



# WEST VIRGINIA.

## FARMS AND FARM PROPERTY.

West Virginia ranks fortieth in land area and twenty-eighth in population among the states and territories of continental United States.

Within the eastern counties of West Virginia are to be found several broad limestone valleys whose soils constitute the most fertile agricultural lands of the state. From the northeast corner of the state extending south and southwest to the Big Sandy River is a belt of mountains, interspersed with narrow valleys. The mountain soils are better adapted to forestry than agriculture. Clay soil is found in limited areas in the higher portions of this region, while the "stream and upland alluviums" are found on the gentler slopes and in the valleys. The sandy soil which prevails in the extreme northeastern part is the least productive of the soils of this belt. West of the mountains is a large area of broad flat hills better fitted for grazing than for cultivation, but among the hills are many streams that enrich a naturally fertile soil. The remainder of the state has a gently rolling surface extending to the Ohio River. The soil is rich, consisting of clay and sand loams, mingled with humus and vegetable matter and enriched by disintegrated limestone.

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. Almost two-thirds of the state's entire land area is in farms, and the first map shows that most of the counties in the northern half of the state have three-fifths or more of their land in farms, 5 counties being in the "90 to 95 per cent" class and four in the "95 to 100 per cent" class. Much of the southern half of the state has less than three-fifths of its land in farms, and a large group of counties falls in the "20 to 40 per cent" class. The average value per acre of farm land for the whole state is \$20.65, and the second map shows that all but 17 counties fall in the "\$10 to \$25 per acre" class. Small groups of counties along the northern and southern boundaries of the state are in the "\$25 to \$50 per acre" class, and in 2 counties the value of land averages more than \$50 per acre.

**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.....	1, 221, 119	958, 800	262, 319	27.4
Number of all farms.....	96, 685	92, 874	3, 811	4.1
Approximate land area of the state.....acres..	15, 374, 080	15, 374, 080		
Land in farms.....acres..	10, 026, 442	10, 654, 513	-628, 071	-5.9
Improved land in farms.....acres..	5, 521, 757	5, 498, 981	22, 776	0.4
Average acres per farm.....	103.7	114.7	-11.0	-9.6
<b>Value of farm property:</b>				
Total.....	\$314, 738, 540	\$203, 907, 340	\$110, 831, 191	54.4
Land.....	207, 075, 759	134, 269, 110	72, 806, 649	54.2
Buildings.....	57, 315, 195	34, 026, 560	23, 288, 635	68.4
Implements and machinery.....	7, 011, 513	5, 040, 420	1, 971, 093	39.1
Domestic animals, poultry, and bees.....	43, 336, 073	30, 571, 259	12, 764, 814	41.8
Average value of all property per farm.....	\$3, 255	\$2, 196	\$1, 059	48.2
Average value of land per acre.....	\$20.65	\$12.60	\$8.05	63.9

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

Between 1900 and 1910 there was an increase of 262,319, or 27.4 per cent, in the population of the state, but an increase of only 3,811, or 4.1 per cent, in the number of farms, while the land in farms decreased 628,071, or 5.9 per cent, and the improved land in farms increased 22,776 acres, or only 0.4 per cent. As a result of the decrease in farm acreage and of the increase in the number of farms, the average size of farms decreased from 114.7 to 103.7 acres, or 9.6 per cent.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic

animals, poultry, and bees), shows an increase in value during the decade of \$110,831,000, or 54.4 per cent. This great increase is chiefly made up of increases of \$72,807,000 in the value of land and of \$23,289,000 in the value of buildings, the former representing a rise of \$8.05, or 63.9 per cent, in average value per acre. There was an increase of \$14,736,000 in the value of farm equipment, which includes implements and machinery and live stock, of which almost seven-eighths represents the gain in the value of live stock, and the remainder the increase in the value of imple-

ments and machinery. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The average value of a farm with its equipment in 1900 was \$2,196, while in 1910 it was \$3,255. The average value of land rose from \$12.60 per acre in 1900 to \$20.65 in 1910; this advance being accompanied by increases in the average value per farm of implements and machinery and of live stock.

**Population, number of farms, and farm acreage: 1870 to 1910.**—The table following presents, for the state as a whole for each census from 1870 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.	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.....	\$314,738,540	54.4	\$264,300,054	57.1	\$7,011,513	39.1	\$43,336,073	41.8
1900.....	203,907,349	13.9	108,295,670	10.8	5,040,420	01.7	30,671,259	27.6
1890.....	178,961,330	16.5	151,880,300	14.1	3,116,420	15.5	23,964,610	35.1
1880.....	153,588,725	58.8	133,147,175	63.8	2,609,163	59.7	17,742,387	29.1
1870 <sup>1,2</sup> .....	90,714,100	.....	81,283,505	.....	1,600,340	.....	13,740,336	.....

acreage of improved farm land continued to increase rapidly down to 1900 and increased slightly from 1900 to 1910. The proportion of the total land area of the state which was occupied by farms increased from 55.5 per cent in 1870 to 69.3 per cent in 1900 and then fell off to 65.2 per cent; the proportion of the total farm land improved increased continuously from 30.3 per cent in 1870 to 55.1 per cent in 1910.

**Values of farm property: 1870 to 1910.**—The agricultural changes in West Virginia since 1870, 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.....	\$314,738,540	54.4	\$264,300,054	57.1	\$7,011,513	39.1	\$43,336,073	41.8
1900.....	203,907,349	13.9	108,295,670	10.8	5,040,420	01.7	30,671,259	27.6
1890.....	178,961,330	16.5	151,880,300	14.1	3,116,420	15.5	23,964,610	35.1
1880.....	153,588,725	58.8	133,147,175	63.8	2,609,163	59.7	17,742,387	29.1
1870 <sup>1,2</sup> .....	90,714,100	.....	81,283,505	.....	1,600,340	.....	13,740,336	.....

<sup>1</sup> Computed gold values, being 80 per cent of the currency values reported.  
<sup>2</sup> West Virginia, included in Virginia prior to 1870, set off in 1862.

The total wealth in the form of farm property is \$314,739,000, of which 84 per cent is represented by land and buildings, 2.2 per cent by implements and machinery, and 13.8 per cent by live stock. The total value of farm property increased between 1900 and 1910 by \$110,831,000, or 54.4 per cent. This was a greater absolute increase than that of the preceding 30 years, and a greater relative increase than during the preceding 20 years. Of the total increase during the past decade, \$96,095,000 represents the increase in the value of land and buildings, \$1,971,000 the increase in that of implements and machinery, and \$12,765,000 the increase in that of live stock.

**Average acreage and values per farm: 1870 to 1910.**—The changes which have taken place during the past 40 years in the average acreage of West Virginia 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.....	103.7	\$3,255	\$2,735	\$73	\$48	\$26.37
1900.....	114.7	2,196	1,812	54	329	15.80
1890.....	141.8	2,459	2,087	43	329	14.72
1880.....	162.6	2,451	2,124	43	283	13.06
1870 <sup>1,2</sup> .....	214.4	2,431	2,043	42	345	9.53

<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.  
<sup>3</sup> West Virginia, included in Virginia prior to 1870, set off in 1862.

In average size the West Virginia farm decreased continuously from 214.4 acres in 1870 to 103.7 acres in 1910, or 2.8 acres a year.

In the 40 years since 1870, for which there are reports for West Virginia as a separate state, the population of the state has increased 779,105 and is now almost three times as great as in 1870.

There are 96,685 farms in West Virginia, or nearly two and one-half times as many as in 1870. This increase was most rapid from 1870 to 1880, averaging 2,290 per year, as compared with 1,134 since 1880, during which time the increase has been continuous. Of the 55 counties of the state, 20 showed a decrease in number of farms during the past decade. Of the 20 counties showing a decrease, 5 were in the southern part of the state and 15 were in the northern part.

The land surface of West Virginia is approximately 15,374,080 acres. Of this area, 10,026,442 acres, or 65.2 per cent, are included in farms, while 5,521,757 acres, or 55.1 per cent of the total farm acreage, are reported as improved land, representing 35.9 per cent of the total land area of the state. As the total acreage of farm land decreased 5.9 per cent during the last decade and the reported acreage of improved land slightly increased, the percentage of farm land which is improved rose considerably.

The table given above shows also that a large increase, both in the total and in the improved farm acreage, took place between 1870 and 1880. Thereafter the total farm acreage increased slowly down to 1900 and decreased in the next 10 years; but the

The average value of a West Virginia farm, including its equipment, has advanced during the last decade from \$2,196 to \$3,255; of this latter sum, \$2,735 represents the value of land and buildings, \$448 the value of live stock, and \$73 the value of implements and machinery. During the last decade the average value of land and buildings has increased \$10.57 per acre, and is now about one and two-thirds times as great as in 1900. It has increased continuously since 1870. The value per farm of equipment, which includes implements and machinery and live stock, decreased from 1870 to 1880, then increased slowly for the next 20 years, and increased very materially in the last 10 years. It is now over one-third greater than in 1900 and over one-half greater than in 1880.

