts.. 5,322,040	42,977	87,806	1,080,302	19,249	12,407
75	Blackberries and dewberries.....	acres.. 1,460	22	33	98	18	4
76	Blackberries and dewberries.....	quarts.. 2,644,948	23,266	48,992	190,214	27,059	4,025
77	Blackberries and dewberries.....	acres.. 431	3	5	40	2	2
78	Blackberries and dewberries.....	quarts.. 915,744	4,230	3,545	71,913	785	1,627
79	<b>Nuts:</b>						
80	Total.....	trees.. 16,902	580	203	1,253		189
81	Walnuts (Persian or English).....	pounds.. 177,632	10,125	3,447	16,631		875
82	Walnuts (Persian or English).....	trees.. 9,526	50	143	621		147
82	Walnuts (Persian or English).....	pounds.. 79,060	125	957	4,653		125

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	24,229	747	526	1,887	180	408
2	Cash expended.....	dollars.. 9,110,241	324,855	112,399	334,746	41,756	72,423	
3	Rent and board furnished.....	dollars.. 1,991,623	103,552	20,954	50,387	14,678	19,272	
4	Fertilizer.....	Farms reporting.....	2,887	7	50	630	33	
5	Amount expended.....	dollars.. 68,557	215	1,005	9,800	878	1,257	
6	Feed.....	Farms reporting.....	21,012	559	488	1,653	246	497
7	Amount expended.....	dollars.. 3,198,363	147,043	54,983	174,762	31,815	64,896	
8	Receipts from sale of feedable crops.....	dollars.. 4,514,161	507,975	99,307	205,311	2,313	14,721	

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AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

	Coos.	Crook.	Curry.	Douglas.	Gilliam.	Grant.	Harney.	Hood River.	Jackson.	Josephine.	Klamath.
1	786,944	1,214,591	141,682	1,588,196	972,064	630,556	748,740	533,662	1,632,568	546,577	887,862
2	44,549	316,650	14,111	417,913	802,013	118,633	164,089	861	167,337	31,797	301,510
3	5,910	3,228	1,339	4,534		30			8,225	4,024	
4	334,255	727,108	56,402	531,200	139,334	364,880	531,742	104,115	746,336	246,469	483,824
5	187,567	87,132	34,187	204,655	18,939	74,600	49,038	62,056	121,512	88,215	63,548
6	111,450	16,505	18,724	249,531	9,110	39,462	3,321	318,103	479,478	89,108	4,504
7	103,207	63,988	10,910	180,303	2,668	32,951	550	58,527	109,680	88,904	34,386
8	1,480	28,476	431	27,747	109,664	6,222	8,063	44	9,704	1,839	20,927
9	87,639	379,480	17,925	631,147	973,001	149,823	160,759	1,476	191,698	35,400	408,565
10	456	118	83	2,111	54	306		17	4,069	532	
11	19,951	1,430	1,931	58,659	640	4,238		275	71,892	9,936	
12	556	5,633	281	14,693	615	2,000	2,305	25	686	544	2,823
13	31,168	106,514	12,540	366,830	10,378	61,587	55,983	1,163	18,368	11,892	79,138
14	196	16,886		9,034	93,462	2,542	2,711	2	3,962	596	11,172
15	5,318	186,880	2	177,923	808,183	54,312	29,898	38	70,946	8,417	184,306
16		2		13		8					2
17		80		183		100					127
18	255	3,521	67	1,082	15,474	850	2,559		955	167	4,358
19	11,090	60,630	3,452	27,386	153,450	22,695	69,834		30,076	5,185	123,260
20	17	2,312		14	59	516	468		32		2,572
21	96	23,904		266	350	6,601	4,819		396		19,734
22	50		16	14							
23	1,793		438	180						4	
24	46	9	16	81					65	66	
25	647	70	193	682					2,154	1,116	
26	10,499	49,267	2,804	28,024	9,523	31,512	66,724	2,433	36,126	9,898	55,440
27	41,884	69,960	6,224	43,061	10,515	47,867	73,687	6,113	58,789	17,028	75,300
28	5,855	15,027	1,567	2,655	1,504	15,331	5,443	1,916	14,655	5,136	10,147
29	16,087	34,964	3,378	5,796	5,027	29,444	11,846	5,234	34,571	10,389	26,153
30	63	502	2	195	20	3,613	540	205	522	235	304
31	182	954	4	259	30	5,196	972	478	779	387	411
32	1,709	4,219	38	339		6,058	1,484	787	824	1,079	2,249
33	4,395	6,273	54	721		9,915	2,112	1,975	1,194	1,960	4,015
34	1,221	272	128	145		60		305	356	305	30
35	3,406	377	366	324		176		850	839	668	80
36	8	9,190	32	864	1,484	3,937	3,359	464	11,168	2,377	6,635
37	19	26,103	99	2,239	4,997	11,301	8,612	1,507	29,297	5,768	19,735
38	38	181	9	12				3	10	4	
39	70	240	15	21			150	15	15	3	
40	2,616	603	1,358	1,100		1,663		152	1,775	1,136	929
41	7,015	1,011	2,810	2,232		2,856		409	2,447	1,063	1,962
42	327	7,510	110	836	112	6,179		48	2,796	139	30,653
43	760	9,400	115	836	50	6,347	58,574	40	2,736	137	31,143
44	3,581	26,707	1,109	24,330	7,807	10,002	2,704	457	18,523	4,471	14,340
45	12,206	26,511	2,657	35,324	5,378	12,076	2,653	823	21,086	5,036	18,004
46	638		13	195	100			12	152	121	
47	10,774		74	728	60			12	385	742	
48	1,004	806	124	974	159	371	233	611	460	349	1,050
49	199,936	56,088	18,628	99,452	9,536	37,030	24,525	54,841	48,989	40,417	66,136
50	486	481	147	1,361	72	358	210	204	734	553	225
51											
52				1					10		
53				82					61		
54				50,500					18,745	156,000	
55	68,761	13,117	14,622	505,733	15,769	30,512	2,593	215,566	241,291	67,292	7,002
56	175,144	8,569	28,939	299,277	7,438	55,700	1,130	133,233	354,566	63,703	3,162
57	53,488	8,390	9,863	115,195	9,084	21,029	2,168	185,592	126,291	43,299	5,771
58	150,658	6,880	21,180	93,952	5,238	47,368	1,081	122,423	170,087	34,388	2,673
59	678	1,144	184	25,297	1,937	1,150	68	6,031	45,448	11,175	85
60	527	3	113	14,135	66	73		83	79,280	16,513	11
61	3,174	818	696	18,794	1,212	1,721	112	6,575	45,891	4,819	222
62	6,800	420	1,365	22,844	792	2,339	2	7,280	87,589	7,740	124
63	9,814	2,199	3,303	337,670	2,328	5,360	162	2,640	17,812	6,635	720
64	15,359	881	5,577	161,905	1,113	5,373	45	1,324	12,966	4,195	308
65	1,495	519	526	7,941	945	1,101	67	4,552	4,295	1,188	182
66	1,692	380	671	5,769	206	538	2	2,077	2,819	816	39
67	5	45	10	282	237	147	16	25	1,440	21	15
68	2	5	12	370	12		9	10	1,745		6
69	553	183	99	22,662	130	198	18	799	64,326	41,809	12
70	6,360	475	8,117	214,501	345	1,102		1,270	443,981	184,762	
71	89	12	14	240	5	33	8	520	110	97	3
72	181,425	12,412	17,484	260,367	5,740	31,619	9,527	984,904	189,220	115,425	3,862
73	41	3	7	111	1	13		512	36	40	
74	86,142	1,347	9,160	112,051	1,355	11,532	1,155	951,145	62,213	43,191	204
75	20	2	7	96	1	11	1	4	33	27	
76	41,033	2,622	5,691	110,532	786	10,927	1,155	6,956	52,964	34,513	350
77	8	1		26	2	1		4	37	29	
78	10,407	184	2,012	31,140	1,327	1,005		6,353	68,467	36,075	420
79	112	23	29	1,191	12			36	1,361	289	2
80	1,640	75	454	8,755				51	13,217	3,011	
81	93	17	18	573	6			33	208	55	
82	1,115	75	450	1,985				50	1,845	670	

AND RECEIPTS, BY COUNTIES: 1909.

1	526	634	114	1,028	332	495	278	492	817	376	454
2	121,516	273,928	29,155	214,077	240,179	198,491	251,611	232,493	399,128	111,935	198,145
3	32,766	73,694	7,546	47,777	89,462	63,405	81,689	17,571	51,531	21,929	63,627
4	17	7	1	39		4		121	21	34	7
5	410	230	10	1,271		200	20	4,014	844	762	207
6	632	545	132	908	185	316	228	521	742	484	403
7	44,341	85,212	6,693	85,011	54,200	62,630	74,178	98,324	101,475	53,365	76,563
8	32,021	122,457	9,075	132,537	31,912	75,621	72,741	10,407	169,639	50,452	117,858



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

		Lake.	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.
<b>VALUE OF ALL CROPS</b>								
1	Total .....	dollars.. 590,271	2,180,831	313,501	2,413,953	1,057,749	4,333,371	656,042
2	Cereals.....	dollars.. 101,932	643,377	10,212	1,099,244	168,103	1,353,838	332,777
3	Other grains and seeds.....	dollars.. 3,659	39,471	379	93,961	65,911	24,318	.....
4	Hay and forage.....	dollars.. 423,943	757,650	132,312	671,186	757,963	683,101	205,155
5	Vegetables.....	dollars.. 35,286	270,121	66,279	216,713	51,966	355,141	17,896
6	Fruits and nuts.....	dollars.. 19,433	143,235	37,022	131,756	9,907	394,697	4,922
7	All other crops.....	dollars.. 6,918	326,977	67,237	231,093	3,899	1,521,467	5,292
<b>SELECTED CROPS (acres and quantity)</b>								
8	<b>Cereals:</b>							
9	Total.....	acres.. 4,642	45,793	496	78,512	7,329	79,912	81,464
10	Corn.....	bushels.. 117,042	1,026,234	20,033	1,891,764	193,194	2,403,223	378,002
11	Oats.....	acres.. 2,253	6	6	1,600	101	1,656	2
12	Wheat.....	bushels.. 421	64,498	290	48,701	3,161	50,662	18
13	Emmer and spelt.....	acres.. 8,759	27,288	469	49,756	1,523	52,337	204
14	Barley.....	bushels.. 1,531	681,241	19,267	1,348,513	60,760	1,754,754	2,582
15	Rye.....	acres.. 5,311	15,264	14	25,188	2,605	23,426	75,721
16	Emmer and spelt.....	bushels.. 30,602	250,017	345	449,685	62,212	533,043	340,786
17	Barley.....	acres.. 20	192	.....	.....	11	39	.....
18	Rye.....	bushels.. 808	7,390	.....	.....	210	908	.....
19	Other grains:	acres.. 2,413	790	.....	1,952	1,892	2,130	5,042
20	Dry edible beans.....	bushels.. 74,202	22,918	5	44,517	56,507	56,993	32,686
21	Dry peas.....	acres.. 257	13	7	15	1,067	255	495
22	Dry edible beans.....	bushels.. 2,671	132	112	333	9,774	4,686	1,920
23	<b>Hay and forage:</b>							
24	Total.....	acres.. 59,575	39,164	5,293	44,640	43,226	35,809	20,435
25	All tame or cultivated grasses.....	tons.. 74,542	59,085	11,763	66,901	104,325	64,297	28,128
26	Timothy alone.....	acres.. 7,613	4,722	3,284	14,010	24,977	13,978	5,404
27	Timothy and clover mixed.....	tons.. 10,593	7,982	6,647	21,654	82,828	23,032	18,705
28	Clover alone.....	acres.. 470	852	28	256	743	1,145	620
29	Alfalfa.....	tons.. 880	893	75	298	1,565	1,812	619
30	Millet or Hungarian grass.....	acres.. 1,656	798	603	196	2,415	1,343	.....
31	Other tame or cultivated grasses.....	tons.. 2,200	1,594	1,450	328	3,450	2,221	.....
32	Wild, salt, or prairie grasses.....	acres.. 831	447	5,487	53	8,083	.....	.....
33	Grains cut green.....	tons.. 2,264	1,499	920	7,861	150	13,523	.....
34	Coarse forage.....	acres.. 4,338	205	258	578	18,844	153	4,844
35	Potatoes.....	acres.. 750	436	10	10	73,798	444	18,086
36	Sugar beets.....	acres.. 800	15	16	18	5	67	.....
37	Hops.....	acres.. 2,473	2,024	2,096	8,712	2,917	3,187	.....
38	Special crops:	tons.. 2,375	3,535	4,186	12,571	3,855	4,921	.....
39	Potatoes.....	acres.. 49,054	3,458	334	1,130	16,750	855	.....
40	All other vegetables.....	tons.. 61,700	4,801	591	1,319	19,827	1,078	.....
41	Sugar beets.....	acres.. 2,818	30,695	1,647	28,221	1,364	15,823	14,921
42	Hops.....	tons.. 2,089	44,323	3,689	41,065	1,581	26,644	10,383
43	Other special crops.....	acres.. 90	266	17	360	2	5,148	50
44	Potatoes.....	tons.. 160	1,386	440	2,812	9	13,485	40
45	<b>FRUITS AND NUTS</b>							
46	Total.....	acres.. 176	2,080	310	2,119	307	5,522	149
47	Apples.....	bushels.. 21,101	270,062	46,318	248,126	39,715	559,804	12,736
48	Peaches and nectarines.....	acres.. 133	1,696	354	1,671	165	1,679	120
49	Pears.....	acres.. 13	6	6	.....	.....	1	.....
50	Plums and prunes.....	tons.. 182	121	.....	.....	.....	12	.....
51	Cherries.....	acres.. 716	.....	.....	279	.....	10,223	.....
52	Apricots.....	pounds.. 559,021	.....	.....	214,510	.....	6,119,739	.....
53	<b>Orchard fruits:</b>							
54	Total.....	trees.. 13,815	243,473	23,365	265,112	41,019	656,476	27,058
55	Apples.....	bushels.. 17,161	174,293	48,949	194,286	6,916	675,182	3,805
56	Peaches and nectarines.....	trees.. 9,882	127,206	16,911	134,503	27,727	174,454	8,959
57	Pears.....	bushels.. 13,252	98,157	40,972	95,993	5,709	153,183	3,009
58	Plums and prunes.....	trees.. 999	15,876	235	5,743	2,179	14,123	11,736
59	Cherries.....	bushels.. 936	6,266	166	4,727	26	10,988	80
60	Apricots.....	trees.. 762	15,931	1,410	14,696	1,394	28,930	1,511
61	Other orchard fruits.....	bushels.. 861	19,537	1,361	16,072	226	34,208	259
62	<b>Small fruits:</b>	trees.. 1,235	66,542	3,861	94,276	7,637	415,749	2,189
63	Total.....	bushels.. 1,556	47,119	5,989	63,030	800	458,272	4,401
64	Strawberries.....	trees.. 816	17,465	895	15,448	1,144	22,535	2,17
65	Raspberries and loganberries.....	bushels.. 445	12,138	441	10,065	153	17,947	34
66	Blackberries and dewberries.....	trees.. 107	47	5	50	688	.....	333
67	Other small fruits.....	bushels.. 109	18	.....	33	7	.....	.....
68	<b>Nuts:</b>							
69	Total.....	vines.. 6	6,425	117	4,484	644	19,177	1,696
70	Walnuts (Persian or English).....	pounds.. 100,606	740	91,837	4,225	101,725	5,065	.....
71	Other nuts.....	acres.. 7	179	49	119	17	699	12
72	Strawberries.....	quarts.. 10,015	215,805	67,985	205,266	17,358	719,223	8,706
73	Raspberries and loganberries.....	acres.. 2	82	28	81	4	235	4
74	Blackberries and dewberries.....	quarts.. 2,936	74,277	39,551	155,186	4,158	259,045	3,330
75	Other small fruits.....	acres.. 2	57	20	27	5	257	2
76	Walnuts (Persian or English).....	quarts.. 2,727	87,580	25,463	39,327	4,262	423,143	1,430
77	Other nuts.....	acres.. 1	19	1	5	2	14	3
78	Walnuts (Persian or English).....	quarts.. 2,040	30,121	2,304	5,178	2,184	12,833	2,326
79	<b>Receipts from sale of feedable crops:</b>							
80	Total.....	trees.. 30	1,069	95	315	23	2,082	1,394
81	Walnuts (Persian or English).....	pounds.. 305	7,010	270	6,916	.....	31,124	.....
82	Other feedable crops.....	trees.. 3	662	64	227	9	1,332	1
		pounds.. 80	4,852	90	3,245	.....	6,557	.....

TABLE 5.—SELECTED FARM EXPENSES

1	<b>Labor.....</b>							
2	Farms reporting.....	339	1,185	224	1,304	578	2,003	401
3	Cash expended.....	dollars.. 205,621	199,060	32,869	212,991	346,450	788,539	280,423
4	Rent and board furnished.....	dollars.. 42,804	91,925	5,459	46,549	109,389	92,308	86,813
5	<b>Fertilizer.....</b>							
6	Farms reporting.....	1	70	8	186	2	308	10
7	Amount expended.....	dollars.. 7	1,223	73	3,505	22	6,191	1
8	<b>Feed.....</b>							
9	Farms reporting.....	260	1,089	397	1,055	373	1,555	246
10	Amount expended.....	dollars.. 38,162	91,241	23,520	105,094	180,581	145,227	89,592
11	<b>Receipts from sale of feedable crops.....</b>	dollars.. 66,863	180,392	3,984	255,957	239,340	324,795	41,708

AGRICULTURE—OREGON.

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

	Multnomah.	Polk.	Sherman.	Tillamook.	Umatilla.	Union.	Wallowa.	Wasco.	Washington.	Wheeler.	Yamhill.	Indian res.
1	1,422,200	2,194,005	1,566,905	447,054	4,958,217	2,332,772	1,253,488	1,600,785	3,021,376	382,942	2,300,718	
2	93,904	621,195	1,454,281	25	3,022,855	1,398,463	515,454	788,943	798,905	61,777	696,400	
3	3,786	45,038		6	5	3,189	4,167		7,561		51,609	
4	394,002	386,195	81,443	317,991	919,050	496,999	523,999	428,157	754,042	260,933	495,880	
5	413,582	104,070	21,647	60,284	133,166	123,997	71,603	130,565	442,655	29,179	161,111	
6	222,411	165,139	8,651	15,646	193,036	180,560	34,805	105,972	190,688	16,747	324,696	
7	294,515	870,362	883	53,102	90,105	129,564	103,500	147,148	827,525	14,306	571,013	
8												
9	3,918	45,007	133,755	1	215,795	68,629	24,658	56,099	39,638	4,492	43,899	
10	173,054	1,171,010	1,692,498	25	4,547,988	2,184,187	851,587	978,064	1,418,125	71,150	1,235,809	
11	129	190	191	1	384	124	497		428	15	695	
12	6,150	5,561	3,742	25	9,499	4,429	17,120	5,974	3,826	377	19,392	
13	143,390	31,091	2,279		1,077	10,087	5,751	3,364	20,358	559	28,231	
14	355	896,579	43,887		41,324	684,556	269,652	70,987	1,152,816	12,424	905,956	
15	11,044	13,089	122,926		186,217	41,457	12,295	45,461	9,543	2,341	14,082	
16	30	254,594	1,541,092		3,905,343	1,177,808	330,873	734,258	239,918	33,275	288,859	
17	1,500	15			40	88	13	30		25	167	
18	275	628	8,859		1,800	3,680	380	1,800	595		4,413	
19	10,685	14,142	103,777		27,836	9,802	4,444	6,756	534	1,055	566	
20	10	8			528,718	300,655	199,528	161,655	19,518	18,600	14,690	
21	285	109			241	1,041	1,688	30	68	522	134	
22	55				1,362	13,079	34,015	290	1,402	6,474	2,117	
23	1,693					13			9		32	
24	1	15				423	35		264		478	
25	7	101				11	17		4		20	
26	12,971	24,486	8,550	10,673	45,549	33,147	32,283	25,575	32,400	14,931	30,474	
27	28,865	38,487	6,140	26,109	88,430	53,589	69,601	30,944	72,240	25,280	48,489	
28	8,539	8,057	194	7,599	16,447	18,545	15,241	3,211	19,919	6,767	12,114	
29	19,720	11,651	609	17,522	57,114	34,205	36,553	6,849	37,206	10,900	17,244	
30	1,202	463	86	71	2,443	7,043	6,093	324	3,063	1,597	1,265	
31	2,655	531	72	157	2,105	9,943	12,279	414	5,805	2,888	1,378	
32	5,106	210	66	805	190	2,686	2,138	346	8,533	114	910	
33	11,527	312	86	2,090	427	4,410	5,054	536	15,713	269	1,189	
34	1,626	2,601		184	25	178	263	15	7,238		6,298	
35	4,191	3,832		408	80	418	791	26	13,564		8,874	
36	274	100	92		13,783	6,929	6,591	2,293	70	4,257	140	
37	735	205	451		54,483	17,344	18,222	5,633	122	12,003	448	
38								25			8	
39						2		34			6	
40	271	4,683		6,539		1,709	156	208	1,015	799	3,487	
41	612	6,771		14,867		2,088	207	206	2,002	1,800	5,349	
42	1,967	591	120	1,011	951	6,413	1,428	2,168	386	344	902	
43	2,230	673	60	2,340	1,012	7,135	2,698	1,704	518	464	985	
44	2,189	15,525	8,137	1,815	28,138	8,105	15,471	19,967	10,896	7,818	17,092	
45	4,266	24,617	5,369	4,442	30,261	11,840	30,026	22,179	20,438	7,854	27,065	
46	262	307	99	51	13	62	143	225	1,005	2	350	
47	2,517	1,512	102	265	43	174	324	208	12,367	2	3,130	
48	3,774	914	256	234	1,160	1,989	444	1,535	5,849	140	1,843	
49	472,654	93,123	14,633	38,447	124,640	238,272	68,679	86,873	489,832	14,172	173,627	
50	1,404	720	126	186	979	672	386	1,149	1,866	164	1,310	
51		3		6		683	124		217		50	
52		4,497		85		5,028	1,604		5,531		564	
53								21	1,675		2,292	
54		3,949,420						12,000	2,494,060		1,861,187	
55	98,104	242,333	17,089	12,922	135,355	217,166	39,033	137,173	241,972	16,659	435,075	
56	115,489	238,239	5,129	9,176	122,098	195,502	30,516	78,020	250,748	15,537	522,566	
57	46,878	88,412	6,375	7,868	55,657	154,671	23,582	45,793	107,837	10,189	115,248	
58	47,100	70,408	2,127	7,326	80,764	127,979	20,408	24,655	92,843	12,233	89,292	
59	787	4,238	5,720	7	39,016	3,848	5,168	30,151	1,658	1,747	8,176	
60	480	3,615	1,673	1	441	2,781	1,149	1,418	853	35	10,170	
61	12,235	16,844	1,391	701	5,246	8,077	1,793	7,874	19,320	1,401	15,859	
62	18,253	22,709	718	159	7,208	10,625	2,221	8,445	32,851	1,439	20,238	
63	23,731	121,430	2,102	3,599	25,955	32,529	5,482	30,823	101,284	2,205	271,366	
64	26,230	128,082	459	1,653	25,677	40,997	5,557	37,248	110,553	1,716	384,232	
65	13,966	11,971	849	757	8,121	17,757	2,149	18,883	10,773	794	23,780	
66	22,781	13,108	122	37	7,853	13,026	1,091	5,883	12,800	108	18,000	
67	119	14	607	3	575	237	842	3,418	18	315	58	
68	172	32	30		141	94	90	354	11	6	44	
69	7,734	12,303	7,020		21,611	49	798	48,469	57,605	231	6,421	
70	60,435	65,966	13,150		273,052	265	5,170	485,097	414,706	2,125	105,043	
71	787	176	7	54	311	145	20	90	135	9	515	
72	2,286,924	321,585	25,594	62,436	629,699	224,734	32,426	141,416	183,784	7,862	709,880	
73	400	108		13	210	93	9	59	90	1	206	
74	1,067,607	160,839	580	17,259	418,406	129,989	16,305	92,590	116,512	828	240,306	
75	260	39	3	27	29	32	4	16	25	5	273	
76	777,379	84,444	5,136	26,310	54,367	65,731	8,087	14,342	44,470	4,735	414,925	
77	86	10	4	6	13	13	8	8			22	
78	312,442	32,821	19,540	5,744	153,168	19,766	488	27,257	9,820	111	38,111	
79	1,212	455	18	11	154	19	122	755	709	42	3,117	
80	10,512	6,875			3,050	95	125	550	5,317	110	46,092	
81	1,055	263		9			8	447	457	39	2,986	
82	8,787	1,895					50	110	1,363	110	39,871	

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	844	865	328	360	1,360	806	522	750	1,589	257	1,220	
2	340,621	511,600	185,493	73,480	879,756	317,878	194,543	380,241	461,537	147,404	394,659	
3	95,281	38,403	45,523	17,027	210,962	70,599	56,071	121,248	58,620	46,559	47,178	
4	278	55	1	22	18	3		24	753	1	176	
5	10,888	1,819	302	723	170			2,531	15,491	10	3,789	
6	990	654	126	505	1,023	518	266	559	1,651	173	1,028	
7	316,149	75,023	19,222	49,042	243,117	72,765	65,012	89,981	212,735	27,770	138,639	
8	60,942	196,489	15,810	11,829	368,841	313,957	140,637	119,095	281,717	33,175	204,283	

AGRICULTURE—OREGON.

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

		THE STATE.	Baker.	Benton.	Clackamas.	Clatsop.	Columbia.	Coos.	Crook.
1	Inclosures reporting domestic animals.....	14,143	575	274	738	225	200	387	172
2	Value of domestic animals.....dollars..	4,997,977	199,193	65,941	141,042	63,997	39,390	97,236	91,287
<b>Cattle:</b>									
3	Total number.....	17,005	830	265	978	378	343	622	302
4	Value.....dollars..	583,065	32,386	10,454	33,501	12,226	9,905	16,653	9,407
5	Number of dairy cows.....	12,014	537	211	736	310	225	387	146
<b>Horses:</b>									
6	Total number.....	30,203	1,521	415	784	356	176	541	878
7	Value.....dollars..	4,124,678	100,725	54,530	105,543	46,380	28,070	73,094	80,595
8	Number of mature horses.....	29,425	1,454	411	770	345	174	523	834
<b>Mules and asses and burros:</b>									
9	Total number.....	1,450	31	5	5	35	1	37	4
10	Value.....dollars..	248,046	4,200	405	425	5,200	10	5,720	415
11	Number of mature mules.....	1,339	22	5	2	35	1	32	4
<b>Swine:</b>									
12	Total number.....	3,060	213	31	81	19	34	80	89
13	Value.....dollars..	27,634	1,833	212	677	169	453	621	580
<b>Sheep and goats:</b>									
14	Total number.....	3,439	19	50	297	7	24	366	17
15	Value.....dollars..	9,614	49	340	890	22	52	1,148	290

		Curry.	Douglas.	Guliam.	Grant.	Harney.	Hood River.	Jackson.	Josephine.	Klamath.
1	Inclosures reporting domestic animals.....	48	479	38	163	36	129	662	216	224
2	Value of domestic animals.....dollars..	22,429	122,556	17,565	68,149	15,811	45,834	186,707	74,816	239,141
<b>Cattle:</b>										
3	Total number.....	156	633	51	331	31	107	610	402	260
4	Value.....dollars..	3,137	20,211	1,941	8,046	875	4,824	23,822	9,634	9,471
5	Number of dairy cows.....	62	479	36	107	20	89	458	184	163
<b>Horses:</b>										
6	Total number.....	122	713	126	702	203	270	1,201	463	933
7	Value.....dollars..	18,240	95,255	15,460	56,810	14,885	39,135	157,521	60,195	216,325
8	Number of mature horses.....	118	690	126	656	188	267	1,166	450	916
<b>Mules and asses and burros:</b>										
9	Total number.....	3	34	5	5	7	54	32	97	
10	Value.....dollars..	305	5,530	1,200	1,200	1,650	4,240	4,076	13,170	
11	Number of mature mules.....	2	33	4	4	7	27	24	90	
<b>Swine:</b>										
12	Total number.....	90	51	19	184	4	17	150	53	9
13	Value.....dollars..	359	480	158	1,750	30	225	902	207	65
<b>Sheep and goats:</b>										
14	Total number.....	111	410	2	53	4	58	67	7	
15	Value.....dollars..	388	1,080	6	243	21	222	204	110	

		Lake.	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.	Multnomah.	Polk.
1	Inclosures reporting domestic animals.....	192	1,041	93	651	157	1,252	18	2,731	411
2	Value of domestic animals.....dollars..	92,379	257,326	17,130	170,785	127,121	271,659	9,999	1,436,552	87,547
<b>Cattle:</b>										
3	Total number.....	273	1,344	139	809	223	1,217	25	2,128	432
4	Value.....dollars..	7,242	44,056	4,353	29,040	7,077	42,966	673	84,751	13,897
5	Number of dairy cows.....	164	1,027	97	614	104	1,040	17	1,720	333
<b>Horses:</b>										
6	Total number.....	524	1,679	103	1,043	595	1,596	82	8,495	546
7	Value.....dollars..	48,250	196,771	12,115	138,273	61,692	221,866	9,320	1,310,687	71,662
8	Number of mature horses.....	502	1,630	98	1,003	578	1,571	80	8,447	532
<b>Mules and asses and burros:</b>										
9	Total number.....	180	117	6	67	313	21	178	8	
10	Value.....dollars..	36,725	13,525	650	8,170	58,275	4,600	36,920	840	
11	Number of mature mules.....	183	110	6	66	311	11	171	8	
<b>Swine:</b>										
12	Total number.....	16	197	1	140	5	187	1	401	87
13	Value.....dollars..	162	1,450	12	959	51	1,137	6	4,001	667
<b>Sheep and goats:</b>										
14	Total number.....	538	217	6	217	6	562	29	333	
15	Value.....dollars..	1,524	343	26	1,090	26	1,090	193	481	

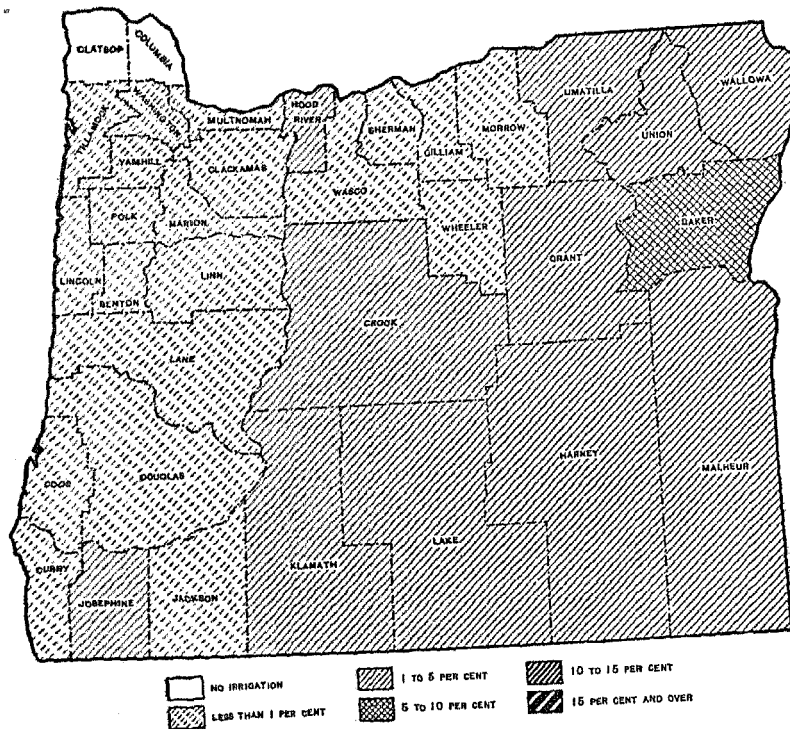
		Sherman.	Tillamook.	Umatilla.	Union.	Wallowa.	Wasco.	Washington.	Wheeler.	Yamhill.
1	Inclosures reporting domestic animals.....	81	154	466	604	242	355	416	78	635
2	Value of domestic animals.....dollars..	34,055	59,933	147,178	182,765	96,294	238,549	111,570	30,330	130,211
<b>Cattle:</b>										
3	Total number.....	106	175	999	813	398	285	472	139	730
4	Value.....dollars..	4,207	6,154	29,356	32,848	15,865	11,253	19,181	3,953	24,040
5	Number of dairy cows.....	81	118	494	541	245	217	372	82	548
<b>Horses:</b>										
6	Total number.....	240	289	945	1,139	624	1,300	586	230	777
7	Value.....dollars..	27,730	52,991	114,901	144,086	78,150	196,113	87,102	26,206	103,600
8	Number of mature horses.....	229	272	894	1,081	617	1,292	571	211	769
<b>Mules and asses and burros:</b>										
9	Total number.....	12	4	15	6	11	124	21	1	7
10	Value.....dollars..	1,950	395	2,550	1,250	1,700	28,350	4,600	100	900
11	Number of mature mules.....	12	4	14	6	6	118	17	1	7
<b>Swine:</b>										
12	Total number.....	20	12	36	353	33	221	54	9	154
13	Value.....dollars..	168	393	349	4,576	475	2,687	567	71	1,192
<b>Sheep and goats:</b>										
14	Total number.....	7	7	7	1	16	29	39	170	
15	Value.....dollars..	22	22	22	5	104	146	180	479	

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PER CENT OF TOTAL LAND AREA IRRIGATED, AND PER CENT OF NUMBER OF FARMS IRRIGATED,  
IN OREGON, BY COUNTIES: 1909.

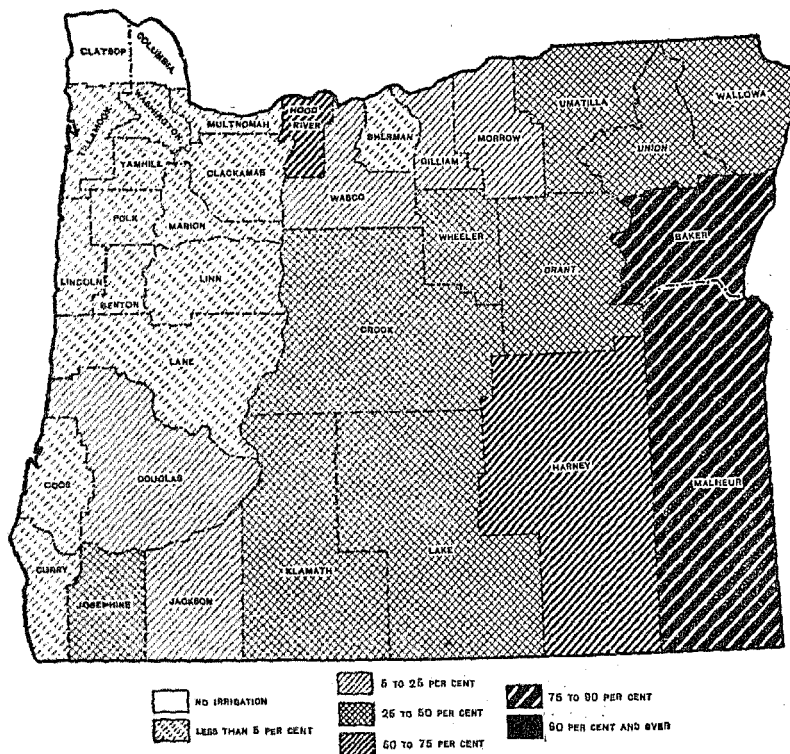
PER CENT OF TOTAL LAND AREA IRRIGATED.

[Per cent for the state, 1.1.]



PER CENT OF NUMBER OF FARMS IRRIGATED.

[Per cent for the state, 14.7.]



# OREGON.

## FARMS AND ACREAGE IRRIGATED.

The Cascade Mountain range, which parallels the coast line and extends across the state about 125 miles inland, divides Oregon into two parts, which differ widely in climatic characteristics. The western third of the state, lying between these mountains and the coast is, except in the extreme southern part, generally humid, with an average annual precipitation which is ample in most sections for the maturing of crops without irrigation. The regions east of the mountains, however, are arid or semiarid, and it is in this section of the state that irrigation is most widely practiced. Irrigation was reported in 1909 from all counties in the state except two, but of the total acreage supplied with water in that year about 96 per cent lies

east of the mountains. The location of irrigated lands is indicated in a general way by the accompanying maps, which show the class in which each county falls with reference to the percentage which irrigated land forms of the total land area and the percentage which irrigated farms represent of all farms.

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

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Number of all farms.....	<sup>1</sup> 45,502	<sup>2</sup> 35,837	9,665	27.0
Approximate land area of the state..... acres.	61,188,480	61,188,480	.....	.....
Land in farms..... acres.	<sup>1</sup> 11,685,110	<sup>2</sup> 10,071,328	1,613,782	16.0
Improved land in farms..... acres.	<sup>1</sup> 4,274,803	<sup>2</sup> 3,328,308	946,495	28.4
Number of farms irrigated.....	<sup>3</sup> 6,669	<sup>4</sup> 4,636	2,033	43.9
Acreage irrigated.....	<sup>3</sup> 686,129	<sup>4</sup> 388,310	297,819	76.7
Acreage enterprises were capable of irrigating.....	<sup>5</sup> 830,526	(6)	.....	.....
Acreage included in projects.....	<sup>5</sup> 2,527,208	(6)	.....	.....
Percentage irrigated of—				
Number of all farms.....	14.7	12.9	1.8	.....
Approximate land area of the state.....	1.1	0.6	0.5	.....
Land in farms.....	5.9	3.9	2.0	.....
Improved land in farms.....	16.1	11.7	4.4	.....
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	144,397	.....	.....	.....
Excess of acreage included in projects over acreage irrigated in 1909.....	1,841,079	.....	.....	.....

<sup>1</sup> April 15.

<sup>2</sup> June 1.

<sup>3</sup> In 1909.

<sup>4</sup> In 1899.

<sup>5</sup> July 1.

<sup>6</sup> Not reported.

**Number of farms irrigated.**—The number of farms irrigated is made up of the number reported on the supplemental schedules by the regular enumerators, together with an estimate of the number of farms covered by enterprises which were reported by special agents but not by the regular enumerators. This estimate was based upon the average acreage irrigated per farm as shown by the supplemental schedules. According to the figures presented in the table, irrigation was practiced on about one-seventh (14.7 per cent) of the farms in the state in 1909. In 1899 the proportion of irrigated farms was 12.9 per cent, while in 1889 the proportion was 12.3 per cent. It is evident that between 1889 and 1899 the number of irrigated farms in the state increased at about the same rate as the number of unirrigated farms. During the later decade, however, the rate of increase in the number of irrigated farms was almost twice as great as that in the number of unirrigated farms.

Of the 34 counties in the state, only 4 report more than half their farms as irrigated; in 4 the proportion is between 40 and 50 per cent and in 2 it is between 30 and 40 per cent. In only 6 out of the remaining 24 counties are as many as 10 per cent of the farms irri-

gated. In 16 counties less than 10 per cent of the farms are irrigated, while from 2 no irrigation at all is reported. The 18 counties last mentioned are all in the western part of the state, whereas the counties which have a large proportion of their farms irrigated are in the eastern part. In Baker County the irrigated farms form 80.6 per cent of the whole number of farms, and in Malheur and Hood River Counties, 77.7 and 62.4 per cent, respectively.

From 1899 to 1909 the increase in the number of farms irrigated was 43.9 per cent for the state as a whole. This percentage was exceeded in 7 counties in which no change of boundaries took place during the decade, and in the territory which comprised Wasco County in 1899 and Wasco and Hood River Counties in 1909. This high rate of increase was confined almost entirely to the counties east of the mountains, which together show an increase of 46.1 per cent. Although the counties west of the Cascades together show an increase of 32.8 per cent, the extension of irrigation in this section was confined almost entirely to Douglas, Jackson, and Josephine Counties. In the counties west of the Cascades which in the table at the end of this bulletin are included under the head of

"all other counties" the total number of irrigated farms fell off 51.5 per cent. In Crook County the number of such farms increased 157.5 per cent, in Umatilla County 108.2 per cent, in Klamath County 106.2 per cent, in Morrow County 88.2 per cent, and in Josephine County 70.6 per cent. The greatest absolute increase for a single county was reported for Umatilla County, 356 farms. The territory comprising Baker and Union Counties showed an increase of 395 farms.

**Acreage irrigated.**—The acreage irrigated is taken from special schedules filled out by agents from information obtained from owners or officials of irrigation enterprises and, in some instances, from public records. The acreage thus obtained is considerably larger than the irrigated acreage reported on the supplemental schedules filled out by the farm enumerators. This difference is due in a measure to the fact that the special agents found enterprises which were not reported on any schedules returned by the enumerators, indicating that the acreage reported on the supplemental schedules is to some extent under the true figure. There is, however, a natural tendency for the officials of enterprises to report as irrigated the entire area of farms of which only a part was irrigated. Furthermore, some farms are so situated as to receive water from more than one enterprise, and may be reported as irrigated by each, which results in duplication. Owing to the two causes last enumerated, it is probable that the acreage irrigated as shown in this bulletin is somewhat excessive, but the extent of this excess can not be determined. It is believed, however, to be less than 10 per cent for the state of Oregon.

The total acreage reported as irrigated in 1909 was 686,129 acres, as against 388,310 acres in 1899 and 177,944 acres in 1889. The percentage of increase from 1889 to 1899 was 118.2 and that from 1899 to 1909, 76.7. The absolute increase during the later decade was, however, 297,819 acres, while that during the earlier decade was only 210,366 acres.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than the percentage of increase in the number of farms irrigated. This indicates that there was an increase in the acreage irrigated per farm, the average being 102.9 acres in 1909, as compared with 83.8 acres in 1899. As a decrease from 281 acres to 256.8 acres in the average size of the farms of the state was reported for the same period, it is probable that farmers are irrigating larger parts of their holdings than formerly. It is not possible, however, to determine how far this is actually the case, as the higher average size shown for 1900 was due to a considerable extent to the inclusion of the entire acreage of an Indian reservation in Crook County that was not included in the returns for 1910. The percentage which the irrigated area represented of the total improved farm acreage was 11.7 per cent in 1899, while in 1909 it was 16.1 per cent.

The percentage of the total land area of the state irrigated in 1909 was 1.1, compared with 0.6 per cent in 1899 and 0.3 per cent in 1889.

The county for which the largest area of irrigated land was reported in 1909 was Baker, with an irrigated acreage of 129,673. Harney County, which in 1899 ranked first in area of irrigated land, was second in 1909, with 129,135 acres. In three other counties the area of irrigated land in 1909 exceeded 50,000 acres, while five counties contained irrigated areas of between 30,000 and 50,000 acres.

The county in which irrigated land formed the highest percentage of the total area was Baker, where 6.6 per cent of the land area was irrigated. In only 4 other counties—Harney, Hood River, Union, and Willowa—was the proportion as high as 2 per cent.

**Acreage included in projects.**—The preceding table shows that in 1910 existing enterprises were ready to supply water to 144,397 acres more than were irrigated in 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 1,841,079 acres, which is more than six times the acreage brought under irrigation in the last decade and nearly three times the total area irrigated in 1909. This acreage represents the area which will be available for the extension of irrigation in the next few years upon the completion of the projects now under construction. It indicates in a general way the area available for settlement, although much of this unirrigated land is in farms already settled.

**Acreage irrigated, classified by character of enterprise.**—The following table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works. In Klamath County an area of 10,000 acres formerly irrigated by various enterprises has been taken over by the United States Reclamation Service and is here credited to that service.

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
<b>All classes.....</b>	686,129	100.0
U. S. Reclamation Service.....	22,000	3.2
U. S. Indian Service.....	429	0.1
Carey Act enterprises.....	24,750	3.6
Irrigation districts.....	1,500	0.2
Cooperative enterprises.....	149,085	21.9
Commercial enterprises.....	77,387	11.3
Individual and partnership enterprises.....	410,078	59.8

Irrigation districts, cooperative enterprises, and individual and partnership enterprises are all controlled by the water users. These supply about 82 per cent of the acreage irrigated, while United States Reclamation Service and Carey Act enterprises, which are to be turned over to the water users, supply about 7 per cent. Thus only a small percentage of the land irrigated is supplied by works which are not either



controlled by the water users or to be turned over to them ultimately. The cooperative enterprises, which supplied water for 21.9 per cent of the land irrigated in 1909, are principally stock companies, of which the stock is owned by the water users.

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

From this table it is apparent that up to the present time there has been no extensive development of any

source of water supply other than streams, although lakes and springs supply considerable areas.

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	686,129	100.0
Streams.....	646,866	94.3
Lakes.....	23,736	3.5
Wells.....	1,460	0.2
Springs.....	10,788	1.6
Reservoirs.....	3,279	0.5

**IRRIGATION WORKS.**

The following table summarizes the data collected relating to works for supplying water for irrigation in 1910 and 1900. As only two of the items reported in 1910 were reported in 1900, there is little opportunity for comparison between the two censuses. The figures shown for the earlier census relate only to those systems which received water from streams in 1899, but the other systems represented in the Twelfth Census report, which obtained water from wells, supplied only 199 acres of the total area reported as irrigated in 1899.

Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average acreage irrigated per enterprise in 1909 was 183.2 and the acreage irrigated per mile of main ditch was 123.9. For the enterprises shown for 1900, the average acreage irrigated per enterprise in 1899 was 208.1 and the average per mile of main ditch was 170.