**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.....	96,685	92,874	72,773	62,674
<b>Farms operated by owners and managers.....</b>	<b>76,850</b>	<b>72,583</b>	<b>59,858</b>	<b>50,673</b>
Farms consisting of owned land only.....	68,318	66,909	( <sup>1</sup> )	( <sup>1</sup> )
Farms consisting of owned and hired land.....	7,660	4,620	( <sup>1</sup> )	( <sup>1</sup> )
Farms operated by managers.....	872	1,054	( <sup>1</sup> )	( <sup>1</sup> )
<b>Farms operated by tenants.....</b>	<b>19,835</b>	<b>20,291</b>	<b>12,915</b>	<b>12,001</b>
Share tenants.....	9,576	12,765	8,040	7,709
Share-cash tenants.....	923			
Cash tenants.....	8,560	7,520	4,276	4,292
Tenure not specified.....	776			
<b>Per cent of farms operated by—</b>				
Owners and managers.....	79.5	78.2	82.3	80.9
Tenants.....	20.5	21.8	17.7	19.1
Share and share-cash.....	10.0	13.7	11.0	12.3
Cash and nonspecified.....	9.7	8.1	6.7	6.8

<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.

There was an increase of 3,811 in the total number of farms during the last decade, the number of farms operated by owners and managers increasing by 4,267, while the number of those operated by tenants decreased 456.

In 1880, 19 out of every 100 West Virginia farms were operated by tenants. This proportion fluctuated during the following decades, until in 1910 about 21 out of every 100 farms were thus operated. Of these 21 tenant farms, 10 are operated by cash tenants and 11 by share tenants. As used in this discussion, "cash tenants" include "nonspecified" and "share tenants" include "share-cash."

During the 30-year period the proportion of cash tenancy has shown a net increase, while share tenancy has shown a net decrease. The number of farms operated under cash tenancy decreased slightly between 1880 and 1890, then increased rapidly during the last two decades. Share tenants' farms, however, increased considerably in number between 1880 and 1900, but decreased during the last decade. In 1880 there were almost twice as many share tenants as cash, but in 1910 the latter were nearly as numerous as the former.

The following table shows, for white and colored farmers combined 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	1910	1900	1910	1900
<b>Allfarmers.....</b>	<b>10,026,442</b>	<b>10,654,513</b>	<b>5,521,757</b>	<b>5,498,981</b>	<b>\$264,390,954</b>	<b>\$168,295,870</b>
Owners.....	8,184,195	8,529,402	4,606,103	4,527,546	207,904,468	134,744,870
Managers.....	284,502	358,904	133,834	119,632	9,135,065	5,625,850
Tenants.....	1,557,745	1,766,117	781,820	851,803	47,200,821	27,924,950
<b>White.....</b>	<b>9,991,901</b>	<b>10,812,929</b>	<b>5,501,500</b>	<b>5,475,915</b>	<b>263,314,560</b>	<b>167,607,810</b>
Owners.....	8,158,238	8,503,606	4,591,581	4,513,035	207,250,207	134,361,490
Managers.....	283,847	357,465	133,232	118,484	9,090,970	5,564,450
Tenants.....	1,549,816	1,751,859	776,687	844,396	46,958,383	27,681,870
<b>Colored.....</b>	<b>34,541</b>	<b>41,584</b>	<b>20,257</b>	<b>23,066</b>	<b>1,076,394</b>	<b>687,860</b>
Owners.....	25,057	25,797	14,522	14,511	738,261	383,380
Managers.....	655	1,629	602	1,148	35,095	61,400
Tenants.....	7,929	14,258	5,133	7,407	302,438	243,080

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>Allfarmers.....</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.....	78.6	77.0	81.0	80.1	83.4	82.3	78.7	80.1
Managers.....	0.9	1.1	2.8	3.4	2.4	2.2	3.5	3.3
Tenants.....	20.5	21.8	15.5	16.6	14.2	15.5	17.9	16.6
<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.....	78.0	77.1	81.6	80.1	83.5	82.4	78.7	80.2
Managers.....	0.9	1.1	2.8	3.4	2.4	2.2	3.5	3.3
Tenants.....	20.5	21.8	15.5	16.5	14.1	15.4	17.8	16.5
<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.....	78.8	72.0	75.1	62.0	71.7	62.0	68.0	55.7
Managers.....	1.0	1.1	1.9	3.7	3.0	5.0	3.3	8.9
Tenants.....	20.2	27.0	23.0	34.3	25.3	32.1	28.1	35.3

It will be seen that, in 1910, 81.6 per cent of all land in farms was in farms operated by their owners (including part owners), 2.8 per cent in farms operated by managers, and 15.5 per cent in farms operated by tenants, the percentage for managers and for tenants being lower and that for owners higher than in 1900.

Of all land in farms operated by white farmers, 81.6 per cent was in farms operated by their owners and 15.5 per cent in tenant farms, while of that in farms operated by colored farmers, 75.1 per cent was in farms operated by owners, and 23 per cent in tenant farms. The proportion of land in farms operated by owners increased between 1900 and 1910 among each class of farmers, the increase being most pronounced among colored farmers.

As shown by the next table, the average size of farms operated by managers in 1910 (326.3 acres) was about three times as great as that of farms operated by owners (107.7 acres), which in turn was larger than that of farms operated by tenants (78.5 acres). The average size of each class of farms decreased

between 1900 and 1910. In 1910 the percentage of farm land improved was highest for farms operated by owners, and lowest for those operated by managers.

The average size of farms operated by white farmers in 1910 (104.1 acres) was more than twice as large as that of farms of colored farmers (48.8 acres); both classes of farms decreased in size between 1900 and 1910. The proportion of land improved was larger for farms of colored farmers than for those of white farmers, being, respectively, 58.6 and 55.1 per cent of the total acreage in 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
All farmers..	103.7	114.7	57.1	59.2	55.1	51.0	\$2,735	\$1,812	\$26.37	\$15.80
Owners.....	107.7	119.2	60.6	63.3	56.3	53.1	2,738	1,834	25.41	15.80
Managers.....	320.3	340.6	153.5	113.5	47.0	33.3	10,477	5,338	32.11	15.67
Tenants.....	78.5	87.0	39.4	42.0	50.2	48.2	2,383	1,376	30.34	15.81
White.....	104.1	115.2	57.3	59.4	55.1	51.0	2,744	1,819	26.35	15.79
Owners.....	107.7	119.2	60.6	63.3	56.3	53.1	2,738	1,834	25.41	15.80
Managers.....	328.1	341.7	154.0	113.9	46.9	33.1	10,520	5,320	32.06	15.57
Tenants.....	78.7	87.2	39.4	42.0	50.1	48.2	2,385	1,378	30.30	15.80
Colored.....	48.8	56.0	28.6	31.1	58.6	55.5	1,520	927	31.16	16.54
Owners.....	46.5	48.3	26.0	27.2	55.9	50.3	1,323	718	28.44	14.86
Managers.....	93.0	191.1	89.0	143.5	91.9	75.1	5,009	7,675	54.50	40.16
Tenants.....	55.4	71.3	35.9	37.0	64.7	61.9	2,115	1,215	38.14	17.05

**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.....	75,978		70,949		56,035	
Free from mortgage.....	66,093	87.4	58,033	85.0	48,703	87.0
Mortgaged.....	9,525	12.6	9,045	14.1	7,272	13.0
Unknown.....	300		2,071			

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

<sup>2</sup> The 1,087 "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 75,978. Of this number,

66,093 were reported as free from mortgage, 9,525 were reported as mortgaged, and for 360 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 12.6 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is only slightly smaller than it was in 1900, which in turn was slightly greater than in 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the number of farms free from mortgage increased considerably, while the number of mortgaged farms decreased slightly from 1900 to 1910.

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 9,525 farms reported as mortgaged, 8,364 are wholly owned by the farmers, and for 7,878 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.	
	1910 <sup>1</sup>	1890 <sup>2</sup>	Amount.	Per cent.
Number.....	7,878	7,272		
Value—Land and buildings.....	\$21,549,125	\$14,070,792		
Amount of mortgage debt.....	\$5,592,533	\$4,825,337		
Per cent of debt to value.....	26.0	32.2		
Average value per farm.....	\$2,735	\$2,060	\$675	32.8
Average debt per farm.....	\$710	\$664	\$46	6.9
Average equity per farm.....	\$2,025	\$1,396	\$629	45.1

<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 value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms increased in the 20 years from \$664 to \$710, or 6.9 per cent, while the average value of such farms rose from \$2,060 to \$2,735, or 32.8 per cent. Thus the owner's equity increased from \$1,396 to \$2,025, or 45.1 per cent. As a result of the greater increase in farm value than in farm debt, the mortgage indebtedness, which was 32.2

per cent of the value of the mortgaged farms in 1890, had decreased to 26 per cent of the value in 1910.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
<b>All farmers.....</b>	<b>96,685</b>	<b>92,874</b>	<b>3,811</b>	<b>4.1</b>	<b>100.0</b>	<b>100.0</b>
Under 3 acres.....	117	599	-482	-80.5	0.1	0.6
3 to 9 acres.....	7,419	5,342	2,077	38.9	7.7	5.8
10 to 19 acres.....	7,863	7,140	723	10.1	8.1	7.7
20 to 49 acres.....	20,323	19,306	1,017	5.3	21.0	20.8
50 to 99 acres.....	26,800	25,529	1,277	5.0	27.7	27.5
100 to 174 acres.....	20,156	20,164	-8	-(?)	20.8	21.7
175 to 259 acres.....	7,481	7,542	-61	-0.8	7.7	8.1
260 to 499 acres.....	4,707	5,127	-360	-7.0	4.9	5.5
500 to 999 acres.....	1,316	1,511	-195	-12.9	1.4	1.6
1,000 acres and over.....	437	614	-177	-28.8	0.5	0.7
<b>White.....</b>	<b>95,977</b>	<b>92,132</b>	<b>3,845</b>	<b>4.2</b>	<b>100.0</b>	<b>100.0</b>
Under 3 acres.....	114	573	-459	-80.1	0.1	0.6
3 to 9 acres.....	7,282	5,229	2,053	39.3	7.6	5.7
10 to 19 acres.....	7,724	7,017	707	10.1	8.0	7.6
20 to 49 acres.....	20,132	19,100	1,032	5.4	21.0	20.7
50 to 99 acres.....	26,059	25,377	1,282	5.1	27.8	27.5
100 to 174 acres.....	20,099	20,082	17	0.1	20.0	21.8
175 to 259 acres.....	7,460	7,521	-61	-0.8	7.8	8.2
260 to 499 acres.....	4,755	5,113	-358	-7.0	5.0	5.6
500 to 999 acres.....	1,316	1,507	-191	-12.7	1.4	1.6
1,000 acres and over.....	436	613	-177	-28.0	0.5	0.7
<b>Colored.....</b>	<b>708</b>	<b>742</b>	<b>-34</b>	<b>-4.6</b>	<b>100.0</b>	<b>100.0</b>
Under 3 acres.....	3	26	-23	-88.5	0.4	3.5
3 to 9 acres.....	137	113	24	21.2	19.4	15.2
10 to 19 acres.....	139	123	16	13.0	19.0	16.0
20 to 49 acres.....	191	206	-15	-7.3	27.0	27.8
50 to 99 acres.....	147	152	-5	-3.3	20.8	20.5
100 to 174 acres.....	57	82	-25	-30.5	8.1	11.1
175 to 259 acres.....	21	31	-10	-47.6	3.0	2.8
260 to 499 acres.....	12	14	-2	-14.3	1.7	1.9
500 to 999 acres.....	4	4	0	0.0	0.5	0.5
1,000 acres and over.....	1	1	0	0.0	0.1	0.1

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

Seven out of every ten farms are between 20 and 174 acres in size. Rather more than one-fourth, or 27.7 per cent, of the total number of farms in the state are between 50 and 99 acres in size. This is the largest group of farms shown in the above table. The next largest group consists of the 20 to 49 acre farms, which constitute 21 per cent of the total. Hardly less numerous are the farms between 100 and 174 acres, constituting 20.8 per cent of the total. These three groups represent, respectively, more or less typical farms, namely, the 80-acre farm, the 40-acre farm, and the 160-acre farm. A study of the distribution of farms by size groups discloses the fact that the greatest relative and actual gain in number from 1900 to 1910 was in the "3 to 9 acres" class. The number of places "under 3 acres," where some agriculture is carried on, is reported as less than one-fifth as great as 10 years ago. This decrease may be due to a different interpretation by enumerators as to what to include as a small farm or may represent an actual decrease in that type of farm. An increase is shown for each group of farms falling between 3 and 99 acres, the aggregate increase amounting to 5,094, or 8.9 per cent. The "100 to 174 acres" group has made no appreciable change, but the farms over 175 acres in size have decreased 793, or 5.4 per cent.

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 15,399), and also the farms of between 175 and 499 acres (numbering 12,248).

SIZE GROUP.	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>10,026,442</b>	<b>10,054,513</b>	<b>5,521,757</b>	<b>5,498,981</b>	<b>\$204,390,954</b>	<b>\$188,295,670</b>
Under 20 acres.....	146,047	129,861	128,207	112,518	12,055,803	5,634,290
20 to 49 acres.....	676,089	645,963	456,945	437,178	22,929,321	13,085,070
50 to 99 acres.....	1,875,754	1,705,028	1,155,188	1,009,556	49,029,423	29,967,870
100 to 174 acres.....	2,537,005	2,544,791	1,509,134	1,470,745	64,873,363	42,547,350
175 to 499 acres.....	3,179,329	3,312,251	1,685,072	1,708,099	80,792,566	52,970,310
500 to 999 acres.....	849,970	977,239	300,350	400,977	19,009,782	13,174,180
1,000 acres and over.....	738,348	1,279,381	210,855	200,008	15,030,707	11,216,600

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.....	15.9	14.1	1.5	1.2	2.3	2.0	4.6	3.3
20 to 49 acres.....	21.0	20.8	6.8	6.1	8.3	8.0	8.7	7.8
50 to 99 acres.....	27.7	27.5	18.7	16.0	20.9	19.4	18.6	17.0
100 to 174 acres.....	20.8	21.7	25.5	23.9	27.3	26.7	24.5	25.3
175 to 499 acres.....	12.7	13.0	31.7	31.1	30.7	31.1	30.6	31.5
500 to 999 acres.....	1.4	1.6	8.5	9.2	6.6	7.3	7.4	7.8
1,000 acres and over.....	0.5	0.7	7.4	12.0	3.8	5.5	5.7	6.7

Of the total farm acreage of the state in 1910, 31.7 per cent was in farms of 175 to 499 acres, and 25.5 per cent in farms of 100 to 174 acres, these two being from the standpoint of aggregate acreage the most important size groups. Between 1900 and 1910 there was a decrease in the proportion of the total acreage in farms of 500 acres and over, and an increase in the proportion in farms of less than 500 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 generally diminishes with the increase in the size of the farms; it is very much higher for the farms under 20 acres in size than for those 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>55.1</b>	<b>51.6</b>	<b>\$2,735</b>	<b>\$1,812</b>	<b>\$26.37</b>	<b>\$15.89</b>
Under 20 acres.....	80.0	80.6	783	431	80.89	43.39
20 to 49 acres.....	67.5	67.7	1,128	678	33.87	20.26
50 to 99 acres.....	61.6	60.6	1,831	1,162	26.17	16.81
100 to 174 acres.....	59.0	57.8	3,219	2,110	25.37	16.72
175 to 499 acres.....	53.3	51.6	6,599	4,181	25.41	15.99
500 to 999 acres.....	43.1	41.0	14,901	8,719	23.07	13.48
1,000 acres and over.....	28.6	23.4	34,409	18,268	20.37	8.77

**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.

Of all West Virginia farmers, 98.4 per cent were native whites, 0.9 per cent foreign-born whites, and 0.7 per cent negroes and other nonwhites. Among the 708 nonwhite farmers, 707 were negroes and 1 was an Indian. Of the native whites, 20.6 per cent were tenants, as compared with 10.3 per cent among foreign-born whites and 20.2 per cent among the nonwhites.

Of the 839 foreign-born white farmers in West Virginia in 1910, 336 were born in Germany; 131 in Ire-

land; 111 in Switzerland; and 95 in England. Other European countries were represented by a total of 145 farmers, and non-European countries by 21.

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Own-ers.	Ten-ants.	Man-agers.	Per cent of total.		
	Num-ber.	Per cent dis-tribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	98,085	100.0	75,978	19,835	872	78.6	20.5	0.9
Native white.....	95,138	98.4	74,674	19,606	858	78.5	20.6	0.9
Foreign-born white....	839	0.9	746	86	7	88.9	10.3	0.8
Negro and other non-white.....	708	0.7	558	143	7	78.8	20.2	1.0

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

Of the total number of farms enumerated, 92,179, or 95.3 per cent, report domestic animals of some kind, the number without any domestic animals being 4,506.

Of all the farms in the state, 91.8 per cent report cattle, 90 per cent reporting "dairy cows," and only 21.2 per cent "other cows." Of the farms reporting cattle, 2 per cent have no dairy cows. The farms reporting dairy cows show an average of nearly 3 per farm. The total number of cows increased materially during the decade, and the average value of dairy cows increased from \$27.70 to \$31.57.

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 134,107 to 59,518, and the average value decreasing from \$8.22 to \$7.09.