There has been little utilization of underground water for irrigation up to this time. The table shows 51 flowing wells, which irrigated 655 acres, and 92 pumped wells, which irrigated 805 acres. All but 6 of the flowing wells are in Harney and Klamath

Counties, while more than two-thirds of the pumped wells are in Jackson, Josephine, Umatilla, and Union Counties. Klamath County has the largest acreage irrigated by flowing wells—500 acres—while Umatilla has the largest acreage supplied from pumped wells—398 acres. Pumping from wells, lakes, or streams is but little practiced as yet, the total acreage supplied with pumped water being only 5,211 acres in 1909.

IRRIGATION WORKS	CENSUS OF—		INCREASE.	
	1910	1900 <sup>1</sup>	Amount.	Per cent.
Independent enterprises.....number..	3,745	1,865	1,880	100.8
Ditches, total length.....miles.....	7,591	( <sup>2</sup> )		
Main ditches.....number.....	3,582	( <sup>2</sup> )		
Length.....miles.....	5,539	2,283	3,256	142.6
Capacity.....cu. ft. per second.....	39,686	( <sup>2</sup> )		
Lateral ditches.....number.....	2,513	( <sup>2</sup> )		
Length.....miles.....	2,052	( <sup>2</sup> )		
Reservoirs.....number.....	271	( <sup>2</sup> )		
Capacity.....acre-feet.....	1,024,206	( <sup>2</sup> )		
Flowing wells.....number.....	51	( <sup>2</sup> )		
Capacity.....gals. per minute.....	3,035	( <sup>2</sup> )		
Pumped wells.....number.....	82	( <sup>2</sup> )		
Capacity.....gals. per minute.....	20,833	( <sup>2</sup> )		
Pumping plants.....number.....	229	( <sup>2</sup> )		
Engine capacity.....horsepower.....	3,095	( <sup>2</sup> )		
Pump capacity.....gals. per minute.....	118,514	( <sup>2</sup> )		

<sup>1</sup> Figures relate only to systems obtaining water from streams. <sup>2</sup> Not reported.

**COST OF CONSTRUCTION, OPERATION, AND MAINTENANCE.**

The table following shows the total cost of irrigation enterprises up to July 1, 1910, including construction of works and acquisition of rights but not operation and maintenance, with the average cost per acre, based on the acreage the enterprises were capable of irrigating in 1910; the estimated final cost of enterprises completed and enterprises now under construction, with the average cost per acre, based on the acreage included in projects; and the total cost and average cost per acre of operation and maintenance in 1909. Data relating to the cost of construction and maintenance of systems operated in 1899 are included for comparison. The figure for average cost per acre of operation and maintenance in 1899 does not cover the cost for systems receiving water from wells, but these are comparatively unimportant, having supplied only 199 acres in that year.

The cost of operation and maintenance is not reported for individual and partnership enterprises, for the reason that farmers whose land is irrigated by such systems generally clean their own ditches

at odd times without keeping any record of the time spent. In the case of the larger enterprises this cost represents a cash outlay by the farmers, while in the case of many of the smaller cooperative enterprises the cost is worked out by the farmers.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Cost of irrigation enterprises..... <sup>1</sup>	\$12,760,214	<sup>2</sup> \$1,843,771	\$10,916,443	592.1
Average per acre.....	<sup>3</sup> \$15.36	<sup>4</sup> \$4.75	( <sup>5</sup> )	
Estimated final cost of existing enterprises.....	\$39,216,010	( <sup>6</sup> )		
Average per acre included in projects.....	\$15.52	( <sup>6</sup> )		
Operation and maintenance:				
Acreage for which cost is reported.....	203,855	( <sup>6</sup> )		
Total cost reported.....	<sup>7</sup> \$198,111	( <sup>6</sup> )		
Average cost per acre.....	\$0.75	<sup>8</sup> \$0.22	\$0.53	240.9

<sup>1</sup> Reported July 1.  
<sup>2</sup> Cost of construction of systems operated in 1899.  
<sup>3</sup> Based on acreage enterprises were capable of irrigating in 1910.  
<sup>4</sup> Based on acreage irrigated in 1899.  
<sup>5</sup> Figures not comparable. (See explanation in text.)  
<sup>6</sup> Not reported.  
<sup>7</sup> For 1909.  
<sup>8</sup> Exclusive of systems receiving water from wells.

The cost of irrigation systems shows the largest increase of any item included in the census of irrigation, 592.1 per cent, while the average cost per acre also shows a considerable increase. It should be noted that the average cost per acre shown for the census of 1900 is based on the acreage irrigated in 1899, instead of the acreage under ditch, which forms the basis of the average for 1910, the latter acreage not being reported in 1900. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$18.60, representing an increase of 291.6 per cent over the corresponding figure for the census of 1900. The year 1899 was near the close of the period of private and cooperative construction, when most of the works were built by the water users themselves with little or no expenditure of money, and near the beginning of the present period of large-scale construction by corporations and the Federal Government. This later construction is not only on a more extensive scale but also more difficult and of a better type. Largely as a result of these influences the average cost per acre of irrigation has greatly increased. The average cost up to July 1, 1910, for Oregon, as shown in the table, is, however, below the general average reported for the entire arid region. In Oregon this cost is slightly exceeded by the average (\$15.52) based on the estimated final cost and the acreage included in projects.

As previously stated, the data relating to irrigated crops are taken from supplemental schedules filled out by the regular census enumerators. Since the special agents found enterprises which the enumerators had not reported, it is evident that the information relating to irrigated crops is incomplete to some extent. It shows, however, the relative importance of the different irrigated crops and is sufficiently complete to afford reliable averages of yields.

The table following shows the acreage, yield, and value of the principal crops reported as grown under

The highest cost of irrigation enterprises up to July 1, 1910, per acre enterprises were capable of irrigating—\$103.74—is reported from the counties grouped under the head of "all other counties" in the table at the end of this bulletin, a group which includes all the counties west of the Cascades, except Douglas, Jackson, Josephine, and Washington. In this section irrigation is an incidental, rather than an essential, feature of agriculture. Among the counties east of the Cascades, the highest average cost was reported by Umatilla County, where the unusual cost is due in a large measure to the heavy expenditures made on works which were nearly complete July 1, 1910, but on that date were ready to supply water to only a part of the land to be irrigated ultimately. The county showing the lowest average cost per acre—\$3.01—was Harney, in which county the acreage existing enterprises were capable of irrigating in 1910 was greater than in any other county.

The acreage for which cost of operation and maintenance in 1909 was reported constitutes 38.5 per cent of the total acreage reported as irrigated in 1909 and 95.6 per cent of the acreage reported as irrigated by other than individual and partnership enterprises. The cost reported can be said, therefore, to represent very fairly the average annual expense for all but individual and partnership enterprises.

## CROPS.

irrigation in 1909, in comparison with totals for the same crops reported for the entire state. While small quantities of other crops are grown both on irrigated and un-irrigated land, the leading crops of the state, as well as the leading crops grown under irrigation, are represented in the table. In the reports of the agricultural census the acreages of seed crops are not generally given, but since the growing of these crops, especially alfalfa seed, is coming to be an important industry in the irrigated sections of the country, the acreages are presented here.

CROP.	ACREAGE.			YIELD.			VALUE.	
	Total for state.	Irrigated.		Unit.	Total for state.	On irrigated land.	Total for state.	For irrigated land.
		Amount.	Per cent of total.					
<b>Cereals:</b>								
Corn.....	17,280	686	4.0	Bushels.....	451,757	17,921	\$310,430	\$15,187
Oats.....	339,162	20,415	6.0	Bushels.....	10,881,286	890,427	5,037,104	485,570
Wheat.....	703,187	21,059	2.8	Bushels.....	12,456,751	569,942	10,849,036	507,059
Emmer and spelt.....	719	41	5.7	Bushels.....	24,746	1,140	14,972	1,111
Barley.....	108,847	18,395	16.9	Bushels.....	2,377,735	505,074	1,513,310	380,643
Rye.....	12,913	1,458	11.3	Bushels.....	147,024	17,062	132,756	14,463
<b>Other grains and seeds:</b>								
Alfalfa seed.....	2,077	1,350	66.9	Bushels.....	8,006	5,728	68,265	48,231
Clover seed.....	8,770	12	0.1	Bushels.....	18,038	60	118,276	450
Dry peas.....	436	1	0.2	Bushels.....	9,344	20	16,035	72
<b>Hay and forage:</b>								
Timothy alone.....	40,166	16,297	40.6	Tons.....	67,239	31,871	724,091	285,065
Timothy and clover mixed.....	66,652	17,592	26.4	Tons.....	129,278	31,009	1,449,854	286,819
Clover alone.....	47,438	1,549	3.3	Tons.....	83,909	3,337	920,144	41,106
Alfalfa.....	129,427	100,623	83.0	Tons.....	375,445	331,515	3,275,250	2,756,875
Other tame or cultivated grasses <sup>1</sup> .....	62,118	3,442	5.5	Tons.....	107,816	6,329	1,078,210	61,342
Wild, salt, or prairie grasses.....	218,071	138,143	68.3	Tons.....	248,917	157,100	1,684,046	1,056,442
Grains cut green.....	373,703	14,172	3.8	Tons.....	509,030	21,530	5,738,931	228,339
Coarse forage.....	10,462	28	0.3	Tons.....	57,107	60	292,929	738
<b>Sundry crops:</b>								
Potatoes.....	44,265	3,402	7.7	Bushels.....	4,822,962	413,167	2,098,048	243,019
Sugar beets.....	1,176	582	49.5	Tons.....	15,606	4,948	74,002	23,626
Orchard fruits and grapes.....	(2)	5,241					3,438,621	535,043
Small fruits.....	5,122	1,205	23.5				641,194	198,258

<sup>1</sup> Includes millet or Hungarian grass.<sup>2</sup> Agricultural returns show number of trees and not acreage.

**Acreage.**—Of the entire acreage of the crops for which totals are presented in the table, slightly less than one-sixth is irrigated. The proportion irrigated varies widely for the different crops.

The cereals are very generally grown without irrigation, the irrigated acreage being only 5 per cent of the total acreage shown for these crops. The highest percentage of acreage irrigated shown for any cereal, 16.9, is reported for barley, and the next highest, 11.3, for rye. The proportions for oats and wheat are, respectively, 6 per cent and 2.8 per cent, the latter being the lowest percentage reported for any of the cereals.

Of the alfalfa acreage 83.6 per cent is irrigated, and of the land devoted to "wild, salt, or prairie grasses," 63.3 per cent. The corresponding percentage for timothy alone is 40.6, and that for timothy and clover mixed, 26.4. In the case of the remaining hay and forage crops the proportion of the total acreage irrigated is small.

Of the entire acreage in potatoes, 7.7 per cent is irrigated; of that in sugar beets, 49.5 per cent; and of that in small fruits, 23.5 per cent. The relative importance of the irrigated orchard acreage can not be determined, because the total acreage of orchards in the state is not reported, but it will be observed that but little more than one-seventh of the value of all orchard fruits produced in the state is that of products grown on irrigated land.

Of the irrigated crops shown in the table, "wild, salt, or prairie grasses" have the largest acreage, the acreage of this crop being 37.8 per cent of the total acreage of irrigated crops shown in the table. Alfalfa is next with 27.5 per cent, followed by wheat with 5.8 per cent; oats, with 5.6 per cent; and barley, with 5 per cent. No other single crop covers as much as 5 per cent of the total acreage of the irrigated crops presented in the table.

While most of the crops irrigated are well distributed geographically, there is a tendency toward the concentration of certain crops in particular localities. This is shown by the following statement, which gives the counties having the largest acreages of the principal irrigated crops, with the proportions which they contain of the total irrigated acreages of these crops in the state.

*Corn.*—Jackson County, 23.5 per cent; Baker, 18.8 per cent; Josephine, 15.7 per cent.

*Oats.*—Baker County, 46.2 per cent; Wallowa, 14.3 per cent; Crook, 9.9 per cent.

*Wheat.*—Baker County, 32.6 per cent; Klamath, 14.4 per cent; Wallowa, 13.5 per cent.

*Barley.*—Harney County, 29.3 per cent; Klamath, 19 per cent; Baker, 17.7 per cent.

*Rye.*—Crook County, 42.8 per cent; Malheur, 16.2 per cent; Wallowa, 11.6 per cent.

*Timothy alone.*—Baker County, 24.5 per cent; Grant, 22.9 per cent; Union, 15.2 per cent.

*Timothy and clover mixed.*—Baker County, 28.1 per cent; Grant, 23.7 per cent; Crook, 11 per cent.

*Clover alone.*—Josephine County, 17.7 per cent; Union, 16.4 per cent; Crook, 16.3 per cent.

*Alfalfa.*—Baker County, 21.7 per cent; Malheur, 18.9 per cent; Umatilla, 9.3 per cent.

*"Other tame or cultivated grasses."*—Josephine County, 27.6 per cent; Grant, 20.5 per cent; Baker, 17.6 per cent.

*Wild, salt, or prairie grasses.*—Harney County, 27.1 per cent; Lake, 23.9 per cent; Malheur, 13.3 per cent.

*Grains cut green.*—Crook County, 30.6 per cent; Wallowa, 15.8 per cent; Harney, 9 per cent.

*Potatoes.*—Baker County, 18.3 per cent; Hood River, 12.9 per cent; Harney, 11.7 per cent.

*Sugar beets.*—Union County, 82.8 per cent; Wallowa, 17.2 per cent.

*Orchard fruits and grapes.*—Union County, 25 per cent; Hood River, 23 per cent; Baker, 14.9 per cent.

*Small fruits.*—Hood River County, 47.4 per cent; Umatilla, 23.7 per cent; Union, 7.6 per cent.

**Yield.**—In the following table the average yields per acre of crops extensively grown, both with and without irrigation, are shown. The yields on unirrigated land are obtained by subtracting the totals for irrigated crops from the totals for the state.

CROP.	AVERAGE YIELD PER ACRE.		
	On unirrigated land.	On irrigated land.	
		Amount.	Per cent of excess over yield on unirrigated land. <sup>1</sup>
Oats.....bushels..	31.3	43.9	40.3
Wheat.....bushels..	16.0	27.1	69.4
Barley.....bushels..	20.0	30.7	53.5
Rye.....bushels..	11.3	12.1	7.1
Alfalfa seed.....bushels..	3.4	4.1	20.6
Timothy alone.....tons..	1.48	1.96	32.4
Timothy and clover mixed.....tons..	2.00	1.78	-12.0
Clover alone.....tons..	1.78	2.15	22.2
Alfalfa.....tons..	2.22	3.29	48.2
Wild, salt, or prairie grasses.....tons..	1.15	1.14	-0.9
Grains cut green.....tons..	1.36	1.52	11.8
Potatoes.....bushels..	107.9	121.4	12.5
Sugar beets.....tons..	17.94	8.50	-52.6

<sup>1</sup> A minus sign (-) indicates that the yield on irrigated land is less than that on unirrigated land.

All the crops in the table except three, "timothy and clover mixed," "wild, salt, or prairie grasses," and "sugar beets," show larger average yields per acre under irrigation than without it in 1909. In the case of all of these except rye, grains cut green, and potatoes, the excess is at least 20 per cent.

In considering these comparisons it should be borne in mind that they are not comparisons of yields on irrigated and on unirrigated land in the same localities, but of yields under irrigation in localities where crops can not be grown successfully without it with yields in localities where irrigation is not necessary. They do not indicate, therefore, the relative advantages of farming with and without irrigation in a given community, but rather give one factor for determining the relative advantages of farming where irrigation is necessary and where it is not necessary for the successful growing of crops.

## COUNTY TABLE.

The next table gives in detail, by counties, the data summarized above, except those relating to crops. For purposes of comparison the total number of farms in the state, the approximate land area of the state, the total land in farms, and the improved land in farms have been included in the table. Clatsop and Columbia Counties did not report any irrigation in 1909, but the number of farms, approximate land area, land in farms, and improved land in farms for these counties are included in the state totals and also in the last column of the table, under the heading "all other counties." These counties are all in the western part of the state, where irrigation was comparatively unimportant. The group of "all other counties" comprises for 1909 and 1910, in addition to the two named, twelve in which there was some irrigation, namely, Benton, Clackamas, Coos, Curry, Lane, Lincoln, Linn, Marion, Multnomah, Polk, Tillamook, and Yam-

hill. The counties represented under the head of "all other counties" for 1899 in the Twelfth Census Report were not named, but were all in the western section of the state.

Certain enterprises extend into more than one county, and in the case of some of these the reports do not segregate the data by counties. In such cases a distribution has been made according to the best estimates possible from all the information in the possession of the bureau. It is believed that these estimates are approximately correct.

*Change of boundaries.*—In comparing the data secured in 1910 with those of 1900, the following changes in county boundaries should be considered: (1) The organization of Hood River County from a part of Wasco County in 1908, and (2) the annexation of a part of Union County to Baker County in 1902.

# IRRIGATION—OREGON.

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

[Comparative data for 1899 in italics.]

		THE STATE.	Baker. <sup>1</sup>	Crook.	Douglas.	Gilliam.	Grant.	Harney.
1	Number of all farms in 1910.....	45,502	1,304	1,355	2,124	432	773	443
2	Number of farms irrigated in 1909.....	6,669	1,051	546	132	51	341	256
3	Per cent of all farms.....	14.7	80.6	40.3	6.2	11.8	44.1	57.8
4	Number of farms irrigated in 1899.....	<i>4,636</i>	<i>694</i>	<i>212</i>	<i>—</i>	<i>32</i>	<i>227</i>	<i>228</i>
5	Per cent of increase, 1899-1909.....	43.9	—	157.5	—	59.4	4.3	12.3
<b>LAND AND FARM AREA</b>								
6	Approximate land area..... acres.....	61,188,480	1,958,400	4,977,920	3,150,080	768,640	2,892,800	6,357,120
7	Land in farms..... acres.....	11,685,110	297,695	571,600	577,428	434,277	445,170	562,204
8	Improved land in farms..... acres.....	4,274,893	137,759	138,354	117,115	235,666	53,045	190,271
9	Acres irrigated in 1909.....	680,129	129,673	55,900	1,708	2,087	36,069	129,135
10	Per cent of total land area.....	1.1	6.6	1.1	0.1	0.3	1.2	2.0
11	Per cent of land in farms.....	5.9	43.6	9.8	0.3	0.5	8.1	23.0
12	Per cent of improved land in farms.....	16.1	94.1	40.4	1.5	0.9	68.0	64.8
13	Acres irrigated in 1899.....	<i>383,310</i>	<i>49,754</i>	<i>13,921</i>	<i>—</i>	<i>1,080</i>	<i>19,632</i>	<i>111,090</i>
14	Per cent of increase, 1899-1909.....	76.7	—	301.6	—	92.2	83.7	16.2
15	Acres enterprises were capable of irrigating in 1910.....	830,526	130,014	111,360	4,560	2,367	38,631	130,621
16	Acres included in projects.....	2,527,208	241,919	453,811	9,349	3,370	73,578	561,548
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>								
<b>CLASSIFIED BY CHARACTER OF ENTERPRISE.</b>								
17	U. S. Reclamation Service, irrigated in 1909.....	22,000	—	—	—	—	—	—
18	Enterprises were capable of irrigating in 1910.....	45,319	—	—	—	—	—	—
19	Included in projects.....	185,000	—	—	—	—	—	—
20	U. S. Indian Service, irrigated in 1909.....	429	—	9	—	—	—	—
21	Enterprises were capable of irrigating in 1910.....	439	—	9	—	—	—	—
22	Included in projects.....	879	—	9	—	—	—	—
23	Carey Act enterprises, irrigated in 1909.....	24,750	—	24,750	—	—	—	—
24	Enterprises were capable of irrigating in 1910.....	65,500	—	65,500	—	—	—	—
25	Included in projects.....	623,264	60,066	378,638	—	—	—	—
26	Irrigation districts, irrigated in 1909.....	1,500	—	—	—	—	—	—
27	Enterprises were capable of irrigating in 1910.....	1,500	—	—	—	—	—	—
28	Included in projects.....	5,980	—	—	—	—	—	—
29	Cooperative enterprises, irrigated in 1909.....	149,955	41,853	3,020	—	—	1,300	1,280
30	Enterprises were capable of irrigating in 1910.....	109,944	42,008	4,725	—	—	1,500	1,280
31	Included in projects.....	399,632	55,150	22,089	—	—	2,580	102,560
32	Commercial enterprises, irrigated in 1909.....	77,387	2,188	6,390	500	—	—	53,000
33	Enterprises were capable of irrigating in 1910.....	63,750	2,833	15,030	3,000	—	—	53,000
34	Included in projects.....	692,407	13,680	20,481	4,500	—	19,000	341,000
35	Individual and partnership enterprises, irrigated in 1909.....	410,078	85,632	21,731	1,208	2,087	34,769	74,855
36	Enterprises were capable of irrigating in 1910.....	454,074	91,473	26,125	1,500	2,367	37,431	82,341
37	Included in projects.....	619,936	113,053	32,694	4,849	3,370	61,938	117,988
<b>ACREAGE IRRIGATED</b>								
<b>CLASSIFIED BY SOURCE OF WATER SUPPLY.</b>								
38	Supplied from streams.....	646,860	128,739	55,795	1,686	2,046	35,894	125,103
39	By gravity.....	643,281	128,379	55,447	1,673	1,981	35,894	125,095
40	By pumping.....	3,579	360	348	13	65	—	8
41	Supplied from lakes.....	23,736	—	—	—	—	—	390
42	By gravity.....	22,915	—	—	—	—	—	390
43	By pumping.....	821	—	—	—	—	—	—
44	Supplied from wells.....	1,460	64	—	—	7	1	215
45	Flowing.....	655	4	—	—	—	—	135
46	By pumping.....	805	60	—	—	7	1	80
47	Supplied from springs.....	10,788	397	55	22	34	174	2,543
48	Supplied from reservoirs.....	3,279	473	50	—	—	—	884
49	Total acreage supplied by pumping.....	5,211	420	348	13	72	1	88
<b>IRRIGATION ENTERPRISES</b>								
50	Independent enterprises..... number.....	3,745	566	202	107	43	310	228
51	Number in 1899.....	<i>1,865</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
52	Per cent of increase, 1899-1910.....	100.8	—	—	—	—	—	—
53	Main ditches..... number.....	3,582	606	217	86	47	396	143
54	Number in 1899.....	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
55	Per cent of increase, 1899-1910.....	—	—	—	—	—	—	—
56	Length..... miles.....	5,539	1,175	504	79	54	513	306
57	Length in 1899..... miles.....	<i>2,283</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
58	Per cent of increase, 1899-1910.....	142.6	—	—	—	—	—	—
59	Capacity..... cubic feet per second.....	39,686	7,631	2,907	320	202	1,771	1,826
60	Laterals..... number.....	2,518	313	222	31	96	140	327
61	Length..... miles.....	2,052	309	340	8	33	37	151
62	Reservoirs..... number.....	271	75	11	4	4	5	28
63	Capacity..... acre-feet.....	1,024,266	100,938	11,856	5	2	8	363,140
64	Flowing wells..... number.....	51	3	—	—	—	—	25
65	Capacity..... gallons per minute.....	3,035	19	—	—	—	—	54
66	Pumped wells..... number.....	92	4	—	—	4	1	1
67	Capacity..... gallons per minute.....	20,883	1,003	—	—	66	35	400
68	Pumping plants..... number.....	229	8	5	3	10	1	2
69	Engine capacity..... horsepower.....	3,095	189	512	13	43	1	10
70	Pump capacity..... gallons per minute.....	118,514	5,964	5,548	583	2,621	35	496
<b>COST</b>								
71	Cost of enterprises up to July 1, 1910..... dollars.....	12,760,214	1,440,334	1,961,817	78,127	32,809	241,086	410,980
72	Cost in 1899..... dollars.....	<i>1,843,771</i>	<i>203,271</i>	<i>111,090</i>	<i>—</i>	<i>5,394</i>	<i>88,680</i>	<i>178,855</i>
73	Per cent of increase, 1899-1910.....	592.1	594.4	1,666.0	—	511.7	171.9	129.8
74	Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	15.36	10.63	17.62	17.36	13.87	6.24	3.01
75	Average cost per acre irrigated in 1899..... dollars.....	<i>4.75</i>	<i>4.45</i>	<i>7.98</i>	<i>—</i>	<i>4.34</i>	<i>4.52</i>	<i>1.61</i>
76	Estimated final cost of existing enterprises..... dollars.....	39,216,619	5,272,463	4,842,082	78,127	32,809	250,986	2,501,980
77	Average cost per acre included in projects..... dollars.....	15.52	21.79	10.67	8.36	9.73	3.41	4.46
<b>OPERATION AND MAINTENANCE</b>								
78	Acres for which cost is reported.....	263,855	41,689	31,410	500	—	500	54,280
79	Total cost reported..... dollars.....	198,111	14,848	25,837	2,300	—	250	8,838
80	Average per acre for which cost is reported..... dollars.....	0.75	0.36	0.82	4.60	—	0.50	0.15
81	Average cost per acre in 1899..... dollars.....	<i>0.22</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
82	Per cent of increase, 1899-1909.....	240.9	—	—	—	—	—	—

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

\* Not reported by counties. Figures relate only to systems obtaining water from streams.

IRRIGATION—OREGON.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND

[Comparative data for 1899 in italics.]

	Hood River.	Jackson.	Josephine.	Klamath.	Lake.	Malheur.	Morrow.	Sherman.
1	744	1,714	855	926	712	801	614	466
2	464	426	401	266	198	622	143	16
3	62.4	24.9	46.9	28.7	27.8	77.7	23.3	3.4
4	(1)	409	235	189	272	479	76	18
5		4.2	70.6	106.2	27.2	29.9	88.2	33.3
<b>LAND AND FARM AREA</b>								
6	347,520	1,815,040	1,120,640	3,839,360	5,068,800	6,325,120	1,296,000	535,040
7	38,049	297,171	121,845	454,340	401,555	280,175	673,997	372,526
8	14,284	103,238	30,969	176,564	104,419	81,901	236,029	273,018
9	8,071	12,239	12,866	46,975	37,078	67,626	7,541	218
10	2.3	0.7	1.1	1.2	1.1	1.1	0.6	(2)
11	21.2	4.1	10.6	10.3	14.2	29.4	1.1	0.1
12	56.5	11.9	41.5	26.6	54.7	82.6	3.2	0.1
13	(1)	7,954	4,121	23,911	51,993	49,295	5,866	112
14		73.5	212.2	96.5	9.8	37.2	95.1	94.6
15	14,150	17,978	14,503	62,785	69,612	79,210	8,118	329
16	48,964	82,427	24,659	208,105	273,546	208,025	14,937	459
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>								
<b>CLASSIFIED BY CHARACTER OF ENTERPRISE.</b>								
17				20,000				
18				30,000				
19				160,000				
20				420				
21				430				
22				870				
23								
24								
25					141,597	42,963		
26	1,500							
27	1,500							
28	5,980							
29	4,925	990	3,756	10,215	15,190	22,883		
30	10,835	3,985	4,057	12,960	15,190	25,642		
31	39,300	7,130	6,053	13,380	24,936	66,989		
32		875	445			1,000	849	
33		992	516			2,000	849	
34		55,780	1,506		50,000	20,000	6,309	
35	1,646	10,374	8,665	16,340	41,888	43,743	6,692	218
36	1,815	13,901	9,930	19,395	44,422	51,568	7,267	329
37	3,084	19,517	16,500	33,855	57,013	78,073	8,628	459
<b>ACREAGE IRRIGATED</b>								
<b>CLASSIFIED BY SOURCE OF WATER SUPPLY.</b>								
38	7,563	11,656	12,592	21,625	54,192	66,218	7,528	118
39	7,568	11,414	12,342	21,375	54,192	65,264	7,528	30
40	15	242	250	250		954	25	88
41			159	23,000		25		
42				22,500		25		
43			159	500				
44	15	68	32	500			3	15
45		15	1	500				
46	15	53	31				3	15
47	473	510	80	1,790	1,666	799	10	85
48		5	3	60	1,220	584		
49	30	295	440	750		954	28	104
<b>IRRIGATION ENTERPRISES</b>								
50	75	276	269	52	171	330	121	14
51								
52								
53	61	245	221	42	133	311	148	8
54								
55								
56	86	305	220	162	247	645	123	3
57								
58								
59	369	1,748	931	2,964	2,212	4,168	542	4
60	50	53	35	69	99	271	94	
61	68	57	17	160	54	350	27	
62	13	25	19	8	17	42	2	
63	5	45,907	7	181,274	64,901	188,443	1	
64			2					
65		225	17	20				
66	1	14	11	2,720				
67	100	5,633	2,200				3	2
68	2	21	32	2			220	600
69	10	165	168	224		29	4	8
70	231	19,086	9,881	9,720		410	24	70
<b>COST</b>								
71	361,714	457,936	239,327	1,910,580	769,908	2,032,636	187,716	9,512
72	(1)	73,229	32,297	225,242	135,137	507,435	21,528	222
73		485.4	641.7	748.2	469.5	300.6	772.0	1,057.2
74	25.56	25.47	16.50	30.43	12.92	25.66	23.13	28.91
75	(1)	11.09	7.85	9.42	2.60	10.22	5.67	7.54
76	392,214	1,770,936	239,327	5,110,580	7,338,681	5,057,171	187,716	9,512
77	8.01	21.48	9.95	24.56	26.83	24.31	12.57	20.72
<b>OPERATION AND MAINTENANCE</b>								
78	6,425	1,815	3,885	30,215	15,190	20,983		
79	27,935	10,402	2,905	22,225	1,180	10,966		
80	4.35	5.73	0.75	0.74	0.08	0.82		
81								
82								

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

<sup>2</sup> Decrease.

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

# IRRIGATION—OREGON.

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## COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in italics.]

	Umatilla.	Union. <sup>1</sup>	Wallowa.	Wasco. <sup>1</sup>	Washing- ton.	Wheeler.	All other counties.
1. Number of all farms in 1910.....	2,005	1,309	1,058	1,331	2,871	387	23,278
2. Number of farms irrigated in 1909.....	885	432	293	88	9	184	65
3. Per cent of all farms.....	34.2	33.0	27.7	6.6	0.3	47.5	0.3
4. <i>Number of farms irrigated in 1899.....</i>	<i>829</i>	<i>494</i>	<i>178</i>	<i>303</i>		<i>193</i>	<i>154</i>
5. Per cent of increase, 1899-1909.....	108.2		64.0			24.7	251.5
<b>LAND AND FARM AREA</b>							
6. Approximate land area..... acres.....	2,030,720	1,335,680	2,012,800	1,499,520	467,840	1,090,560	12,298,880
7. Land in farms..... acres.....	1,050,258	885,769	354,732	543,754	240,328	415,576	3,206,661
8. Improved land in farms..... acres.....	544,513	165,499	86,049	171,051	107,919	53,396	1,243,844
9. Acreage irrigated in 1909.....	31,022	35,831	39,370	5,703	179	6,253	585
10. Per cent of total land area.....	1.5	2.7	2.0	0.4	( <sup>8</sup> )	0.6	( <sup>8</sup> )
11. Per cent of land in farms.....	3.0	9.1	11.1	1.0	( <sup>8</sup> )	0.6	( <sup>8</sup> )
12. Per cent of improved land in farms.....	5.7	21.7	45.8	3.3	0.2	11.7	( <sup>8</sup> )
13. <i>Acreage irrigated in 1899.....</i>	<i>5,168</i>	<i>26,735</i>	<i>14,016</i>	<i>3,342</i>		<i>4,098</i>	<i>1,215</i>
14. Per cent of increase, 1899-1909.....	500.3		180.9			25.1	251.9
15. Acreage enterprises were capable of irrigating in 1910.....	50,213	37,200	42,855	5,989	207	6,983	843
16. Acreage included in projects.....	94,169	45,517	54,692	17,276	562	9,414	101,481
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>							
CLASSIFIED BY CHARACTER OF ENTERPRISE.							
17. U. S. Reclamation Service, irrigated in 1909.....	2,000						
18. Enterprises were capable of irrigating in 1910.....	15,319						
19. Included in projects.....	25,000						
20. U. S. Indian Service, irrigated in 1909.....							
21. Enterprises were capable of irrigating in 1910.....							
22. Included in projects.....							
23. Carey Act enterprises, irrigated in 1909.....							
24. Enterprises were capable of irrigating in 1910.....							
25. Included in projects.....							
26. Irrigation districts, irrigated in 1909.....							
27. Enterprises were capable of irrigating in 1910.....							
28. Included in projects.....							
29. Cooperative enterprises, irrigated in 1909.....	9,058	7,735	27,780				
30. Enterprises were capable of irrigating in 1910.....	10,967	7,735	29,960				
31. Included in projects.....	13,841	8,745	39,879				
32. Commercial enterprises, irrigated in 1909.....	6,750	2,200	3,150				10
33. Enterprises were capable of irrigating in 1910.....	9,150	2,500	3,900				10
34. Included in projects.....	37,341	5,000	7,900	10,000			100,000
35. Individual and partnership enterprises, irrigated in 1909.....	13,214	25,896	8,410	5,703	179	6,253	575
36. Enterprises were capable of irrigating in 1910.....	14,777	27,025	8,905	5,989	207	6,983	833
37. Included in projects.....	17,987	31,772	9,913	7,276	562	9,414	1,481
<b>ACREAGE IRRIGATED</b>							
CLASSIFIED BY SOURCE OF WATER SUPPLY.							
38. Supplied from streams.....	29,496	34,879	39,370	5,538	164	6,177	467
39. By gravity.....	29,213	34,747	39,273	5,453	17	6,032	889
40. By pumping.....	283	132	97	85	147	145	78
41. Supplied from lakes.....	80			80			2
42. By gravity.....							
43. By pumping.....	80			80			2
44. Supplied from wells.....	398	69		48			25
45. Flowing.....							
46. By pumping.....	398	69		48			25
47. Supplied from springs.....	1,048	883		37	15	70	91
48. Supplied from reservoirs.....							
49. Total acreage supplied by pumping.....	761	201	97	213	147	145	105
<b>IRRIGATION ENTERPRISES</b>							
50. Independent enterprises..... number.....	281	225	160	79	8	164	64
51. <i>Number in 1899<sup>4</sup>.....</i>							
52. Per cent of increase, 1899-1910.....							
53. Main ditches..... number.....	278	164	144	83	7	206	36
54. <i>Number in 1899<sup>4</sup>.....</i>							
55. Per cent of increase, 1899-1910.....							
56. Length..... miles.....	350	255	249	12	3	164	34
57. <i>Length in 1899<sup>4</sup>.....</i>							
58. Per cent of increase, 1899-1910.....							
59. Capacity..... cubic feet per second.....	2,297	7,062	1,913	199	20	490	134
60. Laterals..... number.....	293	159	62	106		64	04
61. Length..... miles.....	254	87	56	26		16	2
62. Reservoirs..... number.....	10	1	1	2		1	3
63. Capacity..... acre-feet.....	54,154		12,500	1		1,120	3
64. Flowing wells..... number.....							
65. Capacity..... gallons per minute.....							
66. Pumped wells..... number.....	29	12		5			5
67. Capacity..... gallons per minute.....	7,892	2,045		459			330
68. Pumping plants..... number.....	39	22	2	15	5	6	13
69. Engine capacity..... horsepower.....	259	96	56	169	88	69	549
70. Pump capacity..... gallons per minute.....	10,840	4,136	850	3,856	2,475	4,940	7,551
<b>COST</b>							
71. Cost of enterprises up to July 1, 1910..... dollars.....	2,019,161	136,204	198,064	96,167	6,381	76,305	87,452
72. <i>Cost in 1899.....</i>	<i>37,112</i>	<i>80,925</i>	<i>62,980</i>	<i>46,108</i>		<i>24,335</i>	<i>9,347</i>
73. Per cent of increase, 1899-1910.....	5,340.7	68.3	273.8	108.6		213.6	835.6
74. Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	40.21	3.60	4.62	16.06	30.83	10.93	103.74
75. <i>Average cost per acre irrigated in 1899.....</i>	<i>7.18</i>	<i>3.03</i>	<i>3.78</i>	<i>13.79</i>		<i>4.87</i>	<i>7.69</i>
76. Estimated final cost of existing enterprises..... dollars.....	2,593,387	136,204	211,114	96,167	6,381	76,305	3,012,477
77. Average cost per acre included in projects..... dollars.....	27.54	2.99	3.86	5.57	11.35	8.11	29.09
<b>OPERATION AND MAINTENANCE</b>							
78. Acreage for which cost is reported.....	16,058	9,935	30,960				
79. Total cost reported..... dollars.....	63,661	2,817	4,446				
80. Average per acre for which cost is reported..... dollars.....	3.96	0.28	0.14				
81. <i>Average cost per acre in 1899<sup>4</sup>.....</i>							
82. Per cent of increase, 1899-1909.....							

<sup>1</sup> Not reported by counties.

<sup>8</sup> Not reported.

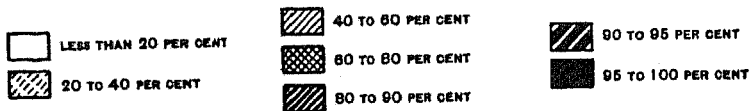
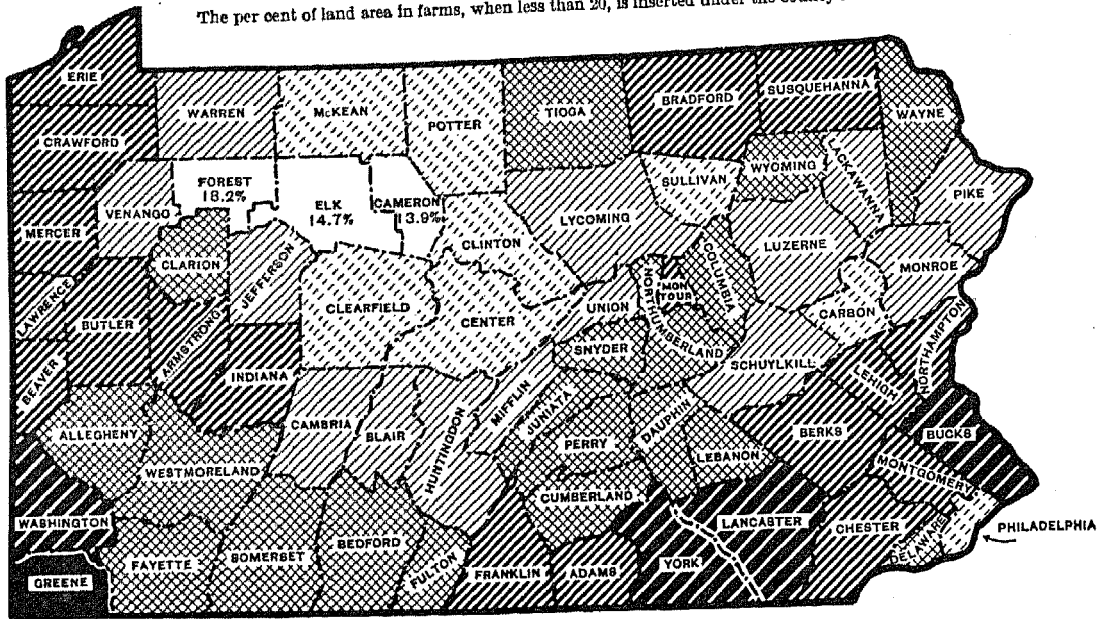


# PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN PENNSYLVANIA, BY COUNTIES: 1910.

## PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 64.8.]

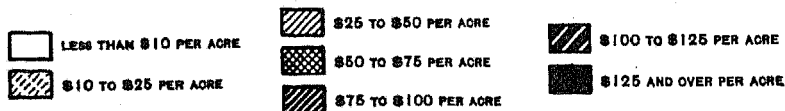
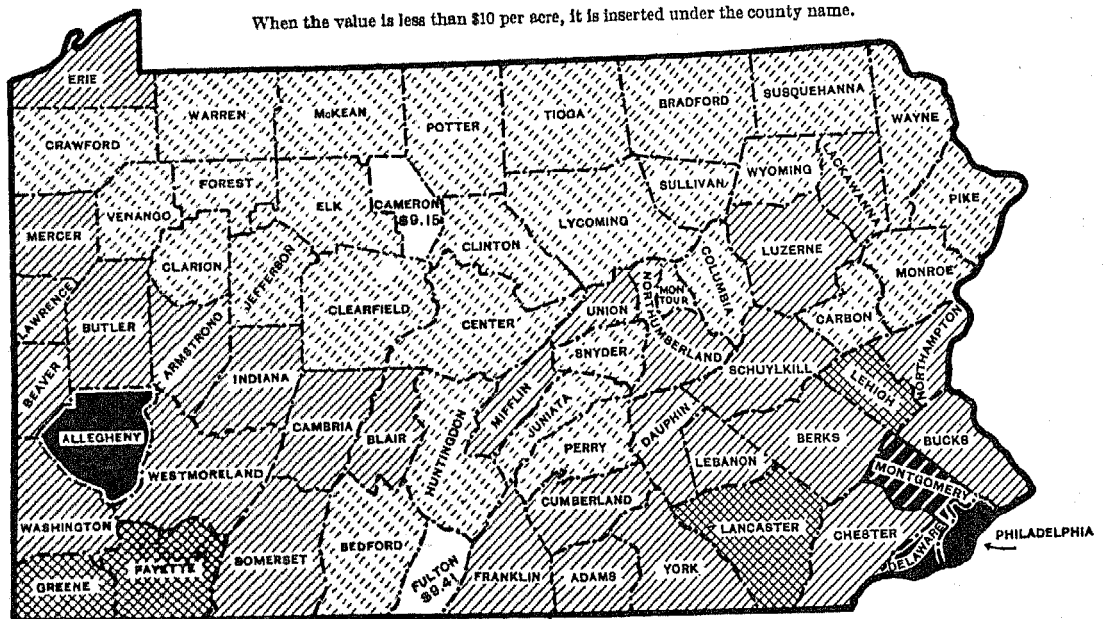
The per cent of land area in farms, when less than 20, is inserted under the county name.



## AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$33.92.]

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



# PENNSYLVANIA.

## FARMS AND FARM PROPERTY.

Pennsylvania ranks second in population and thirty-second in land area among the states and territories of continental United States. In physical features this state presents great diversity. It includes considerable areas of the Piedmont section, and a broad stretch of the great limestone valley region in the southeastern portion of the state; the entire width of the Appalachian Mountain system; a considerable portion of the Appalachian Plateau, both glaciated and unglaciated; and a small area of the glacial lake plains along Lake Erie. In altitude it ranges from sea level, in the southeastern portion, to approximately 3,000 feet in the mountain and plateau region, sinking again to about 600 feet above sea level along the Lake Erie shore. The state includes a portion of the northeastern extension of the Mississippi Basin.

The soils of southeastern Pennsylvania fall within several major groups. Along the extreme southeastern border there is a considerable variety of clays, silt loams, loams, and sandy loams derived through the weathering of the underlying crystalline rocks of that section. Adjacent to these are stony loams and loams similarly derived from the phyllites and slates. Immediately to the north and west of this area is a considerable belt of clays, clay loam, and shale loam produced through the weathering of the red sandstones and shales of the Triassic age. Associated with both the former and the latter soils are the fertile silt loams and loam of the great limestone valleys which extend through the southeastern portion of the state. The Blue Ridge Mountains also cross the border of Pennsylvania in the south central portion of the state, giving rise to other residual soils, stony loams, and loams derived from the crystalline and semicrystalline rocks of that mountain system.

The Appalachian Mountains stretch, in crescent form, from southwest to northeast through the central portion of the state, giving rise to stony loams, silt loams, sandy loams, and some clay soils within the mountains proper, and including considerable areas of fertile limestone soils in the larger valleys formed within the mountain system. The greater portion of the western part of the state is covered by somewhat similar soils derived from the weathering of the conglomerates, sandstones, shales, and thinly bedded limestones of the Appalachian Plateau. Large areas, both in northeastern and northwestern Pennsylvania, consist of soils formed through the glaciation of the Appalachian Mountains and plateau sections, where the soils are chiefly stony and shaly loams and silt loams with less extensive areas of clay.

The narrow glacial lake district along Lake Erie includes important clay, loam, sandy loam, and gravelly loam soils derived from the glaciated uplands and deposited beneath the water of a former extension of Lake Erie. It will thus be seen that the soils of Pennsylvania are extremely diverse in origin, physical characteristics, and present uses. The soils of the southeastern portion of the state are primarily devoted to the production of corn, wheat, and grass, with oats as a secondary crop. The soils of the limestone valleys are primarily corn, wheat, and grass soils, while those of the Triassic basin are slightly less valuable for these crops. The finer-textured soils of the Piedmont section are well suited to the production of general farm crops. Apples and peaches are grown with special advantage upon the more gentle slopes of the eastern ranges of the Appalachian system, while certain varieties of apples are also well suited to the soils of the Piedmont and limestone valley regions. Within the mountainous district only the valleys between the parallel ridges and the more gentle slopes are suited to agriculture. In the plateau region, the level areas upon the top of the plateau and the narrow bottoms of many streams are utilized for agriculture, while practically all of the plateau area in the southwestern counties is under cultivation because of its smoother and more gently rolling surface. In the glaciated plateau and mountain regions two varieties of surface are found, the steep sloping and rough areas not suited for agricultural purposes, and the more gently rolling areas which are usually farmed. The narrow glacial lake area in the extreme northwestern portion of the state is being rapidly developed for the culture of grapes, apples, peaches, and other fruits, together with market garden crops.