Horses are reported by 73.2 per cent of all the farms in the state, while 13.5 per cent report colts born in 1909; and only 3.1 per cent report spring colts. The

average value of mature horses in 1910 is reported as \$109.18.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	92,179	95.3	.....	\$41,318,436	.....
Cattle.....	88,759	91.8	620,288	15,860,784	\$25.57
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	87,004	90.0	230,539	7,563,400	31.57
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	20,512	21.2	63,740	1,544,213	24.23
Heifers born in 1909.....	34,800	36.1	75,503	1,123,158	14.88
Calves born after Jan. 1, 1910.....	35,440	36.7	59,518	422,136	7.09
Steers and bulls born in 1909.....	22,400	23.2	69,602	1,240,380	17.01
Steers and bulls born before Jan. 1, 1909.....	14,851	15.4	112,386	3,061,408	35.25
Horses.....	70,777	73.2	179,991	18,583,381	103.25
Mares, stallions, and geldings born before Jan. 1, 1909.....	70,125	72.5	159,577	17,410,881	109.18
Colts born in 1909.....	13,067	13.5	16,973	1,047,243	61.70
Colts born after Jan. 1, 1910.....	3,028	3.1	3,491	110,258	33.59
Mules.....	6,629	6.9	11,717	1,339,760	114.34
Mules born before Jan. 1, 1909.....	6,177	6.4	10,800	1,278,071	118.34
Mule colts born in 1909.....	539	0.6	777	50,018	72.10
Mule colts born after Jan. 1, 1910.....	115	0.1	140	5,671	40.51
Asses and burros.....	124	0.1	160	25,556	159.73
Swine.....	66,884	69.2	328,188	2,087,302	6.36
Hogs and pigs born before Jan. 1, 1910.....	61,765	63.9	211,463	1,779,050	8.41
Pigs born after Jan. 1, 1910.....	21,727	22.5	116,725	308,342	2.64
Sheep.....	26,179	27.1	910,360	3,400,901	3.74
Ewes born before Jan. 1, 1910.....	25,524	26.4	490,064	2,410,151	4.83
Rams and wethers born before Jan. 1, 1910.....	13,273	13.7	67,888	314,500	4.63
Lambs born after Jan. 1, 1910.....	22,040	22.8	343,408	670,250	1.97
Goats.....	385	0.4	5,748	20,682	3.60

About seven farms out of every hundred report mules and mule colts. The average values of mules of the different ages are somewhat higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 26,179 farms, or 27.1 per cent of all the farms in the state. Of these

26,179 farms, 84.2 per cent report spring lambs, the number of the latter being equal to 68.8 per cent of the number of ewes. Ewes are reported from all but 655 of the farms reporting sheep, and for the farms reporting the average is about 20 ewes per farm. The farms reporting rams and wethers show an average of 5 per farm.

Of all farms, 69.2 per cent report swine, the average number being about 5 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$8.41, while that of spring pigs is nearly one-third as much.

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	
	Number.	Per cent of all farms.			
Total.....	89,203	92.3	3,310,155	\$1,628,700	3,053,071
Chickens.....	89,099	92.2	3,100,907	1,435,969	2,759,585
Turkeys.....	18,762	19.4	72,752	124,550	105,205
Ducks.....	6,770	7.0	35,570	16,854	58,273
Geese.....	10,447	10.8	72,972	43,802	120,948
Guinea fowls.....	3,486	3.6	14,148	5,325	(1)
Pigeons.....	941	1.0	7,098	1,905	(2)
Pheasants.....	21	(3)	102	235	(2)

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

The increase in the number of fowls on West Virginia farms during the last decade amounts to 8.4 per cent, while the value increased from \$964,000 to \$1,629,000, or 69 per cent. The number of farms reporting poultry increased from 85,041 to 89,203, and the average number of fowls per farm reporting increased from 36 to 37. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees has decreased from 25,240 in 1900 to 24,035 in 1910, or 4.8 per cent. The number of colonies of bees decreased from 111,417 to 110,673, or 0.7 per cent, while their value increased from \$375,622 to

\$388,937, or 3.5 per cent. The average value of bees per farm reporting was \$14.88 in 1900 and \$16.18 in 1910. About one farm in every four reports bees.

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

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	29,305	.....	\$4,941,574	.....
All cattle.....	19,078	31,524	1,053,931	\$33.43
Dairy cows.....	19,364	24,052	934,985	38.87
Horses.....	10,007	23,256	2,912,306	130.85
Mules.....	1,177	6,508	781,927	120.15
Asses and burros.....	15	56	8,720	155.71
Swine.....	10,000	25,406	178,015	7.01
Sheep.....	130	1,358	5,133	3.78
Goats.....	143	255	1,542	6.05

Horses are by far the most important class of domestic animals not on farms when value is considered, but the number of cattle (including dairy cows) and of dairy cows, as well as the number of swine, is greater than the number of horses.

**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.....	.....	\$46,260,010	.....	\$41,318,439	.....	\$4,941,574
All cattle.....	651,812	10,914,995	620,288	15,869,704	31,524	1,053,931
Dairy cows.....	263,591	8,408,385	239,539	7,563,400	24,052	934,985
Horses.....	202,247	21,495,687	179,991	18,583,381	22,256	2,912,306
Mules.....	18,225	2,121,687	11,717	1,339,700	6,508	781,927
Asses and burros.....	216	34,276	100	25,556	56	8,720
Swine.....	353,594	2,265,407	328,188	2,087,392	25,406	178,015
Sheep.....	911,718	3,400,034	910,360	3,400,001	1,358	5,133
Goats.....	6,083	22,224	5,748	20,632	255	1,542

The value of all domestic animals in the state in 1910 was \$46,260,000, of which the value of animals not on farms constituted 10.7 per cent.

**LIVE STOCK PRODUCTS.**

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

result from the fact that part of the crops are fed to the live stock.

**Dairy products: 1909 and 1899.**—The number of farms reporting dairy cows on April 15, 1910, was 87,004, but only 81,108 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 80,586 (slightly less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 225,000. The amount of milk reported was 71,230,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 316 gallons per cow. In considering this average 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.....	87,004	90.0	230,530	Head		
On farms reporting dairy products in 1909.....	81,108	83.0	228,569	Head		
On farms reporting milk produced in 1909.....	80,586	83.3	225,157	Head		
Specified dairy products, 1909:						
Milk reported.....			71,230,033	Gals.		
Butter made.....	81,070	83.8	18,900,099	Lbs.	\$4,054,406	\$0.21
Cheese made.....	222	0.2	70,473	Lbs.	9,003	0.13
Milk sold.....	3,603	3.8	4,050,741	Gals.	864,058	0.21
Cream sold.....	375	0.4	104,096	Gals.	69,110	0.60
Butter fat sold.....	12	(1)	8,421	Lbs.	2,503	0.30
Butter sold.....	40,540	48.1	7,077,064	Lbs.	1,588,613	0.22
Cheese sold.....	86	0.1	55,363	Lbs.	7,134	0.13
Total receipts from sales, 1909.....					2,532,324	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					5,000,138	
Specified dairy products, 1899:						
Butter made.....	73,178	78.8	16,013,129	Lbs.		
Cheese made.....	152	0.2	74,243	Lbs.		
Butter sold.....			5,520,784	Lbs.	841,147	0.15
Cheese sold.....			60,842	Lbs.	5,974	0.10

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

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience, a partial total has been presented, comprising the reported value of milk and cream sold as such and sold on the butter fat basis, and the reported value of butter and cheese made whether for home consumption or for sale. The total thus obtained for 1909 is \$5,000,000, which may be defined as the total value of dairy products, exclusive of milk and cream used on the farm producing.

Only a small proportion of the milk reported as produced by West Virginia farmers in 1909 was sold as such. The butter made on farms in 1909 was valued at \$4,054,000.

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 an increase between 1899 and 1909 in the amount of butter made and a decrease in the production of cheese.

**Wool: 1909 and 1899.**—The table below gives statistics as to the production of wool on farms, the figures being partly based on estimates:<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.....	25,787	560,952			
Wool produced, as reported, 1909.....	21,601		508,005	2,472,803	\$702,247
On farms reporting sheep April 15, 1910.....	20,084	489,194	481,552	2,346,677	724,409
On other farms.....	1,517		27,053	126,126	37,838
Total production of wool (partly estimated):					
1909.....			558,005	2,719,684	839,555
1899.....			587,381	3,123,455	936,012
Increase, 1899 to 1909.....			-29,286	-403,771	203,543
Per cent of increase.....			-5.0	-12.9	22.0

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

The total number of sheep of shearing age in West Virginia on April 15, 1910, was 567,000, representing a decrease of 1 per cent as compared with the number on June 1, 1900 (573,000). The approximate production of wool during 1909 was 558,000 fleeces, weighing 2,720,000 pounds and valued at \$840,000. Of these totals about 9 per cent represent estimates. The number of fleeces produced in 1909 was 5 per cent less than in 1899. The average weight per fleece in 1909 was 4.9 pounds, as compared with 5.3 pounds in 1899, and the average value per pound was 31 cents, as compared with 20 cents in 1899.

**Goat hair and mohair: 1909 and 1899.**—Although 385 farmers reported 5,748 goats and kids on their farms April 15, 1910, only 117 reported the production of goat hair or mohair during 1909. These farmers reported 3,248 fleeces, weighing 8,991 pounds and valued at \$2,699. Although the production is still unimportant, an increase is shown over that in 1899. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

<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, 5,703 farmers who reported the possession of 77,758 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909, and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

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

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	89,203	3,310,155		
On farms reporting eggs produced in 1909.....	80,546	3,134,272		
On other farms.....	8,657	175,883		
Eggs produced, as reported, 1909.....	81,093		Dozens. 18,074,410	\$3,464,300
Total production of eggs (partly estimated):				
1909.....			10,159,008	3,672,103
1899.....			17,242,400	1,877,675
Increase, 1899 to 1909.....			1,910,008	1,794,518
Per cent of increase.....			11.1	95.6
Eggs sold, as reported, 1909.....	60,788		11,702,888	2,250,362
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	78,007	3,054,692		
On other farms.....	11,196	255,463		
Poultry raised, as reported, 1909.....	78,800		No. of fowls. 5,115,305	2,065,924
Total poultry raised (partly estimated):				
1909.....			5,543,096	2,238,690
1899.....				1,843,752
Increase, 1899 to 1909.....				394,944
Per cent of increase.....				21.4
Fowls sold, as reported, 1909.....	56,193		2,000,220	960,436

The total number of fowls on West Virginia farms on April 15, 1910, was 3,310,000. Of the 89,203 farms reporting fowls, 8,657 did not report any eggs produced in 1909, and 11,196 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 18,074,000 dozens, valued at \$3,464,000. According to the Twelfth Census reports, the production of eggs in 1899 was 17,242,000 dozens, the value being \$1,878,000. 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 19,159,000 dozens, valued at \$3,672,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 5,543,000 fowls, valued at \$2,239,000.

**Honey and wax: 1909.**—Although, as noted elsewhere, 24,035 farms reported 110,673 colonies of bees on hand April 15, 1910, 8,087 of these farms, with 19,795 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 1,550,739 pounds of

honey, valued at \$228,843, and 11,090 pounds of wax, valued at \$2,787; 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 West Virginia 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.....				\$14,159,182	
Slaughtered.....				4,206,930	
Cattle:					
Sold.....	25,143	26.0	58,815	409,371	\$8.49
Slaughtered.....	1,282	1.3	5,108	41,975	8.22
Other cattle:					
Sold.....	39,132	40.5	257,733	8,835,606	34.28
Slaughtered.....	8,225	8.5	18,753	532,939	28.42
Horses:					
Sold.....	11,797	12.2	19,450	2,085,711	107.20
Mules:					
Sold.....	1,258	1.3	2,200	266,542	116.39
Asses and burros:					
Sold.....	51	0.1	103	6,969	30.11
Swine:					
Sold.....	18,164	18.8	121,650	670,226	5.51
Slaughtered.....	65,798	68.1	200,701	3,682,430	17.82
Sheep:					
Sold.....	14,953	15.5	410,133	1,791,762	4.37
Slaughtered.....	3,173	3.3	8,200	39,353	4.70
Goats:					
Sold.....	75	0.1	819	3,035	3.71
Slaughtered.....	30	( <sup>1</sup> )	74	230	3.23
1899—All domestic animals:				6,533,034	
Sold.....				2,895,022	
Slaughtered.....					

<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 \$14,159,000 and that of animals slaughtered on farms \$4,207,000, making an aggregate of \$18,456,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented about two-thirds of the total value of animals sold, and the value of horses sold represented about one-seventh 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 \$6,533,000 and \$2,895,000. 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 that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

**CROPS.**

**Summary: 1909 and 1899.**—The next table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In com-

paring 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 tempo-

rarily 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.....								\$40,374,776	\$25,696,189	\$14,678,587	57.1	100.0	100.0
<b>Crops with acreage reports.....</b>	<b>1,874,382</b>	<b>1,992,403</b>	<b>-118,021</b>	<b>-5.9</b>	<b>33.9</b>	<b>36.2</b>	<b>33,120,053</b>	<b>20,805,107</b>	<b>12,314,946</b>	<b>59.2</b>	<b>82.0</b>	<b>81.0</b>	
Cereals.....	1,038,031	1,307,428	-269,497	-20.5	18.8	23.8	15,997,700	11,571,334	4,426,366	38.3	39.6	45.0	
Other grains and seeds.....	8,344	5,557	2,787	50.2	0.2	0.1	84,634	84,460	174	0.2	0.2	0.3	
Hay and forage.....	708,900	601,935	106,965	17.8	12.8	10.9	7,492,747	5,517,073	1,975,674	35.8	18.6	21.5	
Tobacco.....	17,928	5,129	12,799	249.5	0.3	0.1	1,923,180	228,620	1,694,560	741.2	4.8	0.9	
Sugar crops.....	8,697	6,870	1,727	25.3	0.2	0.1	300,547	189,935	110,612	58.2	0.7	0.7	
Sundry minor crops.....	46	98	-52	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	3,980	2,278	1,702	74.7	( <sup>3</sup> )	( <sup>3</sup> )	
Potatoes and sweet potatoes and yams.....	44,700	33,516	11,184	33.4	0.8	0.6	2,448,724	1,258,904	1,189,820	94.5	6.1	4.9	
Other vegetables.....	43,524	20,200	14,234	48.6	0.8	0.5	4,519,894	1,697,028	2,822,866	166.3	11.2	6.6	
Flowers and plants and nursery products.....	480	586	-7	-16.6	( <sup>3</sup> )	( <sup>3</sup> )	157,645	106,084	51,561	48.0	0.4	0.4	
Small fruits.....	2,913	1,994	919	46.1	0.1	( <sup>3</sup> )	191,902	149,391	41,611	27.9	0.5	0.6	
<b>Crops with no acreage reports.....</b>							<b>7,254,723</b>	<b>4,891,082</b>	<b>2,363,641</b>	<b>48.3</b>	<b>18.0</b>	<b>18.0</b>	
Seeds.....							8,916	16,859	-7,943	-47.1	( <sup>3</sup> )	0.1	
Fruits and nuts.....							3,149,122	4,210,871	838,251	42.4	7.8	8.6	
Maple sugar and sirup.....							46,568	25,271	21,297	84.3	0.1	0.1	
Forest products of farms.....							4,004,484	2,632,980	1,371,504	52.1	9.9	10.2	
Miscellaneous.....							45,633	5,101	40,532	794.6	0.1	( <sup>3</sup> )	

<sup>1</sup> A minus sign (-) denotes decrease.  
<sup>2</sup> Per cent not calculated when base is less than 100.

<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 \$40,375,000. Of this amount, 82 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 1,874,382, representing 33.9 per cent of the total improved land in farms (5,521,757 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 West Virginia agriculture is indicated by the fact that about two-fifths (39.6 per cent) of the total value of crops in 1909 was contributed by the cereals, about one-fifth (18.6 per cent) by hay and forage, and about one-sixth (17.3 per cent) by potatoes and other vegetables. The remainder, representing 24.5 per cent of the total, consisted mostly of forest products, fruits and nuts, and tobacco.

The value of crops in 1909 was 57.1 per cent greater than in 1899, this increase being, no doubt, due in part to higher prices. There was a decrease of 5.9 per cent in the total acreage of crops for which acreage was reported, the greatest absolute decrease being that in the acreage of cereals and the greatest absolute increase that in the acreage of hay and forage.

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

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total.....</b>		<b>1,038,831</b>	<b>22,116,677</b>	Bu....	<b>\$15,997,700</b>
Corn.....	83,028	676,811	17,119,097	Bu....	11,907,261
Oats.....	22,412	163,758	1,728,806	Bu....	912,388
Wheat, total.....	22,344	209,315	2,575,996	Bu....	2,697,141
Common winter and spring.....	22,325	209,219	2,574,323	Bu....	2,695,474
Durum or macaroni.....	12	96	1,673	Bu....	1,067
Emmer and spelt.....	20	111	1,558	Bu....	1,515
Barley.....	119	408	8,407	Bu....	5,640
Buckwheat.....	9,028	33,323	533,670	Bu....	351,171
Rye.....	2,774	15,679	148,676	Bu....	122,258
Kaffr corn and milo maize.....	16	26	467	Bu....	326
<b>Other grains and seeds with acreage report, total<sup>1</sup>.....</b>		<b>8,344</b>	<b>41,417</b>	Bu....	<b>84,634</b>
Dry edible beans.....	8,626	28,111	39,794	Bu....	81,049
Dry peas.....	93	232	1,490	Bu....	3,312
<b>Seeds with no acreage report, total.....</b>					<b>8,916</b>
Timothy seed.....	201	( <sup>3</sup> )	993	Bu....	2,252
Clover seed.....	65	( <sup>3</sup> )	602	Bu....	5,149
Millet seed.....	1	( <sup>3</sup> )	2	Bu....	5
Other tame grass seed.....	99	( <sup>3</sup> )	1,048	Bu....	1,320
Flower and garden seeds.....	5	( <sup>3</sup> )			190
<b>Hay and forage, total.....</b>	<b>61,864</b>	<b>708,900</b>	<b>639,104</b>	Tons.	<b>7,492,747</b>
Timothy alone.....	29,082	308,814	278,074	Tons.	3,404,456
Timothy and clover mixed.....	24,327	281,794	249,886	Tons.	3,001,535
Clover alone.....	1,217	6,661	6,514	Tons.	75,863
Alfalfa.....	179	696	1,406	Tons.	17,932
Millet or Hungarian grass.....	2,580	7,768	8,006	Tons.	110,749
Other tame or cultivated grasses.....	7,242	32,607	66,994	Tons.	707,627
Wild, salt, or prairie grasses.....	538	5,495	4,051	Tons.	36,090
Grains cut green.....	830	4,191	6,837	Tons.	63,493
Coarse forage.....	1,864	10,876	16,209	Tons.	73,971
Root forage.....	24	8	67	Tons.	731
Potatoes.....	81,297	42,621	4,077,066	Bu....	2,278,938
Sweet potatoes and yams.....	15,632	2,079	215,582	Bu....	170,086
Tobacco.....	9,299	17,928	14,356,400	Lbs..	1,923,180
Sundry minor crops, total <sup>4</sup> .....		46			3,980
Broom corn.....	397	45	30,456	Lbs..	3,229

<sup>1</sup> Includes small amounts of flaxseed, peanuts, and 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> Includes small amounts of cotton, hops, and ginseng.