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, about two-thirds is in farms and the proportion is quite varied in the several counties, ranging from less than 20 per cent in Cameron, Elk, and Forest Counties to 96.5 per cent in Greene County. The variation in the proportion of land in farms is confined to no particular section of the state, except that in general the counties adjoining the boundaries of the state show a higher percentage of farms than do the counties in the central part of the state.

The average value of farm land per acre for the whole state is \$33.92, and in only 2 counties, Cameron and Fulton, are the average values less than \$10 per acre. In 29 contiguous counties, located mostly in the northern part of the state, the average values

## AGRICULTURE—PENNSYLVANIA.

range from \$10 to \$25 per acre. Twenty-eight counties are in the \$25 to \$50 per acre class; and of these, 16 form a group lying in the eastern and southeastern part of the state, while a group of 11 lies in the western and southwestern part, and 1 county, Erie, in the extreme northwestern corner. In 4 counties, Greene and Fayette in the southwestern corner, and Lancaster and Lehigh in the southeastern portion of the state, the average value is from \$50 to \$75 per acre. The land represented as in farms in Philadelphia, Delaware, and Montgomery Counties in the southeastern part of the state, and in Allegheny County in the

southwestern part, is reported at values averaging \$795.33, \$160.85, \$109.74, and \$146.21 per acre, respectively, due primarily in each case to the proximity of a large city. It will therefore be noted that in general the more valuable agricultural land is located in the southeastern and southwestern sections of the state.

Progress during the decade 1900 to 1910.—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. <sup>1</sup>	
			Amount.	Per cent.
Population.....	7,665,111	6,302,115	1,362,996	21.6
Number of all farms.....	219,295	224,248	-4,953	-2.2
Approximate land area of the state.....acres.....	28,692,480	28,692,480	.....	.....
Land in farms.....acres.....	18,586,832	19,371,015	-784,183	-4.0
Improved land in farms.....acres.....	12,673,519	13,209,183	-535,664	-4.1
Average acres per farm.....	84.8	86.4	-1.6	-1.9
<b>Value of farm property:</b>				
Total.....	\$1,253,274,862	\$1,051,629,173	\$201,645,689	19.2
Land.....	630,430,010	575,392,940	55,037,070	9.6
Buildings.....	410,638,745	322,879,810	87,758,935	27.2
Implements and machinery.....	70,726,055	50,917,240	19,808,815	38.9
Domestic animals, poultry, and bees.....	141,480,052	102,439,183	39,040,869	38.1
Average value of all property per farm.....	\$5,715	\$4,690	\$1,025	21.9
Average value of land per acre.....	\$33.92	\$29.70	\$4.22	14.2

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

Notwithstanding the fact that the population of Pennsylvania increased 21.6 per cent from 1900 to 1910, the number of farms decreased 2.2 per cent, the acreage of farm land 4 per cent, and the acreage of improved land 4.1 per cent, the decrease in farm acreage being greater in proportion than that in the number of farms. The average size of farms decreased 1.6 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 \$201,646,000, or 19.2 per cent. This great increase was principally due to increases of \$87,759,000 in the value of buildings, of over \$55,000,000 in the value of land, and of \$58,850,000 in the value of farm equipment, including implements and machinery and live stock. Of the increase last mentioned, about two-thirds represents that 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 in 1900 of a farm with its equipment was \$4,690, while 10 years later it was \$5,715. The average value of land alone rose from \$29.70 per acre in 1900 to \$33.92 in 1910.

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.	Population.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land improved.
		Number.	Per cent of increase. <sup>1</sup>	All land.		Improved land (acres).		
				Acres.	Per cent of increase. <sup>1</sup>			
1910....	7,665,111	219,295	-2.2	18,586,832	-4.0	12,673,519	64.8	68.2
1900....	6,302,115	224,248	6.0	19,371,015	5.5	13,209,183	67.5	68.2
1890....	5,258,113	211,557	-0.9	18,394,370	-7.2	13,210,597	64.0	71.9
1880....	4,282,891	213,542	22.7	19,791,241	10.0	13,435,007	69.0	67.8
1870....	3,521,951	174,041	11.3	17,994,200	5.8	11,515,955	62.7	64.0
1860....	2,906,215	156,357	22.6	17,012,140	14.0	10,463,295	59.3	61.5
1850....	2,311,786	127,577	.....	14,923,347	.....	8,628,619	52.0	57.8

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

During the 60 years covered by the foregoing table the population of the state increased continuously from 2,311,786 in 1850 to 7,665,111 in 1910, or more than trebled.

Between 1850 and 1880 the number of farms increased continuously, but since the latter year there has been some fluctuation. Although there has been a net increase in the number of farms during the last

30 years, yet the last decade shows a decrease of 4,953, or 2.2 per cent.

The land area of Pennsylvania is approximately 28,692,480 acres. Of this area, 18,586,832 acres, or 64.8 per cent, are included in farms. Of the farm acreage, 12,673,519 acres, or 68.2 per cent, are reported as improved land, representing 44.2 per cent of the total land area of the state. The total acreage of farm land decreased 784,183 acres, or 4 per cent, during the last decade, and the acreage of improved land decreased 535,664 acres, or 4.1 per cent. As the acreage of improved land and the total acreage of farm land showed practically the same relative decreases between 1900 and 1910, the percentage of improved land has remained stationary during the decade.

For the longer period covered by the table a gradual increase is shown between 1850 and 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 52 per cent in 1850 to 69 per cent in 1880, while the percentage of farm land which was improved increased from 57.8 per cent to 67.8 per cent. In the year 1880 the percentage of land area in farms reached its maximum. Since that year the total acreage has fluctuated slightly, and on the whole decreased 1,204,509, or 6.1 per cent, while the improved acreage has decreased very slowly but continuously to the extent of 749,488, or 5.6 per cent. Thus the proportion of improved land has varied but little during the last 30 years.

Values of farm property: 1850 to 1910.—The agricultural changes in Pennsylvania 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. <sup>1</sup>	Value.	Per cent of increase. <sup>1</sup>	Value.	Per cent of increase.	Value.	Per cent of increase. <sup>1</sup>
1910.....	\$1,253,274,862	19.2	\$1,041,068,755	15.9	\$70,726,055	38.9	\$141,480,052	38.1
1900.....	1,051,629,173	-1.1	898,272,750	-2.6	50,917,240	30.4	102,439,133	0.8
1890.....	1,062,939,846	-3.0	922,240,233	-5.5	39,040,859	10.1	101,652,758	20.7
1880.....	1,095,405,324	14.6	975,089,410	16.9	35,473,037	24.4	84,242,877	-8.9
1870 <sup>2</sup> .....	955,829,482	26.7	834,785,265	26.1	28,526,537	27.1	92,517,640	32.8
1860.....	754,106,275	62.5	662,050,707	62.3	22,442,842	52.4	69,672,726	67.9
1850.....	464,099,093		407,876,099		14,722,541		41,500,053	

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

<sup>2</sup> Computed gold values, being 80 per cent of the currency values reported.

The total value of farm property increased steadily from 1850 to 1880, rising from \$464,099,000 to \$1,095,405,000, or more than 135 per cent. During the next 20 years there was a loss of nearly \$44,000,000, but from 1900 to 1910 there was a gain of \$201,646,000, or 19.2 per cent. The value of all property in 1910 was

14.4 per cent greater than in 1880, and about one and three-fourths times greater than in 1850.

In 1850 the value of land and buildings represented almost 88 per cent of the value of all farm property. This proportion changed very little during the next 30 years, being 89.1 per cent in 1880. Since 1880, however, the proportion has shown a constant decrease until at the present census it stands at 83.1 per cent. These proportions reflect the increasing importance of live stock and implements and machinery in the farming operations of the state. Moreover, the relative values of live stock as compared to implements and machinery have undergone a considerable change. For the early decades covered by the preceding table live stock was valued at about three times as much as implements and machinery; during the latter decades, with some fluctuations, the proportion has fallen until in 1910 live stock is valued at but twice as much as implements and machinery.

In absolute value, land and buildings shows important increases for each decade, except the two between 1880 and 1900, for which small decreases are recorded. Implements and machinery shows increases in value throughout, the rate of increase diminishing until 1890, since which time the rate has increased. The rate of increase in the value of live stock, while important and pronounced for the period, has shown considerable fluctuation, there being in fact a decrease during one decade, 1870 to 1880, and during one other, 1890 to 1900, almost no change.

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 Pennsylvania 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. <sup>1</sup>				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	84.8	\$5,715	\$4,747	\$323	\$645	\$56.01
1900.....	86.4	4,690	4,006	227	457	46.37
1890.....	86.8	5,024	4,359	185	480	50.22
1880.....	92.7	5,130	4,569	160	395	49.30
1870 <sup>2</sup> .....	103.4	5,492	4,796	164	532	46.39
1860.....	108.8	4,823	4,234	144	440	38.92
1850.....	116.9	3,638	3,197	115	325	27.33

<sup>1</sup> Averages are based on "all farms" in state.

<sup>2</sup> Computed gold values, being 80 per cent of the currency values reported.

In average size the Pennsylvania farm has decreased continuously throughout the 60 years since 1850. From 1850 to 1870 the average value of farm property increased \$1,854 per farm, while during the following 30 years it decreased \$802. The last 10 years, however, show an increase of \$1,025 per farm. Of the average value reported for 1910, \$4,747 represents the value of land and buildings, \$645 that of live stock, and \$323 that of implements and machinery. The

average value of land and buildings has increased \$9.64 per acre during the last decade, and the slight decrease in the decade immediately preceding marks the only exception to the otherwise continuous increase in average value since 1850.

**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.....	219,295	224,248	211,557	213,542				
<b>Farms operated by owners and managers.....</b>	<b>168,190</b>	<b>165,982</b>	<b>162,219</b>	<b>168,220</b>				
Farms consisting of owned land only.....	154,088	155,205	( <sup>1</sup> )	( <sup>1</sup> )				
Farms consisting of owned and hired land.....	10,141	7,074	( <sup>1</sup> )	( <sup>1</sup> )				
Farms operated by managers.....	3,961	3,703	( <sup>1</sup> )	( <sup>1</sup> )				
<b>Farms operated by tenants.....</b>	<b>51,105</b>	<b>58,266</b>	<b>49,338</b>	<b>45,322</b>				
Share tenants.....	27,951	34,529	31,298	28,273				
Share-cash tenants <sup>2</sup> .....	1,042							
Cash tenants.....	18,940	23,737	18,040	17,049				
Tenure not specified <sup>3</sup> .....	3,172							
<b>Per cent of farms operated by—</b>								
Owners and managers.....	76.7	74.0	76.7	78.8				
Tenants.....	23.3	26.0	23.3	21.2				
Share and share-cash.....	13.2	15.4	14.8	13.2				
Cash and nonspecified.....	10.1	10.6	8.5	8.0				

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

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

<sup>3</sup> Prior to 1910 nonspecified tenants were included with cash tenants.

The number of all farms, and therefore of all farm operators, is 219,295. Of the operators, 164,229 are owners, 3,961 managers, and 51,105 tenants. Of the owners, 154,088 operate exclusively land owned by them, while 10,141 operate land which they rent in addition to that which they own. The 51,105 tenants are further classified according to the character of their tenancy; thus 27,951 are share tenants, 1,042 share-cash tenants, 18,940 cash tenants, and for 3,172 no report relative to character of tenure was secured.

The number of tenants constitutes 23.3 per cent of the total number of farm operators. This percentage is but a little above that of 1880, when 21.2 per cent of all farms were in the hands of tenants, and is exactly the same as that of 1890. The greatest absolute and relative number of tenants reported for any census year was for 1900, when 58,266, or 26 per cent of all farmers, were in this class. During the last 10 years the number has decreased 7,161, or 12.3 per cent. This decrease in the proportion of tenants in Pennsylvania corresponds with a similar movement in each of the North Atlantic states, but is in contrast to an increase, both absolute and relative, for the country as a whole.

The tenants who rent in whole or in part for a share of the products decreased 5,536 during the last decade, while those who rent for cash, including those for whom the form of tenure was unreported, decreased 1,625. In the 20 years prior to 1900 the numbers of

both classes continuously increased. The number of cash tenants has constituted a larger proportion of all tenants in 1900 and 1910 than in 1880 and 1890.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>18,586,832</b>	<b>19,371,015</b>	<b>12,673,519</b>	<b>13,209,183</b>	<b>\$1,041,068,755</b>	<b>\$888,272,760</b>
Owners.....	12,895,522	13,081,723	8,576,201	8,705,340	663,390,956	557,545,770
Managers.....	648,268	539,046	371,954	334,074	61,949,303	40,358,770
Tenants.....	5,043,042	5,750,246	3,725,274	4,169,769	315,728,496	300,368,210

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
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	74.9	72.4	69.4	67.5	67.7	65.9	63.7	62.1
Managers.....	1.8	1.7	3.5	2.8	2.9	2.5	6.0	4.5
Tenants.....	23.3	26.0	27.1	29.7	29.4	31.6	30.3	33.4

It will be seen that, in 1910, 69.4 per cent of all land in farms was in farms operated by their owners (including part owners), 3.5 per cent in farms operated by managers, and 27.1 per cent in farms operated by tenants, the percentage for owners and for managers being higher and that for tenants lower than in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (163.7 acres) was very much greater than that of farms operated by tenants (98.7 acres), which was in turn larger than that of farms operated by owners (84.8 acres). The average size of farms operated by managers increased between 1900 and 1910, while that of farms operated by owners decreased, and that of tenant farms remained the same. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		PER CENT OF FARM LAND IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>84.8</b>	<b>86.4</b>	<b>57.8</b>	<b>58.9</b>	<b>68.2</b>	<b>68.2</b>	<b>\$4,747</b>	<b>\$4,006</b>	<b>\$56.01</b>	<b>\$46.27</b>
Owners.....	78.5	80.6	52.2	53.6	66.5	66.5	4,039	3,436	51.44	42.62
Managers.....	163.7	145.6	93.9	90.2	57.4	62.0	15,640	10,899	95.56	74.87
Tenants.....	98.7	98.7	72.9	71.6	73.9	72.5	6,178	5,155	62.61	52.24

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

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

CLASS.	OWNED FARMS. <sup>1</sup>		OWNED FARM HOMES.		OWNED FARM HOMES. <sup>2</sup>	
	1910		1900		1890	
	Number.	Per cent. <sup>3</sup>	Number.	Per cent. <sup>3</sup>	Number.	Per cent.
<b>Total</b> .....	164,229		164,092		156,928	
Free from mortgage.....	112,156	68.9	107,612	67.7	113,908	72.6
Mortgaged.....	50,699	31.1	51,271	32.3	43,020	27.4
Unknown.....	1,374		5,309			

<sup>1</sup> Includes all farms owned in whole or in part by the operator.

<sup>2</sup> The 2,631 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.

<sup>3</sup> Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 164,229. Of this number, 112,156 were reported as free from mortgage; 50,699 were reported as mortgaged; and for 1,374 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 31.1 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is higher than it was in 1890, and only slightly lower than in 1900. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that the number of mortgaged farms increased between 1890 and 1900, but decreased during the last decade, while the number free from mortgage decreased between 1890 and 1900, but increased during the last decade.

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 50,699 farms reported as mortgaged, 47,411 are wholly owned by the farmers, and for 44,999 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.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE. <sup>1</sup>	
	1910 <sup>2</sup>	1890 <sup>3</sup>	Amount.	Per cent.
Number.....	44,999	43,020		
Value—Land and buildings.....	\$176,168,359	\$181,609,615		
Amount of mortgage debt.....	\$61,539,433	\$73,822,978		
Per cent of debt to value.....	34.9	40.7		
Average value per farm.....	\$3,915	\$4,222	-\$307	-7.3
Average debt per farm.....	\$1,368	\$1,716	-\$348	-20.3
Average equity per farm.....	\$2,547	\$2,506	\$41	1.6

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

<sup>2</sup> Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.

<sup>3</sup> 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 decreased in the last 20 years from \$1,716 to \$1,368, or 20.3 per cent, while the average value of such farms decreased from \$4,222 to \$3,915, or 7.3 per cent. Thus the owner's equity increased only from \$2,506 to \$2,547, or 1.6 per cent. As a result of the greater relative decrease in farm debt than in farm value, the mortgage indebtedness, which was 40.7 per cent of the value of the farm in 1890, has decreased to 34.9 per cent of this value in 1910.

**Farms by size groups: 1910 and 1900.**—Three-tenths of the farms in Pennsylvania are in the "50 to 99 acres" group, while more than one-fourth are in the "100 to 174 acres" group. Thus more than one-half of all the farms in the state range from 50 to 174 acres in size. The smaller farms of less than 50 acres represent slightly more than one-third of the total, and the larger farms of 175 or more acres less than one-tenth. A study of the distribution of farms by size groups discloses the fact that the only increases between 1900 and 1910 occurred in the two groups which include farms of from 3 to 19 acres, the number in the "3 to 9 acres" group increasing 4,711, or 32.7 per cent, and that in the "10 to 19 acres" group increasing 674, or 3.8 per cent. The number of places "under 3 acres" reported as farms is little more than one-third as great as 10 years ago. This decrease may be due to a



different interpretation by the enumerators as to what constitutes a small farm or may represent an actual decrease in that type of farm. The number of farms in the "1,000 acres and over" group has decreased 71, or 29.8 per cent. During the last decade each group has varied little in the percentage which it represents of the total of all farms.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	219,295	224,248	-4,953	-2.2	100.0	100.0
Under 20 acres.....	972	2,737	-1,765	-64.5	0.4	1.2
20 to 49 acres.....	10,130	14,410	-4,280	-32.7	8.7	6.4
50 to 99 acres.....	15,556	17,882	-2,326	-12.9	8.5	8.0
100 to 174 acres.....	30,721	41,575	-10,854	-26.3	18.1	18.5
175 to 499 acres.....	65,487	69,670	-4,183	-5.9	30.0	31.1
500 to 999 acres.....	55,518	57,800	-2,282	-3.9	25.3	25.8
1,000 acres and over.....	14,006	14,151	-145	-1.0	6.4	6.3
	4,816	5,088	-272	-5.3	2.2	2.3
	632	688	-56	-8.1	0.3	0.3
	167	238	-71	-29.8	0.1	0.1

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

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 38,658), and also the farms of between 175 and 499 acres (numbering 18,912):

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.....	18,586,832	19,371,015	12,673,519	13,209,183	\$1,041,068,755	\$898,272,750
Under 20.....	368,440	359,786	1,112,671	295,390	96,008,746	71,477,740
20 to 49.....	1,323,387	1,312,167	1,025,756	1,087,848	124,335,056	106,206,420
50 to 99.....	4,681,433	4,917,987	3,517,937	3,710,319	281,803,465	246,250,100
100 to 174.....	6,064,528	7,308,029	4,201,357	5,205,034	338,333,645	363,227,110
175 to 499.....	4,456,134	4,523,044	2,635,886	2,717,806	178,358,651	152,614,920
500 to 999.....	398,391	423,229	146,512	141,442	14,143,740	12,668,810
1,000 and over.....	366,509	461,773	44,800	51,348	7,905,152	5,791,650

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.....	17.6	13.6	2.0	1.8	2.5	2.2	9.2	8.0
20 to 49 acres.....	18.1	18.5	7.1	7.2	8.1	8.2	11.9	11.8
50 to 99 acres.....	30.0	31.1	25.2	25.4	27.7	28.1	27.1	27.4
100 to 174 acres.....	25.3	25.8	37.6	37.7	39.4	39.4	32.5	33.8
175 to 499 acres.....	8.6	8.6	24.0	23.4	20.8	20.6	17.1	17.0
500 to 999 acres.....	0.3	0.3	2.1	2.2	1.2	1.1	1.4	1.4
1,000 acres and over.....	0.1	0.1	2.0	2.4	0.3	0.4	0.8	0.6

Of the total farm acreage of the state in 1910, 37.6 per cent was in farms of 100 to 174 acres, and 25.2 per cent and 24 per cent in farms of 50 to 99 acres and 175 to 499 acres, respectively, these three being from

the standpoint of aggregate acreage the most important size groups. There were no marked changes between 1900 and 1910 in the per cent distribution of farm acreage by size groups.

As shown by the table below, 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.....	68.2	68.2	\$4,747	\$4,006	\$56.01	\$46.37
Under 20 acres.....	55.3	86.9	2,485	2,040	262.17	210.36
20 to 49 acres.....	77.5	78.1	3,132	2,555	94.00	76.29
50 to 99 acres.....	75.1	75.5	4,291	3,535	60.21	50.08
100 to 174 acres.....	71.4	71.2	6,094	5,246	48.37	41.49
175 to 499 acres.....	59.2	60.0	9,431	7,933	40.03	33.70
500 to 999 acres.....	31.8	33.4	22,379	18,414	35.50	29.93
1,000 acres and over.....	12.1	11.1	47,336	24,335	21.57	12.54

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

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Owners.	Tenants.	Managers.
Total.....	219,295	100.0	164,229	51,106	3,961	74.9	23.3	1.6
Native white.....	204,917	93.4	152,743	48,504	3,070	74.5	23.7	1.8
Foreign-born white.....	13,832	6.3	11,145	2,427	200	80.6	17.5	1.9
Negro and other nonwhite.....	546	0.2	341	174	31	62.5	31.9	5.7

Of the Pennsylvania farm operators, 93.4 per cent were native whites and 6.3 per cent foreign-born whites. Only 546, or two-tenths of 1 per cent, were nonwhites; 543 being negroes, and 3 Indians. Of the native white farmers 23.7 per cent were tenants, as compared with 17.5 per cent of the foreign-born whites.

Of the 13,832 foreign-born white farmers in Pennsylvania in 1910, 5,048 were born in Germany; 1,754 in Ireland; 1,400 in England; 1,369 in Sweden; 1,068 in Austria; 411 in Italy; 402 in Russia; 380 in Scotland; 335 in Switzerland; 319 in Hungary; 318 in Canada; 248 in France; and 230 in Wales. Other European countries were represented by 519 farmers, and non-European countries, other than Canada, by 31.



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

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	207,384	94.6		\$133,327,286	
<b>Cattle</b> .....	192,948	88.0	1,586,519	47,229,894	\$29.77
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	191,174	87.2	933,640	36,106,349	38.67
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	41,984	19.1	90,220	2,284,686	23.03
Heifers born in 1909.....	70,766	35.0	167,093	2,548,604	15.20
Calves born after Jan. 1, 1910.....	93,850	42.8	235,656	1,673,291	7.10
Steers and bulls born in 1909.....	41,479	18.9	76,816	1,318,222	17.16
Steers and bulls born before Jan. 1, 1909.....	28,281	12.9	73,494	3,298,742	44.88
<b>Horses</b> .....	184,363	84.1	549,756	68,055,489	123.79
Mares, stallions, and geldings born before Jan. 1, 1909.....	183,819	83.8	511,812	65,623,086	128.22
Colts born in 1909.....	24,288	11.1	30,981	2,182,754	70.45
Colts born after Jan. 1, 1910.....	6,111	2.8	6,963	249,649	35.85
<b>Mules</b> .....	17,896	8.2	44,323	6,424,039	144.94
Mules born before Jan. 1, 1909.....	17,515	8.0	42,923	6,399,197	146.99
Mule colts born in 1909.....	645	0.3	1,277	109,652	85.87
Mule colts born after Jan. 1, 1910.....	115	0.1	123	5,190	42.20
<b>Asses and burros</b> .....	210	0.1	348	43,438	124.82
<b>Swine</b> .....	142,655	65.1	977,837	7,624,494	7.80
Hogs and pigs born before Jan. 1, 1910.....	129,962	59.3	625,517	6,396,310	10.23
Pigs born after Jan. 1, 1910.....	52,322	23.9	352,120	1,228,184	3.49
<b>Sheep</b> .....	25,436	11.6	883,074	3,934,144	4.46
Ewes born before Jan. 1, 1910.....	24,632	11.3	473,354	2,553,803	5.40
Rams and wethers born before Jan. 1, 1910.....	10,229	4.7	164,187	814,771	4.96
Lambs born after Jan. 1, 1910.....	19,825	9.0	245,533	565,570	2.30
<b>Goats</b> .....	945	0.4	3,539	15,788	4.46

Of the total number of farms enumerated, 207,384, or 94.6 per cent, report domestic animals of some

kind, the number without any domestic animals being 11,911.

Of all the farms in the state, 88 per cent report cattle, 87.2 per cent reporting "dairy cows" and only 19.1 per cent "other cows." The total number of cows increased somewhat during the decade, and the average value of dairy cows increased from \$30.88 to \$38.67, while that of other cows decreased from \$25.02 to \$23.03. The average number of dairy cows per farm reporting is nearly 5. 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 slightly lower average value in 1910 than in 1900, the number decreasing from 421,323 to 235,656 and the average value from \$7.20 to \$7.10.

Horses are reported by 84.1 per cent of all the farmers in the state, but only 11.1 per cent report colts born in 1909, and 2.8 per cent report spring colts. The average value of mature horses, \$128.22, is over one and three-fourths that reported in 1900. About one farmer in every twelve reports mules. The average values of mules are somewhat higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 25,436 farms, or 11.6 per cent of all the farms in the state, whereas in 1900, 19.6 per cent of all farms reported sheep. Of the farms reporting sheep and lambs, 77.9 per cent report spring lambs, the number of the latter being 51.9 per cent of the number of ewes. This comparatively small proportion is doubtless due to the early date of enumeration. Ewes are reported on all but 754 of the farms reporting sheep, and for the farms reporting the average is over 19 per farm. Those reporting rams and wethers show an average of about 16 per farm. The average flock in the state, excluding spring lambs, is 25 sheep, while in 1900 it was 22.

Of all farms, 65.1 per cent report swine and show an average of nearly 7 per farm reporting. On account of the early date of enumeration, only 23.9 per cent report spring pigs. The average value of swine classed as "hogs and pigs born before January 1, 1910," is \$10.23.

Poultry on farms: 1910 and 1900.—The increase in the number of fowls on Pennsylvania farms during the last decade amounts to 15.2 per cent, while the value increased from \$4,483,000 to \$7,674,000, or 71.2 per cent. The number of farms reporting poultry decreased 2.2 per cent; thus the average number of fowls per farm reporting increased from 53 to 62. The increase in the number of chickens, which are by far the most important class of fowls in the state, was sufficient to offset a decrease in the number of turkeys, ducks, and geese. The value of poultry and number of farms

reporting were obtained in 1900 for the total of all fowls only, and not for each kind, as in 1910.

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.	Percent of all farms.			
<b>Total</b> .....	<b>204,158</b>	<b>93.6</b>	<b>12,728,341</b>	<b>\$7,674,387</b>	<b>11,044,981</b>
Chickens.....	205,926	93.5	11,595,903	7,020,303	10,553,108
Turkeys.....	40,126	18.8	136,942	312,571	259,824
Ducks.....	23,502	10.7	163,777	114,282	171,271
Geese.....	13,400	6.1	46,318	66,500	60,780
Guinea fowls.....	24,025	11.0	111,715	48,208	(1)
Pigeons.....	16,161	7.4	373,304	111,365	(2)
All other <sup>3</sup> .....	70	(4)	382	1,149	(2)

<sup>1</sup> Included with chickens.

<sup>2</sup> Not reported.

<sup>3</sup> 62 farms report 158 peafowls, valued at \$504; 6 farms report 221 pheasants, valued at \$630; and 2 farms report 3 wild geese, valued at \$15.

<sup>4</sup> Less than one-tenth of 1 per cent.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees has decreased from 28,962 in 1900 to 22,297 in 1910, or 23 per cent. The number of colonies of bees decreased from 161,670 to 124,815, or 22.8 per cent, and their value decreased from \$531,578 to \$478,179, or 10 per cent. The average value of bees per farm reporting was \$18.35 in 1900 and \$21.45 in 1910. About ten farms in every one hundred report bees.

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

#### 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 191,174, but only 177,662 reported dairy products in 1909. That there should be this difference is

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
<b>Total</b> .....	<b>153,354</b>		<b>\$40,658,017</b>	
All cattle.....	57,451	91,699	3,220,529	\$35.12
Dairy cows.....	66,055	71,879	2,966,376	41.27
Horses.....	95,300	227,350	33,576,752	147.69
Mules.....	3,198	20,118	2,923,933	145.34
Asses and burros.....	120	188	11,812	62.83
Swine.....	34,187	101,241	873,068	8.62
Sheep.....	250	4,577	26,467	5.78
Goats.....	2,516	4,298	25,456	5.92

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 value, followed closely by mules, while swine rank second in number.

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

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
<b>Total</b> .....		<b>\$173,985,303</b>		<b>\$133,327,238</b>		<b>\$40,658,017</b>
All cattle.....	1,678,218	50,450,423	1,585,519	47,229,894	91,699	3,220,529
Dairy cows.....	1,005,519	39,072,725	933,640	36,106,349	71,879	2,966,376
Horses.....	777,100	101,632,241	649,756	68,055,489	227,350	33,576,752
Mules.....	64,441	9,347,972	44,323	6,424,039	20,118	2,923,933
Asses and burros.....	536	55,250	348	43,438	188	11,812
Swine.....	1,078,878	8,497,562	977,637	7,624,494	101,241	873,068
Sheep.....	887,651	3,960,611	883,074	3,934,144	4,577	26,467
Goats.....	7,837	41,244	3,539	15,788	4,298	25,456

The total value of all domestic animals in the state in 1910 was \$173,985,000, of which the value of animals not on farms constituted 23.4 per cent.

The number of horses not on farms was nearly one-half as great as the number on farms, but in the case of other classes of animals the proportion was much lower.

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 156,000 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 762,000. The amount of milk reported was 336,209,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 441 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.

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.....	191,174	87.2	933,640	Head..	.....	.....
On farms reporting dairy products in 1909.....	177,662	81.0	891,186	Head..	.....	.....
On farms reporting milk produced in 1909.....	155,765	71.0	762,495	Head..	.....	.....
Specified dairy products, 1909:						
Milk reported.....			336,208,572	Gals.....	.....	.....
Butter made.....	137,104	62.5	61,158,115	Lbs.....	\$15,668,223	\$0.26
Cheese made.....	1,533	0.7	1,442,676	Lbs.....	152,000	0.11
Milk sold.....	50,204	22.9	109,420,361	Gals.....	24,113,790	0.14
Cream sold.....	2,687	1.2	1,160,037	Gals.....	733,078	0.63
Butter fat sold.....	7,075	3.2	7,524,454	Lbs.....	2,141,711	0.28
Butter sold.....	112,420	51.3	43,195,105	Lbs.....	11,228,914	0.26
Cheese sold.....	1,355	0.6	1,375,919	Lbs.....	146,389	0.11
Total receipts from sales, 1909.....					38,363,882	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					42,808,802	.....
Specified dairy products, 1899:						
Butter made.....	159,857	71.3	74,221,085	Lbs.....	.....	.....
Cheese made.....	1,119	0.5	857,167	Lbs.....	.....	.....
Butter sold.....			51,309,833	Lbs.....	9,466,575	0.18
Cheese sold.....			812,528	Lbs.....	62,640	0.08

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 \$42,809,000, 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 reported as produced in Pennsylvania 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 \$15,668,000.

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 considerable increase 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:<sup>1</sup>

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	25,202	637,541	.....	.....	.....
Wool produced, as reported, 1909.....	21,477	.....	610,798	3,869,977	\$1,201,687
On farms reporting sheep April 15, 1910.....	19,595	558,044	577,520	3,667,722	1,143,089
On other farms.....	1,882	.....	33,269	202,255	58,496
Total production of wool (partly estimated):					
1909.....			659,802	4,190,213	1,305,920
1899.....			1,002,259	6,732,226	1,881,689
Decrease, 1899 to 1909.....			342,457	2,542,013	75,760
Per cent of decrease.....			34.2	37.8	5.5

The total number of sheep of shearing age in Pennsylvania on April 15, 1910, was 638,000, representing a decrease of 33.6 per cent as compared with the number on June 1, 1900 (959,000). The approximate production of wool during 1909 was 660,000 fleeces, weighing 4,190,000 pounds, and valued at \$1,306,000. Of these totals about 7 per cent represents estimates. The number of fleeces produced in 1909 was 34.2 per cent less than in 1899. The average weight per fleece in 1909 was 6.4 pounds, as compared with 6.7 pounds in 1899, and the average value per pound was 31 cents, as compared with 21 cents in 1899.

Goat hair and mohair: 1909 and 1899.—Although 945 farmers reported 3,539 goats and kids on their farms April 15, 1910, only 126 reported the production of goat hair or mohair during 1909. These farmers reported 1,017 fleeces, weighing 3,198 pounds and valued at \$1,036. Although the production is still unimportant, some increase is shown over that in 1899. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

Poultry products: 1909 and 1899.—The total number of fowls on Pennsylvania farms on April 15, 1910, was 12,728,000. Of the 205,158 farms reporting fowls, 15,872 did not report any eggs produced in 1909 and 18,279 did not report any poultry raised in 1909. The

<sup>1</sup> Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 5,607 farmers who reported the possession of 79,497 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.

production of eggs actually reported for the year 1909 was 70,903,000 dozens, valued at \$15,658,000. According to the Twelfth Census reports, the production of eggs in 1899 was 67,038,000 dozens, the value being \$9,081,000. 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 74,730,000 dozens, valued at \$16,503,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 17,485,000 fowls, valued at \$9,278,000.

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.....	205,158	12,728,341		
On farms reporting eggs produced in 1909.....	189,286	12,119,149		
On other farms.....	15,872	609,192		
Eggs produced, as reported, 1909.....	191,047		70,902,850	\$15,657,718
Total production of eggs (partly estimated):			74,729,705	16,502,815
1909.....			67,038,180	9,080,725
Increase, 1899 to 1909.....			7,691,525	7,422,090
Per cent of increase.....			11.5	81.7
Eggs sold, as reported, 1909.....	172,093		52,446,077	11,560,908
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	166,879	12,035,818		
On other farms.....	18,279	692,523		
Poultry raised, as reported, 1909.....	189,077		No. of fowls.	8,773,095
Total poultry raised (partly estimated):			16,533,631	
1909.....			17,484,951	9,277,886
1899.....			7,151,243	7,151,243
Increase, 1899 to 1909.....			2,126,643	2,126,643
Per cent of increase.....			29.7	29.7
Fowls sold, as reported, 1909.....	147,018		8,046,401	4,631,848

**Honey and wax: 1909.**—Although, as noted elsewhere, 22,297 farms reported 124,815 colonies of bees on hand April 15, 1910, 8,457 of these farms, with 23,456 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 1,840,360 pounds of honey, valued at \$256,428, and 21,823 pounds of wax, valued at \$6,376; the true totals are doubtless somewhat above these figures.

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

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

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$29,592,251	
Slaughtered.....				15,712,856	
Calves:					
Sold.....	105,371	48.1	469,693	3,607,022	\$7.68
Slaughtered.....	14,398	6.0	63,936	547,121	7.94
Other cattle:					
Sold.....	80,961	36.9	368,687	12,557,677	34.06
Slaughtered.....	44,877	20.5	88,505	2,428,784	27.44
Horses:					
Sold.....	29,297	13.4	59,232	7,351,479	124.11
Mules:					
Sold.....	2,022	0.9	5,893	847,945	143.89
Asses and burros:					
Sold.....	34	( <sup>1</sup> )	120	5,408	45.07
Swine:					
Sold.....	58,438	26.6	579,136	3,851,459	6.65
Slaughtered.....	146,868	67.0	675,939	12,591,031	18.03
Sheep:					
Sold.....	14,413	6.6	320,541	1,367,504	4.27
Slaughtered.....	3,007	1.4	28,218	145,397	5.15
Goats:					
Sold.....	141	0.1	798	3,157	3.96
Slaughtered.....	41	( <sup>1</sup> )	144	523	3.63
1899—All domestic animals:					
Sold.....				15,494,178	
Slaughtered.....				11,627,980	

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

<sup>2</sup> Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$29,592,000 and that of animals slaughtered on farms \$15,713,000, making an aggregate of \$45,305,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented somewhat over one-half of the total value of animals sold.

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 \$15,494,000 and \$11,628,000. 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.

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

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. <sup>1</sup>		1909	1899	1909	1899	Increase. <sup>1</sup>		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$166,739,898	\$126,994,141	\$39,745,757	31.3	100.0	100.0
<b>Crops with acreage reports.....</b>													
Cereals.....	7,826,562	8,365,475	-538,913	-6.4	61.8	63.3	147,955,288	111,233,656	36,721,632	33.0	88.7	87.6	
Other grains and seeds.....	4,324,058	4,738,195	-414,137	-8.7	34.1	35.9	70,348,726	50,809,541	19,539,185	38.5	42.2	40.0	
Hay and forage.....	1,428	2,741	-1,313	-47.9	( <sup>2</sup> )	( <sup>2</sup> )	33,115	47,177	-14,062	-29.8	( <sup>2</sup> )	( <sup>2</sup> )	
Tobacco.....	3,088,105	3,269,441	-181,336	-5.5	24.4	24.8	45,623,573	37,514,779	8,108,794	21.6	27.4	29.5	
Sugar crops.....	41,742	27,760	13,982	50.4	0.3	0.2	3,926,116	2,959,304	966,812	32.7	2.4	2.3	
Sundry minor crops.....	147	105	42	40.0	( <sup>2</sup> )	( <sup>2</sup> )	8,907	3,161	5,746	181.8	( <sup>2</sup> )	( <sup>2</sup> )	
Potatoes and sweet potatoes and yams.....	114	252	-138	-54.8	( <sup>2</sup> )	( <sup>2</sup> )	21,651	10,856	10,795	99.4	( <sup>2</sup> )	( <sup>2</sup> )	
Other vegetables.....	263,319	231,310	32,009	13.8	2.1	1.8	12,078,277	9,528,044	2,550,233	26.8	7.2	7.5	
Flowers and plants and nursery products.....	94,111	79,126	14,985	18.9	0.7	0.6	10,013,920	6,304,860	3,709,060	58.8	6.0	5.0	
Small fruits.....	4,880	4,274	586	13.7	( <sup>2</sup> )	( <sup>2</sup> )	4,725,987	2,787,107	1,938,880	69.6	2.8	2.2	
	8,678	12,271	-3,593	-29.3	0.1	0.1	1,175,016	1,268,827	-93,811	-7.4	0.7	1.0	
<b>Crops with no acreage reports.....</b>													
Seeds.....							18,784,610	15,760,485	3,024,125	19.2	11.3	12.4	
Fruits and nuts.....							152,424	285,729	-133,305	-46.8	0.1	0.2	
Maple sugar and sirup.....							9,619,156	8,707,131	912,025	10.5	5.8	0.9	
Forest products of farms.....							471,213	239,773	231,440	96.5	0.3	0.2	
Miscellaneous.....							7,986,599	6,481,181	1,505,418	23.2	4.8	5.1	
							555,218	45,671	509,547	1,115.7	0.3	( <sup>2</sup> )	

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

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

<sup>3</sup> Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$166,740,000. Of this amount, 88.7 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 7,826,562, representing 61.8 per cent of the total improved land in farms (12,673,519 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 Pennsylvania agriculture is indicated by the fact that 42.2 per cent of the total value of crops in 1909 was contributed by cereals, 27.4 per cent by hay and forage, and 13.2 per cent by potatoes and other vegetables. The remainder, representing in value about 17 per cent of the total, consisted mostly of fruits and nuts and of forest products.

The total value of crops in 1909 was 31.3 per cent greater than that in 1899. This increase was clearly due to higher prices. There was a decrease of 6.4 per cent in the total acreage of crops for which acreage was reported, this being largely due to decreases in the acreage of cereals and of hay and forage; the acreage of potatoes and other vegetables increased during the decade.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The leading crops of the state, in the order of their importance as judged by value, are hay and forage, \$45,624,000; corn, \$27,331,000; wheat, \$22,921,000; oats, \$14,422,000; potatoes, \$11,974,000; tobacco, \$3,926,000; buckwheat, \$2,896,000; and rye, \$2,674,000. It should be noted, however, that several crops, statistics for which are shown elsewhere, are more important than tobacco, buckwheat, or rye.

In total acreage and value the cereals exceed hay and forage, having slightly less than one and one-half times the acreage of the entire hay and forage crop, and showing more than one and one-half times its value.

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total.....</b>		<b>4,324,058</b>	<b>99,675,358</b>	Bu....	<b>\$70,348,726</b>
Corn.....	170,630	1,380,671	41,494,237	Bu....	27,330,860
Oats.....	148,158	1,144,248	28,172,686	Bu....	14,421,972
Wheat, total.....	115,751	1,225,558	21,564,479	Bu....	22,920,638
Common winter.....	115,469	1,224,344	21,546,134	Bu....	22,902,469
Common spring.....	339	1,200	18,175	Bu....	17,960
Durum or macaroni.....	4	14	170	Bu....	209
Emmer and spelt.....	181	385	8,635	Bu....	6,066
Barley.....	2,271	7,625	136,239	Bu....	96,282
Buckwheat.....	60,651	232,728	4,797,350	Bu....	2,895,958
Rye.....	52,648	272,560	3,496,603	Bu....	2,673,514
Kafir corn and milo maize.....	76	283	5,129	Bu....	3,436
<b>Other grains and seeds with acreage report, total<sup>1</sup>.....</b>		<b>1,428</b>	<b>13,722</b>	Bu....	<b>33,115</b>
Dry edible beans.....	8,326	1,269	12,021	Bu....	28,136
Flaxseed.....	103	72	704	Bu....	1,471
Dry peas.....	128	87	989	Bu....	2,100
Tobacco seed.....	1	( <sup>2</sup> )	4	Bu....	1,400
<b>Seeds with no acreage report, total<sup>3</sup>.....</b>					<b>152,424</b>
Timothy seed.....	1,771	( <sup>4</sup> )	11,781	Bu....	26,182
Clover seed.....	1,823	( <sup>4</sup> )	11,121	Bu....	88,292
Millet seed.....	29	( <sup>4</sup> )	1,503	Bu....	1,495
Flower and garden seeds.....	69	( <sup>4</sup> )			36,316
<b>Hay and forage, total.....</b>	<b>181,693</b>	<b>3,088,105</b>	<b>3,677,307</b>	Tons.	<b>45,623,573</b>
Timothy alone.....	85,223	1,110,946	1,200,073	Tons.	16,745,141
Timothy and clover mixed.....	127,058	1,099,492	1,830,852	Tons.	24,458,714
Clover alone.....	8,425	64,372	74,096	Tons.	971,625
Alfalfa.....	1,625	4,935	9,154	Tons.	143,654
Millet or Hungarian grass.....	2,635	7,641	10,575	Tons.	123,045
Other tame or cultivated grasses.....	13,962	97,977	91,290	Tons.	1,055,344
Wild, salt, or prairie grasses.....	2,019	12,569	11,085	Tons.	110,312
Grains cut green.....	2,671	8,263	25,474	Tons.	168,666
Coarse forage.....	14,777	81,711	422,925	Tons.	1,832,256
Root forage.....	266	199	1,683	Tons.	14,736
Potatoes.....	193,749	262,013	21,740,611	Bu....	11,073,843
Sweet potatoes and yams.....	10,859	1,806	128,770	Bu....	104,434
Tobacco.....	11,636	41,742	46,164,800	Lbs..	3,926,116
Sundry minor crops, total <sup>5</sup> .....			114		21,651
Broom corn.....	727	108	45,582	Lbs..	5,253
Ginseng.....	32	( <sup>6</sup> )			15,291

<sup>1</sup> Includes small amount of peanuts.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Includes small amount of other tame grass seeds.

<sup>4</sup> The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage, flowers and plants, etc.

<sup>5</sup> Includes small amounts of hemp, hops, and willows.

<sup>6</sup> Reported in small fractions.

Among the cereals, corn ranks first, representing about one-third of the total acreage and two-fifths of the total value of all cereals. Wheat ranks second in acreage and value, being in acreage slightly below corn, and in value about five-sixths as great. Oats stand a little below wheat in acreage and are reported at about three-fifths as great a value. Buckwheat and rye rank fourth and fifth, respectively, in both acreage and value.

Of hay and forage the combined crops of "timothy alone" and "timothy and clover mixed" constitute in both acreage and value about nine-tenths of the entire crop. The remaining tenth is made up principally of "other tame or cultivated grasses," "clover alone," and "coarse forage."

Of the sundry crops potatoes and tobacco are the most important. Although potatoes had in 1909 an acreage only slightly less than rye, the value of the crop was more than four times as great; while tobacco, with an acreage little more than one-seventh that of rye, shows a value almost one and one-half times as great.

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.	Buckwheat.	Rye.	Hay and forage.
1909.....	1,380,671	1,144,248	1,225,568	292,728	272,560	3,088,105
1899.....	1,480,833	1,173,847	1,514,043	249,840	310,048	3,269,441
1889.....	1,252,369	1,310,197	1,318,472	210,488	336,041	3,323,689
1879.....	1,373,270	1,237,593	1,445,394	246,199	398,465	2,714,909

During each decade since 1879 the fluctuations in the acreage of corn and wheat have been strikingly similar. Each shows a marked decrease for the first decade, a notable increase for the second, and a material decrease for the third. Oats, although decreasing steadily during the past 20 years, nevertheless show only a slightly smaller acreage than that of 1879. For the 30-year period buckwheat presents a slight increase in acreage, while rye shows a rapid decrease. The trend in hay and forage is marked by its similarity to that for oats. Both show an increase for the first decade, with decreases for each succeeding one. The acreage of hay and forage and of buckwheat was slightly greater in 1909 than in 1879, that of corn practically the same, but that of the other crops is less.

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.