The leading crops covered by the table, in the order of their importance as judged by value, are corn, \$11,907,000; hay and forage, \$7,493,000; wheat, \$2,697,000; potatoes, \$2,279,000; and tobacco, \$1,923,000. It should be noted, however, that some

of the crops, statistics for which appear elsewhere, are more important than wheat, potatoes, or tobacco.

Corn is by far the leading crop from the standpoint of value, being in this respect almost 60 per cent greater than hay and forage. But in acreage hay and forage ranks first. Wheat ranks third in both acreage and value. Oats, with an acreage more than one-seventh as great as that of corn, have a reported value about one-thirteenth as great. Potatoes, with an acreage of little more than two-fifths that of oats, show a value about two and one-half times as great. Tobacco is far below potatoes in acreage, but only a little below it in value.

Among the hay and forage crops, "timothy alone" ranks first in both acreage and value; "timothy and clover mixed" ranks second in each respect; and the two classes together represent about seven-eighths of the acreage and value, respectively, of all hay and forage. The acreage of hay and forage is about two-thirds as great as that of all cereals combined, while the value is a little less than half 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.	Hay and forage.	Potatoes.
1909.....	676,311	103,758	200,315	33,323	708,000	42,021
1899.....	724,646	99,433	447,028	21,410	601,935	30,123
1889.....	592,763	180,815	349,010	13,690	570,120	27,465
1879.....	565,785	120,031	393,008	30,334	300,328	( <sup>1</sup> )

<sup>1</sup> Not reported.

The acreage of corn in 1899 was 28.1 per cent greater than in 1879, but there was a decrease of nearly 7 per cent during the last decade. The acreage of oats has shown marked fluctuations, increasing over 40 per cent during the first decade, then falling off very greatly between 1889 and 1899, and increasing slightly during the decade just ended, the final figure for the 30-year period being a little over four-fifths as great as at the beginning. Wheat occupied a considerably greater acreage in 1899 than in 1879, but has fallen off more than half during the past 10 years.

Buckwheat, after decreasing more than 50 per cent during the decade from 1879 to 1889, has since that time increased to an acreage greater than in 1879. The acreage of hay and forage has increased during every decade and in 1909 was nearly twice as great as in 1879. The acreage of potatoes during the two decades from 1889 to 1909 increased over 55 per cent. The acreage of all the cereals decreased during the last decade from 1,307,428 acres to 1,038,931, or 20.5 per cent. During the same time there was an increase of 17.8 per cent in the acreage of hay and forage.

The next table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of

increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres, 1899 to 1909. <sup>1</sup>	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
	Corn.....	85.0	88.8	12.2		13.2	-6.7
Oats.....	23.2	22.4	1.9	1.8	4.3	16.7 Bu.	8.79
Wheat.....	23.1	50.4	3.8	8.1	-53.3	12.3 Bu.	12.89
Buckwheat.....	0.3	7.5	0.6	0.4	55.6	16.0 Bu.	10.54
Rye.....	2.0	3.2	0.3	0.3	14.0	0.5 Bu.	7.90
Hay and forage.....	64.0	69.7	12.8	10.9	17.8	0.90 Ton.	10.57
Potatoes.....	84.1	75.3	0.8	0.5	41.5	95.7 Bu.	53.46
Tobacco.....	0.6	5.4	0.3	0.1	240.5	800.8 Lbs.	107.27

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

Out of every 100 farms 86 report corn, 84 report potatoes, 64 report hay and forage, 23 report oats and wheat, and about 10 report tobacco. There has been a falling off in the proportion reporting wheat, corn, hay and forage, and rye, and an increase in the proportion reporting potatoes, tobacco, buckwheat, and oats. About one-eighth of the improved land is in corn, and another eighth in hay and forage. The eight crops shown in the preceding table cover a little less than one-third of the total improved land of the state.

The average value per acre of all the cereals combined is \$15.40, an amount nearly 50 per cent greater than the average for hay and forage. The average value per acre of potatoes is nearly three and one-half times and that of tobacco nearly seven times as great as the average of the combined cereals.

Corn, although grown in every county of the state, has its greatest acreage in a group of counties in the west central portion and in Jefferson and Berkeley Counties at the extreme eastern end of the state. The greatest decreases in acreage are mostly in the northwestern part of the state. The greatest acreages of oats are found in the northern and western parts of the state. Hay and forage acreages are quite uniformly distributed over the state, as are also the increases, there being but seven scattered counties showing decreases. The cultivation of tobacco is confined to a few counties, nearly 90 per cent of the total acreage of this crop being reported from six counties in the westernmost part of the state.

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

In 1909 the total acreage of potatoes and other vegetables was 88,224 and their value \$6,968,618. Excluding (so far as separately reported <sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 43,524 and their value \$4,520,000, 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.

The raising of flowers and plants and of nursery products was also of some importance in West Virginia, 489 acres being devoted to them in 1909 and the output being valued at \$157,645.

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.....	85,438	88.4	43,524	20,290	\$4,519,894	\$1,607,028
Farms reporting a product of \$500 or over.....	209	0.2	1,759		193,266	
All other farms.....	85,229	88.2	41,765		4,326,628	
Flowers and plants, total.....	99	0.1	25	39	78,377	44,384
Farms reporting a product of \$250 or over.....	22	( <sup>2</sup> )			75,257	
All other farms.....	77	0.1			3,120	
Nursery products, total.....	71	0.1	464	547	79,268	61,700
Farms reporting a product of \$250 or over.....	14	( <sup>2</sup> )			70,761	
All other farms.....	57	0.1			2,507	

<sup>1</sup> Does not include 4,240 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.

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.....		2,913	1,994	2,338,562	\$191,002
Strawberries.....	2,408	709	799	812,049	74,778
Blackberries and dewberries.....	3,829	1,292	367	803,498	48,854
Raspberries and loganberries.....	3,905	847	704	648,174	60,749
Currants.....	658	30	50	34,009	3,153
Gooseberries.....	784	30	59	35,632	3,238
Other berries.....	2	5	15	3,200	230

Strawberries are the most important in quantity and value of the small fruits raised in West Virginia, with blackberries and dewberries ranking second in quantity and third in value, while raspberries and loganberries are third in quantity but second in value. The total acreage of small fruits in 1909 was 2,913, and in 1899, 1,994, an increase of 46.1 per cent. The production in 1909 was 2,337,000 quarts, as compared with 2,388,000 quarts in 1899, and the value was \$191,000 in 1909, as compared with \$149,000 in 1899.

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

The total quantity of orchard fruits produced in 1909 was 4,710,000 bushels, valued at \$3,040,000. Apples contributed about nine-tenths of this quantity, peaches and nectarines most of the remainder. The

production of grapes in 1909 amounted to 3,224,751 pounds, valued at \$92,834, and that of nuts to 974,312 pounds, valued at \$16,049.

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCTS.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. <sup>1</sup>	Value.	Quantity. <sup>1</sup>
Orchard fruits, total.....	6,770,384	4,589,587	4,709,959	\$3,040,192	7,642,193		
Apples.....	76,122	4,570,948	46,837	2,772,025	4,225,163	2,461,074	7,495,743
Peaches and nectarines.....	34,903	1,424,582	20,703	1,441,188	328,901	368,584	18,100
Pears.....	25,729	154,908	20,128	102,826	20,916	32,101	19,475
Plums and prunes.....	22,605	234,850	12,000	125,078	32,948	48,522	10,123
Cherries.....	30,530	332,429	12,277	124,567	79,723	111,043	87,828
Apricots.....	699	1,947	380	1,201	124	185	145
Quinces.....	10,439	50,708	4,027	22,702	13,163	18,670	( <sup>2</sup> )
Mulberries.....	2	3			21	( <sup>2</sup> )	( <sup>2</sup> )
Unclassified.....							1,770
Grapes.....	25,733	284,074	6,769	76,465	3,224,751	92,834	2,192,147
Nuts, total.....	442,167	12,903	974,312	16,049	502,900		
Persian or English walnuts.....	121	3,035	59	1,481	17,337	2,153	
Black walnuts.....	1,337	32,495	225	9,082	878,215	11,330	( <sup>2</sup> )
Chestnuts.....	211	4,830	14	1,536	40,380	1,830	( <sup>2</sup> )
Unclassified.....							502,900
Tropical fruits, (figs).....	26	225	17	1,428	950	47	

<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 hickory nuts, butternuts, almonds, pecans, chinquapins, and other nuts.

The production of all orchard fruits together in 1909 was 38.4 per cent less in quantity than that in 1899, while the production of grapes increased materially. The value of orchard fruits, however, increased from \$2,156,000 in 1899 to \$3,040,000 in 1909, and that of grapes from \$50,874 in 1899 to \$92,834 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
Cider.....	3,516	3.6	Gals....	248,543	903,830
Vinegar.....	4,105	4.3	Gals....	122,592	284,729
Wine and grape juices.....	949	1.0	Gals....	15,449	17,658
Dried fruits.....	5,792	6.0	Lbs....	396,927	1,843,060

Sugar crops: 1909 and 1899.—The next table shows data with regard to maple trees and their products and also for sugar beets and sorghum cane. The total value of sorghum cane and sirup produced in 1909 was \$300,000, as compared with \$190,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	1,900	2.1	197,274			\$40,508
Sugar made.....	905	0.9		140,000	Lbs.	15,157
Sirup made.....	1,850	1.9		31,176	Gals.	31,411
Total, 1899.....	1,507	1.6				25,271
Sugar made.....				141,550	Lbs.	12,273
Sirup made.....				14,874	Gals.	12,908
Sugar beets, 1909 <sup>1</sup> .....	10	( <sup>2</sup> )	( <sup>4</sup> )	45	Tons.	329
Sorghum cane:						
Total, 1909 <sup>3</sup> .....						300,218
Cane grown.....	10,720	17.3	8,607	48,094	Tons.	
Sirup made.....	10,719	17.3		604,201	Gals.	300,188
Total, 1899.....						180,935
Cane grown.....	14,834	16.0	0,870	56,460	Tons.	
Cane sold as such.....				3,392	Tons.	0,795
Sirup made.....				450,777	Gals.	180,140

<sup>1</sup> Number of trees. <sup>2</sup> Less than one-tenth of 1 per cent.  
<sup>3</sup> Used as root forage. <sup>4</sup> Reported in small fractions.  
<sup>5</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 36,521 farms in West Virginia (37.8 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$4,004,484, as compared with \$2,632,980 in 1899, an increase of 52.1 per cent. Of the value in 1909, \$1,267,504 was reported as that of products used or to be used on the farms themselves, \$2,042,675 as that of products sold or for sale, and \$694,305 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 1,176 farmers in West Virginia sold, during the year 1909, 5,165 tons of straw, for which they received \$31,416, and that 1,207 farmers sold 4,805 tons of cornstalks and leaves, for which they received \$14,217.

**SELECTED FARM EXPENSES AND RECEIPTS.**

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

EXPENSE.	1909		Amount.	1899	INCREASE.		
	Farms reporting.				Amount.	Amount.	Per cent.
	Number.	Percent of all farms.					
Labor.....	43,871	45.4	\$4,035,704	\$2,041,500	\$1,994,204	97.7	
Feed.....	37,301	38.0	1,938,233	( <sup>1</sup> )			
Fertilizer.....	23,067	24.8	528,937	405,270	123,667	30.6	

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

Of the amount reported as spent for labor, \$832,000, or 20.6 per cent, is in the form of rent and board and during the decade the total expenditures for labor about doubled. Over two-fifths of the farmers hire labor, and the average amount expended by those hiring is \$91.99.

About two farmers out of every five report some expenditure for feed in 1909, and one out of every four reports the purchase of fertilizer. The average

expenditure for fertilizer per farm reporting is \$22.07, or about one and one-third times as much as was thus spent in 1899.

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Per cent of all farms.	Amount.	Unit.	
Total.....					\$1,212,228
Corn.....	11,408	11.8	981,041	Bu.	675,879
Oats.....	2,101	2.2	94,707	Bu.	50,561
Barley.....	8	( <sup>1</sup> )	440	Bu.	319
Hay and coarse forage.....	8,008	8.3	40,193	Tons.	485,400

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

While the total amount expended by West Virginia farmers for the purchase of feed in 1909 was \$1,938,000, the total receipts from the sale of feed by those reporting sales amounted to \$1,212,000.

**COUNTY TABLES.**

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910. Tables 1, 2, and 6 are given as

of April 15, 1910. Comparative data for June 1, 1900, are shown in italics for certain items. Tables 3, 4, and 5 show the products of the year 1909.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.			Barbour.	Berkeley.	Boone.	Braxton.	Brooke.
	Total.	White.	Colored.					
1 Population	1,221,119	1,150,817	64,302	15,858	21,999	10,331	23,023	11,008
2 Population in 1900	<i>958,800</i>	<i>915,233</i>	<i>43,567</i>	<i>14,198</i>	<i>19,469</i>	<i>8,194</i>	<i>18,904</i>	<i>7,219</i>
3 Number of all farms	90,685	95,977	708	2,020	1,288	1,172	2,870	408
4 Number of all farms in 1900	<i>92,374</i>	<i>92,132</i>	<i>742</i>	<i>2,013</i>	<i>1,272</i>	<i>1,228</i>	<i>2,563</i>	<i>480</i>
5 Color and nativity of farmers:								
6 Native white	95,138	95,138	.....	1,920	1,249	1,154	2,841	442
7 Foreign-born white	839	839	.....	13	5	.....	10	25
8 Negro and other nonwhite	708	.....	708	98	34	18	19	1
9 Number of farms, classified by size:								
10 Under 3 acres	117	114	3	.....	2	2	.....	3
11 3 to 9 acres	7,419	7,282	137	112	115	104	245	27
12 10 to 19 acres	7,893	7,724	139	144	89	165	213	27
13 20 to 49 acres	29,323	29,132	191	476	159	302	570	68
14 50 to 99 acres	29,896	29,559	147	601	224	238	916	111
15 100 to 174 acres	20,156	20,099	57	400	350	179	566	133
16 175 to 259 acres	7,481	7,400	21	159	222	62	214	68
17 260 to 499 acres	4,767	4,755	12	114	111	49	116	31
18 500 to 999 acres	1,316	1,316	.....	14	10	11	25	.....
19 1,000 acres and over	437	436	1	0	.....	.....	5	.....
LAND AND FARM AREA								
20 Approximate land area	15,374,080	.....	.....	222,720	208,000	323,840	330,880	56,960
21 Land in farms	10,026,442	9,991,901	34,541	200,010	159,216	88,860	205,181	52,493
22 Land in farms in 1900	<i>10,654,513</i>	<i>10,612,929</i>	<i>41,584</i>	<i>217,269</i>	<i>168,795</i>	<i>164,190</i>	<i>261,830</i>	<i>56,317</i>
23 Improved land in farms	5,521,757	5,501,500	20,257	134,553	116,914	31,552	145,743	36,977
24 Improved land in farms in 1900	<i>5,438,981</i>	<i>5,475,915</i>	<i>23,066</i>	<i>146,899</i>	<i>126,882</i>	<i>31,918</i>	<i>121,947</i>	<i>44,792</i>
25 Woodland in farms	3,958,836	3,956,320	12,516	46,863	37,520	55,927	115,793	7,197
26 Other unimproved land in farms	635,840	534,081	1,768	10,194	4,782	1,381	3,735	8,289
27 Per cent of land area in farms	65.2	65.0	0.2	90.1	76.5	27.4	80.1	92.1
28 Per cent of farm land improved	55.1	55.1	58.6	67.1	73.4	35.5	55.0	70.5
29 Average acres per farm	103.7	104.1	48.8	99.0	123.6	75.8	92.4	112.1
30 Average improved acres per farm	57.1	57.3	28.6	66.4	90.8	26.9	50.8	79.0
VALUE OF FARM PROPERTY								
31 All farm property	314,738,540	313,432,473	1,306,067	7,238,951	7,523,456	2,203,348	8,068,065	3,475,257
32 All farm property in 1900	<i>203,907,549</i>	<i>203,079,638</i>	<i>827,711</i>	<i>4,073,678</i>	<i>4,838,325</i>	<i>1,417,788</i>	<i>3,779,381</i>	<i>2,629,122</i>
33 Per cent increase, 1900-1910	54.4	54.3	57.8	45.5	55.5	59.0	81.7	32.2
34 Land	207,075,759	206,247,170	828,589	4,800,229	4,676,980	1,604,284	4,503,739	2,278,549
35 Land in 1900	<i>134,209,110</i>	<i>133,715,440</i>	<i>553,670</i>	<i>3,423,500</i>	<i>2,988,060</i>	<i>940,410</i>	<i>2,411,250</i>	<i>1,625,410</i>
36 Buildings	57,315,195	57,067,390	247,805	1,162,760	1,635,485	346,907	1,144,001	772,350
37 Buildings in 1900	<i>54,026,660</i>	<i>53,892,370</i>	<i>134,190</i>	<i>610,510</i>	<i>1,115,430</i>	<i>227,270</i>	<i>596,370</i>	<i>450,630</i>
38 Implements and machinery	7,011,613	6,979,820	31,693	159,779	231,121	28,362	126,322	98,542
39 Implements, etc., in 1900	<i>6,040,420</i>	<i>6,018,070</i>	<i>21,760</i>	<i>97,780</i>	<i>174,230</i>	<i>27,470</i>	<i>78,050</i>	<i>71,750</i>
40 Domestic animals, poultry, and bees	43,336,073	43,138,093	197,980	1,107,193	970,870	283,815	1,093,943	325,795
41 Domestic animals, etc., in 1900	<i>39,571,259</i>	<i>39,453,158</i>	<i>118,101</i>	<i>841,938</i>	<i>660,005</i>	<i>222,638</i>	<i>693,711</i>	<i>267,372</i>
42 Per cent of value of all property in—								
43 Land	65.8	65.8	63.4	66.4	62.2	70.9	65.0	65.0
44 Buildings	18.2	18.2	19.0	16.1	21.7	15.3	16.7	22.2
45 Implements and machinery	2.2	2.2	2.4	2.2	3.1	1.3	1.8	2.8
46 Domestic animals, poultry, and bees	13.8	13.8	15.2	15.3	13.0	12.5	15.9	9.4
47 Average values:								
48 All property per farm	3,255	3,206	1,845	3,573	5,841	1,931	2,393	7,426
49 Land and buildings per farm	2,735	2,744	1,520	2,948	4,001	1,695	1,908	6,519
50 Land per acre	20.65	20.64	23.99	23.97	29.38	18.05	16.98	43.43
51 Land per acre in 1900	<i>12.60</i>	<i>12.60</i>	<i>13.31</i>	<i>15.76</i>	<i>17.71</i>	<i>6.73</i>	<i>9.21</i>	<i>28.83</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals	92,179	91,518	661	1,918	1,290	1,155	2,724	439
53 Value of domestic animals	41,318,436	41,129,257	189,179	1,068,837	928,996	266,635	1,042,992	399,841
Cattle:								
54 Total number	620,288	618,091	2,197	16,583	8,154	5,417	17,308	3,599
55 Dairy cows	239,539	238,428	1,111	5,042	4,165	2,180	6,953	2,041
56 Other cows	63,740	63,545	195	1,908	1,077	297	1,796	247
57 Yearling heifers	75,593	75,243	260	1,707	810	704	2,299	524
58 Calves	59,518	59,285	233	1,110	1,099	543	1,508	335
59 Yearling steers and bulls	69,602	69,404	198	1,515	603	851	2,237	236
60 Other steers and bulls	112,366	112,186	200	5,292	400	872	2,695	127
61 Value	15,869,794	15,805,508	55,256	522,826	191,133	108,540	455,404	94,328
Horses:								
62 Total number	179,991	179,093	988	4,358	5,474	770	4,215	1,326
63 Mature horses	159,557	158,669	888	3,892	4,517	744	3,713	1,232
64 Yearling colts	16,973	16,895	78	440	657	28	428	57
65 Spring colts	3,461	3,439	22	56	300	7	74	7
66 Value	18,583,381	18,480,397	103,014	445,950	559,127	70,363	422,488	138,459
Mules:								
67 Total number	11,717	11,627	90	48	248	434	293	43
68 Mature mules	10,800	10,719	81	46	246	414	156	43
69 Yearling colts	777	770	7	1	1	13	44	.....
70 Spring colts	140	138	2	1	1	7	3	.....
71 Value	1,339,760	1,331,335	8,405	5,670	31,355	51,627	22,740	5,915
Asses and burros:								
72 Number	160	159	1	.....	.....	2	.....	.....
73 Value	25,556	25,481	75	.....	.....	375	1,055	.....
Swine:								
74 Total number	328,188	325,750	2,438	6,270	0,070	6,447	6,857	2,007
75 Mature hogs	211,463	209,802	1,661	3,415	6,710	4,336	5,012	964
76 Spring pigs	116,725	115,948	777	2,861	3,260	2,111	1,845	1,133
77 Value	2,087,392	2,072,208	15,184	44,830	57,852	30,429	46,591	18,364
Sheep:								
78 Total number	910,360	908,534	1,826	12,013	19,925	1,972	24,730	15,152
79 Rams, ewes, and wethers	595,952	595,897	1,055	6,565	10,463	1,311	13,497	13,754
80 Spring lambs	343,408	342,637	771	5,448	9,462	661	11,233	1,398
81 Value	3,400,991	3,393,661	7,240	49,010	89,594	4,088	93,767	52,753
Goats:								
82 Number	5,748	5,747	1	147	5	5	211	6
83 Value	20,682	20,677	5	542	25	13	949	31
POULTRY AND BEES								
84 Number of poultry of all kinds	3,310,155	3,294,250	15,899	59,391	79,495	35,692	77,291	24,136
85 Value	1,628,706	1,620,681	8,019	32,514	43,725	11,368	38,013	14,550
86 Number of colonies of bees	110,673	110,462	211	1,561	2,410	2,325	3,440	325
87 Value	388,937	388,155	782	5,842	7,140	0,412	12,938	1,404