Potatoes were reported by 88 out of every 100 farms in 1909, hay and forage by 87, corn by 78, oats by 68, wheat by 53, buckwheat by 28, rye by 24, and

tobacco by 5. Buckwheat and tobacco show larger percentages of farms reporting than in 1899, while for potatoes, hay and forage, corn, oats, wheat, and rye the percentages are smaller than 10 years ago. These 8 crops now occupy about 61 per cent of the improved land of the state, hay and forage alone representing 24.4 per cent. Corn, wheat, rye, and hay and forage show decreases from 1899 to 1909 in the per cent of improved land occupied. During the past decade there was a decrease of 414,137 acres, or 8.7 per cent, in the acreage of all cereals, and of 181,336 acres, or 5.5 per cent, in that of all hay and forage. Potatoes increased in acreage 34,146 acres, or 15 per cent, and tobacco 13,982 acres, or 50.4 per cent.

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres, 1899 to 1909. <sup>1</sup>	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
	Corn.....	77.8	84.4	10.9	11.2	-6.8	30.1 Bu.
Oats.....	67.6	70.1	9.0	8.9	-2.5	24.6 Bu.	12.60
Wheat.....	52.8	63.4	9.7	11.5	-19.1	17.6 Bu.	18.70
Buckwheat.....	27.7	26.5	2.3	1.9	17.2	16.4 Bu.	9.89
Rye.....	24.0	28.6	2.2	2.3	-12.1	12.8 Bu.	9.81
Hay and forage..	87.4	92.6	24.4	24.8	-5.5	1.19 Tons.	14.77
Potatoes.....	88.3	88.7	2.1	1.7	15.0	83.0 Bu.	45.70
Tobacco.....	5.3	4.3	0.3	0.2	50.4	1,106.0 Lbs.	94.06

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

In average value per acre corn exceeds the other cereals, and wheat is a close second, while buckwheat and rye are less than one-half, and oats approximately two-thirds as great as corn in that respect. The average value per acre of hay and forage is about three-fourths that of corn, and less than one-third that of potatoes. Tobacco shows the highest average value per acre, being more than five times as great as wheat and over twice that of potatoes. The average value per acre of all cereals combined is \$16.27, which is slightly above the average of hay and forage, and less than that for either corn or wheat.

The leading counties in the acreage of hay and forage in the order of their importance are Bradford, Crawford, Lancaster, Susquehanna, and Tioga. Bradford, Susquehanna, and Tioga, together with Wayne County, forming a row of counties along the northern boundary, report nearly one-seventh of the total acreage for the state.

The decrease in the acreage of corn is confined to no particular section; there are, however, three groups of counties in which increases are shown—first, 10 mountainous counties in the east central part of the state; second, Somerset and Bedford Counties; and third, Armstrong, Butler, and Clarion Counties. The acreage of wheat shows heavy decreases throughout the counties of the state with the exception of a group of five counties in the southeastern section, which show slight increases. The seven counties of Franklin, Cumberland, Adams, York, Lancaster, Berks, and



Chester report more than one-third of the wheat acreage of the entire state. Decreases in the acreage of oats are shown in the northeastern, southeastern, and western portions of the state, the group in the southeastern section reporting, as a whole, the largest decreases. The increase in the acreage of buckwheat is due to its increased cultivation throughout the western three-fourths of the state, this increase being sufficient to offset the general decrease throughout the eastern quarter. The three counties of Bradford, Indiana, and Tioga report more than one-fifth of the total acreage of this crop. There are three general groups of counties which show an increase in the acreage of rye. The smallest of these groups comprises Franklin and Adams Counties on the extreme southern line; the second in importance is a group in the central part of the state consisting of Center, Union, and Mifflin Counties; the third and largest is made up of eight western and southwestern boundary counties. The remainder of the state, aside from a few scattered counties, shows marked decreases, especially in the northern and west central portions.

More than one-fifth of the potato acreage is reported from the five counties of Lehigh, Berks, Chester, Lancaster, and York. Lancaster County alone harvests nearly 80 per cent of the tobacco crop.

**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.....	186,119	84.9	94,111	79,126	\$10,013,920	\$6,304,860
Farms reporting a product of \$500 or over.....	2,027	0.9	17,847	.....	2,710,270	.....
All other farms.....	184,092	83.9	76,264	.....	7,303,650	.....
Flowers and plants, total.....	1,331	0.6	2,032	1,073	3,803,418	2,246,075
Farms reporting a product of \$250 or over.....	814	0.4	.....	.....	3,790,644	.....
All other farms.....	517	0.2	.....	.....	42,774	.....
Nursery products, total.....	175	0.1	2,828	3,201	922,569	541,032
Farms reporting a product of \$250 or over.....	79	( <sup>2</sup> )	.....	.....	915,784	.....
All other farms.....	96	( <sup>2</sup> )	.....	.....	6,785	.....

<sup>1</sup> Does not include 11,311 farms which reported that they had vegetable gardens, but gave no information as to their products.  
<sup>2</sup> Less than one-tenth of 1 per cent.

In 1909 the total acreage of potatoes and other vegetables was 357,430 acres and their value \$22,092,197. Excluding (so far as reported separately<sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 94,111 and their value \$10,014,000, both

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

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, 2,027 farms in the first class, representing about one-fifth of the total acreage of vegetables and more than one-fourth of the total value, the average acreage of vegetables per farm for these farms being 8.8 and the average value of product per acre \$151.86.

The raising of flowers and plants and of nursery products is also relatively important in Pennsylvania, 4,860 acres being devoted to them in 1909, and the output being valued at \$4,725,987. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

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

CROP.	Number of farms reporting, 1909	ACRES.		Quantity (quarts), 1909	Value, 1909
		1909	1899		
<b>Small fruits, total.....</b>		<b>8,678</b>	<b>12,271</b>	<b>13,620,047</b>	<b>\$1,175,016</b>
Strawberries.....	13,515	4,136	5,667	9,033,904	759,154
Blackberries and dewberries.....	4,892	1,235	1,383	1,063,257	91,007
Raspberries and loganberries.....	8,990	2,594	3,938	2,906,302	272,337
Currants.....	5,375	558	716	493,871	42,181
Gooseberries.....	1,999	139	267	109,104	9,047
Cranberries.....	55	4	.....	5,728	503
Other berries.....	13	12	300	7,881	787

Strawberries are by far the most important of the small fruits grown in Pennsylvania, with raspberries and loganberries ranking next. The total acreage of small fruits in 1909 was 8,678 and in 1899, 12,271, a decrease of 29.3 per cent. The production in 1909 was 13,620,000 quarts, as compared with 19,261,000 quarts in 1899, and the value \$1,175,000, as compared with \$1,269,000.

**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 13,286,000 bushels, valued at \$8,678,000. Apples contributed about five-sixths of this quantity; peaches and nectarines and cherries most of the remainder. The production of grapes in 1909 amounted to 34,020,000 pounds, valued at \$851,000, and that of nuts to 3,796,000 pounds, valued at \$90,000.



The production of all orchard fruits together in 1909 was 47.4 per cent less than in 1899, and the production of grapes also declined. The value of orchard fruits increased from \$7,976,000 in 1899 to \$8,678,000 in 1909, and that of grapes from \$640,000 in 1899 to \$851,000 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. <sup>1</sup>	Value.	Quantity. <sup>1</sup>
<b>Orchard fruits, total</b>	<b>13,186,773</b>	<b>5,921,257</b>	<b>13,285,953</b>	<b>\$8,677,956</b>	<b>25,236,854</b>		
Apples.....	188,713	8,000,456	76,841	2,501,185	11,048,430	5,557,616	24,060,651
Peaches and nectarines.....	80,256	2,383,027	48,599	2,179,386	1,023,570	1,351,175	143,464
Pears.....	118,593	796,882	50,977	382,180	378,825	356,240	434,177
Plums and prunes.....	82,758	744,148	38,840	493,601	295,158	398,005	100,210
Cherries.....	112,165	1,075,031	31,093	280,251	478,093	909,975	474,940
Apricots.....	4,815	10,363	2,692	7,576	2,562	4,497	1,634
Quinces.....	44,369	176,849	15,292	77,071	62,350	102,431	(2)
Mulberries.....	10	17	6	7	29	47	(3)
Unclassified.....							\$21,778
<b>Grapes.....</b>	<b>84,829</b>	<b>5,271,264</b>	<b>16,055</b>	<b>8,252,811</b>	<b>34,020,198</b>	<b>850,708</b>	<b>47,125,437</b>
<b>Nuts, total</b>	<b>4,175,457</b>	<b>41,163</b>	<b>3,795,804</b>	<b>490,447</b>	<b>5,065,500</b>		
Persian or English walnuts.....	53	198	68	142	4,523	516	
Pecans.....	130	554	44	463	14,885	532	
Black walnuts.....	13,754	65,075	2,969	22,193	2,162,471	39,306	(2)
Butternuts.....	2,199	21,387	235	4,230	782,415	9,408	(2)
Hickory nuts.....	4,654	34,427	428	5,516	593,200	25,348	(2)
Chestnuts.....	2,343	53,511	408	8,272	233,834	15,185	(2)
Unclassified.....							\$5,065,500
<b>Tropical fruits total</b>	<b>123</b>	<b>60</b>	<b>15</b>				
Figs.....	26	81	13	38	176	7	
Japanese persimmons.....	4	39	2	22	3	8	

<sup>1</sup> Expressed in bushels for orchard fruits and persimmons, and pounds for grapes, nuts, and figs.  
<sup>2</sup> Included with "unclassified."  
<sup>3</sup> Consists of products not separately named by the enumerator, but grouped under the designation "all other."  
<sup>4</sup> Total includes almonds, Japanese walnuts, hazelnuts, Japanese chestnuts, beechnuts, Italian chestnuts, Spanish chestnuts, filberts, white walnuts, and other nuts.

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

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Number.	Percent of all farms.	Unit.	1909	1899
Cider.....	65,320	29.8	Gals.....	8,000,914	15,890,868
Vinegar.....	23,612	10.5	Gals.....	1,242,246	3,475,206
Wine and grape juice.....	6,363	2.9	Gals.....	106,756	194,610
Dried fruits.....	9,701	4.4	Lbs.....	285,297	938,810

Sugar crops: 1909 and 1899.—The table below shows data with regard to maple trees and their products, and also for sugar beets and sorghum cane, which in this state are unimportant. The total value of maple sugar and sirup produced in 1909 was \$471,000, as compared with \$240,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
<b>Maple sugar and sirup:</b>						
Total, 1909.....	10,353	4.7	11,298,005			\$471,213
Sugar made.....	3,248	1.5		1,188,049	Lbs.....	106,501
Sirup made.....	10,035	4.6		391,242	Gals.....	364,712
Total, 1899.....	6,154	2.7				239,773
Sugar made.....				1,429,540	Lbs.....	115,910
Sirup made.....				160,297	Gals.....	123,863
Sugar beets (1909) <sup>2</sup> .....	71	(3)	57	800	Tons.....	5,826
<b>Sorghum cane:</b>						
Total, 1909.....						3,081
Cane grown <sup>4</sup> .....	121	0.1	90	306	Tons.....	
Sirup made.....	102	(3)		2,585	Gals.....	2,198
Total, 1899.....						3,161
Cane grown.....	233	0.1	105	793	Tons.....	
Cane sold as such.....				21	Tons.....	71
Sirup made.....				6,514	Gals.....	3,090

<sup>1</sup> Number of trees.  
<sup>2</sup> Used as root forage.  
<sup>3</sup> Less than one-tenth of 1 per cent.  
<sup>4</sup> 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 78,045 farms in Pennsylvania (35.6 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$7,986,599, as compared with \$6,481,181 in 1899, an increase of 23.2 per cent. Of the value in 1909, \$2,786,992 was reported as that of products used or to be used on the farms themselves, \$3,859,489 as that of products sold or for sale, and \$1,340,118 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 10,663 farmers in Pennsylvania sold, during 1909, 53,873 tons of straw, for which they received \$470,895, and that 4,011 farmers sold 13,071 tons of cornstalks and leaves, for which they received \$84,323.

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.
	Number.	Percent of all farms.				
Labor.....	139,507	63.6	\$25,611,838	\$16,647,730	\$8,964,108	53.8
Feed.....	141,633	64.6	19,203,160	( <sup>1</sup> )		
Fertilizer.....	129,769	59.2	6,801,605	4,685,920	2,115,685	45.1

<sup>1</sup> Not reported at the census of 1900.

Nearly two-thirds of the farmers hire labor, the average amount expended by the farmers hiring being \$184. During the decade the total expenditure for labor increased \$8,964,000, or 53.8 per cent, which is one of the greatest relative increases in Pennsylvania agriculture during the decade. About one-fourth of the amount reported as expended for labor is in the form of rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

Over six farmers out of every ten report some expenditure for feed, and about six out of every ten purchase fertilizer. The amount reported as paid for fertilizer has increased \$2,116,000, or 45.1 per cent, during the decade, the average per farm reporting being \$52.41.

**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.....	20,059	9.1	2,929,895	Bu.....	\$9,157,120
Corn.....	20,046	9.1	2,090,984	Bu.....	1,974,555
Oats.....	209	0.1	9,148	Bu.....	1,085,198
Barley.....	40,237	18.3	419,224	Tons...	6,843
Hay and coarse forage.....					6,090,524

While the total amount expended by Pennsylvania farms for the purchase of feed in 1909 was \$19,203,000, the total receipts from sales of feed by those reporting sales only amounted to \$9,157,000.

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.	Allegheny.	Armstrong.	Beaver.	Bedford.
1 Population.....	7,665,111	34,319	1,018,463	67,880	78,353	38,879
2 Population in 1900.....	<i>6,302,115</i>	<i>34,496</i>	<i>775,058</i>	<i>52,551</i>	<i>56,432</i>	<i>39,468</i>
3 Number of all farms.....	219,295	3,752	4,985	4,112	2,525	3,027
4 Number of all farms in 1900.....	<i>224,248</i>	<i>5,536</i>	<i>5,555</i>	<i>4,202</i>	<i>2,602</i>	<i>3,515</i>
<b>Color and nativity of farmers:</b>						
5 Native white.....	204,917	3,736	3,768	3,976	2,262	3,598
6 Foreign-born white.....	13,832	14	1,199	133	251	22
7 Negro and other nonwhite.....	646	2	18	3	12	7
<b>Number of farms, classified by size:</b>						
8 Under 3 acres.....	972	9	80	4	5	2
9 3 to 9 acres.....	19,130	412	727	312	120	168
10 10 to 19 acres.....	18,556	445	648	295	153	164
11 20 to 49 acres.....	39,721	759	1,001	651	415	374
12 50 to 99 acres.....	65,687	922	1,366	1,204	807	803
13 100 to 174 acres.....	55,518	934	833	1,251	776	1,243
14 175 to 259 acres.....	14,066	216	192	266	172	571
15 260 to 499 acres.....	4,816	49	43	63	6	262
16 500 to 999 acres.....	632	3	4	5	6	53
17 1,000 acres and over.....	167		1	1		2
<b>LAND AND FARM AREA</b>						
18 Approximate land area..... acres.....	28,692,480	337,920	464,000	417,920	274,560	656,640
19 Land in farms..... acres.....	18,586,832	281,858	386,342	355,243	229,788	465,916
20 Land in farms in 1900..... acres.....	<i>19,871,015</i>	<i>281,628</i>	<i>350,596</i>	<i>367,897</i>	<i>248,973</i>	<i>480,241</i>
21 Improved land in farms..... acres.....	12,673,519	227,684	244,720	266,576	173,426	264,814
22 Improved land in farms in 1900..... acres.....	<i>13,208,183</i>	<i>224,680</i>	<i>282,961</i>	<i>277,262</i>	<i>185,706</i>	<i>298,511</i>
23 Woodland in farms..... acres.....	4,281,439	40,842	43,299	71,014	42,991	162,907
24 Other unimproved land in farms..... acres.....	1,631,874	13,332	20,323	17,653	13,401	18,105
25 Per cent of land area in farms.....	64.8	83.4	66.5	85.0	83.7	71.0
26 Per cent of farm land improved.....	68.2	80.8	79.4	75.0	75.5	56.8
27 Average acres per farm.....	84.8	75.1	61.9	86.4	91.0	128.5
28 Average improved acres per farm.....	57.8	60.7	49.1	64.8	68.7	73.0
<b>VALUE OF FARM PROPERTY</b>						
29 All farm property..... dollars.....	1,253,274,662	16,963,103	62,865,389	20,780,783	16,403,442	13,929,308
30 All farm property in 1900..... dollars.....	<i>1,051,629,178</i>	<i>12,716,539</i>	<i>52,054,488</i>	<i>14,794,289</i>	<i>14,288,819</i>	<i>11,164,860</i>
31 Per cent increase, 1900-1910.....	19.2	33.4	20.8	40.5	15.3	24.9
32 Land..... dollars.....	630,430,010	7,496,802	45,082,073	11,487,568	9,928,801	6,695,705
33 Land in 1900..... dollars.....	<i>675,392,940</i>	<i>6,123,830</i>	<i>39,075,980</i>	<i>8,541,640</i>	<i>9,104,210</i>	<i>5,060,265</i>
34 Buildings..... dollars.....	410,638,745	5,734,883	13,200,721	6,222,346	4,204,565	4,182,249
35 Buildings in 1900..... dollars.....	<i>322,879,810</i>	<i>4,349,030</i>	<i>9,288,150</i>	<i>3,370,770</i>	<i>3,311,440</i>	<i>3,167,170</i>
36 Implements and machinery..... dollars.....	70,726,055	1,088,614	1,824,492	967,175	741,288	930,106
37 Implements, etc., in 1900..... dollars.....	<i>50,917,240</i>	<i>763,780</i>	<i>1,832,430</i>	<i>705,630</i>	<i>576,930</i>	<i>626,100</i>
38 Domestic animals, poultry, and bees..... dollars.....	141,480,052	2,642,804	2,752,108	2,103,094	1,528,988	2,121,248
39 Domestic animals, etc., in 1900..... dollars.....	<i>102,459,183</i>	<i>1,489,899</i>	<i>2,297,928</i>	<i>1,576,189</i>	<i>1,231,929</i>	<i>1,400,795</i>
<b>Per cent of value of all property in—</b>						
40 Land.....	50.3	44.2	71.7	55.3	60.5	48.1
41 Buildings.....	32.8	33.8	21.0	29.9	25.6	30.0
42 Implements and machinery.....	5.6	6.4	2.9	4.7	4.5	6.7
43 Domestic animals, poultry, and bees.....	11.3	15.6	4.4	10.1	9.3	15.2
<b>Average values:</b>						
44 All property per farm..... dollars.....	5,715	4,521	12,611	5,054	6,496	3,840
45 Land and buildings per farm..... dollars.....	4,747	3,527	11,693	4,307	5,967	2,999
46 Land per acre..... dollars.....	33.92	26.60	146.21	32.34	43.21	14.37
47 Land per acre in 1900..... dollars.....	<i>29.70</i>	<i>21.75</i>	<i>111.49</i>	<i>23.22</i>	<i>36.57</i>	<i>12.41</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>						
48 Farms reporting domestic animals.....	207,884	3,015	4,572	3,877	2,393	3,496
49 Value of domestic animals..... dollars.....	133,327,286	2,433,716	2,576,640	1,938,363	1,450,034	2,016,092
<b>Cattle:</b>						
50 Total number.....	1,586,519	24,177	26,825	21,975	16,067	27,109
51 Dairy cows.....	893,640	14,210	13,013	12,018	10,245	13,013
52 Other cows.....	69,220	1,534	1,428	1,748	1,025	2,505
53 Yearling heifers.....	167,593	2,346	3,040	2,724	1,989	3,791
54 Calves.....	235,658	2,781	3,133	3,131	1,679	4,225
55 Yearling steers and bulls.....	76,816	1,360	807	1,464	601	2,285
56 Other steers and bulls.....	72,494	1,976	404	890	423	1,230
57 Value..... dollars.....	47,229,894	729,111	941,724	557,607	457,747	590,283
<b>Horses:</b>						
58 Total number.....	549,756	9,778	11,199	9,566	6,784	10,018
59 Mature horses.....	511,812	8,088	10,769	8,796	6,245	8,990
60 Yearling colts.....	30,981	689	374	631	434	818
61 Spring colts.....	6,963	201	56	109	55	205
62 Value..... dollars.....	68,055,489	1,111,300	1,485,051	1,219,400	822,039	1,157,207
<b>Mules:</b>						
63 Total number.....	44,323	2,775	160	196	121	342
64 Mature mules.....	42,923	2,508	159	170	112	316
65 Yearling colts.....	1,277	164	1	25	6	23
66 Spring colts.....	123	13		1	3	3
67 Value..... dollars.....	6,424,039	391,292	19,459	24,925	14,450	46,371
<b>Asses and burros:</b>						
68 Number.....	348	10	6	2	1	3
69 Value..... dollars.....	43,438	1,392	710	50	1,000	1,600
<b>Swine:</b>						
70 Total number.....	977,637	22,008	13,620	20,154	9,857	20,317
71 Mature hogs.....	925,517	14,632	8,651	11,111	5,521	13,559
72 Spring pigs.....	352,120	7,326	4,969	9,043	4,336	6,758
73 Value..... dollars.....	7,624,494	165,608	101,012	130,076	71,832	138,393
<b>Sheep:</b>						
74 Total number.....	883,074	7,122	6,544	13,009	18,930	22,112
75 Rams, ewes, and wethers.....	637,541	3,785	4,579	7,857	10,447	12,043
76 Spring lambs.....	245,533	3,337	1,965	5,152	2,483	10,069
77 Value..... dollars.....	3,934,144	34,019	28,331	51,013	82,920	82,083
<b>Goats:</b>						
78 Number.....	3,539	92	49	70	23	73
79 Value..... dollars.....	15,788	394	353	202	46	255
<b>POULTRY AND BEES</b>						
80 Number of poultry of all kinds.....	12,728,341	389,134	250,664	189,823	124,067	189,856
81 Value..... dollars.....	7,074,387	204,216	172,432	110,038	76,631	94,623
82 Number of colonies of bees.....	124,816	2,034	682	2,485	697	3,885
83 Value..... dollars.....	478,179	4,872	3,031	10,293	2,123	10,523

<sup>1</sup> Decrease.

AGRICULTURE—PENNSYLVANIA.

BY COUNTIES: APRIL 15, 1910.

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

	Berks.	Blair.	Bradford.	Bucks.	Butler.	Cambria.	Cameron.	Carbon.	Center.	Chester.	Clarion.	Clearfield.
1	183,222	108,858	54,526	76,530	72,689	166,131	7,044	52,846	43,424	109,213	36,638	93,768
2	<i>169,615</i>	<i>85,099</i>	<i>69,403</i>	<i>71,190</i>	<i>60,982</i>	<i>104,837</i>	<i>7,048</i>	<i>44,510</i>	<i>42,894</i>	<i>95,695</i>	<i>34,283</i>	<i>80,614</i>
3	6,953	1,865	5,824	6,020	5,075	2,761	328	936	2,608	5,666	3,683	3,642
4	<i>7,375</i>	<i>1,780</i>	<i>6,079</i>	<i>6,302</i>	<i>5,360</i>	<i>2,608</i>	<i>337</i>	<i>1,042</i>	<i>2,339</i>	<i>6,202</i>	<i>3,192</i>	<i>3,452</i>
5	6,861	1,796	5,679	5,323	4,738	2,435	289	857	2,466	5,266	2,977	3,040
6	88	69	141	677	333	324	39	79	141	287	100	300
7	4	4	4	20	4	4	4	113	1	113	1	2
8	23	12	16	20	5	6		3	5	40		3
9	680	169	254	546	235	274	23	57	243	528	158	439
10	950	139	239	783	266	210	13	98	170	625	170	408
11	1,758	330	667	1,547	864	495	58	232	311	1,145	419	696
12	<i>1,792</i>	<i>422</i>	<i>1,807</i>	<i>2,161</i>	<i>2,044</i>	<i>862</i>	<i>106</i>	<i>303</i>	<i>651</i>	<i>1,554</i>	<i>1,132</i>	<i>1,000</i>
13	1,425	560	1,945	833	1,363	684	78	164	872	1,436	908	804
14	285	163	655	99	242	162	30	31	315	252	182	159
15	30	56	225	27	51	58	16	24	115	74	51	58
16	9	12	14	4	5	9	1	12	17	12	2	9
17	1	2	2			1	1	12	3		1	6
18	553,600	341,700	732,800	389,120	505,600	458,880	250,880	259,840	733,440	497,280	384,640	730,880
19	<i>458,450</i>	<i>176,513</i>	<i>623,303</i>	<i>352,928</i>	<i>413,167</i>	<i>228,004</i>	<i>34,748</i>	<i>96,303</i>	<i>286,822</i>	<i>423,827</i>	<i>272,745</i>	<i>271,094</i>
20	<i>461,090</i>	<i>204,169</i>	<i>630,234</i>	<i>558,252</i>	<i>444,165</i>	<i>245,525</i>	<i>10,817</i>	<i>116,721</i>	<i>297,664</i>	<i>447,509</i>	<i>281,540</i>	<i>289,500</i>
21	381,596	117,689	458,697	298,126	310,039	130,410	10,869	40,067	188,033	351,525	185,453	161,218
22	<i>390,703</i>	<i>122,276</i>	<i>417,769</i>	<i>501,693</i>	<i>535,669</i>	<i>140,180</i>	<i>12,671</i>	<i>11,298</i>	<i>186,604</i>	<i>371,425</i>	<i>195,544</i>	<i>167,234</i>
23	57,096	52,128	120,210	37,112	76,853	74,481	12,941	39,468	85,628	51,598	62,243	100,230
24	<i>10,758</i>	<i>6,716</i>	<i>44,456</i>	<i>17,690</i>	<i>26,275</i>	<i>23,113</i>	<i>10,938</i>	<i>16,748</i>	<i>13,261</i>	<i>20,704</i>	<i>25,049</i>	<i>9,556</i>
25	82.8	51.6	85.1	90.7	81.7	49.7	13.9	37.1	39.1	85.2	70.9	37.1
26	83.2	66.7	73.6	84.5	75.0	57.2	31.3	41.6	65.6	82.9	68.0	59.5
27	95.9	94.6	107.0	58.6	81.4	82.6	105.9	102.9	110.0	74.8	88.5	74.4
28	54.9	63.1	78.7	49.5	61.1	47.2	33.1	42.8	72.1	62.0	60.2	44.3
29	36,929,891	10,994,269	23,826,741	38,400,771	27,714,216	14,109,073	774,531	3,587,691	13,336,941	40,150,729	13,321,502	12,321,554
30	<i>34,405,110</i>	<i>8,049,925</i>	<i>23,529,448</i>	<i>31,635,149</i>	<i>21,010,389</i>	<i>9,911,615</i>	<i>819,662</i>	<i>3,353,424</i>	<i>12,025,824</i>	<i>39,662,787</i>	<i>2,058,632</i>	<i>10,089,360</i>
31	7.2	36.6	1.3	21.4	31.9	42.3	15.5	7.0	10.9	15.6	39.0	22.2
32	14,291,427	5,502,213	9,517,226	12,220,694	14,861,358	7,430,660	318,050	1,346,855	6,222,014	17,824,156	6,167,715	5,967,230
33	<i>16,440,330</i>	<i>4,625,200</i>	<i>11,596,340</i>	<i>11,501,080</i>	<i>11,951,090</i>	<i>5,723,470</i>	<i>398,450</i>	<i>1,429,620</i>	<i>6,903,800</i>	<i>17,181,000</i>	<i>4,719,460</i>	<i>6,372,910</i>
34	14,993,219	3,593,253	8,543,573	18,880,863	8,679,601	4,536,432	296,465	1,472,525	4,269,454	19,889,535	4,571,654	4,353,050
35	<i>18,653,240</i>	<i>2,293,240</i>	<i>7,387,180</i>	<i>14,890,970</i>	<i>5,878,180</i>	<i>2,716,940</i>	<i>258,580</i>	<i>1,358,280</i>	<i>3,188,220</i>	<i>16,588,720</i>	<i>3,082,870</i>	<i>5,089,770</i>
36	2,824,092	619,312	1,770,795	3,159,625	1,333,333	819,705	53,381	357,323	892,926	2,922,909	902,047	704,551
37	<i>1,883,380</i>	<i>373,060</i>	<i>1,484,000</i>	<i>2,306,580</i>	<i>1,021,240</i>	<i>520,510</i>	<i>49,080</i>	<i>223,890</i>	<i>675,740</i>	<i>2,178,800</i>	<i>568,100</i>	<i>685,710</i>
38	4,821,163	1,279,491	3,995,147	4,139,584	2,839,924	1,322,276	106,635	410,993	1,951,617	5,517,129	1,680,086	2,129,423
39	<i>8,481,000</i>	<i>788,435</i>	<i>3,078,928</i>	<i>5,136,516</i>	<i>2,169,876</i>	<i>941,695</i>	<i>113,552</i>	<i>341,354</i>	<i>1,258,764</i>	<i>3,988,267</i>	<i>1,216,762</i>	<i>1,101,490</i>
40	38.7	50.0	39.9	31.8	53.6	52.7	41.1	37.5	46.7	38.6	46.3	48.4
41	40.6	32.7	35.9	49.2	31.3	32.2	38.3	41.0	32.0	43.1	34.3	35.8
42	7.6	5.6	7.4	8.2	4.8	5.8	6.9	10.0	6.7	6.3	6.8	5.7
43	13.1	11.6	16.8	10.8	10.2	9.4	13.8	11.5	14.6	12.0	12.6	10.5
44	5,311	5,895	4,091	6,379	5,461	5,110	2,361	3,833	5,114	8,145	4,321	3,383
45	4,212	4,877	3,101	5,166	4,639	4,334	1,874	3,012	4,023	6,656	3,483	2,834
46	31.17	31.17	15.27	34.63	35.97	32.59	9.15	13.99	21.70	42.06	22.61	22.01
47	<i>33.60</i>	<i>22.05</i>	<i>18.23</i>	<i>31.64</i>	<i>28.91</i>	<i>23.31</i>	<i>9.76</i>	<i>12.25</i>	<i>23.20</i>	<i>38.41</i>	<i>16.76</i>	<i>18.57</i>
48	6,643	1,762	5,565	5,588	4,812	2,557	298	866	2,510	5,419	2,980	3,400
49	<i>4,481,074</i>	<i>1,223,172</i>	<i>3,792,000</i>	<i>3,722,216</i>	<i>2,684,310</i>	<i>1,246,261</i>	<i>99,403</i>	<i>382,288</i>	<i>1,883,472</i>	<i>5,202,574</i>	<i>1,607,855</i>	<i>1,220,209</i>
50	46,613	14,000	68,317	35,022	29,610	14,085	1,563	4,587	23,208	65,113	20,948	10,882
51	33,490	7,878	40,786	25,269	16,916	8,434	510	2,658	11,955	45,429	10,338	9,237
52	1,923	1,147	2,084	1,762	2,288	808	105	399	1,910	3,250	1,712	1,431
53	2,080	1,642	6,861	2,579	3,613	1,658	212	525	2,923	5,309	2,834	2,154
54	5,818	1,950	14,406	3,362	3,720	2,181	302	698	3,762	7,775	3,015	2,771
55	1,275	885	2,314	656	1,724	687	95	219	1,664	1,047	1,878	565
56	1,427	498	1,266	1,394	1,349	317	39	88	2,303	1,171	424	424
57	<i>1,557,435</i>	<i>395,335</i>	<i>1,882,366</i>	<i>1,404,684</i>	<i>823,308</i>	<i>417,718</i>	<i>38,213</i>	<i>116,955</i>	<i>557,466</i>	<i>2,468,817</i>	<i>476,627</i>	<i>393,824</i>
58	17,380	5,070	14,338	16,255	12,243	5,351	461	1,871	8,217	18,965	7,586	5,816
59	16,306	4,691	13,438	15,947	11,257	5,010	428	1,807	7,457	17,857	6,982	6,427
60	795	257	778	265	278	278	29	66	563	889	619	338
61	279	122	63	114	63	63	4	8	197	219	85	51
62	2,059,098	698,556	1,633,602	2,025,806	1,583,039	726,472	53,432	238,903	1,096,763	2,339,245	981,069	705,139
63	4,089	164	149	401	200	179	4	67	229	1,079	117	235
64	4,035	165	149	385	196	179	4	67	229	1,064	115	234
65	54	6	1	12	1	1			11	2		1
66		3	2	4	3							
67	<i>574,964</i>	<i>23,532</i>	<i>17,770</i>	<i>46,524</i>	<i>28,440</i>	<i>19,278</i>	<i>500</i>	<i>6,070</i>	<i>33,829</i>	<i>164,948</i>	<i>14,766</i>	<i>24,470</i>
68	11	3	5	8	27	9				13	1	2
69	1,240	34	900	450	160	650				1,765	500	120
70	36,279	9,754	19,865	24,477	22,231	7,580	445	2,148	17,914	21,406	15,548	9,923
71	27,959	7,010	10,579	16,532	12,732	5,277	349	1,734	11,721	14,552	9,307	6,832
72	8,320	2,735	9,286	7,945	9,499	2,303	96	414	6,193	6,854	6,241	3,991
73	<i>283,671</i>	<i>73,897</i>	<i>160,853</i>	<i>232,051</i>	<i>158,024</i>	<i>64,289</i>	<i>4,317</i>	<i>10,852</i>	<i>141,852</i>	<i>194,415</i>	<i>106,931</i>	<i>79,353</i>
74	792	6,731	10,781	2,154	21,123	4,410	581	96	11,789	5,325	6,981	4,532
75	508	3,733	12,239	1,293	13,844	2,525	337	51	6,689	3,027	4,068	2,714
76	284	2,998	7,542	861	7,279	1,885	244	45	5,100	2,298	2,913	1,818
77	<i>3,896</i>	<i>31,521</i>	<i>96,166</i>	<i>12,023</i>	<i>85,352</i>	<i>17,764</i>	<i>2,777</i>	<i>500</i>	<i>53,529</i>	<i>32,927</i>	<i>27,820</i>	<i>17,061</i>
78	41	47	105	198	146	20	39	2	20	86	47	40
79	170	277	343	678	987	90	164	8	33	457	142	242
80	605,821	92,067	276,178	527,751	258,725	105,861	9,978	46,996	130,066	478,699	123,255	112,172
81	<i>333,246</i>	<i>52,071</i>	<i>188,467</i>	<i>411,059</i>	<i>143,586</i>	<i>63,126</i>	<i>5,856</i>	<i>27,032</i>	<i>64,221</i>	<i>309,678</i>	<i>64,688</i>	<i>58,468</i>
82	2,087	1,008	3,898	1,530	2,705	2,640	297	498	1,042	1,472	1,643	3,809
83	<i>6,833</i>	<i>4,243</i>	<i>14,680</i>	<i>6,306</i>	<i>11,768</i>	<i>12,889</i>	<i>1,376</i>	<i>1,673</i>	<i>3,924</i>	<i>4,877</i>	<i>7,543</i>	<i>17,546</i>

\* Includes deer, valued at \$200.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Clinton.	Columbia.	Crawford.	Cumber-land.	Dauphin.	Delaware.	Elk.	Erie.
1 Population.....	31,545	48,407	61,565	54,479	136,152	117,906	35,871	115,517
2 <i>Population in 1900.....</i>	<i>29,197</i>	<i>39,896</i>	<i>63,643</i>	<i>60,344</i>	<i>114,448</i>	<i>84,782</i>	<i>32,903</i>	<i>98,478</i>
3 Number of all farms.....	1,268	2,777	7,115	3,043	2,684	1,420	1,073	5,511
4 <i>Number of all farms in 1900.....</i>	<i>1,362</i>	<i>2,700</i>	<i>7,894</i>	<i>3,066</i>	<i>2,844</i>	<i>1,677</i>	<i>966</i>	<i>5,867</i>
5 Color and nativity of farmers:								
6 Native white.....	1,209	2,674	6,812	3,023	2,002	1,208	680	4,927
7 Foreign-born white.....	52	102	303	14	74	200	387	579
8 Negro and other nonwhite.....	7	1	1	6	8	21	5	5
9 Number of farms, classified by size:								
10 Under 3 acres.....	4	6	56	9	16	40	5	36
11 3 to 9 acres.....	79	183	260	293	259	224	80	321
12 10 to 19 acres.....	90	171	250	260	240	236	102	368
13 20 to 49 acres.....	217	489	1,352	458	498	309	270	1,020
14 50 to 99 acres.....	350	1,027	2,950	766	762	327	370	2,015
15 100 to 174 acres.....	379	752	1,792	1,039	739	238	184	1,318
16 175 to 259 acres.....	43	116	339	185	124	38	37	333
17 260 to 499 acres.....	38	28	93	30	30	11	13	87
18 500 to 999 acres.....	8	3	12	1	5	4	3	11
19 1,000 acres and over.....	2	2	2	2	2	2	3	2
<b>LAND AND FARM AREA</b>								
20 Approximate land area..... acres..	561,920	306,560	664,320	337,920	333,440	118,400	515,840	499,840
21 Land in farms..... acres..	120,619	228,059	580,411	293,246	214,390	82,875	76,032	447,691
22 <i>Land in farms in 1900.....</i>	<i>134,373</i>	<i>231,181</i>	<i>597,527</i>	<i>286,266</i>	<i>235,546</i>	<i>88,498</i>	<i>81,051</i>	<i>469,861</i>
23 Improved land in farms..... acres..	67,542	163,936	375,945	228,554	170,512	67,559	34,872	202,067
24 <i>Improved land in farms in 1900.....</i>	<i>72,466</i>	<i>168,803</i>	<i>368,237</i>	<i>231,535</i>	<i>178,837</i>	<i>77,005</i>	<i>55,040</i>	<i>286,480</i>
25 Woodland in farms..... acres..	48,305	58,658	115,540	83,963	83,963	9,255	22,314	65,915
26 Other unimproved land in farms..... acres..	4,712	5,465	88,920	8,950	9,915	5,761	18,846	89,709
27 Per cent of land area in farms.....	21.5	74.4	87.4	77.9	64.3	69.7	14.7	89.6
28 Per cent of farm land improved.....	56.0	71.9	64.8	80.8	79.5	81.8	45.9	65.2
29 Average acres per farm.....	95.1	82.1	81.6	80.5	79.9	57.8	70.9	81.2
30 Average improved acres per farm.....	53.3	59.0	52.8	75.1	63.5	47.3	32.5	53.0
<b>VALUE OF FARM PROPERTY</b>								
31 All farm property..... dollars..	5,396,140	11,010,676	30,155,560	20,497,947	15,876,001	22,631,381	3,623,812	33,295,391
32 <i>All farm property in 1900.....</i>	<i>5,014,555</i>	<i>8,872,429</i>	<i>24,974,841</i>	<i>16,780,749</i>	<i>16,044,431</i>	<i>22,287,322</i>	<i>2,847,602</i>	<i>24,649,795</i>
33 Per cent increase, 1900-1910.....	7.6	24.1	20.7	22.5	1.5	1.2	27.2	35.1
34 Land..... dollars..	2,591,184	4,495,514	13,690,673	10,212,175	7,234,888	13,281,990	1,484,670	18,971,013
35 <i>Land in 1900.....</i>	<i>2,693,600</i>	<i>4,182,100</i>	<i>13,219,080</i>	<i>9,021,070</i>	<i>8,555,800</i>	<i>13,029,370</i>	<i>1,490,080</i>	<i>14,087,160</i>
36 Buildings..... dollars..	1,801,000	4,144,539	9,820,167	6,652,112	5,752,786	7,052,375	1,478,230	8,621,166
37 <i>Buildings in 1900.....</i>	<i>1,411,330</i>	<i>3,049,420</i>	<i>6,811,850</i>	<i>5,310,470</i>	<i>6,081,330</i>	<i>6,309,270</i>	<i>869,860</i>	<i>6,516,860</i>
38 Implements and machinery..... dollars..	235,397	949,535	1,873,535	1,038,168	866,375	757,785	251,856	1,797,940
39 <i>Implements, etc., in 1900.....</i>	<i>225,600</i>	<i>655,990</i>	<i>1,330,780</i>	<i>747,980</i>	<i>694,405</i>	<i>696,240</i>	<i>153,030</i>	<i>1,244,910</i>
40 Domestic animals, poultry, and bees..... dollars..	668,559	1,421,085	4,771,185	2,595,462	1,921,662	1,439,931	408,526	3,905,267
41 <i>Domestic animals, etc., in 1900.....</i>	<i>514,225</i>	<i>984,918</i>	<i>3,668,131</i>	<i>1,648,220</i>	<i>1,545,182</i>	<i>1,264,748</i>	<i>323,532</i>	<i>2,800,886</i>
42 Per cent of value of all property in—								
43 Land.....	48.0	40.8	45.4	40.8	45.6	58.9	41.0	57.0
44 Buildings.....	33.4	37.6	32.6	32.5	36.2	31.3	40.8	25.9
45 Implements and machinery.....	6.2	8.6	6.2	5.1	6.1	3.4	7.0	5.4
46 Domestic animals, poultry, and bees.....	12.4	12.9	15.8	12.7	12.1	6.4	11.3	11.7
47 Average values:								
48 All property per farm..... dollars..	4,256	3,965	4,238	6,736	5,915	15,767	3,377	6,042
49 Land and buildings per farm..... dollars..	3,404	3,111	3,304	5,542	4,839	14,230	2,761	6,007
50 Land per acre..... dollars..	21.48	19.71	23.59	38.79	33.75	160.85	19.53	42.38
51 <i>Land per acre in 1900.....</i>	<i>19.82</i>	<i>18.09</i>	<i>22.12</i>	<i>31.63</i>	<i>38.62</i>	<i>147.06</i>	<i>18.60</i>	<i>30.63</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>								
52 Farms reporting domestic animals.....	1,204	2,680	6,771	2,959	2,560	1,303	998	5,213
53 Value of domestic animals..... dollars..	639,552	1,329,274	4,584,015	2,466,873	1,802,565	1,346,421	381,034	3,783,997
54 Cattle:								
55 Total number.....	8,699	14,199	66,094	23,924	20,889	16,265	6,620	56,871
56 Dairy cows.....	4,744	8,385	36,697	14,890	12,563	11,585	3,522	33,781
57 Other cows.....	715	1,282	3,332	1,710	1,266	783	415	2,493
58 Yearling heifers.....	1,065	1,529	7,009	2,402	2,100	1,309	981	5,935
59 Calves.....	1,211	1,849	14,433	2,802	2,731	1,843	1,232	10,882
60 Yearling steers and bulls.....	590	720	2,633	1,205	1,322	897	398	2,118
61 Other steers and bulls.....	383	434	1,990	915	887	343	83	1,662
62 Value..... dollars..	198,038	360,987	1,914,977	716,005	616,808	638,275	156,686	1,736,984
63 Horses:								
64 Total number.....	3,048	6,757	19,536	10,531	6,123	4,688	1,580	14,890
65 Mature horses.....	2,884	6,446	17,575	9,433	5,868	4,539	1,484	13,907
66 Yearling colts.....	127	244	1,713	801	197	114	88	872
67 Spring colts.....	37	67	248	297	60	35	8	111
68 Value..... dollars..	380,241	811,543	2,289,884	1,218,182	782,629	627,760	199,111	1,761,657
69 Mules:								
70 Total number.....	60	333	80	1,879	1,974	95	15	86
71 Mature mules.....	60	321	67	1,839	1,952	95	15	81
72 Yearling colts.....	12	11	11	32	21	1	4	4
73 Spring colts.....	2	5	2	8	1	1	1	1
74 Value..... dollars..	8,325	39,356	11,100	280,829	275,443	14,725	1,080	11,624
75 Asses and burros:								
76 Number.....	2	4	20	4	8	8	2	2
77 Value..... dollars..	450	1,315	2,175	85	275	8	150	150
78 Swine:								
79 Total number.....	6,189	16,086	31,513	24,731	16,541	6,590	2,972	20,519
80 Mature hogs.....	4,255	10,498	17,351	16,063	11,331	4,683	2,223	11,319
81 Spring pigs.....	1,834	5,588	13,962	8,668	5,210	1,907	749	9,200
82 Value..... dollars..	47,051	112,332	228,843	169,963	120,164	56,110	22,609	178,845
83 Sheep:								
84 Total number.....	1,548	1,039	29,813	16,343	1,431	1,475	456	12,798
85 Rams, ewes, and wethers.....	932	596	18,887	7,932	806	886	251	8,358
86 Spring lambs.....	555	443	10,931	8,411	625	589	205	4,440
87 Value..... dollars..	5,795	4,591	137,512	79,497	7,304	9,193	1,589	64,098
88 Goats:								
89 Number.....	20	6	141	77	50	10	7	150
90 Value..... dollars..	102	16	384	222	123	83	59	639
<b>POULTRY AND BEES</b>								
91 Number of poultry of all kinds.....	52,951	135,801	278,947	225,629	198,706	110,425	36,075	213,054
92 Value..... dollars..	20,999	87,414	171,859	125,023	115,715	69,469	19,594	139,591
93 Number of colonies of bees.....	536	1,144	8,497	1,198	2,293	546	1,734	2,832
94 Value..... dollars..	2,008	4,397	16,311	3,568	3,681	3,141	8,128	11,679

AGRICULTURE—PENNSYLVANIA.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Fayette.	Forest.	Franklin.	Fulton.	Greene.	Huntingdon.	Indiana.	Jefferson.	Juniata.	Lackawanna.	Lancaster.	Lawrence.	Lebanon.
1	167,449	9,435	59,775	9,703	28,882	38,304	66,210	63,090	15,013	259,570	167,029	70,032	59,565
2	<i>110,412</i>	<i>11,032</i>	<i>54,908</i>	<i>9,224</i>	<i>28,281</i>	<i>34,660</i>	<i>42,660</i>	<i>59,113</i>	<i>16,054</i>	<i>193,831</i>	<i>169,241</i>	<i>67,042</i>	<i>53,827</i>
3	3,818	549	4,250	1,424	3,282	2,285	4,459	3,165	1,695	1,692	10,835	2,594	2,625
4	<i>5,785</i>	<i>587</i>	<i>3,795</i>	<i>1,451</i>	<i>3,294</i>	<i>2,425</i>	<i>4,475</i>	<i>3,042</i>	<i>1,555</i>	<i>1,555</i>	<i>9,437</i>	<i>2,659</i>	<i>2,500</i>
5	3,422	496	4,215	1,413	3,261	2,242	4,304	2,908	1,670	1,444	10,640	2,374	2,514
6	366	52	17	11	10	41	150	193	9	240	149	213	11
7	30	1	18	-----	-----	11	2	4	16	2	40	7	-----
8	13	-----	10	-----	2	3	3	4	2	21	119	1	7
9	471	27	593	41	215	78	247	194	135	90	2,450	185	352
10	349	25	428	33	229	70	237	228	126	114	1,531	182	327
11	780	122	625	123	512	166	544	683	241	379	2,101	509	508
12	907	210	811	313	825	419	1,435	1,081	445	588	2,839	943	589
13	843	127	1,290	574	903	565	1,538	767	489	386	1,595	635	614
14	246	21	388	221	407	447	346	151	179	75	160	121	108
15	110	12	86	100	163	204	97	52	68	33	31	17	15
16	24	2	12	15	23	30	10	4	7	5	2	1	5
17	3	3	8	4	3	3	2	1	3	1	1	-----	-----
18	508,800	270,720	480,640	257,280	367,360	587,520	530,560	426,240	250,880	288,640	602,240	230,400	230,400
19	<i>318,475</i>	<i>49,221</i>	<i>386,384</i>	<i>196,858</i>	<i>354,540</i>	<i>340,639</i>	<i>432,377</i>	<i>249,189</i>	<i>173,136</i>	<i>134,160</i>	<i>550,499</i>	<i>193,762</i>	<i>173,593</i>
20	<i>408,283</i>	<i>58,222</i>	<i>396,510</i>	<i>199,068</i>	<i>354,204</i>	<i>365,171</i>	<i>466,065</i>	<i>267,441</i>	<i>178,189</i>	<i>160,722</i>	<i>552,761</i>	<i>215,069</i>	<i>169,976</i>
21	211,510	20,241	295,560	107,037	306,534	188,897	515,480	162,339	102,398	58,760	478,795	148,487	148,750
22	<i>263,720</i>	<i>21,439</i>	<i>296,422</i>	<i>105,420</i>	<i>306,534</i>	<i>199,020</i>	<i>337,625</i>	<i>164,651</i>	<i>103,708</i>	<i>72,347</i>	<i>478,322</i>	<i>160,513</i>	<i>147,968</i>
23	79,682	24,941	75,497	85,878	88,281	138,371	90,678	62,936	63,207	33,020	48,340	25,740	15,820
24	<i>27,274</i>	<i>4,039</i>	<i>14,277</i>	<i>3,943</i>	<i>9,375</i>	<i>13,271</i>	<i>20,818</i>	<i>23,864</i>	<i>7,531</i>	<i>42,860</i>	<i>29,364</i>	<i>19,635</i>	<i>9,023</i>
25	62.6	18.2	80.2	70.5	96.5	58.0	81.6	58.5	69.0	46.5	91.4	84.1	75.3
26	66.4	41.1	70.7	54.4	86.5	55.5	72.9	65.1	59.1	43.8	85.9	76.0	85.7
27	83.4	89.7	90.7	138.2	108.0	149.0	97.1	78.7	102.1	79.3	80.8	74.7	68.7
28	55.4	36.9	69.5	75.2	93.4	82.7	70.8	51.3	60.4	34.7	43.6	57.2	58.9
29	25,212,684	1,756,460	28,465,201	4,051,868	27,487,159	9,155,249	23,171,431	12,422,671	6,636,996	8,634,682	84,426,907	16,038,274	15,624,188
30	<i>25,734,350</i>	<i>1,850,020</i>	<i>20,000,230</i>	<i>2,861,087</i>	<i>19,982,722</i>	<i>7,793,009</i>	<i>17,243,065</i>	<i>9,981,626</i>	<i>6,253,584</i>	<i>7,873,728</i>	<i>81,928,158</i>	<i>12,483,629</i>	<i>13,910,523</i>
31	6.2	30.0	38.9	41.6	37.8	17.9	33.6	24.5	26.3	13.5	36.3	28.5	11.6
32	17,582,742	914,385	14,610,615	1,852,999	19,281,194	3,790,185	12,957,939	5,947,378	3,091,230	4,517,971	38,477,280	8,454,335	8,015,340
33	<i>16,905,400</i>	<i>860,380</i>	<i>11,408,030</i>	<i>1,866,290</i>	<i>13,044,680</i>	<i>3,740,380</i>	<i>10,502,300</i>	<i>5,517,320</i>	<i>2,737,160</i>	<i>4,275,500</i>	<i>30,791,730</i>	<i>7,147,190</i>	<i>7,645,180</i>
34	4,830,281	559,255	8,804,945	1,141,460	4,593,571	3,103,967	6,645,050	4,442,406	2,090,882	2,921,295	32,808,583	4,997,224	4,708,537
35	<i>5,408,280</i>	<i>434,210</i>	<i>6,181,830</i>	<i>796,640</i>	<i>3,668,650</i>	<i>2,480,550</i>	<i>4,916,210</i>	<i>2,886,210</i>	<i>1,647,000</i>	<i>2,380,850</i>	<i>23,147,820</i>	<i>3,482,740</i>	<i>4,500,050</i>
36	876,697	94,342	1,429,967	298,204	699,256	650,398	1,168,451	719,983	420,382	501,073	4,710,136	760,880	858,175
37	<i>709,810</i>	<i>77,300</i>	<i>943,150</i>	<i>193,390</i>	<i>612,380</i>	<i>452,160</i>	<i>799,900</i>	<i>499,550</i>	<i>263,000</i>	<i>405,400</i>	<i>2,918,770</i>	<i>523,680</i>	<i>638,645</i>
38	1,922,974	188,478	3,559,974	759,145	2,913,138	1,599,999	2,399,991	1,312,844	1,034,502	994,343	8,424,908	1,825,835	1,942,136
39	<i>1,710,000</i>	<i>179,085</i>	<i>1,967,620</i>	<i>484,767</i>	<i>2,257,172</i>	<i>1,090,489</i>	<i>1,927,685</i>	<i>1,078,548</i>	<i>589,334</i>	<i>811,978</i>	<i>5,071,838</i>	<i>1,325,019</i>	<i>1,260,748</i>
40	69.7	52.1	51.3	45.7	70.1	41.4	55.9	47.9	46.6	50.6	45.6	52.7	51.6
41	19.2	31.8	31.1	28.2	16.7	34.0	28.7	35.8	31.5	32.7	38.9	31.2	30.3
42	3.5	5.4	5.0	7.4	2.5	7.2	5.0	5.8	6.3	5.6	5.6	4.7	5.5
43	7.6	10.7	12.5	18.7	10.6	17.5	10.4	10.6	15.6	11.1	10.0	11.4	12.5
44	6,604	3,199	6,698	2,845	8,375	4,007	5,197	3,925	3,916	5,281	7,792	6,183	6,148
45	5,870	2,684	5,524	2,103	7,274	3,019	4,396	3,283	3,067	4,397	6,579	5,186	5,039
46	55.21	18.58	37.92	9.41	54.38	11.13	29.93	23.87	17.85	33.68	69.90	43.63	46.17
47	<i>59.54</i>	<i>11.28</i>	<i>22.89</i>	<i>6.96</i>	<i>38.52</i>	<i>10.30</i>	<i>22.10</i>	<i>21.43</i>	<i>15.47</i>	<i>28.37</i>	<i>55.71</i>	<i>33.09</i>	<i>44.39</i>
48	3,585	508	4,084	1,400	3,170	2,182	4,159	2,977	1,625	1,568	9,973	2,477	2,371
49	<i>1,814,112</i>	<i>177,240</i>	<i>3,351,474</i>	<i>713,683</i>	<i>2,813,177</i>	<i>1,526,903</i>	<i>2,263,149</i>	<i>1,236,240</i>	<i>949,796</i>	<i>932,634</i>	<i>7,906,199</i>	<i>1,741,834</i>	<i>1,838,494</i>
50	19,859	2,672	29,584	8,809	25,775	19,224	22,748	13,826	10,859	13,399	60,516	18,055	18,440
51	9,909	1,310	17,036	4,049	9,076	8,325	13,172	7,967	5,283	8,776	40,328	10,714	11,651
52	1,995	203	2,287	745	2,943	2,017	1,546	962	1,019	912	2,475	1,236	806
53	2,525	390	3,254	1,183	3,164	2,621	2,872	1,698	1,479	1,211	3,577	2,249	1,693
54	2,685	488	3,744	1,295	2,596	2,990	3,069	2,135	1,465	2,017	6,605	2,324	1,991
55	1,355	187	1,501	1,017	3,031	2,093	1,376	703	1,040	328	1,045	861	747
56	1,390	94	1,702	520	5,055	1,178	713	361	573	155	12,486	671	1,552
57	<i>505,087</i>	<i>58,889</i>	<i>837,255</i>	<i>172,818</i>	<i>749,403</i>	<i>419,789</i>	<i>634,580</i>	<i>337,073</i>	<i>250,454</i>	<i>403,437</i>	<i>2,854,324</i>	<i>550,441</i>	<i>643,710</i>
58	8,395	857	16,050	3,611	10,316	6,149	10,470	6,046	4,539	3,675	24,441	7,561	6,421
59	7,730	829	13,969	3,236	9,277	5,332	9,325	5,015	4,094	3,476	23,357	6,852	6,081
60	574	28	1,380	287	858	400	813	367	365	172	831	627	250
61	61	-----	671	81	81	117	132	64	80	27	223	82	90
62	1,048,596	104,361	2,016,838	434,278	1,183,226	825,010	1,351,166	791,801	525,130	470,015	3,344,484	985,232	758,627
63	253	6	1,117	203	144	745	486	188	572	87	7,777	203	2,258
64	245	6	1,080	184	115	726	482	180	567	84	7,532	179	2,200
65	6	-----	36	18	24	18	3	7	5	2	238	23	45
66	2	-----	1	8	5	3	1	1	-----	-----	-----	1	7
67	27,132	550	155,659	26,581	14,800	113,070	63,936	19,251	87,293	8,371	1,247,121	31,225	314,082
68	9	5	2	5	2	6	0	3	4	45	3	6	2
69	600	175	775	1,325	205	1,925	2,130	285	260	1,562	495	1,275	30
70	15,562	1,212	34,222	6,102	19,069	13,543	20,581	10,528	7,498	4,218	47,259	13,225	15,083
71	9,686	771	22,135	4,183	9,298	9,729	11,439	6,161	5,168	2,224	32,916	7,793	10,300
72	5,876	441	12,087	1,919	9,771	3,514	9,145	4,367	2,330	1,994	14,343	5,432	4,783
73	130,614	8,996	230,240	45,060	154,474	104,058	144,874	75,715	59,029	37,866	428,239	97,135	119,328
74	10,448	1,027	21,007	8,353	158,275	14,505	16,069	3,069	4,787	2,373	5,882	18,927	586
75	6,972	599	10,779	4,458	141,373	8,074	9,466	1,914	2,416	3,426	18,687	13,687	304
76	3,476	428	10,228	3,895	16,902	6,431	6,603	1,155	2,371	900	2,456	5,240	282
77	41,896	4,156	111,294	33,364	710,853	62,783	65,888	12,070	21,609	11,279	31,292	76,312	2,682
78	37	24	109	76	69	62	60	12	5	10	57	77	12
79	187	122	413	257	210	258	645	45	21	104	244	214	35
80	150,879	13,962	356,223	89,198	159,447	130,447	203,601	107,920	146,385	74,591	884,269	130,971	198,758
81	<i></i>												

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Lehigh.	Luzerna.	Lycoming.	McKean.	Mercer.	Miffln.	Monroe.	Montgomery.
1 Population.....	118,832	343,186	80,813	47,888	77,699	27,785	22,941	169,590
2 Population in 1900.....	<i>93,663</i>	<i>267,181</i>	<i>76,663</i>	<i>61,345</i>	<i>67,387</i>	<i>23,160</i>	<i>21,161</i>	<i>138,995</i>
3 Number of all farms.....	3,295	3,216	3,689	1,634	4,816	1,276	2,097	5,166
4 Number of all farms in 1900.....	<i>3,289</i>	<i>3,295</i>	<i>3,738</i>	<i>1,377</i>	<i>4,958</i>	<i>1,249</i>	<i>2,057</i>	<i>5,360</i>
5 Color and nativity of farmers:								
6 Native white.....	3,216	2,782	3,552	1,161	4,493	1,268	1,987	4,624
7 Foreign-born white.....	79	431	133	470	314	8	109	520
8 Negro and other nonwhites.....		3	4	3	9		1	22
9 Number of farms, classified by size:								
10 Under 3 acres.....	15	23	7	9	9	2	1	66
11 3 to 9 acres.....	389	238	192	85	277	108	132	690
12 10 to 19 acres.....	492	206	194	129	303	77	154	811
13 20 to 49 acres.....	832	695	524	354	785	150	390	1,515
14 50 to 99 acres.....	940	1,255	1,232	523	1,868	274	692	1,519
15 100 to 174 acres.....	558	615	1,112	347	1,288	417	536	481
16 175 to 259 acres.....	47	119	306	116	209	178	110	57
17 260 to 499 acres.....	19	47	95	55	73	61	60	21
18 500 to 999 acres.....	2	12	25	11	4	9	14	5
19 1,000 acres and over.....	1	6	1	5			8	1
<b>LAND AND FARM AREA</b>								
20 Approximate land area..... acres.....	220,160	570,880	780,800	631,680	448,000	254,720	308,720	300,760
21 Land in farms..... acres.....	191,657	299,488	358,209	159,150	389,208	143,719	204,077	251,751
22 Land in farms in 1900..... acres.....	<i>189,897</i>	<i>256,577</i>	<i>306,829</i>	<i>168,307</i>	<i>397,052</i>	<i>167,294</i>	<i>241,080</i>	<i>270,709</i>
23 Improved land in farms..... acres.....	165,662	137,778	206,547	66,527	272,169	94,469	97,298	222,636
24 Improved land in farms in 1900..... acres.....	<i>169,244</i>	<i>151,554</i>	<i>214,306</i>	<i>72,317</i>	<i>285,812</i>	<i>97,538</i>	<i>106,278</i>	<i>239,764</i>
25 Woodland in farms..... acres.....	18,206	79,433	129,807	61,616	42,473	92,999	19,315	10,315
26 Other unimproved land in farms..... acres.....	7,789	52,275	21,855	40,255	55,423	6,777	13,810	9,800
27 Per cent of land area in farms.....	87.1	47.2	45.9	25.2	86.9	56.4	51.2	81.3
28 Per cent of farm land improved.....	86.4	51.1	57.7	42.0	69.9	65.7	47.7	88.4
29 Average acres per farm.....	58.2	83.8	97.1	97.4	80.8	112.6	97.3	48.7
30 Average improved acres per farm.....	50.3	42.8	56.0	40.9	56.5	74.0	46.4	43.1
<b>VALUE OF FARM PROPERTY</b>								
31 All farm property..... dollars.....	21,164,188	15,162,294	17,280,014	6,342,664	21,900,154	7,333,465	7,449,972	49,223,307
32 All farm property in 1900..... dollars.....	<i>17,017,551</i>	<i>13,284,404</i>	<i>14,611,008</i>	<i>5,274,660</i>	<i>19,478,681</i>	<i>6,886,887</i>	<i>5,734,204</i>	<i>49,231,108</i>
33 Per cent increase, 1900-1910.....	24.4	10.8	18.3	20.3	12.4	22.5	20.9	10.1
34 Land..... dollars.....	9,801,693	7,718,184	7,956,411	2,887,618	10,440,359	3,831,029	2,568,408	27,626,883
35 Land in 1900..... dollars.....	<i>8,270,920</i>	<i>7,967,740</i>	<i>7,763,670</i>	<i>2,645,630</i>	<i>10,704,330</i>	<i>3,585,630</i>	<i>2,085,090</i>	<i>25,209,160</i>
36 Buildings..... dollars.....	7,830,265	4,842,230	5,997,489	2,260,713	6,983,845	2,096,265	3,469,434	15,319,631
37 Buildings in 1900..... dollars.....	<i>6,242,830</i>	<i>3,879,710</i>	<i>4,490,850</i>	<i>1,690,620</i>	<i>5,351,450</i>	<i>1,665,980</i>	<i>2,628,080</i>	<i>19,080,400</i>
38 Implements and machinery..... dollars.....	1,410,313	1,036,397	1,247,639	337,666	1,304,247	392,604	554,471	2,692,128
39 Implements, etc., in 1900..... dollars.....	<i>983,600</i>	<i>708,490</i>	<i>898,700</i>	<i>275,060</i>	<i>1,037,870</i>	<i>298,300</i>	<i>399,940</i>	<i>2,134,410</i>
40 Domestic animals, poultry, and bees..... dollars.....	2,115,917	1,565,483	2,078,475	850,667	3,171,703	1,013,567	857,659	3,584,765
41 Domestic animals, etc., in 1900..... dollars.....	<i>1,820,901</i>	<i>1,183,464</i>	<i>1,453,878</i>	<i>763,350</i>	<i>2,474,671</i>	<i>686,347</i>	<i>620,604</i>	<i>2,747,132</i>
42 Per cent of value of all property in—								
43 Land.....	46.3	50.9	46.0	45.5	47.7	52.2	34.5	56.1
44 Buildings.....	37.0	31.9	34.7	35.6	31.9	28.0	46.6	31.1
45 Implements and machinery.....	6.7	6.8	7.2	5.3	6.0	5.4	7.4	5.5
46 Domestic animals, poultry, and bees.....	10.0	10.3	12.0	13.5	14.5	13.8	11.5	7.3
47 Average values:								
48 All property per farm..... dollars.....	6,423	4,715	4,684	3,882	4,547	5,747	3,553	9,528
49 Land and buildings per farm..... dollars.....	5,351	3,906	3,783	3,151	3,618	4,045	2,879	8,313
50 Land per acre..... dollars.....	51.14	28.64	22.21	13.14	26.82	28.06	12.69	109.74
51 Land per acre in 1900..... dollars.....	<i>43.55</i>	<i>31.05</i>	<i>21.16</i>	<i>16.24</i>	<i>26.90</i>	<i>21.63</i>	<i>8.06</i>	<i>93.32</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>								
52 Farms reporting domestic animals.....	3,152	3,116	3,495	1,516	4,598	1,223	2,008	4,769
53 Value of domestic animals..... dollars.....	1,969,451	1,468,536	1,973,113	816,906	3,020,013	963,435	787,843	3,228,006
54 Cattle:								
55 Total number.....	18,053	16,062	24,709	14,324	35,710	10,744	10,936	31,111
56 Dairy cows.....	11,972	10,448	14,268	7,574	19,049	5,355	6,321	24,378
57 Other cows.....	1,064	902	1,064	1,180	2,682	847	890	1,017
58 Yearling heifers.....	1,407	1,771	2,676	1,609	4,201	1,440	1,285	1,758
59 Calves.....	2,051	2,194	3,368	3,028	5,144	1,099	1,788	2,797
60 Yearling steers and bulls.....	621	461	1,029	664	2,435	912	428	435
61 Other steers and bulls.....	878	286	1,104	263	2,299	491	224	728
62 Value..... dollars.....	650,105	403,985	612,639	370,321	973,927	260,318	259,027	1,296,707
63 Horses:								
64 Total number.....	8,723	6,558	9,181	3,046	14,054	4,116	4,084	13,734
65 Mature horses.....	8,369	6,310	8,653	2,826	12,709	3,715	3,892	13,473
66 Yearling colts.....	264	204	412	201	1,210	304	152	215
67 Spring colts.....	90	44	116	19	135	97	40	46
68 Value..... dollars.....	1,155,945	886,192	1,167,939	380,338	1,690,815	533,197	447,992	1,711,440
69 Mules:								
70 Total number.....	282	412	121	29	177	457	88	340
71 Mature mules.....	280	404	116	24	150	446	85	331
72 Yearling colts.....	2	8	5	2	27	10	3	9
73 Spring colts.....								
74 Value..... dollars.....	36,788	52,018	21,435	3,915	24,010	68,970	8,694	43,606
75 Asses and burros:								
76 Number.....					4	2	19	12
77 Value..... dollars.....					1,525	300	1,190	1,555
78 Swine:								
79 Total number.....	15,203	9,562	19,087	4,026	24,556	9,508	7,185	18,956
80 Mature hogs.....	11,448	5,644	13,215	2,185	14,026	6,114	4,963	13,599
81 Spring pigs.....	3,755	3,918	5,872	1,841	10,530	3,394	2,222	5,357
82 Value..... dollars.....	124,021	72,776	147,108	34,210	168,068	72,861	60,847	169,617
83 Sheep:								
84 Total number.....	543	2,934	5,812	4,769	37,705	5,706	2,413	2,485
85 Rams, ewes, and wethers.....	391	1,734	3,315	3,196	25,542	3,077	1,352	1,409
86 Spring lambs.....	152	1,200	2,497	1,573	12,163	2,629	1,061	1,076
87 Value..... dollars.....	2,576	12,807	23,656	22,089	167,207	27,728	10,018	14,638
88 Goats:								
89 Number.....	5	210	74	7	182	20	8	116
90 Value..... dollars.....	16	1,658	436	33	461	61	75	543
<b>POULTRY AND BEES</b>								
91 Number of poultry of all kinds.....	233,497	128,668	179,024	46,893	221,379	87,587	109,056	507,715
92 Value..... dollars.....	142,945	90,967	98,630	30,475	136,459	47,719	65,855	353,384
93 Number of colonies of bees.....	876	1,117	1,832	2,399	2,329	742	1,093	841
94 Value..... dollars.....	3,521	5,980	6,732	9,286	9,201	2,413	3,991	3,375

↑ Decrease.



AGRICULTURE—PENNSYLVANIA.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Montour.	Northampton.	Northumberland.	Perry.	Philadelphia.	Pike.	Potter.	Schuylkill.	Snyder.	Somerset.	Sullivan.	Susquehanna.	Tioga.
1	14,868	127,667	111,420	24,136	1,549,008	8,033	29,729	207,894	16,800	67,717	11,293	37,746	42,829
2	<i>15,536</i>	<i>99,637</i>	<i>90,311</i>	<i>26,293</i>	<i>1,295,697</i>	<i>8,766</i>	<i>30,621</i>	<i>172,927</i>	<i>17,304</i>	<i>49,461</i>	<i>12,134</i>	<i>40,048</i>	<i>49,086</i>
3	840	3,565	2,534	2,409	824	871	2,401	3,002	1,845	3,933	985	4,239	4,436
4	<i>848</i>	<i>5,238</i>	<i>2,604</i>	<i>2,286</i>	<i>1,072</i>	<i>899</i>	<i>2,454</i>	<i>3,011</i>	<i>1,854</i>	<i>3,782</i>	<i>879</i>	<i>4,876</i>	<i>4,829</i>
5	828	3,381	2,473	2,375	619	653	2,205	2,791	1,840	3,849	923	4,028	4,154
6	20	183	61	34	199	208	190	211	5	83	62	205	276
7	1	1	1	1	6	6	6	6	1	1	1	6	6
8	3	15	8	1	111	1	4	8	1	4	2	8	7
9	62	444	196	188	145	39	111	284	146	263	26	224	235
10	66	553	174	175	144	45	87	290	131	283	28	161	183
11	114	920	436	361	197	131	311	691	309	516	122	422	553
12	252	1,052	820	610	109	242	754	962	623	768	412	1,235	1,390
13	288	530	733	715	49	206	729	597	520	1,193	292	1,477	1,403
14	50	40	130	246	4	86	241	121	94	600	67	519	461
15	13	9	34	97	3	85	140	34	19	268	33	177	179
16	1	1	3	14	1	25	19	7	2	32	3	14	20
17	1	1	1	2	1	15	15	2	2	6	3	2	6
18	83,200	238,080	290,560	360,960	85,120	348,160	685,440	497,280	199,040	661,760	293,120	527,360	730,880
19	<i>74,540</i>	<i>192,651</i>	<i>211,583</i>	<i>250,118</i>	<i>30,488</i>	<i>173,481</i>	<i>271,217</i>	<i>216,348</i>	<i>151,922</i>	<i>475,258</i>	<i>96,216</i>	<i>472,428</i>	<i>475,471</i>
20	<i>75,971</i>	<i>191,378</i>	<i>214,214</i>	<i>257,732</i>	<i>39,092</i>	<i>180,282</i>	<i>267,723</i>	<i>225,434</i>	<i>153,955</i>	<i>515,395</i>	<i>99,355</i>	<i>490,026</i>	<i>469,874</i>
21	60,159	105,618	164,470	146,921	26,013	26,407	117,941	142,370	112,394	258,154	39,068	296,057	293,011
22	<i>60,048</i>	<i>166,820</i>	<i>161,620</i>	<i>31,978</i>	<i>30,662</i>	<i>124,871</i>	<i>141,195</i>	<i>111,828</i>	<i>278,670</i>	<i>59,670</i>	<i>328,070</i>	<i>291,363</i>	<i>291,363</i>
23	12,223	18,279	41,086	95,124	2,050	137,559	71,720	59,673	36,235	160,560	31,751	116,947	107,642
24	<i>2,158</i>	<i>8,754</i>	<i>6,027</i>	<i>8,073</i>	<i>2,425</i>	<i>9,515</i>	<i>14,005</i>	<i>3,293</i>	<i>56,544</i>	<i>25,397</i>	<i>60,324</i>	<i>74,817</i>	<i>74,817</i>
25	89.6	89.9	72.8	69.3	35.8	49.8	39.6	43.5	76.3	71.8	32.8	89.6	65.1
26	80.7	86.0	77.7	58.7	85.3	15.2	43.5	65.8	74.0	54.3	40.6	62.7	61.6
27	87.8	54.0	83.5	103.8	37.0	199.2	113.0	72.1	82.3	120.8	97.7	111.4	107.2
28	70.9	46.5	64.9	61.0	31.6	30.3	49.1	47.4	60.9	65.6	39.7	69.8	66.1
29	4,063,790	18,314,227	12,650,095	8,321,164	28,705,885	4,676,309	7,839,716	12,804,002	7,154,465	22,783,194	2,998,774	17,098,791	19,026,582
30	<i>3,897,343</i>	<i>15,729,492</i>	<i>10,661,301</i>	<i>7,050,479</i>	<i>26,444,620</i>	<i>2,821,851</i>	<i>7,094,555</i>	<i>10,299,028</i>	<i>6,053,096</i>	<i>15,520,159</i>	<i>2,726,701</i>	<i>14,842,171</i>	<i>10,613,018</i>
31	5.1	16.4	18.7	18.0	8.6	65.7	10.5	24.7	18.2	46.8	10.0	15.2	14.5
32	1,558,202	6,991,817	5,392,375	3,511,004	24,248,105	2,353,630	3,366,222	5,415,085	3,520,544	12,170,777	1,113,359	6,213,198	7,907,250
33	<i>2,089,390</i>	<i>7,006,010</i>	<i>5,479,105</i>	<i>3,567,880</i>	<i>21,418,180</i>	<i>1,811,640</i>	<i>2,596,000</i>	<i>4,023,340</i>	<i>3,303,610</i>	<i>8,732,410</i>	<i>1,224,320</i>	<i>6,548,760</i>	<i>8,455,250</i>
34	1,611,916	7,801,316	4,757,393	2,887,343	3,397,280	1,778,675	2,683,695	4,907,631	2,161,439	6,983,087	1,161,207	6,442,942	6,814,590
35	<i>1,139,760</i>	<i>6,399,840</i>	<i>3,580,670</i>	<i>2,259,740</i>	<i>4,008,860</i>	<i>1,081,740</i>	<i>2,029,000</i>	<i>3,691,970</i>	<i>1,778,260</i>	<i>4,181,830</i>	<i>914,000</i>	<i>5,004,360</i>	<i>4,871,660</i>
36	332,123	1,420,842	952,043	562,187	640,609	221,826	534,546	1,060,222	454,805	1,229,653	232,221	1,220,898	1,365,081
37	<i>246,770</i>	<i>919,510</i>	<i>616,780</i>	<i>402,880</i>	<i>537,650</i>	<i>154,280</i>	<i>417,770</i>	<i>650,060</i>	<i>345,680</i>	<i>702,930</i>	<i>176,140</i>	<i>873,610</i>	<i>1,082,800</i>
38	561,550	2,100,252	1,547,684	1,360,630	519,991	322,178	1,255,253	1,421,064	1,011,677	2,399,677	491,987	3,221,753	2,939,061
39	<i>597,463</i>	<i>1,404,632</i>	<i>874,766</i>	<i>340,589</i>	<i>480,080</i>	<i>274,221</i>	<i>1,051,786</i>	<i>1,008,666</i>	<i>685,566</i>	<i>1,812,969</i>	<i>411,651</i>	<i>2,415,451</i>	<i>2,143,006</i>
40	38.3	38.2	42.6	42.2	84.5	50.3	42.9	42.3	49.3	53.4	37.1	36.3	41.6
41	39.7	42.6	37.6	34.7	11.8	38.0	34.2	38.3	30.2	30.7	38.7	37.7	35.8
42	8.2	7.8	7.5	6.8	1.9	6.7	6.8	8.3	6.4	5.4	7.7	7.1	7.2
43	13.8	11.5	12.2	16.4	1.8	4.9	16.0	11.1	14.1	10.5	16.4	18.8	15.4
44	4,787	5,137	4,992	3,454	34,837	5,369	3,265	4,265	3,878	5,793	3,044	4,034	4,289
45	3,734	4,150	4,005	2,656	33,550	4,744	2,520	3,439	3,083	4,870	2,309	2,986	3,319
46	20.90	36.29	25.49	14.04	795.33	13.57	12.41	25.03	23.21	25.61	11.57	13.15	16.63
47	<i>27.80</i>	<i>36.81</i>	<i>25.58</i>	<i>13.84</i>	<i>594.91</i>	<i>10.03</i>	<i>15.58</i>	<i>22.03</i>	<i>21.45</i>	<i>17.01</i>	<i>12.20</i>	<i>15.56</i>	<i>18.80</i>
48	815	3,443	2,417	2,234	659	824	2,220	2,797	1,755	3,793	950	13,966	4,143
49	<i>532,009</i>	<i>1,949,055</i>	<i>1,443,434</i>	<i>1,209,659</i>	<i>483,956</i>	<i>298,163</i>	<i>1,200,318</i>	<i>1,312,582</i>	<i>939,400</i>	<i>2,295,993</i>	<i>463,105</i>	<i>3,052,692</i>	<i>2,830,705</i>
50	5,782	19,442	14,383	14,069	3,524	4,827	20,014	14,746	10,364	34,338	8,645	55,497	59,942
51	<i>3,690</i>	<i>13,813</i>	<i>9,327</i>	<i>6,978</i>	<i>2,510</i>	<i>2,689</i>	<i>10,928</i>	<i>9,068</i>	<i>5,661</i>	<i>14,725</i>	<i>4,077</i>	<i>33,742</i>	<i>29,595</i>
52	261	1,005	1,049	1,049	174	196	880	796	863	2,694	464	3,057	2,310
53	708	1,005	1,578	1,989	318	520	2,545	1,952	1,360	4,290	945	6,413	5,063
54	638	2,739	1,037	2,072	454	795	4,631	1,877	1,443	6,701	1,722	9,870	11,555
55	310	372	420	1,308	27	192	1,087	775	3,481	853	1,520	1,667	1,667
56	205	516	420	1,183	41	135	443	297	292	2,447	594	695	762
57	150,273	650,328	382,051	361,472	140,367	112,832	523,833	397,903	235,540	814,293	189,608	1,671,327	1,378,647
58	2,781	8,634	6,805	5,584	2,233	1,343	5,109	5,912	4,858	9,986	1,871	9,732	10,688
59	2,595	8,206	6,465	5,148	2,217	1,310	4,772	5,737	4,433	9,063	1,762	9,089	9,908
60	153	333	258	339	12	31	302	135	283	728	93	572	675
61	33	93	82	97	4	2	35	40	142	195	16	71	105
62	334,452	1,132,998	837,329	658,580	290,877	158,260	569,840	697,009	579,785	1,287,506	223,253	1,174,076	1,214,183
63	47	113	818	946	43	52	39	1,046	305	90	11	93	58
64	46	109	811	930	43	52	34	1,046	300	89	10	83	53
65	1	4	7	12	4	3	2	3	5	1	1	10	4
66	5,360	18,585	112,689	142,025	4,700	6,450	4,138	184,311	43,598	9,767	1,070	9,512	7,805
67	2	1	8	3	2	2	2	1	1	1	1	5	8
68	60	600	2,600	125	100	900	800	20	25	25	25	925	1,350
69	5,373	18,463	13,303	10,725	6,737	1,751	5,109	9,521	8,572	17,554	2,834	13,185	11,151
70	3,465	12,680	9,174	7,235	4,912	1,102	3,355	7,705	5,479	11,510	1,771	6,003	6,625
71	1,908	5,777	4,129	3,490	1,825	649	1,754	1,810	3,093	6,844	1,063	7,182	4,528
72	35,823	140,726	105,011	85,584	47,003	14,622	44,287	80,844	76,770	128,221	21,692	106,431	95,868
73	653	1,610	1,114	4,275	136	1,335	12,521	382	699	14,499	6,655	10,860	27,880
74	340	864	602	2,163	69	792	8,493	214	438	8,755	3,712	10,296	10,948
75	313	746	512	2,112	67	643	4,028	168	261	5,744	2,943	6,664	10,932
76	3,084	8,218	5,462	19,355	760	5,654	57,615	1,842	2,883	55,142	27,442	90,279	132,638
77	5	30	33	8	29	53	20	11	4	49	4	50	54
78	17	140	282	43	124	245	295	73	24	144	15	142	214
79	52,334	247,145	170,741	168,013	45,088	36,505	61,420	171,917	136,396	179,611	35,611	190,361	156,855
80	<i>28,657</i>	<i>147,745</i>	<i>100,701</i>	<i>86,649</i>	<i>35,557</i>	<i>23,706</i>	<i>32,531</i>	<i>105,420</i>	<i>69,856</i>	<i>93,173</i>	<i>21,588</i>	<i>162,591</i>	<i>88,575</i>
81	234	974	1,012	1,558	62	72	5,044						

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

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

	Union.	Venango.	Warren.	Washington.	Wayne.	Westmoreland.	Wyoming.	York.
1 Population.....	16,249	56,359	39,573	143,680	29,236	231,304	15,509	136,405
2 <i>Population in 1900.....</i>	<i>17,692</i>	<i>49,648</i>	<i>38,946</i>	<i>92,181</i>	<i>30,171</i>	<i>160,176</i>	<i>17,152</i>	<i>116,413</i>
3 Number of all farms.....	1,455	2,793	2,820	4,733	3,440	5,512	1,756	8,460
4 <i>Number of all farms in 1900.....</i>	<i>1,621</i>	<i>3,273</i>	<i>3,238</i>	<i>4,742</i>	<i>3,668</i>	<i>5,402</i>	<i>1,752</i>	<i>8,091</i>
<b>Color and nativity of farmers:</b>								
5 Native white.....	1,448	2,679	2,134	4,354	2,963	4,889	1,686	8,345
6 Foreign-born white.....	6	112	684	300	486	615	69	77
7 Negro and other nonwhite.....	1	2	2	.....	.....	8	1	38
<b>Number of farms, classified by size:</b>								
8 Under 3 acres.....	1	6	11	15	6	16	1	21
9 3 to 9 acres.....	130	114	132	427	174	448	121	982
10 10 to 19 acres.....	135	127	127	205	153	441	100	1,096
11 20 to 49 acres.....	302	490	599	554	486	892	236	2,134
12 50 to 99 acres.....	455	1,058	996	1,063	1,101	1,574	565	2,251
13 100 to 174 acres.....	358	750	678	1,582	1,023	1,633	510	1,662
14 175 to 259 acres.....	57	139	196	578	332	388	158	264
15 260 to 499 acres.....	14	51	64	202	147	106	60	48
16 500 to 999 acres.....	3	6	11	17	16	10	5	.....
17 1,000 acres and over.....	.....	3	6	.....	11	4	.....	2
<b>LAND AND FARM AREA</b>								
18 Approximate land area..... acres.	195,200	423,040	577,280	551,680	472,960	664,960	254,080	577,920
19 Land in farms..... acres.	108,790	246,367	254,321	503,923	375,557	493,491	169,031	532,017
20 <i>Land in farms in 1900.....</i>	<i>113,412</i>	<i>277,378</i>	<i>276,662</i>	<i>526,701</i>	<i>386,536</i>	<i>515,729</i>	<i>163,780</i>	<i>619,354</i>
21 Improved land in farms..... acres.	88,973	145,813	112,025	432,001	123,486	369,635	107,423	433,483
22 <i>Improved land in farms in 1900.....</i>	<i>88,177</i>	<i>169,810</i>	<i>151,645</i>	<i>451,705</i>	<i>148,455</i>	<i>397,585</i>	<i>109,484</i>	<i>421,897</i>
23 Woodland in farms..... acres.	18,843	73,261	95,182	47,251	123,304	91,018	43,733	84,415
24 Other unimproved land in farms..... acres.	2,969	27,293	47,114	24,671	129,767	32,888	17,875	14,119
25 Per cent of land area in farms.....	55.7	58.2	44.1	91.3	79.4	74.2	66.5	92.1
26 Per cent of farm land improved.....	79.9	59.2	44.0	65.7	32.9	74.9	63.6	81.5
27 Average acres per farm.....	74.8	88.2	90.2	106.5	108.9	59.5	96.3	62.9
28 Average improved acres per farm.....	59.8	52.2	39.7	91.3	35.8	67.1	61.2	51.2
<b>VALUE OF FARM PROPERTY</b>								
29 All farm property..... dollars.	7,725,296	10,264,622	8,773,529	41,650,379	11,537,272	37,591,905	6,870,065	38,488,570
30 <i>All farm property in 1900.....</i>	<i>6,711,364</i>	<i>9,831,713</i>	<i>8,233,793</i>	<i>39,108,835</i>	<i>10,897,683</i>	<i>33,631,639</i>	<i>6,124,999</i>	<i>31,120,969</i>
31 Per cent increase, 1900-1910.....	15.1	4.4	6.5	6.5	5.9	12.1	12.2	23.7
32 Land..... dollars.	3,552,036	4,830,416	3,541,506	24,205,593	4,333,837	20,739,018	2,845,170	15,066,374
33 <i>Land in 1900.....</i>	<i>3,692,470</i>	<i>5,283,440</i>	<i>3,943,340</i>	<i>25,935,300</i>	<i>4,991,810</i>	<i>20,786,820</i>	<i>3,091,500</i>	<i>14,571,770</i>
34 Buildings..... dollars.	2,672,404	3,503,545	3,133,852	11,537,252	4,375,480	11,532,863	2,607,746	14,425,080
35 <i>Buildings in 1900.....</i>	<i>2,634,310</i>	<i>2,800,370</i>	<i>2,512,100</i>	<i>8,600,770</i>	<i>3,602,450</i>	<i>8,627,570</i>	<i>1,991,850</i>	<i>11,250,050</i>
36 Implements and machinery..... dollars.	507,733	643,898	618,248	1,381,906	773,713	1,638,877	433,757	2,535,764
37 <i>Implements, etc., in 1900.....</i>	<i>360,940</i>	<i>539,100</i>	<i>475,810</i>	<i>1,150,120</i>	<i>638,990</i>	<i>1,349,530</i>	<i>323,970</i>	<i>1,721,560</i>
38 Domestic animals, poultry, and bees..... dollars.	993,123	1,286,763	1,479,923	4,525,628	2,054,242	3,680,247	983,892	5,561,412
39 <i>Domestic animals, etc., in 1900.....</i>	<i>623,244</i>	<i>1,157,803</i>	<i>1,304,483</i>	<i>3,622,645</i>	<i>1,664,623</i>	<i>2,807,610</i>	<i>742,879</i>	<i>3,677,686</i>
40 Per cent of value of all property in—								
41 Land.....	46.0	47.1	40.4	58.1	37.6	55.2	41.4	41.5
42 Buildings.....	34.6	34.1	35.7	27.7	37.9	30.7	38.0	37.5
43 Implements and machinery.....	6.6	6.3	7.0	3.3	6.7	4.4	6.3	6.6
44 Domestic animals, poultry, and bees.....	12.9	12.5	16.9	10.9	17.8	9.8	14.3	14.4
<b>Average values:</b>								
45 All property per farm..... dollars.	5,309	3,675	3,111	8,800	3,345	6,820	3,912	4,549
46 Land and buildings per farm..... dollars.	4,278	2,954	2,367	7,552	2,525	5,855	3,105	3,592
47 Land per acre..... dollars.	32.65	19.61	13.93	48.03	11.54	42.03	16.83	30.01
48 <i>Land per acre in 1900.....</i>	<i>19.05</i>	<i>14.26</i>	<i>14.26</i>	<i>49.24</i>	<i>12.91</i>	<i>40.81</i>	<i>18.32</i>	<i>28.06</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>								
49 Farms reporting domestic animals.....	1,397	2,673	2,637	4,553	3,240	5,164	1,627	8,101
50 Value of domestic animals..... dollars.	929,110	1,233,119	1,414,063	4,337,591	1,951,185	3,483,398	923,455	5,167,986
<b>Cattle:</b>								
51 Total number.....	11,072	15,292	26,023	42,918	37,147	36,209	14,156	45,743
52 Dairy cows.....	6,724	8,705	14,346	22,961	22,352	20,743	9,131	28,076
53 Other cows.....	708	994	979	4,528	1,896	3,171	692	2,968
54 Yearling heifers.....	1,143	1,969	3,265	5,337	4,195	4,282	1,770	3,922
55 Calves.....	1,526	2,126	5,787	4,771	6,737	4,754	1,954	5,147
56 Yearling steers and bulls.....	572	1,030	1,278	2,392	1,215	1,817	611	2,718
57 Other steers and bulls.....	399	468	368	2,929	752	1,442	198	2,912
58 Value..... dollars.	317,783	378,143	699,164	1,865,479	1,001,876	1,070,799	420,617	1,439,320
<b>Horses:</b>								
59 Total number.....	4,235	6,285	5,387	15,596	7,041	15,474	3,499	16,680
60 Mature horses.....	3,982	5,977	5,042	14,471	6,540	13,876	3,287	15,723
61 Yearling colts.....	196	281	336	952	450	1,247	176	752
62 Spring colts.....	57	27	9	173	51	351	30	205
63 Value..... dollars.	520,943	718,218	618,825	1,900,629	827,829	2,031,723	428,671	2,050,523
<b>Mules:</b>								
64 Total number.....	190	43	12	236	84	886	76	8,156
65 Mature mules.....	189	41	12	216	78	860	75	7,830
66 Yearling colts.....	1	2	.....	19	6	16	1	318
67 Value..... dollars.	26,442	5,580	980	30,605	9,350	123,206	7,280	1,260,070
<b>Asses and burros:</b>								
68 Number.....	2	1	3	8	3	4	1	13
69 Value..... dollars.	300	75	500	1,250	675	1,240	25	1,335
<b>Swine:</b>								
70 Total number.....	8,362	9,937	7,391	27,025	8,291	24,978	4,350	48,073
71 Mature hogs.....	5,710	5,672	3,490	14,752	4,464	15,434	1,952	39,687
72 Spring pigs.....	2,652	4,265	3,901	12,273	3,827	9,544	2,398	14,886
73 Value..... dollars.	58,574	73,068	62,356	213,667	68,911	194,220	35,318	395,119
<b>Sheep:</b>								
74 Total number.....	1,061	11,676	7,147	196,005	8,612	14,764	6,475	4,120
75 Rams, ewes, and wethers.....	573	8,081	4,579	171,597	5,091	8,551	3,733	2,245
76 Spring lambs.....	488	3,595	2,568	24,408	3,521	6,213	2,742	1,875
77 Value..... dollars.	5,067	47,911	32,074	845,827	42,191	61,922	31,477	21,323
<b>Goats:</b>								
78 Number.....	2	36	34	48	69	69	26	108
79 Value..... dollars.	1	134	164	134	353	288	157	296
<b>POULTRY AND BEES</b>								
80 Number of poultry of all kinds.....	98,644	102,546	95,756	208,148	136,613	286,327	70,650	693,489
81 Value..... dollars.	63,189	56,062	58,015	162,216	87,785	190,126	53,670	385,817
82 Number of colonies of bees.....	233	1,600	1,780	1,636	3,261	1,719	1,705	2,970
83 Value..... dollars.	824	7,582	7,845	5,821	15,272	6,723	6,267	7,609

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.	Allegheny.	Armstrong.	Beaver.	Bedford.	
<b>FARMS OPERATED BY OWNERS</b>							
1	Number of farms.....	164,229	2,489	3,288	3,211	1,859	2,884
2	Number of farms in 1900.....	<i>162,279</i>	<i>2,097</i>	<i>5,604</i>	<i>8,552</i>	<i>1,832</i>	<i>2,732</i>
3	Per cent of all farms.....	74.9	66.3	66.0	78.1	73.6	79.5
4	Per cent of all farms in 1900.....	<i>72.4</i>	<i>62.9</i>	<i>64.8</i>	<i>77.4</i>	<i>72.8</i>	<i>76.4</i>
5	Land in farms..... acres.....	12,895,522	148,359	185,161	258,833	161,395	355,825
6	Improved land in farms..... acres.....	8,576,391	116,643	151,445	195,851	124,812	197,218
7	Value of land and buildings..... dollars.....	663,390,956	7,322,281	32,537,800	13,156,235	9,860,671	7,949,737
<b>Degree of ownership:</b>							
8	Farms consisting of owned land only.....	154,088	2,374	3,071	2,948	1,715	2,705
9	Farms consisting of owned and hired land.....	10,141	115	217	263	144	179
<b>Color and nativity of owners:</b>							
10	Native white.....	152,743	2,478	2,633	3,104	1,682	2,857
11	Foreign-born white.....	11,145	10	651	106	173	21
12	Negro and other nonwhite.....	341	1	4	1	4	6
<b>FARMS OPERATED BY TENANTS</b>							
13	Number of farms.....	51,105	1,170	1,550	860	636	723
14	Number of farms in 1900.....	<i>58,209</i>	<i>1,168</i>	<i>1,887</i>	<i>399</i>	<i>685</i>	<i>814</i>
15	Per cent of all farms.....	23.3	31.2	31.1	20.9	25.2	19.9
16	Per cent of all farms in 1900.....	<i>26.0</i>	<i>35.0</i>	<i>35.9</i>	<i>21.4</i>	<i>26.8</i>	<i>22.5</i>
17	Land in farms..... acres.....	5,043,042	120,896	110,766	90,423	64,128	105,989
18	Improved land in farms..... acres.....	3,725,274	100,173	84,269	66,523	45,553	65,255
19	Value of land and buildings..... dollars.....	315,728,496	5,191,639	19,830,839	4,216,255	3,784,095	2,817,917
<b>Form of tenancy:</b>							
20	Share tenants.....	27,951	939	79	398	130	552
21	Share-cash tenants.....	1,042	24	16	15	19	10
22	Cash tenants.....	18,940	195	1,098	420	447	96
23	Tenure not specified.....	3,172	12	357	27	40	65
<b>Color and nativity of tenants:</b>							
24	Native white.....	48,504	1,166	1,032	534	553	721
25	Foreign-born white.....	2,427	3	507	25	76	1
26	Negro and other nonwhite.....	174	1	11	1	7	1
<b>FARMS OPERATED BY MANAGERS</b>							
27	Number of farms.....	3,961	93	147	41	30	20
28	Number of farms in 1900.....	<i>3,703</i>	<i>71</i>	<i>74</i>	<i>51</i>	<i>35</i>	<i>59</i>
29	Land in farms..... acres.....	648,268	12,603	12,415	5,987	4,265	4,122
30	Improved land in farms..... acres.....	371,954	10,863	9,006	4,202	3,061	2,341
31	Value of land and buildings..... dollars.....	61,949,303	717,825	5,920,155	837,424	487,800	110,300
<b>MORTGAGE DEBT REPORTS</b>							
<b>For all farms operated by owners:</b>							
32	Number free from mortgage debt.....	112,156	1,573	2,596	2,854	1,965	2,205
33	Number with mortgage debt.....	50,699	906	732	342	480	682
34	Number with no mortgage report.....	1,374	10	60	15	14	17
<b>For farms consisting of owned land only:</b>							
35	Number reporting debt and amount.....	44,999	835	620	293	417	591
36	Value of their land and buildings..... dollars.....	176,168,359	2,502,906	5,503,107	1,137,523	2,220,773	1,610,168
37	Amount of mortgage debt..... dollars.....	61,539,433	924,837	1,381,480	297,177	672,370	503,507
38	Per cent of value of land and buildings.....	34.9	37.0	25.1	26.1	30.3	31.3

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

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

<b>LIVE STOCK PRODUCTS</b>							
<b>Dairy Products</b>							
1	Dairy cows on farms reporting dairy products..... number..	891,186	13,858	16,698	11,493	9,309	12,673
2	Dairy cows on farms reporting milk produced..... number..	762,495	11,749	15,650	10,774	8,018	11,450
3	Milk—Produced..... gallons.....	336,208,572	4,361,261	7,626,913	4,278,854	3,308,650	4,177,123
4	Sold..... gallons.....	169,420,361	1,467,344	5,233,778	460,818	1,288,407	204,077
5	Cream sold..... gallons.....	1,160,037	3,437	12,582	9,079	870	28,716
6	Butter fat sold..... pounds.....	7,524,454	15,149	.....	2,185	.....	60,666
7	Butter—Produced..... pounds.....	61,158,115	1,192,449	938,910	1,354,196	744,420	1,432,412
8	Sold..... pounds.....	43,195,105	963,918	554,956	840,354	543,367	1,050,856
9	Cheese—Produced..... pounds.....	1,442,676	644	44,461	375	5,555	360
10	Sold..... pounds.....	1,375,919	640	43,288	345	5,055	.....
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	42,808,802	443,439	1,437,328	423,768	460,968	371,013
12	Receipts from sale of dairy products..... dollars.....	38,363,882	395,392	1,329,048	303,851	408,453	292,675
<b>Poultry Products</b>							
13	Poultry—Raised..... number.....	16,533,631	428,275	354,188	224,998	151,327	230,242
14	Sold..... number.....	8,046,401	217,955	152,614	102,446	79,525	129,188
15	Eggs—Produced..... dozens.....	70,902,850	2,069,751	1,259,519	1,187,717	574,382	1,150,792
16	Sold..... dozens.....	52,446,077	1,844,062	678,146	790,734	393,572	874,594
17	Value of poultry and eggs produced..... dollars.....	24,430,813	628,734	553,742	351,628	223,799	320,784
18	Receipts from sale of poultry and eggs..... dollars.....	16,192,756	488,566	284,727	215,887	143,192	231,507
<b>Honey and Wax</b>							
19	Honey produced..... pounds.....	1,840,360	24,779	4,876	29,370	3,797	41,205
20	Wax produced..... pounds.....	21,823	229	38	209	22	521
21	Value of honey and wax produced..... dollars.....	262,804	3,436	970	5,276	702	5,439
<b>Wool, Mohair, and Goat Hair</b>							
22	Wool, fleeces shorn..... number.....	610,798	3,220	3,606	7,311	15,231	11,996
23	Mohair and goat hair, fleeces shorn..... number.....	1,017	.....	.....	39	7	21
24	Value of wool and mohair produced..... dollars.....	1,202,623	6,250	6,724	11,064	34,045	17,054
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>							
25	Calves—Sold or slaughtered..... number.....	538,599	8,716	7,060	5,932	5,366	5,570
26	Other cattle—Sold or slaughtered..... number.....	457,192	6,024	4,575	6,656	2,768	8,072
27	Horses, mules, and asses and burros—Sold..... number.....	65,245	1,161	610	906	557	1,230
28	Swine—Sold or slaughtered..... number.....	1,255,075	29,069	11,856	24,921	10,365	25,773
29	Sheep and goats—Sold or slaughtered..... number.....	349,701	2,224	1,357	5,349	3,778	19,192
30	Receipts from sale of animals..... dollars.....	29,592,251	492,759	293,885	372,895	205,829	489,190
31	Value of animals slaughtered..... dollars.....	15,712,856	361,160	190,363	264,377	136,857	344,200

AGRICULTURE—PENNSYLVANIA.

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

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

	Berks.	Blair.	Bradford.	Bucks.	Butler.	Cambria.	Cameron.	Carbon.
<b>FARMS OPERATED BY OWNERS</b>								
1	4,405	1,292	4,703	4,501	4,067	2,329	276	834
2	<i>4,496</i>	<i>1,101</i>	<i>5,161</i>	<i>4,967</i>	<i>4,209</i>	<i>2,183</i>	<i>590</i>	<i>879</i>
3	63.4	60.3	80.8	74.8	80.1	84.4	84.1	89.1
4	<i>61.0</i>	<i>65.8</i>	<i>77.1</i>	<i>69.1</i>	<i>78.7</i>	<i>82.7</i>	<i>85.5</i>	<i>84.4</i>
5	235,255	105,697	484,848	239,783	316,903	187,232	26,933	74,792
6	190,268	65,809	356,379	201,998	241,157	107,998	8,317	34,694
7	15,420,522	5,255,251	14,130,719	20,583,398	17,963,109	9,517,705	467,055	2,306,299
<b>Degree of ownership:</b>								
8	4,217	1,202	4,101	4,293	3,676	2,202	273	813
9	188	90	602	208	391	127	3	21
<b>Color and nativity of owners:</b>								
10	4,330	1,227	4,568	3,920	3,805	2,039	239	755
11	72	65	133	571	261	288	37	79
12	3	2	2	10	1	2		
<b>FARMS OPERATED BY TENANTS</b>								
13	2,396	519	1,090	1,375	925	406	36	72
14	<i>2,761</i>	<i>674</i>	<i>1,477</i>	<i>1,791</i>	<i>1,071</i>	<i>405</i>	<i>60</i>	<i>124</i>
15	34.5	27.8	18.7	22.8	18.2	14.7	11.0	7.7
16	<i>37.5</i>	<i>55.3</i>	<i>22.1</i>	<i>28.4</i>	<i>20.0</i>	<i>15.8</i>	<i>12.0</i>	<i>11.0</i>
17	203,111	63,231	134,652	99,241	85,240	36,910	3,741	12,910
18	176,782	46,679	90,435	84,324	60,911	20,616	1,200	2,980
19	12,443,287	3,121,315	3,731,520	8,065,443	4,499,550	1,969,107	64,560	213,096
<b>Form of tenancy:</b>								
20	1,464	351	687	455	279	132	2	5
21	30	7	35	31	18	5		1
22	835	127	343	838	595	217	10	63
23	67	34	25	51	33	52	24	3
<b>Color and nativity of tenants:</b>								
24	2,382	518	1,082	1,275	857	373	36	72
25	13	1	6	94	66	33		
26	1		2	6	2			
<b>FARMS OPERATED BY MANAGERS</b>								
27	152	54	31	144	83	26	16	30
28	<i>128</i>	<i>51</i>	<i>51</i>	<i>154</i>	<i>70</i>	<i>58</i>	<i>7</i>	<i>59</i>
29	20,084	7,585	3,803	13,904	11,018	3,862	4,074	8,601
30	14,546	5,481	2,823	11,804	7,971	1,796	1,852	2,413
31	1,420,867	718,900	189,560	2,452,721	1,078,300	480,280	82,900	299,980
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
<b>For all farms operated by owners:</b>								
32	2,529	877	3,009	1,948	3,314	1,915	206	480
33	1,839	399	1,671	2,515	722	408	70	353
34	37	16	23	38	31	6		1
<b>For farms consisting of owned land only:</b>								
35	1,639	360	1,364	2,278	621	352	65	333
36	5,486,575	1,508,248	3,788,457	9,073,219	2,758,850	1,573,535	125,727	870,845
37	2,231,949	472,323	1,407,878	4,124,690	794,180	404,770	38,930	335,603
38	40.7	31.3	37.2	41.4	28.8	25.7	31.0	33.5

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD

<b>LIVE STOCK PRODUCTS</b>								
<b>Dairy Products</b>								
1	32,359	7,580	39,473	23,887	15,889	8,017	766	2,608
2	27,854	7,224	26,523	21,167	14,137	7,676	707	2,576
3	13,070,155	3,348,942	12,942,219	11,044,861	5,813,700	2,086,341	328,431	1,025,000
4	9,050,165	1,521,172	4,818,475	9,454,834	1,210,218	769,746	61,217	439,744
5	3,748	10,690	113,375	35,443	4,036	9,013	612	1,393
6	191,397		2,289,641	425,048	11,469			
7	1,329,168	580,197	2,334,168	668,700	1,754,894	740,178	76,074	194,668
8	1,112,820	377,587	1,928,588	533,398	1,163,914	421,960	37,896	133,826
9	42,015	2,436	85,975	10,759	295	4,434	240	4,662
10	41,933	1,519	81,357	10,205	215	2,954	20	4,182
11	1,057,113	395,645	1,840,038	1,771,317	651,745	411,441	35,731	144,850
12	1,596,175	344,131	1,734,021	1,727,235	511,757	325,998	24,628	127,609
<b>Poultry Products</b>								
13	717,863	138,191	337,409	723,430	303,305	125,134	17,745	68,780
14	303,639	58,431	184,880	427,721	151,480	63,616	6,724	29,062
15	3,220,370	471,099	1,819,041	2,647,207	1,521,953	638,521	61,609	328,790
16	2,684,007	295,074	1,405,004	2,142,194	1,036,341	357,254	30,180	244,925
17	1,071,394	170,226	597,127	1,161,119	465,234	222,795	24,071	112,847
18	754,518	94,369	428,751	833,928	300,185	118,674	11,133	72,907
<b>Honey and Wax</b>								
19	31,242	12,201	66,692	18,241	35,708	40,905	7,432	7,431
20	289	180	1,159	287	154	900	117	139
21	5,244	2,410	7,732	2,766	6,226	6,412	808	1,051
<b>Wool, Mohair, and Goat Hair</b>								
22	437	3,437	12,872	1,052	13,341	2,508	266	34
23	9	63	24	4	64		19	
24	945	5,855	22,213	1,789	23,105	3,395	442	45
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25	25,315	4,100	29,233	13,099	9,290	4,032	298	1,395
26	17,074	4,308	16,188	17,307	8,014	3,684	481	728
27	2,861	865	957	1,584	1,476	801	30	150
28	46,556	11,706	31,246	33,705	27,481	10,026	563	3,347
29	271	2,397	11,851	589	9,761	1,937	90	40
30	1,030,689	334,587	827,734	707,296	597,146	268,156	9,983	42,916
31	781,489	152,003	261,847	472,344	375,103	147,691	14,070	57,444

AGRICULTURE—PENNSYLVANIA.

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

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

	Center.	Chester.	Clarion.	Clearfield.	Clinton.	Columbia.	Crawford.	Cumberland.	Dauphin.	Delaware.	Elk.	Erie.
1	1,632	3,921	2,563	3,218	884	2,099	6,079	1,624	1,658	827	980	4,315
2	<i>1,567</i>	<i>3,929</i>	<i>2,618</i>	<i>2,906</i>	<i>871</i>	<i>1,996</i>	<i>6,686</i>	<i>1,578</i>	<i>1,660</i>	<i>906</i>	<i>897</i>	<i>4,440</i>
3	62.6	69.2	83.1	88.4	69.7	75.6	85.4	53.4	61.8	57.9	91.3	78.3
4	<i>63.4</i>	<i>63.4</i>	<i>82.0</i>	<i>84.2</i>	<i>71.3</i>	<i>72.3</i>	<i>84.7</i>	<i>61.5</i>	<i>53.4</i>	<i>54.0</i>	<i>90.1</i>	<i>74.5</i>
5	151,064	257,396	211,031	224,419	76,428	161,772	481,696	107,703	108,125	40,656	64,350	327,174
6	89,901	215,212	144,043	134,098	38,732	112,182	313,575	87,781	83,822	33,448	30,236	213,352
7	5,286,794	23,595,893	8,358,811	8,840,544	2,500,304	5,843,415	19,689,440	6,519,813	5,889,452	9,269,221	2,614,905	18,842,621
8	1,570	3,808	2,364	3,048	820	1,982	5,639	1,571	1,600	796	944	3,630
9	62	113	199	170	64	117	440	53	58	31	30	285
10	1,502	3,620	2,467	2,650	834	2,005	5,800	1,609	1,605	722	615	3,637
11	120	217	96	567	44	93	279	12	94	94	265	475
12	1	84	.....	1	6	1	.....	3	50	11	.....	3
13	928	1,569	486	385	353	633	969	1,380	938	507	78	1,099
14	<i>899</i>	<i>2,076</i>	<i>538</i>	<i>511</i>	<i>502</i>	<i>739</i>	<i>1,149</i>	<i>1,461</i>	<i>1,102</i>	<i>637</i>	<i>85</i>	<i>1,444</i>
15	35.6	27.7	15.8	10.6	27.8	22.8	13.9	45.3	34.9	35.5	7.3	19.9
16	<i>39.7</i>	<i>33.5</i>	<i>16.0</i>	<i>14.8</i>	<i>26.6</i>	<i>26.8</i>	<i>14.6</i>	<i>47.8</i>	<i>33.7</i>	<i>39.2</i>	<i>8.5</i>	<i>24.2</i>
17	126,320	144,999	54,629	38,270	41,256	61,152	93,347	150,064	91,645	31,440	5,756	102,853
18	91,983	119,433	37,343	21,875	26,789	47,955	58,608	136,594	74,925	25,743	2,765	67,472
19	4,825,514	11,094,714	1,922,308	1,182,186	1,711,680	2,477,260	3,553,300	10,017,399	5,776,281	8,391,744	216,575	6,276,127
20	800	539	347	189	235	513	449	1,274	701	16	17	346
21	8	12	9	9	3	9	11	6	4	1	2	20
22	113	908	120	171	84	74	455	96	230	409	45	616
23	7	110	10	16	31	37	74	4	3	81	14	117
24	917	1,486	478	353	344	625	965	1,375	914	410	59	1,002
25	11	59	8	31	8	8	24	2	2	88	19	95
26	.....	24	.....	1	1	.....	.....	3	31	9	.....	2
27	48	176	34	39	31	45	47	39	88	95	15	97
28	<i>43</i>	<i>197</i>	<i>36</i>	<i>36</i>	<i>29</i>	<i>25</i>	<i>59</i>	<i>57</i>	<i>82</i>	<i>114</i>	<i>14</i>	<i>73</i>
29	9,438	21,432	6,185	8,405	2,935	5,135	5,368	5,479	14,620	10,479	5,926	17,664
30	6,149	16,880	3,462	5,245	2,021	3,799	3,462	4,179	11,765	8,368	1,871	11,243
31	380,090	3,020,084	468,250	297,550	180,200	319,378	268,100	327,075	1,321,941	2,673,600	131,450	2,473,430
32	1,211	1,627	2,163	2,649	679	1,409	4,252	1,089	1,075	406	766	2,650
33	415	2,185	389	562	197	679	1,783	523	669	377	205	1,618
34	6	109	11	7	8	11	44	12	14	44	9	47
35	388	2,023	336	488	168	617	1,562	484	534	334	178	1,391
36	1,432,012	11,631,270	1,085,406	1,225,377	553,577	1,839,995	4,759,465	2,229,037	1,944,135	3,442,587	461,500	5,665,920
37	449,683	4,797,796	283,512	327,526	178,203	648,709	1,471,837	771,816	785,477	1,327,870	110,200	1,736,808
38	31.4	41.2	20.1	26.7	32.2	35.3	31.0	34.6	37.3	38.6	23.9	31.2

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

1	11,603	43,047	9,729	8,899	4,450	8,064	34,998	14,244	12,040	10,515	3,375	31,637
2	10,944	36,199	8,262	8,412	3,788	7,779	28,701	13,535	10,335	9,153	2,993	20,517
3	3,818,942	19,601,327	3,022,279	2,956,366	1,400,691	3,013,812	11,951,209	5,776,640	4,725,854	4,909,212	1,212,285	9,023,198
4	264,945	20,206,333	120,334	382,765	242,564	450,132	6,605,797	2,785,483	2,666,742	4,714,544	219,602	6,108,478
5	68,727	43,021	4,608	12,357	13,301	8,828	59,697	9,779	4,655	1,206	2,979	47,273
6	105,858	107,489	31,965	8,246	5,661	28,479	17,702	4,630	3,442	.....	14,372	113,936
7	1,024,444	572,974	1,113,695	895,911	398,119	896,514	2,234,516	1,024,793	995,074	167,699	324,899	2,430,837
8	731,757	442,049	695,650	446,921	254,533	627,001	1,553,474	824,620	842,332	105,903	203,763	1,941,486
9	6,340	1,737	.....	522	522	14,727	193,914	10,771	85,618	700	8,269	36,403
10	6,340	1,612	.....	250	522	13,618	189,299	10,568	76,040	656	4,036	35,320
11	349,137	3,141,880	291,248	337,248	142,602	310,092	1,260,230	626,378	653,196	914,221	137,184	1,470,876
12	281,827	3,101,410	198,506	220,659	107,805	245,651	1,090,862	578,356	613,766	892,195	106,367	1,340,873
13	177,937	670,305	165,760	154,766	102,774	209,293	319,271	336,768	271,967	154,993	47,025	247,907
14	85,298	366,494	72,649	61,489	55,081	118,018	159,053	179,948	135,454	79,350	14,539	123,066
15	766,350	1,957,451	801,427	739,148	272,516	757,357	1,621,265	1,174,377	963,591	449,756	264,232	1,215,176
16	543,851	1,505,359	517,820	337,807	199,749	517,576	1,189,753	621,061	799,363	305,778	136,967	801,008
17	232,391	857,778	231,729	231,036	92,800	271,621	509,395	401,936	356,031	235,361	83,515	407,778
18	152,433	585,090	139,755	118,112	54,76	175,076	332,385	283,391	240,443	136,667	41,307	252,975
19	20,525	28,935	32,540	62,605	7,250	16,612	57,817	17,270	15,939	13,593	48,665	46,026
20	235	131	216	266	88	164	372	93	210	85	538	393
21	3,230	4,735	5,370	8,430	1,108	2,562	7,809	2,595	2,949	2,205	5,824	6,199
22	6,711	2,074	4,329	2,428	938	532	16,358	6,474	709	399	332	7,455
23	9	2	50	.....	.....	.....	18	1	2	.....	.....	78
24	11,254	4,016	7,029	3,077	1,423	829	29,315	11,738	1,201	728	493	13,658
25	4,150	29,911	3,917	4,274	2,190	5,550	24,609	8,856	7,298	11,409	1,463	20,999
26	5,426	22,546	4,889	3,789	1,801	3,040	14,023	5,740	7,547	5,491	1,191	10,148
27	809	1,924	718	457	191	454	2,043	1,594	1,320	146	132	962
28	21,153	27,485	17,523	13,498	7,548	22,312	39,181	33,810	22,156	9,090	2,859	24,901
29	5,371	6,812	2,621	1,837	675	389	12,768	5,409	533	1,710	330	4,688
30	319,140	1,273,694	250,521	141,310	93,096	216,815	1,076,825	613,782	456,860	304,667	40,946	684,372
31	253,532	313,803	219,659	206,495	86,288	266,669	311,384	288,591	325,517	118,120	55,669	222,613

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

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

	Fayette.	Forest.	Franklin.	Fulton.	Greene.	Hunting- don.	Indiana.	Jefferson.
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms.....	3,128	472	2,743	1,206	2,548	1,689	2,790
2	Number of farms in 1900.....	<i>2,890</i>	<i>478</i>	<i>2,331</i>	<i>1,130</i>	<i>2,007</i>	<i>1,685</i>	<i>2,691</i>
3	Per cent of all farms.....	81.9	86.0	64.5	84.9	77.6	73.9	88.2
4	Per cent of all farms in 1900.....	<i>76.4</i>	<i>81.4</i>	<i>61.4</i>	<i>77.9</i>	<i>79.1</i>	<i>69.5</i>	<i>86.5</i>
5	Land in farms..... acres	236,332	37,124	201,967	154,516	281,904	241,870	210,738
6	Improved land in farms..... acres	153,386	16,207	143,404	86,157	244,721	128,585	233,557
7	Value of land and buildings..... dollars	15,030,260	1,012,828	11,741,248	2,260,504	19,024,597	4,644,420	14,758,288
8	Degree of ownership:							
9	Farms consisting of owned land only.....	2,934	449	2,636	1,107	2,181	1,632	3,313
9	Farms consisting of owned and hired land.....	194	23	107	102	367	57	219
10	Color and nativity of owners:							
11	Native white.....	2,787	424	2,714	1,199	2,537	1,652	3,404
11	Foreign-born white.....	322	47	16	10	7	35	128
12	Negro and other nonwhite.....	19	1	13	.....	4	2	3
<b>FARMS OPERATED BY TENANTS</b>								
13	Number of farms.....	589	68	1,427	205	692	563	863
14	Number of farms in 1900.....	<i>770</i>	<i>94</i>	<i>1,423</i>	<i>318</i>	<i>601</i>	<i>716</i>	<i>961</i>
15	Per cent of all farms.....	15.4	12.4	33.6	14.4	21.1	24.6	19.4
16	Per cent of all farms in 1900.....	<i>20.4</i>	<i>16.0</i>	<i>37.5</i>	<i>21.9</i>	<i>18.2</i>	<i>23.5</i>	<i>21.5</i>
17	Land in farms..... acres	63,182	6,993	173,295	40,244	60,705	92,838	103,066
18	Improved land in farms..... acres	42,403	2,856	144,138	19,821	56,668	56,713	74,188
19	Value of land and buildings..... dollars	5,143,695	149,712	11,092,421	705,855	4,424,183	1,993,332	4,260,093
20	Form of tenancy:							
21	Share tenants.....	225	35	1,123	172	383	400	517
21	Share-cash tenants.....	15	1	9	4	72	5	16
22	Cash tenants.....	260	28	150	23	217	124	285
23	Tenure not specified.....	89	4	145	6	20	25	45
24	Color and nativity of tenants:							
25	Native white.....	542	64	1,423	204	682	557	837
25	Foreign-born white.....	39	4	1	1	3	6	24
26	Negro and other nonwhite.....	8	.....	3	.....	7	.....	2
<b>FARMS OPERATED BY MANAGERS</b>								
27	Number of farms.....	101	9	80	10	42	33	64
28	Number of farms in 1900.....	<i>123</i>	<i>15</i>	<i>41</i>	<i>5</i>	<i>36</i>	<i>24</i>	<i>53</i>
29	Land in farms..... acres	18,961	5,104	10,072	2,098	5,931	5,831	10,665
30	Improved land in farms..... acres	13,730	1,178	8,018	1,059	5,195	3,599	7,735
31	Value of land and buildings..... dollars	2,239,068	311,100	641,591	28,100	425,985	256,400	584,610
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
For all farms operated by owners:								
32	Number free from mortgage debt.....	2,645	385	1,772	899	2,192	1,251	2,905
33	Number with mortgage debt.....	439	85	955	295	354	438	519
34	Number with no mortgage report.....	44	2	16	15	22	5	11
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	370	71	874	252	265	415	507
36	Value of their land and buildings..... dollars	1,509,284	135,686	3,958,442	445,710	2,061,566	1,357,890	1,902,366
37	Amount of mortgage debt..... dollars	398,796	38,991	1,322,974	147,570	473,576	435,069	481,926
38	Per cent of value of land and buildings.....	26.4	28.7	33.4	33.1	23.0	32.0	25.3

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD

<b>LIVE STOCK PRODUCTS</b>									
<b>Dairy Products</b>									
1	Dairy cows on farms reporting dairy products.....	number..	9,195	1,264	10,302	3,950	8,801	7,951	12,689
2	Dairy cows on farms reporting milk produced.....	number..	8,833	1,226	14,417	2,889	8,708	7,809	12,587
3	Milk—Produced.....	gallons..	3,479,697	432,138	5,346,747	893,356	3,211,910	2,629,357	4,722,426
4	Sold.....	gallons..	542,906	16,967	2,118,059	47,168	101,251	288,131	650,002
5	Cream sold.....	gallons..	4,169	30	33,254	356	2,224	18,077	18,617
6	Butter fat sold.....	pounds..	.....	.....	27,493	5,720	11,539	.....	.....
7	Butter—Produced.....	pounds..	912,432	123,451	1,094,313	338,828	962,145	702,457	1,378,249
8	Sold.....	pounds..	500,663	57,315	800,700	226,177	538,437	425,079	828,402
9	Cheese—Produced.....	pounds..	10,209	.....	7,065	.....	586	60	1,108
10	Sold.....	pounds..	9,505	.....	7,840	.....	.....	.....	840
11	Value of dairy products, excluding home use of milk and cream.....	dollars..	361,023	33,324	555,199	78,131	224,389	230,466	472,859
12	Receipts from sale of dairy products.....	dollars..	255,505	17,758	490,229	55,684	137,632	169,298	341,279
<b>Poultry Products</b>									
13	Poultry—Raised.....	number..	234,122	19,255	508,394	97,256	263,498	171,831	238,409
14	Sold.....	number..	88,891	5,086	255,892	50,663	112,608	84,102	116,362
15	Eggs—Produced.....	dozens..	868,962	87,023	2,219,181	477,518	801,119	750,470	1,259,940
16	Sold.....	dozens..	530,891	38,908	1,840,482	392,439	451,094	525,849	910,065
17	Value of poultry and eggs produced.....	dollars..	324,661	28,048	691,999	184,410	282,765	230,312	379,707
18	Receipts from sale of poultry and eggs.....	dollars..	172,750	11,637	600,637	102,303	157,609	161,875	263,649
<b>Honey and Wax</b>									
19	Honey produced.....	pounds..	22,401	24,203	32,975	22,675	27,846	24,059	81,840
20	Wax produced.....	pounds..	299	144	398	267	194	197	374
21	Value of honey and wax produced.....	dollars..	3,864	3,326	4,269	2,592	4,090	3,708	11,510
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn.....	number..	6,427	643	8,801	3,294	135,791	7,493	9,783
23	Mohair and goat hair, fleeces shorn.....	number..	23	17	9	33	37	16	17
24	Value of wool and mohair produced.....	dollars..	11,206	1,048	17,921	6,465	201,468	11,838	13,170
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves—Sold or slaughtered.....	number..	4,299	377	8,975	1,289	2,368	2,505	6,605
26	Other cattle—Sold or slaughtered.....	number..	7,619	655	10,015	3,260	12,844	6,498	9,084
27	Horses, mules, and asses and burros—Sold.....	number..	774	67	3,241	384	934	824	1,797
28	Pigs—Sold or slaughtered.....	number..	14,745	1,355	41,742	8,928	21,632	15,607	31,515
29	Sheep and goats—Sold or slaughtered.....	number..	3,287	373	7,957	5,539	36,273	10,512	2,208
30	Receipts from sale of animals.....	dollars..	375,252	23,148	1,009,498	159,938	341,118	358,349	578,282
31	Value of animals slaughtered.....	dollars..	237,904	23,998	397,588	102,538	225,723	216,011	344,558

AGRICULTURE—PENNSYLVANIA.

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

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

	Juniata.	Lackawanna.	Lancaster.	Lawrence.	Lebanon.	Lehigh.	Luzerne.	Lycoming.	McKean.	Mercer.	Mifflin.	Monroe.	Montgomery.
1	1,298	1,386	6,620	2,056	1,551	2,190	2,555	2,973	1,390	3,955		1,831	3,674
2	<i>1,110</i>	<i>1,385</i>	<i>5,875</i>	<i>2,039</i>	<i>1,491</i>	<i>2,122</i>	<i>2,497</i>	<i>2,898</i>	<i>1,571</i>	<i>3,985</i>	764	<i>1,717</i>	<i>3,850</i>
3	76.6	79.0	61.1	79.3	61.4	66.5	79.4	80.6	85.1	82.1	59.9	87.3	71.1
4	71.8	74.7	62.3	77.3	58.2	64.3	75.8	76.0	83.7	80.4	58.0	88.6	65.7
5	117,796	100,161	281,771	147,113	82,059	103,722	179,352	273,706	130,147	310,687	69,992	174,477	154,433
6	68,468	42,827	239,926	114,597	68,222	88,750	101,397	152,378	54,418	218,628	43,189	82,015	137,004
7	8,322,072	5,438,586	37,059,108	10,357,225	5,952,366	8,964,731	8,613,919	10,065,489	4,197,686	13,985,270	2,732,629	5,239,072	21,998,649
8	1,235	1,292	6,125	1,877	1,483	2,056	2,433	2,845	1,333	3,682	719	1,759	3,528
9	63	44	495	179	68	134	122	128	57	273	45	72	146
10	1,274	1,152	6,466	1,919	1,542	2,127	2,233	2,849	953	3,673	757	1,729	3,307
11	8	134	121	133	9	63	319	121	435	270	7	101	302
12	16	-----	33	4	-----	-----	3	3	2	6	-----	1	5
13	366	301	4,037	501	898	998	592	648	212	806	476	244	1,215
14	<i>410</i>	<i>427</i>	<i>3,433</i>	<i>585</i>	<i>1,015</i>	<i>1,066</i>	<i>735</i>	<i>820</i>	<i>270</i>	<i>820</i>	<i>501</i>	<i>315</i>	<i>1,812</i>
15	21.6	17.8	37.3	19.3	35.6	30.3	18.4	17.6	13.0	16.7	37.3	11.6	23.5
16	26.4	25.0	36.4	22.2	39.0	32.9	22.3	21.7	14.4	18.6	40.1	15.8	30.9
17	48,144	26,671	252,743	42,770	33,121	74,860	55,367	75,356	24,799	72,063	68,179	26,467	70,309
18	30,541	12,120	220,708	30,915	73,882	65,937	31,354	49,058	10,715	48,639	47,166	13,901	62,313
19	1,621,290	1,350,165	31,313,335	2,769,920	6,032,231	7,435,726	3,248,419	3,377,250	671,980	3,048,884	2,633,955	635,850	12,282,198
20	299	28	2,751	140	692	602	207	432	73	338	374	71	181
21	2	3	242	31	8	10	5	6	6	15	5	4	19
22	45	172	994	303	194	342	336	181	124	347	56	109	871
23	20	98	50	27	4	44	39	30	9	106	41	-----	144
24	366	238	4,005	426	896	984	485	635	180	767	475	239	1,084
25	-----	62	26	73	2	14	107	12	31	36	1	5	116
26	-----	1	6	2	-----	-----	-----	1	1	3	-----	-----	15
27	31	55	178	37	76	107	69	68	32	55	36	22	277
28	<i>29</i>	<i>45</i>	<i>129</i>	<i>15</i>	<i>54</i>	<i>91</i>	<i>63</i>	<i>64</i>	<i>59</i>	<i>51</i>	<i>24</i>	<i>26</i>	<i>198</i>
29	7,196	7,328	15,985	3,873	8,413	13,075	34,767	9,147	4,204	6,458	5,548	3,133	27,009
30	3,889	8,813	12,161	2,975	6,646	10,975	5,027	5,111	1,689	4,902	4,114	1,382	23,319
31	238,750	650,525	2,813,420	824,414	739,280	1,231,501	698,176	511,101	278,665	390,050	260,710	163,420	8,670,569
32	950	961	3,469	1,499	931	1,316	1,903	2,124	983	2,976	579	1,212	1,698
33	332	365	8,115	545	609	864	640	841	396	928	183	615	1,911
34	10	20	36	12	11	10	12	8	11	51	2	4	65
35	297	331	2,776	472	542	778	582	780	359	823	170	581	1,724
36	795,100	1,177,346	15,708,071	2,267,435	1,912,711	3,037,730	2,079,723	2,616,798	1,183,230	2,630,816	601,084	1,074,272	8,957,196
37	278,649	366,781	5,663,931	627,280	809,842	1,241,847	607,721	858,598	335,979	793,886	206,783	556,106	3,731,089
38	35.0	31.2	37.7	27.7	42.3	40.9	29.3	32.8	28.3	30.2	34.4	33.2	41.7

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

1	5,018	8,133	39,772	9,693	11,106	11,616	9,904	13,573	6,958	18,159	5,113	6,231	23,099
2	4,305	6,282	36,946	8,167	10,254	9,876	9,339	11,237	5,466	16,703	5,018	6,102	21,097
3	1,453,124	3,085,477	18,879,539	3,353,769	5,167,624	4,269,360	3,813,266	4,708,662	2,642,327	6,534,319	2,023,150	2,133,673	12,358,748
4	742,392	2,594,370	10,928,073	1,282,749	3,871,211	2,190,748	1,543,713	1,154,561	1,130,525	1,222,442	335,400	455,636	10,776,508
5	1,082	2,465	50,952	13,475	12,807	3,339	7,828	65,120	16,009	19,963	15,417	219	31,599
6	55,001	-----	362,507	25,611	-----	121,619	74,229	63,019	13,924	7,505	54,967	48,173	395,801
7	210,773	404,802	2,733,551	879,721	473,056	949,317	778,983	1,266,423	440,201	1,054,241	450,113	563,072	371,812
8	126,053	268,349	2,269,130	618,503	382,916	769,497	469,355	894,474	260,904	1,069,627	323,452	378,525	298,946
9	793	430	185,075	30	3,301	12,333	5,880	233	81,271	2,070	426	100	74,811
10	793	350	171,715	-----	3,031	9,302	5,181	233	80,630	1,363	206	-----	69,554
11	147,913	511,331	2,343,594	432,021	601,508	633,517	538,482	562,440	325,614	570,156	197,204	213,724	1,967,258
12	129,988	474,950	2,212,252	367,568	575,516	585,239	450,505	474,163	277,012	448,094	169,278	168,454	1,944,908
13	147,285	119,256	1,158,086	169,298	213,304	274,019	192,182	243,992	60,422	285,920	111,764	149,265	632,435
14	67,075	58,785	579,126	89,138	103,112	117,517	93,774	116,096	20,588	149,849	45,861	77,001	330,086
15	852,888	431,271	4,700,627	658,114	1,023,444	1,349,849	692,977	996,788	268,788	1,247,729	499,457	724,926	2,362,889
16	725,893	291,414	3,993,726	418,836	842,031	1,045,342	417,459	650,553	151,000	844,990	377,854	512,960	1,962,282
17	249,429	185,909	1,679,466	236,807	308,669	447,404	275,885	328,764	104,226	408,789	155,831	252,312	1,014,469
18	177,543	112,646	1,219,989	144,507	225,627	301,958	156,087	196,823	48,084	259,190	104,080	167,661	715,919
19	17,354	11,085	60,551	6,380	14,836	13,275	17,214	34,140	42,327	32,213	11,415	15,224	11,980
20	205	384	461	54	196	65	314	608	1,124	135	120	302	192
21	2,363	1,507	10,673	1,211	2,843	2,120	2,539	4,252	5,215	4,840	1,850	2,099	2,026
22	2,258	1,233	2,288	12,696	230	250	1,445	2,353	3,112	26,720	2,792	859	926
23	-----	4	27	-----	-----	-----	-----	1	2	45	-----	1	-----
24	3,523	1,725	3,553	25,332	415	358	2,039	4,021	4,947	52,541	4,725	1,121	1,463
25	1,666	5,188	26,916	5,912	9,507	8,252	6,041	8,215	3,641	10,316	2,233	3,349	12,315
26	3,207	1,734	31,786	4,268	10,727	5,551	2,266	5,175	2,593	10,246	4,694	1,717	15,160
27	379	444	6,234	846	3,640	573	347	484	164	1,628	819	606	866
28	8,916	2,434	79,729	13,329	26,811	19,729	12,641	21,613	4,014	30,405	9,652	9,909	25,417
29	1,948	306	1,272	7,493	195	156	1,481	1,961	2,593	14,725	5,078	620	1,760
30	138,991	145,727	2,790,333	338,168	1,357,549	375,182	136,409	249,139	99,760	696,555	289,367	110,298	740,734
31	134,023	36,551	879,939	147,378	299,863	340,826	170,774	310,175	54,047	362,765	124,679	136,340	355,905



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

	Montour.	Northampton.	Northumberland.	Perry.	Philadelphia.	Pike.	Potter.	Schuylkill.	
<b>FARMS OPERATED BY OWNERS</b>									
1	Number of farms.....	549	2,426	1,780	1,824	306	750	2,004	2,521
2	Number of farms in 1900.....	<i>558</i>	<i>2,280</i>	<i>1,745</i>	<i>1,612</i>	<i>418</i>	<i>759</i>	<i>1,980</i>	<i>2,399</i>
3	Per cent of all farms.....	64.7	68.1	70.2	75.7	37.1	80.1	83.5	84.0
4	Per cent of all farms in 1900.....	<i>66.5</i>	<i>62.7</i>	<i>67.0</i>	<i>70.5</i>	<i>39.0</i>	<i>84.4</i>	<i>78.5</i>	<i>79.7</i>
5	Land in farms.....acres.....	41,924	105,058	132,234	172,160	9,381	99,628	214,000	175,328
6	Improved land in farms.....acres.....	32,678	87,356	100,553	97,284	8,538	21,726	91,854	114,019
7	Value of land and buildings.....dollars.....	1,428,237	8,178,270	6,074,159	4,138,093	8,269,020	2,604,695	4,772,660	8,250,109
<b>Degree of ownership:</b>									
8	Farms consisting of owned land only.....	514	2,328	1,630	1,725	286	735	1,883	2,401
9	Farms consisting of owned and hired land.....	35	98	150	99	20	15	121	120
<b>Color and nativity of owners:</b>									
10	Native white.....	532	2,270	1,726	1,795	251	559	1,828	2,341
11	Foreign-born white.....	17	156	54	29	54	191	173	180
12	Negro and other nonwhite.....					1		3	
<b>FARMS OPERATED BY TENANTS</b>									
13	Number of farms.....	292	1,081	713	556	408	359	434	
14	Number of farms in 1900.....	<i>271</i>	<i>1,277</i>	<i>829</i>	<i>638</i>	<i>609</i>	<i>495</i>	<i>563</i>	
15	Per cent of all farms.....	34.4	30.3	28.1	23.1	56.8	15.0	14.5	
16	Per cent of all farms in 1900.....	<i>32.2</i>	<i>36.1</i>	<i>31.8</i>	<i>27.9</i>	<i>66.8</i>	<i>20.8</i>	<i>18.4</i>	
17	Land in farms.....acres.....	31,017	81,141	73,297	73,194	17,833	14,704	49,327	34,974
18	Improved land in farms.....acres.....	26,364	72,653	59,482	47,186	14,828	3,243	22,708	24,175
19	Value of land and buildings.....dollars.....	1,499,966	5,962,523	3,599,809	2,127,014	16,311,245	337,110	1,127,162	1,748,007
<b>Form of tenancy:</b>									
20	Share tenants.....	268	679	586	452	12	11	225	150
21	Share-cash tenants.....	1	9	13		3		9	9
22	Cash tenants.....	17	393	89	89	259	82	120	224
23	Tenure not specified.....	6		25	15	194		5	51
<b>Color and nativity of tenants:</b>									
24	Native white.....	288	1,056	707	551	328	82	342	404
25	Foreign-born white.....	3	24	6	5	137	12	14	30
26	Negro and other nonwhite.....	1	1			3		3	
<b>FARMS OPERATED BY MANAGERS</b>									
27	Number of farms.....	8	58	41	29	50	27	38	47
28	Number of farms in 1900.....	<i>13</i>	<i>41</i>	<i>30</i>	<i>20</i>	<i>45</i>	<i>16</i>	<i>11</i>	<i>59</i>
29	Land in farms.....acres.....	1,599	6,452	6,052	4,764	3,274	59,059	7,200	6,046
30	Improved land in farms.....acres.....	1,137	5,699	4,435	2,451	2,647	1,438	3,379	4,176
31	Value of land and buildings.....dollars.....	241,914	652,340	475,800	133,240	3,074,220	1,100,500	150,095	324,600
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>									
<b>For all farms operated by owners:</b>									
32	Number free from mortgage debt.....	370	1,460	1,039	1,485	136	543	1,217	1,461
33	Number with mortgage debt.....	178	953	729	326	99	207	781	1,049
34	Number with no mortgage report.....	1	13	12	13	71		6	11
<b>For farms consisting of owned land only:</b>									
35	Number reporting debt and amount.....	160	882	634	287	78	201	668	880
36	Value of their land and buildings.....dollars.....	508,831	2,774,000	2,133,682	688,596	1,310,550	858,210	1,514,733	2,880,158
37	Amount of mortgage debt.....dollars.....	184,108	1,073,376	739,169	225,430	432,405	192,911	519,366	1,000,048
38	Per cent of value of land and buildings.....	36.2	38.7	34.6	32.7	33.0	22.5	34.3	38.0

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD

<b>LIVE STOCK PRODUCTS</b>									
<b>Dairy Products</b>									
1	Dairy cows on farms reporting dairy products.....number.....	3,603	13,601	9,094	6,775	2,141	2,642	10,148	8,684
2	Dairy cows on farms reporting milk produced.....number.....	3,557	13,414	8,436	6,709	1,972	2,624	7,150	8,590
3	Milk—Produced.....gallons.....	1,459,257	6,339,184	3,095,586	2,210,802	983,525	943,491	2,974,961	3,081,355
4	Sold.....gallons.....	275,503	3,802,881	730,581	249,202	806,828	110,535	1,688,081	1,127,456
5	Cream sold.....gallons.....	5,271	9,611	27,776	34,682		2,425	10,832	6,735
6	Butter fat sold.....pounds.....		33,583	70,241	89,297		31,698	34,429	
7	Butter—Produced.....pounds.....	426,839	868,323	902,932	527,551	23,890	185,486	609,444	777,894
8	Sold.....pounds.....	337,204	707,382	680,687	314,642	10,205	83,562	325,929	555,587
9	Cheese—Produced.....pounds.....		12,356	6,903	50	170	900	132,856	20,854
10	Sold.....pounds.....		11,101	6,803	50	140	800	131,753	20,659
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	153,263	669,051	392,445	194,760	166,191	79,810	355,187	515,659
12	Receipts from sale of dairy products.....dollars.....	132,065	623,432	336,466	149,803	161,997	53,235	286,240	458,011
<b>Poultry Products</b>									
13	Poultry—Raised.....number.....	70,540	282,129	213,014	189,973	53,933	50,215	79,652	260,551
14	Sold.....number.....	38,674	110,919	111,259	95,596	20,214	9,451	34,227	125,827
15	Eggs—Produced.....dozens.....	294,351	1,529,490	832,805	1,248,503	161,089	212,934	369,741	953,672
16	Sold.....dozens.....	219,237	1,227,710	642,225	990,037	64,687	109,911	199,842	663,770
17	Value of poultry and eggs produced.....dollars.....	94,897	523,183	239,313	353,126	82,975	75,159	115,590	368,676
18	Receipts from sale of poultry and eggs.....dollars.....	66,097	369,413	194,323	288,942	34,115	30,060	60,356	228,798
<b>Honey and Wax</b>									
19	Honey produced.....pounds.....	2,531	14,827	14,077	22,045	1,019	585	103,886	8,432
20	Wax produced.....pounds.....	20	68	310	236	15	20	1,202	217
21	Value of honey and wax produced.....dollars.....	365	2,221	2,115	3,115	230	93	12,250	1,532
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn.....number.....	277	646	444	2,102		784	8,055	158
23	Mohair and goat hair, fleeces shorn.....number.....	1	1	11	2		15	19	
24	Value of wool and mohair produced.....dollars.....	400	1,013	773	3,116		1,172	12,838	273
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves—Sold or slaughtered.....number.....	2,229	10,031	5,351	2,664	1,037	1,181	6,000	4,546
26	Other cattle—Sold or slaughtered.....number.....	991	5,097	3,630	4,820	1,385	673	4,855	3,208
27	Horses, mules, and asses and burros—Sold.....number.....	122	429	603	801	80	57	417	442
28	Swine—Sold or slaughtered.....number.....	7,372	22,018	18,203	14,270	3,470	2,505	7,754	12,681
29	Sheep and goats—Sold or slaughtered.....number.....	265	303	223	3,203	1,401	655	7,920	127
30	Receipts from sale of animals.....dollars.....	69,374	325,678	225,328	285,100	92,311	28,403	228,980	140,294
31	Value of animals slaughtered.....dollars.....	66,894	347,165	274,576	195,089	15,100	36,856	90,923	257,587

AGRICULTURE—PENNSYLVANIA.

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

(Comparative data for June 1, 1900, in italics.)

	Snyder.	Somerset.	Sullivan.	Susquehanna.	Tioga.	Union.	Venango.	Warren.	Washington.	Wayne.	Westmoreland.	Wyoming.	York.
1	1,214	3,354	910	3,458	3,614	854	2,359	2,417	3,139	3,069	4,110	1,408	5,921
2	<i>1,164</i>	<i>3,188</i>	<i>880</i>	<i>3,646</i>	<i>3,338</i>	<i>876</i>	<i>2,627</i>	<i>2,647</i>	<i>3,203</i>	<i>3,130</i>	<i>3,388</i>	<i>1,533</i>	<i>6,433</i>
3	65.8	85.3	92.4	81.6	81.5	58.7	84.5	85.7	86.3	89.0	74.6	80.2	70.0
4	<i>68.8</i>	<i>84.8</i>	<i>90.5</i>	<i>78.0</i>	<i>79.4</i>	<i>67.5</i>	<i>80.3</i>	<i>81.7</i>	<i>67.5</i>	<i>85.4</i>	<i>71.9</i>	<i>78.9</i>	<i>68.0</i>
5	83,730	381,340	87,325	371,953	373,531	51,196	199,448	203,326	316,729	317,869	321,965	130,993	302,961
6	60,596	209,733	35,608	234,777	227,143	38,346	119,415	91,081	275,013	107,995	240,249	83,008	243,716
7	3,001,773	15,421,146	2,087,576	10,181,880	11,690,349	2,751,248	6,927,866	5,359,348	22,549,284	7,682,352	20,506,872	4,288,750	17,636,018
8	1,148	3,255	851	3,185	3,299	819	2,132	2,208	2,861	2,953	3,925	1,815	5,755
9	66	99	59	273	315	35	227	209	208	110	185	93	166
10	1,209	3,281	852	3,277	3,351	848	2,258	1,795	2,958	2,616	3,622	1,347	5,820
11	5	73	58	178	259	5	9	620	157	453	484	60	71
12	-----	-----	-----	3	4	1	2	2	24	-----	4	1	30
13	610	540	73	715	798	573	415	370	1,526	354	1,245	330	2,407
14	<i>672</i>	<i>554</i>	<i>84</i>	<i>952</i>	<i>947</i>	<i>627</i>	<i>592</i>	<i>541</i>	<i>1,443</i>	<i>483</i>	<i>1,418</i>	<i>551</i>	<i>2,438</i>
15	33.1	13.7	7.4	16.9	18.0	39.4	14.9	13.1	32.2	10.3	22.6	18.8	28.5
16	<i>36.2</i>	<i>14.6</i>	<i>8.6</i>	<i>20.4</i>	<i>19.6</i>	<i>41.2</i>	<i>18.1</i>	<i>16.7</i>	<i>30.4</i>	<i>13.2</i>	<i>20.1</i>	<i>20.0</i>	<i>30.7</i>
17	65,968	84,889	8,675	88,555	97,734	54,680	42,420	42,553	178,528	42,833	139,234	35,033	213,019
18	50,105	43,708	3,320	55,549	63,454	46,249	24,279	17,040	150,139	14,066	103,425	22,741	177,581
19	2,598,050	3,006,585	181,190	2,087,210	2,988,151	3,284,857	1,153,795	963,710	11,929,826	842,765	8,089,619	1,037,466	11,645,240
20	526	247	24	193	540	511	163	109	432	48	523	120	1,073
21	4	18	5	10	16	6	6	13	74	7	18	7	9
22	26	180	29	484	194	50	216	225	941	222	621	144	411
23	54	95	15	28	48	6	30	23	79	77	83	59	14
24	610	531	69	687	780	572	402	316	1,362	323	1,124	322	2,393
25	4	8	4	25	17	1	13	54	139	81	117	8	6
26	-----	-----	-----	3	1	-----	-----	-----	25	-----	4	-----	8
27	21	39	2	66	24	28	19	33	68	26	157	18	132
28	<i>18</i>	<i>42</i>	<i>9</i>	<i>77</i>	<i>46</i>	<i>19</i>	<i>54</i>	<i>50</i>	<i>59</i>	<i>50</i>	<i>102</i>	<i>13</i>	<i>111</i>
29	2,226	9,029	216	11,920	4,206	2,914	4,499	8,442	8,666	14,855	32,282	3,005	16,037
30	1,693	4,713	140	5,731	2,414	2,378	2,119	3,304	6,849	1,425	16,961	1,674	12,186
31	83,160	726,133	5,800	387,050	143,340	188,935	247,300	352,300	1,263,735	184,200	3,586,290	116,700	1,110,196
32	927	2,593	630	2,218	2,118	611	1,910	1,572	2,551	1,916	3,102	894	3,730
33	270	748	279	1,220	1,484	235	420	833	543	1,137	962	494	2,172
34	17	13	1	20	12	8	29	12	45	16	46	20	19
35	237	681	241	1,064	1,267	219	338	697	448	1,036	840	436	2,013
36	642,350	3,224,192	509,300	3,003,372	3,888,147	819,505	993,205	1,481,338	2,736,244	2,533,360	3,916,246	1,259,180	5,818,577
37	182,247	1,051,040	148,422	1,071,053	1,402,699	281,462	305,758	467,197	840,007	889,909	1,216,090	424,374	2,267,681
38	28.4	32.6	29.1	35.6	37.6	34.3	30.8	31.5	30.7	35.1	31.1	33.7	39.0

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

1	5,454	14,242	3,975	32,200	27,802	6,543	8,144	13,519	21,782	21,565	19,714	8,795	27,307
2	4,606	13,551	3,857	23,422	17,187	5,271	7,356	9,712	19,189	16,747	18,913	6,064	22,861
3	1,629,425	5,453,731	1,477,882	11,639,236	7,065,713	2,428,073	2,731,898	4,462,775	8,379,049	7,602,013	8,276,866	3,387,129	9,428,729
4	269,636	629,321	39,842	9,101,677	6,562,606	764,294	432,029	768,041	4,812,270	4,934,761	3,274,959	2,113,030	4,026,064
5	4,284	46,979	1,864	25,726	2,383	25,101	13,203	16,258	12,678	24,819	14,832	7,893	25,404
6	-----	5,651	60,498	864,404	556,682	15,173	-----	714,568	-----	264,627	4,640	36,429	48,571
7	558,821	1,401,814	368,546	1,020,570	1,088,110	699,933	767,906	950,902	1,479,011	1,078,675	1,602,781	532,647	2,233,958
8	457,230	899,658	226,557	824,436	754,348	579,063	416,245	741,140	987,926	800,224	993,210	358,776	1,764,839
9	60	29,999	-----	42,750	189,824	-----	3,500	24,119	4,590	2,321	6,890	650	13,761
10	10	29,577	-----	42,674	189,764	-----	3,500	23,190	3,943	1,231	6,635	200	13,022
11	162,647	477,506	107,437	1,594,653	1,144,854	282,403	281,715	518,390	1,193,911	948,403	1,102,963	414,251	1,077,508
12	142,179	359,602	75,835	1,542,214	1,059,007	254,975	203,379	466,420	1,060,360	872,176	947,565	369,706	962,120
13	153,391	236,912	45,985	208,701	184,965	149,930	135,046	112,432	384,024	166,799	413,978	88,548	924,091
14	80,199	103,165	23,247	117,012	84,815	70,750	57,767	49,674	178,092	76,975	173,377	51,287	445,645
15	857,053	1,027,329	239,229	1,271,921	947,722	673,268	573,031	631,012	1,269,482	834,024	1,630,567	439,197	3,847,557
16	703,445	679,313	155,500	959,804	648,739	537,202	330,723	432,955	836,843	582,012	1,023,762	304,813	3,268,560
17	240,922	321,616	75,598	434,612	284,566	217,307	180,629	194,187	529,324	289,783	611,027	155,066	1,259,839
18	181,445	198,481	49,102	319,969	178,777	149,468	97,893	110,518	312,543	186,554	344,328	104,545	916,971
19	10,138	45,820	30,939	45,374	91,753	4,205	25,068	26,353	5,223	45,620	13,802	24,656	32,404
20	135	424	543	752	2,875	45	214	47	247	375	858	542	255
21	1,470	7,291	3,365	5,743	10,209	586	3,946	3,801	957	5,868	2,837	3,294	5,649
22	281	7,937	3,668	11,000	18,169	638	7,632	4,190	172,416	4,190	7,016	3,542	1,649
23	-----	34	-----	16	46	-----	28	20	20	34	23	45	1
24	366	11,195	5,506	17,742	32,488	920	13,201	6,472	388,247	6,671	11,994	0,126	2,622
25	2,805	5,465	1,706	23,815	17,700	4,380	4,191	5,337	10,703	14,228	11,398	7,110	17,706
26	2,685	13,552	2,603	12,161	9,108	2,991	3,796	4,755	13,099	5,994	9,998	3,425	13,925
27	470	1,615	137	811	864	287	613	431	1,366	535	2,317	2,228	2,941
28	12,775	19,994	4,958	23,238	18,308	11,565	11,613	10,032	27,000	11,271	27,842	7,191	57,160
29	219	12,862	2,788	10,128	17,179	413	3,963	3,615	48,655	2,857	9,429	6,290	1,154
30	133,817	710,355	95,418	694,383	551,484	176,573	163,224	201,383	1,010,896	280,519	805,814	177,855	1,079,541
31	187,322	319,846	53,218	177,550	111,055	164,026	179,211	135,883	319,152	134,344	384,466	72,703	795,908

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

		THE STATE.	Adams.	Allegheny.	Armstrong.	Beaver.	Bedford.
<b>VALUE OF ALL CROPS</b>							
1	Total.....	dollars. 186,739,898	3,382,345	4,016,842	2,225,711	1,642,891	2,451,797
2	Cereals.....	dollars. 70,348,736	2,075,970	917,533	993,482	644,840	1,258,102
3	Other grains and seeds.....	dollars. 185,539	6,962	3,080	2,899	289	7,553
4	Hay and forage.....	dollars. 45,623,573	714,361	850,141	545,722	489,454	471,995
5	Vegetables.....	dollars. 22,092,197	210,948	1,095,675	325,529	253,132	252,068
6	Fruits and nuts.....	dollars. 10,794,172	239,913	484,202	235,999	182,787	235,353
7	All other crops.....	dollars. 17,695,601	134,201	660,625	120,890	72,379	226,726
<b>SELECTED CROPS (acres and quantity)</b>							
8	<b>Cereals:</b>						
9	Total.....	acres. 4,324,058	117,151	56,829	74,777	41,559	93,549
10	Corn.....	bushels. 99,875,858	2,748,711	1,400,930	1,580,043	1,005,738	1,638,917
11	Oats.....	bushels. 1,380,671	44,231	20,408	22,532	14,540	30,562
12	Wheat.....	bushels. 41,494,237	1,357,270	643,008	694,873	454,654	855,100
13	Barley.....	acres. 1,144,248	14,945	20,681	23,192	14,810	18,282
14	Buckwheat.....	bushels. 28,172,680	403,224	513,709	493,430	376,141	388,061
15	Rye.....	acres. 1,225,558	50,180	13,252	15,844	11,480	28,392
16	Other grains.....	bushels. 21,564,479	874,846	213,654	200,372	107,175	333,871
17	Dry edible beans.....	acres. 7,425	109	36	34	4	215
18	Buckwheat.....	bushels. 136,239	3,056	504	543	55	3,801
19	Rye.....	bushels. 292,728	56	359	9,200	226	10,899
20	Other tame or cultivated grasses.....	bushels. 4,797,350	713	4,140	148,446	2,411	156,207
21	Wild, salt, or prairie grasses.....	acres. 272,560	7,617	2,090	3,859	486	10,213
22	Other tame or cultivated grasses.....	bushels. 3,496,603	109,403	25,784	36,310	5,210	101,158
23	<b>Hay and forage:</b>						
24	Total.....	acres. 3,088,105	53,891	53,959	46,551	31,787	35,985
25	All tame or cultivated grasses.....	tons. 3,677,307	60,663	58,794	41,619	38,209	42,018
26	Timothy alone.....	acres. 2,985,363	53,064	53,008	46,258	31,300	35,531
27	Timothy and clover mixed.....	tons. 3,216,140	58,699	53,672	40,711	35,271	39,742
28	Clover alone.....	acres. 1,110,946	14,854	37,543	27,393	21,784	14,721
29	Alfalfa.....	tons. 1,200,073	16,653	38,108	23,192	25,359	16,872
30	Millet or Hungarian grass.....	acres. 1,699,492	36,588	14,400	17,617	9,026	16,455
31	Other tame or cultivated grasses.....	tons. 1,830,852	40,231	14,243	16,218	9,446	18,155
32	Wild, salt, or prairie grasses.....	acres. 64,372	798	781	893	205	1,096
33	Grains cut green.....	tons. 74,096	933	845	1,037	243	1,227
34	Coarse forage.....	acres. 4,935	62	56	8	7	48
35	Wild, salt, or prairie grasses.....	tons. 9,154	143	110	14	9	96
36	Grains cut green.....	acres. 7,641	44	190	46	58	63
37	Coarse forage.....	tons. 10,675	51	284	67	69	72
38	Other tame or cultivated grasses.....	acres. 97,977	718	98	301	220	3,147
39	Wild, salt, or prairie grasses.....	tons. 91,290	688	82	183	145	3,320
40	Grains cut green.....	acres. 12,569	432	.....	61	10	37
41	Coarse forage.....	tons. 11,085	453	.....	39	5	38
42	Other tame or cultivated grasses.....	acres. 8,263	29	144	51	31	48
43	Wild, salt, or prairie grasses.....	tons. 25,474	57	389	89	121	263
44	Grains cut green.....	acres. 81,711	364	747	181	446	369
45	Coarse forage.....	tons. 422,025	1,434	4,733	780	2,812	1,975
46	<b>Special crops:</b>						
47	Potatoes.....	acres. 202,013	2,207	4,659	3,151	2,770	2,825
48	Sweet potatoes and yams.....	bushels. 21,740,611	170,507	330,519	288,709	219,822	263,790
49	All other vegetables.....	acres. 1,306	45	1	4	.....	8
50	Tobacco.....	bushels. 128,770	5,767	104	466	6	1,699
51	Maple trees.....	acres. 94,111	1,343	9,078	1,506	1,144	945
52	Maple sugar (made).....	pounds. 41,742	23	.....	.....	.....	1
53	Maple sirup (made).....	acres. 46,164,800	25,944	40	195	25	475
54	Maple sugar (made).....	number. 1,298,005	.....	68	372	364	11,450
55	Maple sirup (made).....	pounds. 1,188,049	.....	25	35	17	20,493
56	Maple sirup (made).....	gallons. 391,242	.....	23	273	138	4,352
<b>FRUITS AND NUTS</b>							
56	<b>Orchard fruits:</b>						
57	Total.....	trees. 13,186,773	227,347	482,768	331,165	227,016	375,194
58	Apples.....	bushels. 13,285,953	338,247	332,022	317,608	144,371	402,444
59	Peaches and nectarines.....	trees. 8,000,456	105,999	227,256	163,755	117,904	273,141
60	Pears.....	bushels. 11,048,430	312,680	224,380	217,773	93,433	364,876
61	Plums and prunes.....	trees. 2,383,027	27,798	95,114	87,109	53,456	40,298
62	Cherries.....	bushels. 1,023,570	12,580	55,562	58,917	22,936	12,805
63	Quinces.....	trees. 796,882	11,065	40,747	15,349	8,049	19,417
64	Apples.....	bushels. 378,825	3,430	11,623	5,907	2,453	4,927
65	Peaches and nectarines.....	trees. 744,148	5,469	34,807	25,763	20,722	15,562
66	Pears.....	bushels. 295,158	2,171	11,484	15,901	12,922	8,640
67	Plums and prunes.....	trees. 1,075,031	12,834	49,448	30,077	13,817	22,687
68	Cherries.....	bushels. 475,093	5,898	22,539	18,478	10,546	10,283
69	Quinces.....	trees. 176,849	3,205	15,216	2,829	7,041	3,918
70	Grapes.....	bushels. 62,350	1,371	6,369	565	2,072	887
71	Small fruits:						
72	Total.....	pounds. 5,271,264	6,830	260,369	15,058	38,993	11,286
73	Strawberries.....	pounds. 84,020,198	201,690	1,794,505	441,638	328,371	322,948
74	Raspberries and loganberries.....	acres. 8,678	65	776	137	224	42
75	Blackberries and dewberries.....	quarts. 13,620,047	98,698	1,187,919	138,982	452,198	45,890
76	Strawberries.....	acres. 4,136	34	357	56	112	10
77	Raspberries and loganberries.....	quarts. 9,033,904	69,252	741,953	80,444	291,713	24,919
78	Blackberries and dewberries.....	acres. 2,594	16	194	34	37	13
79	Nuts.....	quarts. 2,900,302	18,061	198,757	28,238	49,836	8,249
80	Walnuts.....	acres. 1,235	14	126	28	63	7
81	Peanut.....	quarts. 1,063,257	10,235	123,875	15,519	90,609	7,067
82	Other nuts.....	trees. 175,457	2,684	398	755	396	2,128
83	Walnuts.....	pounds. 3,795,804	60,000	11,579	26,495	4,640	68,686

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

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	139,507	2,714	2,581	2,024	1,170	2,309
2	Cash expended.....	dollars. 19,279,128	250,256	716,560	161,875	136,916	160,913	57,696
3	Rent and board furnished.....	dollars. 6,332,710	80,585	312,441	53,188	55,923	57,696	2,369
4	Fertilizer.....	Farms reporting.....	129,769	3,181	1,961	2,018	1,122	2,369
5	Amount expended.....	dollars. 6,801,605	167,245	118,890	69,117	33,877	69,856	2,145
6	Feed.....	Farms reporting.....	141,633	2,500	3,454	2,407	1,454	2,145
7	Amount expended.....	dollars. 19,203,160	200,193	1,136,238	188,318	184,846	128,828	82,828
8	Receipts from sale of feedable crops.....	dollars. 9,157,120	206,694	144,993	94,324	57,375	90,916	90,916

# AGRICULTURE—PENNSYLVANIA.

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

	Berks.	Blair.	Bradford.	Bucks.	Butler.	Cambria.	Cameron.	Carbon.	Center.	Chester.	Clarion.	Clearfield.
1	5,648,957	1,638,188	3,594,664	5,788,117	3,090,892	1,776,854	138,791	611,422	2,345,334	6,130,106	1,984,036	2,053,861
2	2,824,715	698,118	1,067,951	2,397,054	1,322,263	528,574	25,275	213,451	1,226,612	2,631,754	1,074,954	615,495
3	5,091	1,423	4,277	27,506	1,857	1,949	140	568	7,043	2,561	5,310	1,429
4	1,622,491	383,441	1,528,972	1,690,292	934,297	514,369	59,045	104,603	600,961	1,846,871	525,589	462,466
5	605,235	256,964	428,126	979,247	481,179	418,264	30,088	130,459	224,434	701,681	197,761	360,592
6	352,704	162,522	188,252	251,853	194,779	100,786	9,306	44,859	140,328	209,754	94,752	123,309
7	238,721	135,720	377,086	442,165	156,517	212,912	14,937	57,482	146,056	737,485	85,680	490,570
8	190,098	45,140	94,765	114,653	85,992	36,318	1,753	16,817	83,763	114,361	67,219	48,508
9	3,742,968	957,162	1,767,256	3,280,539	2,035,340	850,798	36,176	309,378	1,701,545	3,615,941	1,711,481	1,028,874
10	57,568	14,996	16,070	47,969	24,716	7,897	519	3,893	27,085	49,865	17,603	11,592
11	1,193,332	405,207	386,453	1,942,444	801,503	273,346	13,826	80,366	663,893	1,881,653	631,028	389,915
12	46,289	11,605	40,816	23,690	30,550	14,800	623	4,574	20,791	22,253	24,680	16,215
13	1,105,012	267,002	717,090	578,130	753,941	357,203	13,425	105,337	518,229	776,510	660,810	337,640
14	67,719	13,861	4,207	18,234	3,252	18,234	31	1,336	30,751	40,581	14,560	3,861
15	1,183,320	225,646	72,168	539,181	276,087	48,996	341	22,838	446,890	928,090	225,403	87,984
16	43	837	38	38	63	126	4	24	1,553	48	81	81
17	1,101	11,541	10,850	782	975	2,673	47	325	31,895	1,180	1,102	1,489
18	158	1,753	27,560	1,050	10,462	6,294	558	1,650	1,656	74	8,492	10,529
19	1,664	20,422	498,753	17,563	175,008	118,515	8,330	25,796	20,606	1,071	164,371	168,450
20	18,294	2,439	0,692	13,752	1,967	3,933	18	5,340	1,914	1,797	0,229	0,229
21	257,889	26,905	80,524	202,597	22,061	49,722	207	65,714	19,693	28,650	19,553	73,366
22	25	13	74	16	17	124	6	7	7	45	61	61
23	350	122	1,154	181	243	703	56	63	78	76	265	430
24	98,770	23,201	132,011	88,657	67,885	35,766	3,411	8,956	43,135	90,552	43,460	35,951
25	108,031	27,088	160,182	123,884	78,419	30,767	3,892	10,333	46,230	142,335	43,561	30,823
26	96,982	22,776	118,252	85,645	65,238	34,873	3,160	8,878	39,122	87,362	43,229	35,024
27	103,464	26,085	88,592	112,383	67,845	28,550	3,121	10,140	42,697	119,366	42,457	27,560
28	18,097	8,319	46,435	32,661	31,241	14,913	1,543	2,416	10,294	46,018	14,493	16,337
29	18,784	9,720	35,330	45,124	32,085	12,311	1,693	2,944	11,063	62,016	14,417	13,429
30	64,110	12,205	67,353	44,632	31,438	17,357	1,524	5,728	27,772	34,911	20,309	17,350
31	68,556	13,769	40,550	57,593	32,713	14,229	1,411	6,395	30,466	47,255	25,555	13,191
32	3,848	643	744	1,151	1,449	455	2	316	792	5,000	2,150	319
33	4,086	818	891	1,243	2,048	455	2	339	835	7,050	2,313	839
34	266	37	65	100	20	28	2	13	36	365	26	13
35	408	97	116	272	37	53	3	5	107	562	30	18
36	137	41	763	154	20	72	73	33	31	900	3	38
37	134	46	1,030	232	25	64	97	29	1,456	578	4	57
38	10,524	1,531	2,892	6,947	1,080	2,048	22	372	227	450	188	967
39	11,496	1,635	7,910	7,910	937	1,158	15	423	197	730	138	525
40	1,002	77	1,025	1,698	73	193	7	7	33	23	53	137
41	1,023	58	591	1,794	73	113	7	17	17	32	21	57
42	278	133	355	273	157	192	57	30	17	611	34	115
43	817	214	695	1,005	347	262	110	56	24	2,898	59	175
44	506	215	1,033	12,372	2,397	508	188	41	3,961	2,139	144	675
45	2,696	731	70,386	8,655	10,154	2,132	661	130	3,481	20,010	1,024	3,030
46	10,675	2,350	7,336	8,745	5,444	3,572	481	1,854	2,889	10,737	2,065	4,496
47	667,214	182,278	705,214	752,888	532,321	381,424	33,046	140,566	251,062	735,153	229,563	447,040
48	34	1	3	18	1	2	2	2	1	15	2	2
49	2,483	129	6	2,247	37	81	1	115	91	1,715	2	92
50	3,150	1,268	1,644	4,833	1,438	1,477	119	632	648	1,917	719	1,081
51	216	278	278	2	2	2	2	2	2	490	1	1
52	199,681	328,753	2,291	180	60	21,630	140	81	552,193	561	1,786	90
53	1,305	93,546	1,725	3,977	9,283	3,977	56	51	51	5	67	67
54	2,665	39,032	22,516	748	748	748	748	748	748	168	574	574
55	331	331	331	331	331	331	331	331	331	331	331	331
56	389,652	168,634	258,070	311,650	338,174	171,491	12,659	61,392	150,368	223,302	191,753	216,184
57	486,782	235,972	327,409	329,058	182,073	85,366	9,277	52,861	233,818	238,051	124,476	90,684
58	261,740	92,328	168,853	182,358	215,051	114,616	10,671	45,150	87,365	137,426	115,731	134,684
59	425,908	215,680	286,587	287,390	110,354	62,214	8,583	47,335	202,299	204,413	81,790	57,854
60	26,251	25,444	46,104	57,275	54,979	18,448	387	4,204	29,470	30,279	48,510	34,749
61	13,286	2,413	16,574	20,331	30,086	5,550	184	1,299	11,400	13,286	29,170	14,170
62	36,338	10,641	14,654	28,475	13,082	10,635	517	5,469	6,554	34,153	7,639	10,805
63	23,515	4,609	8,722	11,115	5,937	6,700	260	2,285	3,533	15,950	2,692	4,623
64	18,405	17,652	15,209	8,076	22,820	12,192	752	2,900	8,955	5,334	6,970	11,785
65	4,140	5,523	6,910	1,068	16,164	6,230	174	786	3,195	1,775	4,125	5,639
66	35,687	19,568	17,983	29,425	30,311	14,752	319	2,579	16,467	14,753	12,252	23,835
67	16,442	7,308	4,896	10,866	18,743	4,468	74	950	13,181	3,509	6,616	8,339
68	9,973	2,946	135	5,462	1,826	594	13	985	1,284	1,241	586	241
69	3,335	427	14	1,961	741	187	2	278	279	1,105	64	39
70	50,432	31,667	9,206	18,910	12,505	9,910	1,022	2,340	4,339	12,091	6,355	8,647
71	694,339	287,366	191,713	339,770	883,597	111,581	9,951	43,286	112,290	33,407	178,825	228,960
72	242	132	119	161	159	84	4	30	42	149	25	80
73	461,521	179,712	204,431	225,370	248,013	97,620	3,578	41,616	80,970	319,897	29,584	224,137
74	141	54	63	82	76	37	2	16	24	92	9	46
75	314,212	110,186	145,031	187,816	166,657	66,616	1,952	31,405	71,035	248,355	13,283	186,334
76	65	56	39	30	34	23	1	7	8	28	7	15
77	87,880	47,164	45,337	19,477	36,102	14,172	938	4,825	6,131	38,025	8,312	25,802
78	22	6	8	34	32	12	2	2	19	7	0	0
79	34,454	4,609	5,664	13,254	28,977	6,968	50	2,174	936	24,080	6,377	3,180
80	6,795	280	7,493	7,382	2,688	543	811	807	2,984	1,618	2,488	1,037
81	126,787	3,685	142,786	112,835	85,038	8,428	20,935	21,764	85,689	25,240	64,950	40,603

## AND RECEIPTS, BY COUNTIES: 1909.

1	5,534	1,183	3,608	4,181	2,623	1,392	146	660	1,883	4,345	1,828	2,080
2	771,670	164,441	339,085	925,355	232,612	157,433	16,283	86,305	200,468	1,347,817	124,353	177,267
3	306,087	58,159	115,497	388,454	93,178	52,025	5,670	22,080	84,534	385,914	40,759	46,300
4	4,527	953	2,310	4,310	2,914	1,594	64	762	1,327	4,644	2,199	1,871
5	224,122	45,758	60,363	467,881	93,026	78,148	1,982	49,348	53,771	510,037	66,073	84,113
6	5,215	1,275	4,297	4,590	3,061	1,800	926	637	1,388	4,446	1,174	2,256
7	738,146	161,652	498,355	1,051,899	257,446	232,396	29,322	85,619	103,031	1,074,453	63,062	174,032
8	245,857	89,576	131,247	875,361	124,934	99,052	7,100	31,253	153,810	543,119	125,865	70,843

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

		Clinton.	Columbia.	Crawford.	Cumberland.	Dauphin.	Delaware.	Elk.	Erie.
<b>VALUE OF ALL CROPS</b>									
1	Total.....dollars.....	883,084	2,129,044	4,001,021	3,105,263	2,375,546	1,542,914	505,426	4,439,380
2	Cereals.....dollars.....	417,180	1,163,585	1,417,012	1,953,850	1,162,496	462,951	103,102	1,243,620
3	Other grains and seeds.....dollars.....	651	712	1,388	2,098	4,439	1,229	122	5,422
4	Hay and forage.....dollars.....	182,563	411,935	1,560,707	698,127	673,317	426,703	219,698	1,288,187
5	Vegetables.....dollars.....	106,993	232,566	486,853	210,434	283,808	284,176	112,170	743,504
6	Fruits and nuts.....dollars.....	61,729	163,785	205,345	133,960	119,825	48,712	30,868	778,988
7	All other crops.....dollars.....	113,968	166,461	329,116	106,794	131,661	319,143	39,466	379,599
<b>SELECTED CROPS (acres and quantity)</b>									
<b>Cereals:</b>									
8	Total.....acres.....	80,030	85,879	83,511	127,012	81,134	17,004	7,250	72,191
9	.....bushels.....	590,215	1,649,619	2,430,214	2,551,791	1,611,936	605,291	166,744	2,158,958
10	Corn.....acres.....	10,154	23,574	22,999	44,420	27,820	9,525	1,064	19,636
11	.....bushels.....	225,895	548,505	824,102	879,323	570,988	429,181	23,870	717,376
12	Oats.....acres.....	8,419	21,063	34,772	24,921	22,507	1,584	4,472	32,797
13	.....bushels.....	195,168	501,427	1,099,861	618,518	531,923	45,360	110,926	1,063,380
14	Wheat.....acres.....	9,253	20,061	10,292	54,584	27,285	5,508	187	6,328
15	.....bushels.....	145,201	337,844	172,144	1,015,937	463,581	122,925	3,325	113,676
16	Barley.....acres.....	137	17	4	4	3	10	81	275
17	.....bushels.....	2,764	362	1,636	125	32	92	81	6,021
18	Buckwheat.....acres.....	1,065	10,048	15,155	27	207	.....	1,279	9,776
19	.....bushels.....	10,942	143,152	329,064	215	2,329	.....	18,436	205,970
20	Rye.....acres.....	1,006	11,135	177	3,038	3,300	377	239	3,378
21	.....bushels.....	10,219	118,315	3,286	37,513	43,065	7,733	4,106	52,512
<b>Other grains:</b>									
22	Dry edible beans.....acres.....	12	21	13	.....	2	5	6	105
23	.....bushels.....	95	85	182	.....	12	35	46	1,552
<b>Hay and forage:</b>									
24	Total.....acres.....	13,324	26,982	123,057	48,742	45,499	16,314	13,350	90,893
25	.....tons.....	14,645	28,822	171,887	53,110	48,708	31,906	14,686	147,731
26	All tame or cultivated grasses.....acres.....	13,095	26,777	120,555	48,434	45,198	15,305	12,763	87,280
27	.....tons.....	13,554	27,836	152,450	47,330	42,330	25,300	12,635	123,801
28	Timothy alone.....acres.....	4,218	3,924	38,630	10,630	13,970	8,160	3,722	34,873
29	.....tons.....	4,292	4,478	49,935	10,483	14,718	13,101	3,943	47,023
30	Timothy and clover mixed.....acres.....	8,373	21,214	80,672	35,501	29,009	6,213	8,201	49,906
31	.....tons.....	8,728	21,808	100,934	39,009	29,962	10,673	8,184	72,444
32	Clover alone.....acres.....	355	1,600	722	1,725	1,717	483	30	664
33	.....tons.....	393	1,474	986	1,701	1,810	914	37	1,043
34	Alfalfa.....acres.....	10	28	28	487	385	31	9	57
35	.....tons.....	18	66	47	846	668	97	8	64
36	Millet or Hungarian grasses.....acres.....	53	6	42	47	97	264	15	137
37	.....tons.....	69	7	75	44	135	424	20	290
38	Other tame or cultivated grasses.....acres.....	86	5	461	44	20	154	780	1,643
39	.....tons.....	54	3	473	45	37	151	443	1,837
40	Wild, salt, or prairie grasses.....acres.....	68	19	222	101	.....	126	87	383
41	.....tons.....	35	6	291	104	.....	185	57	308
42	Grains cut green.....acres.....	36	44	37	16	47	293	230	103
43	.....tons.....	60	165	175	42	192	718	254	239
44	Coarse forage.....acres.....	125	142	2,212	191	254	579	269	3,122
45	.....tons.....	996	815	18,811	866	1,186	5,603	1,735	23,737
<b>Special crops:</b>									
46	Potatoes.....acres.....	1,567	3,992	6,542	3,421	3,160	2,436	1,439	8,007
47	.....bushels.....	114,313	272,237	708,768	203,987	188,472	156,074	136,180	971,019
48	Sweet potatoes and yams.....acres.....	1	2	2	14	84	1	5	5
49	.....bushels.....	36	19	408	2,429	7,956	141	.....	309
50	All other vegetables.....acres.....	429	804	1,619	683	1,713	1,237	259	3,420
51	Tobacco.....acres.....	355	.....	.....	.....	104	.....	.....	.....
52	Maple trees.....number.....	158	2,096	171,031	.....	.....	.....	1,676	144,705
53	Maple sugar (made).....pounds.....	100	2,135	19,888	.....	.....	.....	40	25,664
54	Maple sirup (made).....gallons.....	60	597	62,469	.....	.....	.....	483	40,458
<b>FRUITS AND NUTS</b>									
<b>Orchard fruits:</b>									
56	Total.....trees.....	93,315	194,971	340,348	183,021	155,113	25,990	50,061	538,349
57	.....bushels.....	92,683	248,634	317,858	182,909	181,418	42,288	34,612	428,325
58	Apples.....trees.....	57,547	107,224	239,309	93,447	100,829	2,141	40,054	196,625
59	.....bushels.....	79,595	208,250	278,418	158,216	141,815	29,479	31,133	327,971
60	Peaches and nectarines.....trees.....	17,056	40,074	23,816	23,057	14,908	10,687	2,948	253,457
61	.....bushels.....	5,408	19,151	9,295	9,295	3,880	4,810	1,198	37,217
62	Pears.....trees.....	4,068	11,075	20,419	8,688	15,406	7,875	3,118	29,593
63	.....bushels.....	1,629	5,815	16,170	3,006	6,037	6,356	1,512	21,523
64	Plums and prunes.....trees.....	4,566	16,574	13,628	5,141	5,937	476	1,862	36,340
65	.....bushels.....	1,745	6,821	4,723	1,423	1,144	75	486	29,068
66	Cherries.....trees.....	9,545	18,521	9,263	18,495	14,873	4,560	2,041	18,031
67	.....bushels.....	4,158	8,317	2,251	9,442	6,777	1,460	272	10,735
68	Quinces.....trees.....	501	1,405	585	3,740	4,773	242	20	2,243
69	.....bushels.....	54	268	387	1,363	1,899	108	3	1,565
70	Grapes.....vines.....	4,842	6,392	15,809	8,830	17,555	3,321	1,242	4,236,332
71	.....pounds.....	85,863	125,026	247,461	147,023	263,772	53,831	38,003	18,927,730
<b>Small fruits:</b>									
72	Total.....acres.....	36	79	258	106	93	49	6	763
73	.....quarts.....	59,401	138,707	425,511	154,761	118,861	88,044	8,380	1,351,371
74	Strawberries.....acres.....	24	47	65	65	46	38	4	314
75	.....quarts.....	46,259	99,493	308,212	102,494	79,568	77,883	5,234	741,711
76	Raspberries and loganberries.....acres.....	8	25	71	23	33	4	(1)	340
77	.....quarts.....	6,331	30,219	71,016	40,023	30,081	3,423	240	476,734
78	Blackberries and dewberries.....acres.....	2	4	50	16	8	5	.....	45
79	.....quarts.....	2,633	4,906	33,953	8,546	4,684	4,672	.....	55,426
80	Nuts.....trees.....	1,074	2,724	7,013	287	2,064	810	35	2,233
81	.....pounds.....	28,528	83,917	232,822	13,947	64,100	8,269	1,350	76,979

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

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....Farms reporting.....	877	1,996	3,873	2,057	1,972	1,045	643	3,217
2	.....Cash expended.....dollars.....	90,624	206,808	303,519	278,274	282,022	580,307	72,563	518,091
3	.....Rent and board furnished.....dollars.....	31,099	80,047	83,509	88,703	97,907	200,899	14,025	111,169
4	Fertilizer.....Farms reporting.....	645	2,405	4,202	2,047	1,969	886	585	3,706
5	.....Amount expended.....dollars.....	26,603	146,873	98,897	92,572	107,985	107,013	31,013	169,883
6	Feed.....Farms reporting.....	743	1,357	4,352	1,834	2,023	1,019	841	3,319
7	.....Amount expended.....dollars.....	60,255	97,415	331,149	220,828	288,895	452,502	109,445	423,430
8	Receipts from sale of feedable crops.....dollars.....	46,795	99,348	233,046	188,887	115,789	68,880	17,869	187,616

AGRICULTURE—PENNSYLVANIA.

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

	Fayette.	Forest.	Franklin.	Fulton.	Greene.	Huntingdon.	Indiana.	Jefferson.	Juniata.	Lacka- wanna.	Lancaster.	Lawrence.	Lebanon.
1	2,131,743	238,413	4,496,501	864,114	2,102,661	1,852,209	2,578,028	1,759,864	1,209,575	1,101,531	13,059,588	1,768,443	2,239,232
2	903,261	75,997	2,704,780	492,769	988,021	912,730	1,204,070	718,996	698,650	110,136	5,459,810	749,589	1,270,325
3	1,084	190	17,817	5,402	1,211	1,343	2,226	1,804	4,036	134	5,702	1,799	659
4	611,154	82,996	988,498	160,509	539,087	433,203	588,284	472,080	244,510	446,225	2,287,301	531,271	624,901
5	272,055	43,198	268,314	73,265	191,839	174,053	366,135	312,256	85,832	285,359	1,137,034	241,293	183,833
6	137,076	14,718	369,246	54,392	141,064	136,036	204,572	124,040	84,836	105,018	396,038	100,065	91,409
7	205,613	21,314	157,846	77,717	240,839	192,054	152,739	131,188	91,651	153,759	3,772,983	83,526	92,045
8	55,255	5,303	162,504	38,703	53,635	66,557	97,716	53,683	48,869	9,143	220,142	46,602	79,291
9	1,351,903	122,829	3,211,007	632,768	1,493,367	1,244,204	1,937,948	1,141,313	952,072	192,528	6,507,370	1,186,051	1,645,154
10	22,736	1,077	56,998	14,007	24,976	24,126	25,790	11,803	15,791	1,250	80,825	16,032	24,455
11	717,620	38,000	1,446,845	300,849	982,709	602,961	740,570	323,824	382,277	39,014	3,287,787	508,120	467,814
12	15,130	2,419	8,524	3,107	14,282	13,904	25,452	20,560	13,311	4,651	20,093	16,158	19,751
13	371,325	57,335	208,984	61,441	330,139	293,148	526,411	471,143	287,256	101,440	622,401	434,871	526,455
14	13,248	426	17,610	13,869	13,993	21,520	17,045	6,369	17,127	19	115,568	12,099	33,063
15	186,944	7,249	1,420,014	188,323	170,340	273,868	220,951	97,532	255,975	315	2,532,406	195,122	621,336
16	12	12	13	36	3	173	125	30	13	34	23	23	12
17	255	214	811	466	21	3,506	2,244	527	153	368	610	217	217
18	3,409	1,253	157	3,767	78	3,118	20,303	11,129	1,293	2,152	33	1,397	4
19	66,409	18,445	1,239	45,451	937	35,749	356,631	198,040	13,998	37,077	541	17,496	40
20	690	112	9,187	3,917	294	3,710	8,916	3,782	1,314	1,037	3,883	9,960	1,966
21	8,749	1,519	124,380	36,218	3,038	34,920	90,621	45,165	12,413	14,309	62,879	10,442	20,168
22	33	12	.....	21	21	12	40	18	4	6	0	13	.....
23	150	76	3	139	195	122	240	167	30	60	95	141	5
24	39,300	6,306	65,038	14,118	49,850	30,128	48,918	37,186	20,019	28,488	109,943	36,403	40,070
25	41,877	6,244	76,684	14,792	49,621	33,299	42,882	34,454	20,941	55,845	144,139	44,874	43,212
26	39,113	6,232	64,732	12,634	49,792	28,539	48,496	30,543	19,938	24,704	108,672	35,783	39,453
27	41,235	6,140	74,938	13,034	49,474	31,469	40,892	31,225	20,722	25,297	140,181	46,559	41,771
28	23,630	2,350	20,272	3,425	35,435	10,515	27,324	19,659	10,843	24,149	24,349	24,399	6,702
29	25,627	2,411	23,270	8,608	35,172	11,473	23,044	11,711	4,911	12,001	28,630	27,249	6,792
30	13,677	3,709	41,144	7,988	12,579	15,376	18,104	21,908	14,173	12,681	76,882	10,536	30,983
31	13,495	3,001	47,807	8,608	12,877	17,337	15,289	18,555	14,075	12,847	102,669	12,286	32,768
32	431	48	2,898	383	171	1,723	1,105	580	945	153	3,872	632	1,301
33	525	44	2,872	381	27	1,669	1,029	624	1,031	156	4,449	829	1,503
34	121	2	281	214	32	55	7	15	31	1	544	12	292
35	311	3	507	234	27	93	14	20	54	2	955	17	523
36	492	1	87	4	107	61	83	24	5	14	627	20	52
37	669	2	99	5	108	76	102	28	10	19	707	32	55
38	853	122	80	820	1,333	809	1,333	456	49	1,012	2,907	144	123
39	608	79	74	838	1,109	761	780	287	41	735	3,371	146	130
40	46	3	55	19	.....	261	65	9	7	30	207	36	287
41	39	4	43	23	.....	205	31	11	7	3	193	42	256
42	50	32	2	22	.....	45	32	70	1	169	188	39	33
43	62	35	8	38	.....	190	133	73	2	309	1,043	133	87
44	91	38	219	1,243	58	1,283	325	564	73	1,585	775	578	297
45	239	62	848	802	46	1,345	1,826	3,145	210	10,206	2,712	3,839	1,098
46	2,113	565	3,211	793	1,965	2,253	4,118	3,940	1,524	2,763	12,654	2,511	2,966
47	163,964	56,376	218,345	74,197	128,697	175,316	399,007	397,230	89,579	263,917	831,723	221,918	162,893
48	2	4	41	14	20	6	6	6	6	6	788	37	37
49	128	.....	5,116	1,307	1,156	1,064	.....	396	.....	34	72,279	51	2,405
50	1,404	135	1,077	339	986	680	1,108	980	290	1,356	3,089	1,005	567
51	2	.....	.....	.....	.....	.....	.....	.....	35	.....	32,783	18	416
52	1,350	.....	.....	75	406	150	.....	26	46,275	.....	36,892,899	3,000	405,699
53	18,856	135	89	111	5,147	622	1,882	1,748	61	13,254	.....	3,325	.....
54	8,892	4	36	21	1,635	1,259	287	606	54	1,155	.....	.....	.....
55	11,759	38	31	60	3,428	158	1,000	679	25	5,109	.....	2,004	.....
56	249,540	22,892	315,883	106,442	243,626	189,867	291,791	245,635	110,080	108,845	273,222	184,814	131,726
57	119,711	15,629	463,231	101,371	161,686	243,760	267,617	130,809	133,727	136,779	343,177	126,591	78,185
58	110,835	18,506	178,827	77,861	144,068	115,175	157,265	125,454	57,604	87,361	138,953	110,313	62,589
59	72,548	13,760	359,525	90,683	130,406	221,203	207,105	73,839	115,208	124,440	283,119	69,476	59,856
60	64,623	2,076	87,433	9,830	35,659	34,110	67,077	74,115	28,184	4,194	49,470	38,987	19,439
61	34,369	1,083	17,362	4,238	17,044	8,712	28,072	35,494	7,858	9,422	26,324	9,862	9,862
62	9,622	1,810	11,601	4,216	7,084	10,300	11,584	9,159	5,622	8,426	25,205	6,588	7,213
63	2,202	441	4,014	915	1,858	2,790	4,712	2,957	1,611	1,611	15,834	4,756	2,588
64	22,439	526	9,400	4,842	32,018	10,427	25,863	13,102	6,122	6,080	13,991	11,246	4,449
65	1,089	154	2,789	1,133	5,558	2,442	22,328	7,922	1,497	3,544	3,696	10,456	615
66	27,504	459	21,903	8,117	21,465	17,313	27,391	23,338	11,394	2,061	43,230	14,623	13,419
67	7,165	91	16,637	4,056	4,967	8,001	4,767	10,538	7,177	523	22,783	14,228	3,889
68	6,611	7	6,294	1,357	3,339	2,450	2,514	392	1,215	74	8,685	3,000	4,196
69	1,733	.....	2,718	294	1,558	585	612	37	369	11	3,214	1,323	1,360
70	32,931	506	15,041	2,492	8,442	7,654	12,276	6,927	4,491	3,628	39,899	5,629	7,930
71	422,720	5,175	321,957	72,408	187,663	162,350	441,894	256,014	73,032	71,682	1,174,503	170,465	135,979
72	213	2	101	18	157	86	97	63	100	114	389	171	99
73	174,960	3,861	173,363	31,808	95,115	78,707	75,816	68,916	101,879	150,120	707,862	289,861	146,786
74	55	2	68	11	28	41	30	30	17	75	493	65	60
75	90,013	3,254	120,663	24,860	31,822	38,778	51,541	46,852	28,294	112,722	485,816	167,304	103,243
76	53	( <sup>1</sup> )	22	3	71	29	12	12	79	24	104	67	28
77	51,776	370	33,498	4,610	41,804	28,698	10,003	13,734	72,225	22,190	124,726	87,655	33,022
78	94	( <sup>1</sup> )	8	( <sup>1</sup> )	19	12	28	1	3	10	74	33	7
79	26,945	20	17,074	718	18,416	9,019	6,791	1,046	989	11,219	81,303	28,753	6,370
80	3,400	111	3,597	1,034	285	2,021	1,028	1,104	1,762	758	17,415	1,602	2,738
81	10,850	2,085	36,908	34,717	4,427	22,635	50,821	37,235	51,033	15,562	395,376	7,440	60,942

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,922	245	3,036	926	1,966	1,412	2,284	1,723	1,196	1,012	8,619	1,327	2,101
2	272,510	23,838	418,947	60,714	160,250	135,253	175,193	123,933	94,327	217,377	1,302,444	149,252	270,100
3	64,041	5,218	119,610	16,245	51,315	54,670	58,970	27,555	31,352	70,255	444,908	60,880	92,123
4	1,464	208	3,134	1,114	592	1,305	2,443	1,874	1,187	713	8,128	1,244	1,613
5	57,110	6,067	139,149	35,068	12,651	43,450	103,359	77,046	49,810	44,846	552,468	35,386	79,930
6	2,033	34											

AGRICULTURE—PENNSYLVANIA.

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

		Lehigh.	Luzerne.	Lycoming.	McKean.	Mercer.	Mifflin.	Monroe.	Montgomery.
<b>VALUE OF ALL CROPS</b>									
1	Total.....dollars..	2,971,075	2,562,985	2,829,829	814,721	2,891,847	1,137,948	1,098,173	4,080,295
2	Cereals.....dollars..	1,433,509	521,165	1,275,605	109,384	1,240,151	651,151	402,020	1,626,783
3	Other grains and seeds.....dollars..	906	489	835	871	1,032	1,987	818	1,007
4	Hay and forage.....dollars..	590,311	601,036	722,576	408,508	892,837	249,078	262,079	1,225,232
5	Vegetables.....dollars..	688,515	662,231	327,859	131,965	376,893	85,373	156,109	560,899
6	Fruits and nuts.....dollars..	151,074	228,113	214,413	45,866	203,820	68,591	67,054	151,729
7	All other crops.....dollars..	106,769	549,951	288,541	118,127	177,114	81,768	210,093	524,585
<b>SELECTED CROPS (acres and quantity)</b>									
<b>Cereals:</b>									
8	Total.....acres.....	85,180	41,849	91,770	9,181	75,761	46,553	34,459	85,460
9	.....bushels.....	1,862,512	757,380	1,835,355	191,755	1,928,750	914,127	591,472	2,176,275
10	Corn.....acres.....	23,261	11,762	28,078	617	23,170	15,318	9,387	36,376
11	.....bushels.....	717,987	261,247	714,870	14,689	704,578	347,992	229,924	1,178,902
12	Oats.....acres.....	17,352	11,112	25,450	6,159	26,972	11,703	7,567	16,993
13	.....bushels.....	391,368	249,828	561,227	144,526	723,205	271,346	143,177	416,127
14	Wheat.....acres.....	28,995	3,475	22,318	137	18,007	18,070	1,444	21,653
15	.....bushels.....	518,759	60,230	347,632	1,743	318,965	287,014	23,519	418,635
16	Barley.....acres.....	15	20	64	18	52	27	12	26
17	.....bushels.....	353	408	754	206	683	223	204	406
18	Buckwheat.....acres.....	307	6,326	9,684	2,177	7,073	261	5,893	42
19	.....bushels.....	5,057	70,411	146,490	29,327	114,907	2,211	89,410	569
20	Rye.....acres.....	15,248	9,248	6,171	73	486	566	10,155	10,366
21	.....bushels.....	228,955	114,806	64,282	1,264	6,386	5,228	105,213	161,476
<b>Other grains:</b>									
22	Dry edible beans.....acres.....	7	10	9	12	9	3	8	11
23	.....bushels.....	59	103	138	123	86	12	74	109
<b>Hay and forage:</b>									
24	Total.....acres.....	37,305	31,093	45,530	27,234	73,318	18,135	17,883	65,106
25	.....tons.....	42,537	35,687	49,480	34,122	81,584	21,227	18,080	66,833
26	All tame or cultivated grasses.....acres.....	37,038	29,806	43,896	25,586	71,612	18,003	17,545	62,657
27	.....tons.....	41,065	31,794	45,008	30,201	78,612	20,612	17,343	82,620
28	Timothy alone.....acres.....	3,967	12,959	10,346	6,448	39,981	3,454	5,264	24,701
29	.....tons.....	4,626	14,542	11,206	7,443	43,834	3,910	5,492	34,599
30	Timothy and clover mixed.....acres.....	25,791	15,097	31,880	18,782	29,721	13,813	8,713	30,055
31	.....tons.....	28,554	15,462	31,882	22,322	32,605	15,757	8,355	38,021
32	Clover alone.....acres.....	1,283	902	1,490	51	1,044	507	399	1,306
33	.....tons.....	1,299	1,093	1,733	75	1,304	781	399	1,775
34	Alfalfa.....acres.....	86	4	22	18	30	42	2	248
35	.....tons.....	176	4	25	18	57	65	3	633
36	Millet or Hungarian grass.....acres.....	51	161	70	87	17	19	46	198
37	.....tons.....	63	200	92	129	23	27	68	328
38	Other tame or cultivated grasses.....acres.....	5,860	684	88	200	819	78	3,124	6,149
39	.....tons.....	6,377	483	70	214	729	72	3,026	7,264
40	Wild, salt, or prairie grasses.....acres.....	49	270	1	478	210	18	187	973
41	.....tons.....	49	270	2	235	210	14	218	887
42	Grains cut green.....acres.....	47	96	74	356	75	30	31	285
43	.....tons.....	200	178	240	462	440	29	97	880
44	Coarse forage.....acres.....	171	917	1,559	791	1,416	84	120	1,180
45	.....tons.....	1,223	3,416	4,240	3,146	12,317	572	422	12,298
<b>Special crops:</b>									
46	Potatoes.....acres.....	12,026	5,833	4,872	1,901	5,643	1,218	2,394	5,643
47	.....bushels.....	1,157,733	452,763	374,162	103,006	533,975	83,709	127,153	334,124
48	Sweet potatoes and yams.....acres.....	8	3	.....	.....	2	.....	.....	20
49	.....bushels.....	511	205	50	.....	220	110	1	910
50	All other vegetables.....acres.....	1,216	3,027	1,083	416	1,119	293	690	3,752
51	Tobacco.....acres.....	.....	20	.....	.....	.....	.....	.....	5
52	.....pounds.....	.....	.....	107,501	.....	.....	.....	.....	7,210
53	Maple trees.....number.....	933	709	4,011	10,838	41,176	83	564	.....
54	Maple sugar (made).....pounds.....	2,806	2,806	5,062	5,062	603	206	37	.....
55	Maple sirup (made).....gallons.....	381	1,387	1,387	4,887	19,321	47	283	.....
<b>FRUITS AND NUTS</b>									
<b>Orchard fruits:</b>									
56	Total.....trees.....	163,714	208,579	236,940	87,471	315,892	70,403	95,613	200,967
57	.....bushels.....	173,456	269,399	346,183	72,964	156,785	113,140	115,263	148,899
58	Apples.....trees.....	150,074	158,923	53,337	53,337	194,070	42,857	72,015	100,066
59	.....bushels.....	147,701	240,383	311,922	71,197	82,210	101,863	104,849	116,206
60	Peaches and nectarines.....trees.....	30,783	20,793	37,489	30	72,251	6,635	10,327	37,327
61	.....bushels.....	8,355	12,482	17,002	14	43,811	1,429	5,758	14,056
62	Pears.....trees.....	11,111	12,394	11,290	2,267	13,917	5,267	4,886	20,068
63	.....bushels.....	6,894	6,094	4,826	1,408	8,694	2,108	2,614	10,363
64	Plums and prunes.....trees.....	6,368	13,720	9,567	1,066	14,506	3,937	2,827	6,176
65	.....bushels.....	1,220	5,715	3,757	247	9,623	1,061	905	813
66	Cherries.....trees.....	14,482	10,855	19,023	709	18,403	10,133	4,957	24,038
67	.....bushels.....	6,367	4,536	8,540	96	11,743	6,327	923	5,307
68	Quinces.....trees.....	5,938	967	588	8	2,056	1,523	571	3,743
69	.....bushels.....	2,809	190	96	1	604	344	204	1,016
70	Grapes.....vines.....	5,811	4,922	19,155	101	9,976	4,368	4,248	18,470
71	.....pounds.....	139,797	169,766	182,955	1,799	315,202	78,567	30,468	242,302
<b>Small fruits:</b>									
72	Total.....acres.....	174	146	153	10	297	55	36	136
73	.....quarts.....	251,991	281,263	298,500	11,497	573,710	84,150	44,371	230,127
74	Strawberries.....acres.....	94	76	96	5	169	25	20	95
75	.....quarts.....	176,313	212,905	243,760	7,466	436,863	43,466	32,414	196,545
76	Raspberries and loganberries.....acres.....	64	36	43	2	70	20	6	20
77	.....quarts.....	58,880	48,416	43,797	873	76,994	16,016	6,323	18,559
78	Blackberries and dewberries.....acres.....	13	24	5	1	49	8	3	12
79	.....quarts.....	11,740	14,288	5,771	1,221	48,695	3,244	2,460	6,866
80	Nuts.....trees.....	7,353	1,844	7,325	333	647	194	1,822	4,194
81	.....pounds.....	142,770	51,510	75,320	7,142	21,805	9,034	72,376	59,100

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

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....Farms reporting.....	2,005	1,908	2,005	916	2,544	953	1,427	3,650
2	Cash expended.....dollars.....	355,677	377,032	250,576	111,162	193,236	90,241	147,066	1,198,946
3	Rent and board furnished.....dollars.....	118,843	112,682	79,916	25,908	71,879	37,576	43,417	327,278
4	Fertilizer.....Farms reporting.....	2,442	1,055	2,505	507	2,668	719	1,192	3,171
5	.....Amount expended.....dollars.....	139,949	122,949	127,374	17,009	68,100	26,895	60,313	261,340
6	Feed.....Farms reporting.....	2,426	2,266	1,722	1,173	2,642	724	1,209	4,054
7	.....Amount expended.....dollars.....	301,773	386,824	160,218	172,012	182,077	54,827	119,868	1,289,704
8	Receipts from sale of feedable crops.....dollars.....	141,543	103,728	123,167	45,012	95,876	66,067	36,677	360,160



# AGRICULTURE—PENNSYLVANIA.

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

	Montour.	Northamp- ton.	Northum- berland.	Ferry.	Philadel- phia.	Pike.	Potter.	Schuylkill.	Snyder.	Somerset.	Sullivan.	Susque- hanna.	Toga.
1	834,776	2,997,429	2,168,088	1,757,207	1,785,641	369,871	1,176,853	2,191,173	1,277,137	3,014,271	512,104	2,543,845	2,829,901
2	476,095	1,664,751	1,126,170	980,877	157,830	72,226	225,509	689,797	769,714	1,231,376	135,256	387,863	591,347
3	718	1,855	2,134	5,149	1,045	172	166	2,423	2,423	1,627	99	760	2,218
4	224,855	591,137	506,573	373,450	139,054	112,994	549,903	712,058	235,499	922,142	209,432	1,396,775	1,476,256
5	59,360	449,879	249,243	125,693	638,894	77,268	188,125	470,548	110,332	428,464	43,182	329,024	304,479
6	36,522	170,022	167,688	117,240	16,124	28,622	70,346	156,717	110,505	110,724	39,234	170,492	175,844
7	37,200	119,185	116,280	154,798	842,688	78,589	142,804	161,323	58,664	319,938	84,901	258,935	279,757
8	33,248	90,875	83,115	69,049	5,769	5,919	24,689	55,481	58,059	75,468	10,364	29,414	58,988
9	699,451	2,217,655	1,497,545	1,377,004	209,910	108,991	408,916	935,054	1,068,327	2,013,062	224,450	656,010	1,042,951
10	10,201	25,148	24,793	22,819	3,607	1,651	1,157	14,855	17,827	17,033	2,309	5,735	5,628
11	246,183	884,987	473,080	546,806	162,502	41,315	30,247	242,414	402,936	658,945	62,936	172,186	150,418
12	9,374	21,003	22,715	18,292	284	1,242	14,394	14,911	15,371	34,872	4,230	14,994	31,615
13	250,092	549,810	486,337	422,573	7,122	24,856	282,120	312,403	326,393	951,335	103,142	323,097	620,695
14	10,194	26,441	26,401	23,001	1,142	122	128	11,253	20,505	11,420	501	210	866
15	163,004	511,223	435,639	364,288	26,862	2,089	1,982	194,543	292,746	180,097	8,616	3,537	16,155
16	4	36	41	4	-----	-----	85	29	15	217	100	46	1,395
17	91	601	428	36	-----	-----	1,210	542	136	5,375	1,604	938	20,630
18	1,847	1,238	3,186	1,235	-----	-----	8,753	1,563	1,292	8,755	2,810	7,695	16,962
19	23,682	21,667	33,949	13,183	-----	-----	89,780	18,243	13,430	177,990	42,204	148,165	225,717
20	1,627	16,810	5,976	2,798	726	1,449	169	12,862	3,046	3,152	414	730	588
21	16,379	249,147	68,054	30,118	13,424	16,040	2,934	166,793	32,669	38,898	5,948	8,927	9,025
22	-----	24	4	4	1	4	7	3	1	40	4	38	54
23	-----	300	32	22	6	48	45	25	6	403	37	272	775
24	12,910	32,765	32,246	30,270	5,420	6,882	45,423	35,711	21,136	63,718	15,476	108,024	107,805
25	15,355	49,189	34,160	32,185	9,108	7,423	46,693	41,471	20,501	73,315	15,517	138,964	128,340
26	12,706	32,234	31,046	30,078	5,123	6,493	43,780	35,458	21,021	61,097	14,928	100,481	100,117
27	14,506	39,280	32,380	31,953	8,450	6,780	41,674	41,052	19,722	62,416	14,376	89,687	94,595
28	2,827	2,207	4,374	8,327	2,435	2,585	11,249	11,203	1,427	21,944	3,342	26,068	35,925
29	3,508	2,687	5,050	9,060	4,034	2,555	10,659	13,680	1,342	24,113	2,964	22,006	35,057
30	9,220	26,360	25,067	20,132	2,263	2,570	31,729	21,609	18,797	35,962	10,863	69,304	62,966
31	10,224	32,307	26,198	21,206	3,820	2,822	30,169	24,242	17,625	35,185	10,743	64,447	58,164
32	572	978	983	1,337	15	49	117	2,027	788	954	86	257	831
33	642	1,081	930	1,362	61	145	145	2,396	744	1,178	138	332	890
34	57	38	63	38	6	1	15	57	5	14	12	21	10
35	102	68	142	56	19	2	17	88	38	10	12	32	32
36	10	36	21	17	88	44	358	69	-----	30	9	272	84
37	20	52	27	23	165	45	338	94	-----	30	18	409	115
38	10	2,617	38	227	311	1,238	312	403	3	2,185	616	4,529	301
39	10	2,995	30	246	396	1,295	296	552	6	1,900	501	2,401	247
40	-----	236	48	83	106	282	138	139	12	575	364	274	242
41	-----	255	42	78	116	316	92	140	14	513	174	125	121
42	28	21	46	1	137	14	201	59	2	19	85	1,374	195
43	60	216	140	4	243	18	225	90	4	39	252	7,506	428
44	176	508	107	45	93	1,304	55	101	2,026	99	5,889	7,249	7,249
45	793	2,418	1,592	141	193	309	4,702	189	761	10,346	715	41,616	33,214
46	804	5,264	4,395	1,714	1,540	735	4,704	7,694	2,162	4,869	839	4,210	4,622
47	58,007	481,128	235,913	109,665	140,083	60,566	403,857	496,463	136,360	573,109	70,341	463,485	383,874
48	-----	3	42	20	-----	-----	-----	6	-----	-----	-----	-----	6
49	-----	296	1,148	1,350	6	-----	-----	294	-----	24	-----	-----	103
50	208	1,422	1,331	457	4,127	341	509	2,205	308	1,062	82	1,065	1,036
51	-----	15	1	1	-----	-----	-----	-----	-----	-----	-----	-----	761
52	-----	10,025	1,205	140	-----	-----	-----	-----	-----	-----	-----	-----	845,957
53	32	3	329	3	5,233	-----	53,400	-----	42	284,603	15,414	71,302	130,715
54	-----	-----	356	-----	343	-----	42,261	-----	43	819,486	7,772	20,657	112,866
55	19	2	72	-----	1,519	-----	15,280	-----	6	84,819	4,173	22,974	22,877
56	51,374	143,997	207,063	139,600	10,196	39,104	109,422	207,840	144,425	261,478	57,457	248,697	215,901
57	52,760	154,065	264,413	188,373	17,184	75,904	158,472	175,001	163,916	172,477	101,190	312,633	418,997
58	28,072	80,778	116,463	79,385	4,568	32,172	96,721	141,105	64,290	185,926	44,435	208,614	180,136
59	42,464	124,613	227,892	163,462	9,808	73,014	154,705	152,110	131,595	145,511	96,383	294,386	398,588
60	12,444	20,378	36,407	32,758	1,550	1,762	741	15,051	56,536	19,701	5,137	11,476	7,504
61	5,917	11,615	15,968	9,094	1,720	867	109	2,772	19,525	5,003	1,615	5,910	3,295
62	2,463	9,609	12,407	6,007	2,980	2,050	4,307	21,388	5,168	10,732	3,011	12,583	10,446
63	1,087	6,195	5,653	3,460	5,118	1,075	2,597	3,161	4,307	1,890	8,034	8,034	8,141
64	3,017	5,322	13,227	5,480	119	1,040	2,498	12,736	5,255	11,363	2,437	7,846	8,234
65	1,047	1,144	3,346	1,685	72	344	344	3,250	1,681	4,276	818	2,508	3,979
66	4,785	13,637	24,707	13,445	949	2,020	2,137	14,218	11,898	33,038	2,360	7,902	9,506
67	2,136	8,072	10,680	9,762	446	598	381	5,718	7,565	13,182	585	1,740	1,981
68	533	4,775	3,630	2,443	29	59	10	3,200	1,244	571	63	175	42
69	109	2,382	835	873	20	6	1	795	386	143	15	45	4
70	1,448	5,013	11,741	3,884	1,303	1,689	184	16,891	2,651	8,289	1,204	4,513	2,634
71	25,024	139,259	221,915	104,043	13,335	29,284	2,628	266,570	68,839	215,413	21,623	112,068	59,351
72	20	159	125	55	16	15	14	130	152	36	1	62	67
73	31,325	325,020	174,894	67,062	26,522	19,389	26,125	221,230	228,667	30,270	2,439	130,404	112,434
74	10	90	63	22	13	7	8	98	61	10	1	32	27
75	19,036	241,271	113,549	38,072	23,822	12,782	20,076	198,243	127,083	13,537	1,769	91,550	85,677
76	8	44	45	17	2	2	2	6	75	15	(1)	21	23
77	11,049	57,034	45,254	18,958	1,375	2,566	1,729	5,878	86,431	8,958	(1)	30,845	10,620
78	1	10	12	14	1	4	(1)	15	5	5	5	4	7
79	680	16,621	9,180	8,212	950	2,274	350	5,233	13,684	4,973	335	2,951	5,447
80	481	2,010	5,497	1,345	24	413	744	4,137	2,985	630	1,249	7,225	4,101
81	12,900	45,804	132,325	57,900	320	8,042	12,252	110,094	93,890	26,138	18,616	108,234	88,820

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

1	598	2,800	1,907	1,792	627	476	1,322	2,105	1,813	2,185	553	2,466	2,615
2	72,927	324,510	220,853	123,754	635,890	92,096	108,029	284,466	74,326	218,105	35,206	241,311	273,951
3	30,904	114,152	85,992	39,247	154,899	21,341	80,391	106,852	19,103	81,378	11,375	62,938	76,973
4	737	2,730	2,118	1,700	535	233	788	2,330	1,375	2,635	638	1,746	1,542
5	37,237	125,349	111,957	61,589	118,055	8,156	25,075	179,841	53,133	123,187	17,498	49,981	51,662
6	557	2,453	1,629	1,279	479	693	1,574	2,003	791	2,097	638	3,582	2,782
7	50,317	306,											

AGRICULTURE—PENNSYLVANIA.

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

		Union.	Venango.	Warren.	Washington.	Wayne.	Westmoreland.	Wyoming.	York.
<b>VALUE OF ALL CROPS</b>									
1	Total.....	dollars.. 1,296,965	1,490,678	1,308,446	3,859,007	1,729,427	4,142,584	918,967	7,224,269
2	Cereals.....	dollars.. 739,235	542,649	282,532	1,899,436	224,042	1,804,349	207,735	4,104,090
3	Other grains and seeds.....	dollars.. 1,008	749	557	3,157	703	3,005	208	9,554
4	Hay and forage.....	dollars.. 367,887	444,061	562,855	1,097,420	931,592	1,291,439	360,248	1,819,801
5	Vegetables.....	dollars.. 79,473	260,050	200,865	404,715	284,198	494,715	175,889	739,529
6	Fruits and nuts.....	dollars.. 68,523	77,422	99,087	233,302	153,793	366,893	102,000	384,546
7	All other crops.....	dollars.. 40,839	165,247	162,750	220,968	165,039	212,183	73,881	660,749
<b>SELECTED CROPS (acres and quantity)</b>									
<b>Cereals:</b>									
8	Total.....	acres.. 47,607	36,468	19,045	80,888	14,810	110,129	19,681	202,242
9	Corn.....	bushels.. 992,181	892,664	492,664	2,871,287	387,476	2,807,925	345,980	5,224,917
10	Oats.....	acres.. 14,308	9,260	4,033	36,625	3,031	39,489	4,430	78,597
11	Wheat.....	bushels.. 346,750	284,567	128,083	1,665,881	97,640	1,410,787	113,516	2,402,419
12	Barley.....	acres.. 13,604	14,515	10,210	28,701	5,828	36,948	5,236	26,528
13	Buckwheat.....	bushels.. 335,206	386,461	280,492	788,882	149,675	930,629	98,902	799,354
14	Rye.....	acres.. 18,398	4,100	766	25,125	14	28,920	461	83,920
15	Other grains.....	bushels.. 295,023	65,435	12,836	409,111	286	390,857	7,197	1,818,050
16	Hay and forage.....	acres.. 14	51	290	67	46	64	11	73
17	Dry edible beans.....	bushels.. 246	705	3,869	1,221	1,150	1,073	169	1,634
18	Other grains.....	acres.. 208	8,377	3,686	1,03	4,834	2,671	6,881	741
19	Rye.....	bushels.. 2,017	152,714	68,492	1,099	94,613	44,559	98,058	10,802
20	Other grains.....	acres.. 1,075	157	90	237	1,034	2,130	2,549	12,342
21	Dry edible beans.....	bushels.. 12,939	1,862	1,392	3,356	14,032	24,513	27,978	191,199
<b>Other grains:</b>									
22	Dry edible beans.....	acres.. 13	13	13	82	19	13	5	17
23	Hay and forage.....	bushels.. 3	159	120	242	254	99	64	146
<b>Hay and forage:</b>									
24	Total.....	acres.. 23,328	41,010	39,489	88,693	65,890	80,747	27,359	92,463
25	All tame or cultivated grasses.....	tons.. 28,772	39,297	61,748	106,984	73,915	91,097	34,408	101,947
26	Timothy alone.....	acres.. 19,444	40,316	37,024	87,292	63,036	75,236	25,683	61,611
27	Timothy and clover mixed.....	tons.. 22,900	36,849	46,769	92,213	59,284	81,826	22,489	67,612
28	Clover alone.....	acres.. 2,313	12,739	9,943	64,014	17,080	47,233	15,343	16,654
29	Alfalfa.....	tons.. 2,598	11,807	11,819	66,051	17,526	52,096	13,220	18,749
30	Millet or Hungarian grass.....	acres.. 16,534	26,065	26,066	21,404	28,268	25,395	9,841	68,694
31	Other tame or cultivated grasses.....	tons.. 19,626	23,873	34,294	23,343	27,303	26,630	8,786	73,085
32	Wild, salt, or prairie grasses.....	acres.. 538	455	135	755	169	2,067	239	1,753
33	Grains cut green.....	tons.. 608	536	175	1,037	259	2,488	300	1,955
34	Coarse forage.....	acres.. 8	11	2	80	8	85	6	161
35	Other tame or cultivated grasses.....	tons.. 18	19	5	169	8	163	7	234
36	Wild, salt, or prairie grasses.....	acres.. 7	33	121	275	356	174	4	74
37	Grains cut green.....	tons.. 8	41	244	478	512	244	9	92
38	Coarse forage.....	acres.. 44	1,013	217	704	17,155	282	250	3,270
39	Other tame or cultivated grasses.....	tons.. 42	573	232	535	13,671	205	167	3,477
40	Wild, salt, or prairie grasses.....	acres.. 25	186	200	293	293	10	3	275
41	Grains cut green.....	tons.. 53	99	162	311	311	7	2	296
42	Coarse forage.....	acres.. 37	64	195	83	430	78	29	127
43	Other tame or cultivated grasses.....	tons.. 115	255	385	367	680	100	51	334
44	Wild, salt, or prairie grasses.....	acres.. 3,821	442	2,032	1,318	2,108	5,422	1,644	450
45	Grains cut green.....	tons.. 5,696	2,070	14,040	14,384	13,852	9,139	11,865	2,805
<b>Special crops:</b>									
46	Potatoes.....	acres.. 1,470	2,745	3,042	3,128	2,882	4,540	2,449	10,841
47	Sweet potatoes and yams.....	bushels.. 97,101	304,457	342,101	297,090	286,268	378,139	208,459	732,112
48	All other vegetables.....	acres.. 1	1	1	1	1	1	1	80
49	Tobacco.....	bushels.. 101	3	3	68	45	45	12,959	12,959
50	Maple trees.....	acres.. 210	784	598	1,960	1,030	2,069	761	4,100
51	Maple sugar (made).....	number.. 3	2	2	32	32	32	32	6,134
52	Maple sirup (made).....	pounds.. 2,500	572	572	32	32	32	32	6,281,294
53	Maple sugar (made).....	number.. 300	4,295	53,231	3,344	71,190	8,037	4,281	15
54	Maple sirup (made).....	pounds.. 694	42	31,210	518	9,553	2,775	1,098	.....
55	Maple sirup (made).....	gallons.. 49	1,992	14,041	2,389	21,462	5,659	1,540	5
<b>FRUITS AND NUTS</b>									
<b>Orchard fruits:</b>									
56	Total.....	trees.. 80,040	164,254	135,889	293,327	218,025	419,716	113,369	438,702
57	Apples.....	bushels.. 105,759	77,991	204,289	186,247	315,226	392,771	138,390	450,951
58	Peaches and nectarines.....	trees.. 44,101	110,984	120,422	143,117	191,329	185,035	77,975	238,734
59	Pears.....	bushels.. 92,833	55,953	196,280	133,665	300,025	295,649	120,798	387,795
60	Plums and prunes.....	trees.. 21,558	32,630	4,479	56,309	7,624	100,334	17,044	92,844
61	Cherries.....	bushels.. 5,376	15,337	1,908	26,696	4,953	57,267	9,075	23,501
62	Quinces.....	trees.. 3,335	6,930	6,385	15,436	9,739	25,680	5,568	34,757
63	Other orchard fruits.....	bushels.. 2,187	2,510	4,956	3,969	7,705	5,939	2,795	13,494
64	Plums and prunes.....	trees.. 3,421	5,025	2,827	40,092	4,884	42,579	6,531	23,389
65	Cherries.....	bushels.. 1,074	1,623	775	7,307	1,507	5,253	5,704	5,704
66	Quinces.....	trees.. 7,037	8,176	1,740	27,018	4,296	52,762	3,285	39,290
67	Other orchard fruits.....	bushels.. 4,200	2,177	343	9,427	1,050	20,566	1,811	16,921
68	Grapes.....	trees.. 542	484	29	11,211	131	13,108	126	8,933
69	Other orchard fruits.....	bushels.. 114	80	4	5,130	15	4,051	16	3,327
70	Grapes.....	vines.. 2,419	5,603	3,403	65,275	2,984	73,760	3,151	43,155
71	Other orchard fruits.....	pounds.. 66,894	122,747	70,732	526,015	77,219	795,681	93,452	728,692
<b>Small fruits:</b>									
72	Total.....	acres.. 62	85	86	228	31	309	53	486
73	Strawberries.....	quarts.. 74,175	95,818	165,724	253,830	51,334	349,305	110,437	884,035
74	Raspberries and loganberries.....	acres.. 37	25	40	92	12	108	18	239
75	Blackberries and dewberries.....	quarts.. 51,998	48,571	111,808	140,709	32,934	194,545	61,499	527,632
76	Other small fruits.....	acres.. 19	38	30	65	6	85	28	188
77	Nuts.....	quarts.. 19,449	29,096	46,184	51,345	6,609	53,801	40,656	283,592
78	Other nuts.....	acres.. 4	15	5	55	2	65	5	45
79	Nuts.....	quarts.. 1,712	11,419	3,633	44,531	2,630	58,257	5,440	62,986
80	Other nuts.....	trees.. 3,250	366	2,189	376	3,938	692	3,077	14,016
81	Nuts.....	pounds.. 110,024	18,704	27,065	11,275	81,833	20,407	52,794	159,107

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

		Union.	Venango.	Warren.	Washington.	Wayne.	Westmoreland.	Wyoming.	York.	
1	Labor.....	Farms reporting.....	1,139	1,370	1,535	2,908	1,845	2,901	1,041	6,291
2	Cash expended.....	dollars.. 109,282	147,295	141,404	416,983	164,724	430,559	102,244	623,952	
3	Rent and board furnished.....	dollars.. 45,835	38,371	25,947	133,704	53,571	170,087	30,677	189,565	
4	Fertilizer.....	Farms reporting.....	1,067	1,506	1,136	1,247	1,220	2,019	7,475	
5	Amount expended.....	dollars.. 43,456	43,227	26,207	38,151	29,588	71,115	11,558	561,061	
6	Feed.....	Farms reporting.....	830	1,621	2,049	2,386	2,922	3,082	1,282	5,988
7	Amount expended.....	dollars.. 73,593	181,037	207,523	292,112	482,284	400,324	178,156	591,355	
8	Receipts from sale of feedable crops.....	dollars.. 84,799	51,354	37,011	228,220	34,875	317,581	43,796	365,767	

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

	THE STATE.	Adams.	Allegheny.	Armstrong.	Beaver.	Bedford.	Berks.	Blair.	Bradford.	Bucks.
1	Inclosures reporting domestic animals . . .	1,581	9,508	1,810	1,480	1,933	2,776	2,501	1,619	2,160
2	Value of domestic animals.....dollars..	230,625	4,253,306	337,948	352,410	247,647	842,812	534,346	278,284	458,835
3	<b>Cattle:</b>									
4	Total number.....	519	5,523	1,397	620	2,117	676	1,560	1,023	483
5	Value.....dollars..	16,540	236,724	45,322	20,724	61,843	22,478	53,827	34,409	20,396
6	Number of dairy cows.....	398	4,677	1,090	520	1,657	503	1,200	753	363
7	<b>Horses:</b>									
8	Total number.....	1,516	23,490	1,926	2,336	1,351	5,536	2,723	1,845	2,955
9	Value.....dollars..	191,606	3,702,929	253,633	318,792	180,512	775,192	447,883	240,143	407,517
10	Number of mature horses.....	1,501	23,417	1,885	2,308	1,326	5,521	2,711	1,817	2,936
11	<b>Mules and asses and burros:</b>									
12	Total number.....	19	1,873	270	74	70	139	130	7	122
13	Value.....dollars..	2,325	274,082	32,675	10,455	9,035	18,025	18,120	600	20,683
14	Number of mature mules.....	16	1,854	270	71	70	137	128	5	117
15	<b>Swine:</b>									
16	Total number.....	2,322	1,856	835	285	2,100	3,156	1,499	355	1,034
17	Value.....dollars..	20,137	25,022	6,181	2,320	15,676	26,921	13,851	3,004	9,921
18	<b>Sheep and goats:</b>									
19	Total number.....	4	2,109	22	19	128	35	125	3	54
20	Value.....dollars..	17	14,549	137	119	581	196	605	8	318

	Butler.	Cambria.	Cameron.	Carbon.	Center.	Chester.	Clarion.	Clearfield.	Clinton.	Columbia.
1	Inclosures reporting domestic animals . . .	1,846	4,608	213	1,123	2,653	2,785	1,341	4,789	1,217
2	Value of domestic animals.....dollars..	363,839	855,628	40,959	253,363	349,513	728,108	192,523	597,039	178,169
3	<b>Cattle:</b>									
4	Total number.....	1,033	4,684	214	679	2,685	851	1,250	5,705	866
5	Value.....dollars..	36,862	166,878	6,961	22,666	76,210	36,694	36,808	167,985	25,982
6	Number of dairy cows.....	871	3,678	177	547	1,867	701	989	4,229	670
7	<b>Horses:</b>									
8	Total number.....	2,945	3,432	217	1,170	1,708	4,488	1,157	2,244	940
9	Value.....dollars..	312,918	606,723	32,266	195,922	222,829	661,756	143,556	300,773	137,287
10	Number of mature horses.....	2,900	3,404	216	1,164	1,672	4,463	1,135	2,210	936
11	<b>Mules and asses and burros:</b>									
12	Total number.....	70	1,473	9	279	194	143	54	982	27
13	Value.....dollars..	9,530	169,236	1,200	29,880	21,850	21,634	5,410	109,083	3,675
14	Number of mature mules.....	67	1,468	9	279	194	139	52	978	26
15	<b>Swine:</b>									
16	Total number.....	578	1,471	60	400	3,162	901	902	2,185	1,335
17	Value.....dollars..	4,428	12,313	532	4,037	28,395	7,755	6,314	18,175	11,179
18	<b>Sheep and goats:</b>									
19	Total number.....	22	100	.....	175	59	43	88	203	15
20	Value.....dollars..	101	478	.....	858	229	269	435	1,023	46

	Crawford.	Cumber-land.	Dauphin.	Delaware.	Elk.	Erie.	Fayette.	Forest.	Franklin.	Fulton.
1	Inclosures reporting domestic animals . . .	1,299	2,041	2,343	2,230	1,018	1,925	3,981	552	2,411
2	Value of domestic animals.....dollars..	304,962	353,154	698,688	825,877	181,969	558,177	1,044,660	82,527	339,205
3	<b>Cattle:</b>									
4	Total number.....	869	573	534	992	1,164	771	3,944	785	1,140
5	Value.....dollars..	32,913	19,720	17,739	48,746	38,112	30,024	143,365	22,129	34,503
6	Number of dairy cows.....	675	471	436	798	886	640	2,996	545	903
7	<b>Horses:</b>									
8	Total number.....	1,870	2,337	3,507	4,806	856	3,373	5,143	444	2,168
9	Value.....dollars..	267,926	299,421	537,963	743,861	128,975	518,699	777,960	58,155	262,406
10	Number of mature horses.....	1,837	2,325	3,798	4,786	852	3,350	5,121	438	2,148
11	<b>Mules and asses and burros:</b>									
12	Total number.....	11	72	310	151	53	30	750	3	47
13	Value.....dollars..	1,445	10,855	122,761	22,986	11,225	5,835	104,458	775	4,643
14	Number of mature mules.....	8	66	308	144	53	29	747	3	44
15	<b>Swine:</b>									
16	Total number.....	294	2,617	2,305	1,240	405	300	1,934	166	4,321
17	Value.....dollars..	2,659	22,551	20,499	9,818	3,595	3,579	18,551	1,353	37,448
18	<b>Sheep and goats:</b>									
19	Total number.....	5	134	73	86	12	7	45	20	31
20	Value.....dollars..	19	607	326	466	62	40	326	115	205

	Greene.	Hunting-don.	Indiana.	Jefferson.	Juniata.	Lacka-wanna.	Lancaster.	Lawrence.	Lebanon.	Lehigh.
1	Inclosures reporting domestic animals . . .	964	1,484	2,212	2,195	628	5,813	4,657	1,446	1,733
2	Value of domestic animals.....dollars..	220,207	224,103	351,186	314,787	87,933	1,863,022	1,028,713	339,048	321,569
3	<b>Cattle:</b>									
4	Total number.....	761	1,080	1,792	1,931	431	3,731	1,169	603	362
5	Value.....dollars..	26,834	32,719	66,084	64,067	11,800	141,394	47,871	22,957	12,439
6	Number of dairy cows.....	605	884	1,519	1,589	301	3,026	844	504	295
7	<b>Horses:</b>									
8	Total number.....	1,337	1,017	1,776	1,418	491	6,721	6,171	2,024	2,091
9	Value.....dollars..	183,407	148,667	246,718	194,725	61,458	1,202,243	915,269	298,955	277,644
10	Number of mature horses.....	1,306	1,008	1,716	1,403	485	6,693	6,157	2,000	2,087
11	<b>Mules and asses and burros:</b>									
12	Total number.....	25	179	252	378	49	3,263	180	90	87
13	Value.....dollars..	3,400	27,465	27,711	46,680	7,440	501,261	28,380	14,250	14,890
14	Number of mature mules.....	23	179	250	376	49	3,257	175	85	86
15	<b>Swine:</b>									
16	Total number.....	624	1,667	1,063	1,261	777	1,377	3,558	320	1,770
17	Value.....dollars..	5,992	15,165	10,209	8,594	7,068	15,652	36,792	2,571	16,463
18	<b>Sheep and goats:</b>									
19	Total number.....	135	44	61	124	12	302	69	51	28
20	Value.....dollars..	574	147	464	781	67	2,472	461	315	133

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

	Lucerne.	Lycoming.	McKean.	Mercer.	Mifflin.	Monroe.	Montgomery.	Montour.	Northampton.	Northumberland.
1 Inclosures reporting domestic animals...	8,677	2,182	1,690	1,762	1,169	551	3,732	300	2,767	2,854
2 Value of domestic animals.....dollars..	1,912,158	456,883	393,697	336,404	141,666	112,224	1,195,277	59,304	647,227	527,470
<b>Cattle:</b>										
3 Total number.....	5,517	1,210	1,763	1,099	494	281	803	145	660	1,627
4 Value.....dollars..	207,496	36,643	61,263	39,478	14,110	9,200	42,428	4,481	22,532	53,482
5 Number of dairy cows.....	4,613	619	1,303	871	376	223	665	117	496	1,294
<b>Horses:</b>										
6 Total number.....	8,272	2,506	2,134	2,255	773	743	7,542	401	3,996	2,675
7 Value.....dollars..	1,373,257	397,443	324,020	284,822	102,303	97,167	1,134,042	52,022	560,456	398,178
8 Number of mature horses.....	8,246	2,491	2,114	2,211	765	741	7,519	400	3,893	2,665
<b>Mules and asses and burros:</b>										
9 Total number.....	2,265	22	29	54	57	13	69	3	72	366
10 Value.....dollars..	303,006	3,221	6,025	8,275	9,375	2,100	9,405	235	9,235	57,105
11 Number of mature mules.....	2,209	21	26	54	56	5	60	3	69	363
<b>Swine:</b>										
12 Total number.....	2,758	2,058	263	375	1,929	369	845	303	2,650	2,037
13 Value.....dollars..	25,047	19,354	2,159	2,946	15,725	3,407	7,314	2,526	23,767	17,744
<b>Sheep and goats:</b>										
14 Total number.....	614	18	55	149	28	21	202	6	207	174
15 Value.....dollars..	3,352	222	230	943	153	290	2,088	40	1,237	961

	Perry.	Philadelphia.	Pike.	Potter.	Schuylkill.	Snyder.	Somerset.	Sullivan.	Susquehanna.
1 Inclosures reporting domestic animals...	796	8,960	117	844	4,777	1,002	2,855	468	908
2 Value of domestic animals.....dollars..	130,605	7,677,994	33,159	157,415	1,158,916	106,669	451,312	66,748	211,672
<b>Cattle:</b>									
3 Total number.....	355	1,482	65	851	3,200	420	2,679	545	535
4 Value.....dollars..	11,135	70,842	2,002	30,306	110,600	11,189	90,203	15,887	20,395
5 Number of dairy cows.....	277	1,191	37	664	2,349	313	2,118	412	392
<b>Horses:</b>									
6 Total number.....	710	48,224	234	833	4,874	580	2,139	327	1,221
7 Value.....dollars..	101,787	7,293,112	29,825	123,052	800,574	75,195	316,305	44,613	177,396
8 Number of mature horses.....	706	48,184	232	822	4,863	579	2,122	319	1,198
<b>Mules and asses and burros:</b>									
9 Total number.....	49	1,297	29	6	1,550	20	219	25	69
10 Value.....dollars..	9,350	204,153	775	767	229,656	2,900	26,160	4,600	11,755
11 Number of mature mules.....	48	1,249	3	5	1,522	20	211	24	67
<b>Swine:</b>									
12 Total number.....	928	15,496	55	276	1,821	1,931	2,201	188	186
13 Value.....dollars..	8,158	103,409	441	2,875	15,437	17,348	18,354	1,648	1,605
<b>Sheep and goats:</b>									
14 Total number.....	47	849	33	96	660	11	67	.....	93
15 Value.....dollars..	175	5,578	116	415	2,649	37	290	.....	521

	Tioga.	Union.	Venango.	Warren.	Washington.	Wayne.	Westmoreland.	Wyoming.	York.
1 Inclosures reporting domestic animals...	1,661	793	1,477	1,031	3,012	549	5,106	528	4,066
2 Value of domestic animals.....dollars..	281,640	112,227	296,958	220,684	681,719	113,036	1,134,351	94,412	743,707
<b>Cattle:</b>									
3 Total number.....	1,500	345	1,261	1,103	1,956	388	4,255	431	919
4 Value.....dollars..	47,547	9,959	42,644	37,019	75,677	13,032	148,162	14,090	32,520
5 Number of dairy cows.....	1,085	243	996	785	1,606	302	3,395	329	660
<b>Horses:</b>									
6 Total number.....	1,605	677	1,931	1,209	4,093	746	6,227	616	4,696
7 Value.....dollars..	215,926	92,885	248,424	179,892	510,815	103,129	828,236	77,860	633,454
8 Number of mature horses.....	1,554	676	1,919	1,191	4,049	740	6,148	609	4,680
<b>Mules and asses and burros:</b>									
9 Total number.....	147	10	17	4	595	6	959	9	151
10 Value.....dollars..	14,245	965	1,700	650	88,424	765	139,240	725	22,370
11 Number of mature mules.....	147	10	17	3	588	6	940	8	148
<b>Swine:</b>									
12 Total number.....	358	960	467	304	873	161	2,006	150	5,694
13 Value.....dollars..	3,419	8,408	3,988	2,997	7,341	1,100	17,506	1,646	54,971
<b>Sheep and goats:</b>									
14 Total number.....	122	2	41	25	363	2	226	16	93
15 Value.....dollars..	503	10	202	126	1,462	10	1,207	91	392