AGRICULTURE—WEST VIRGINIA.

BY COUNTIES: APRIL 15, 1910.

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

	Cabell.	Calhoun.	Clay.	Doddridge.	Fayette.	Gilmer.	Grant.	Greenbrier.	Hampshire.	Hancock.	Hardy.	Harrison.
1	46,085	11,258	10,233	12,672	51,903	11,370	7,838	24,833	11,694	10,465	9,103	48,881
2	<i>29,252</i>	<i>10,209</i>	<i>8,248</i>	<i>13,089</i>	<i>31,937</i>	<i>11,702</i>	<i>7,275</i>	<i>20,033</i>	<i>11,800</i>	<i>6,093</i>	<i>8,449</i>	<i>27,090</i>
3	2,280	1,740	1,999	1,755	1,072	1,663	928	2,551	1,600	452	1,106	2,286
4	<i>1,905</i>	<i>1,074</i>	<i>800</i>	<i>1,837</i>	<i>1,128</i>	<i>1,704</i>	<i>344</i>	<i>2,434</i>	<i>1,000</i>	<i>487</i>	<i>840</i>	<i>2,323</i>
5	2,266	1,735	1,997	1,737	1,008	1,656	910	2,476	1,603	434	1,002	2,271
6	17	4	2	18	20	0	6	20	3	16	7	6
7	6	10			44	1	12	40	3	2	7	9
8	5		1	10	4			4		4		3
9	264	104	103	127	231	103	23	137	38	43	35	170
10	271	114	82	75	209	104	29	144	54	31	50	170
11	593	420	297	337	410	294	90	635	106	59	112	409
12	687	583	348	503	471	407	174	674	90	90	191	619
13	334	306	179	300	226	367	231	575	486	160	265	494
14	95	93	56	132	70	102	135	221	275	50	181	170
15	32	49	23	95	34	99	167	173	238	14	177	131
16	7	11	10	19	7	31	60	69	80	1	63	42
17	1	3		7	1	0	23	10	32	1	32	9
18	107,040	183,040	212,480	202,880	426,880	211,840	295,040	638,720	414,720	53,120	307,800	260,240
19	<i>149,512</i>	<i>149,037</i>	<i>83,083</i>	<i>107,932</i>	<i>110,142</i>	<i>103,000</i>	<i>208,119</i>	<i>330,489</i>	<i>347,171</i>	<i>40,292</i>	<i>248,800</i>	<i>247,835</i>
20	<i>148,997</i>	<i>156,040</i>	<i>69,802</i>	<i>107,079</i>	<i>118,777</i>	<i>191,843</i>	<i>200,072</i>	<i>400,080</i>	<i>342,180</i>	<i>48,480</i>	<i>250,149</i>	<i>271,720</i>
21	84,290	72,354	81,949	129,140	63,732	115,722	95,008	162,358	141,300	34,471	94,520	209,790
22	<i>80,862</i>	<i>70,321</i>	<i>22,367</i>	<i>113,266</i>	<i>46,355</i>	<i>102,041</i>	<i>102,004</i>	<i>159,728</i>	<i>138,391</i>	<i>30,201</i>	<i>70,079</i>	<i>220,005</i>
23	66,748	66,622	37,519	60,307	52,101	73,782	92,200	154,047	188,297	8,048	144,180	29,985
24	<i>8,474</i>	<i>10,061</i>	<i>13,025</i>	<i>2,485</i>	<i>4,300</i>	<i>4,165</i>	<i>10,561</i>	<i>24,084</i>	<i>17,018</i>	<i>2,873</i>	<i>10,100</i>	<i>8,000</i>
25	89.5	81.4	39.1	67.6	25.8	91.4	70.5	51.7	83.7	87.1	67.7	93.1
26	50.4	48.5	38.4	65.2	48.8	59.8	40.1	46.1	40.7	74.5	38.0	84.6
27	65.3	85.2	75.6	112.8	65.0	116.5	224.3	120.0	204.3	102.4	225.0	108.4
28	30.8	41.4	29.1	73.0	32.1	69.6	103.4	50.7	83.2	79.3	85.5	91.8
29	3,060,125	2,809,077	1,565,858	6,610,870	4,376,468	4,681,965	3,400,803	10,300,025	4,010,081	2,702,042	3,007,001	15,115,052
30	<i>2,276,050</i>	<i>2,111,194</i>	<i>709,870</i>	<i>4,065,962</i>	<i>2,037,080</i>	<i>3,064,837</i>	<i>2,667,015</i>	<i>6,515,212</i>	<i>2,007,107</i>	<i>2,207,012</i>	<i>2,414,656</i>	<i>11,448,898</i>
31	74.5	32.8	120.8	62.6	114.8	62.6	31.2	58.1	60.2	22.5	65.6	32.0
32	2,396,144	1,727,819	941,911	4,625,163	2,722,543	3,298,206	2,311,870	6,733,178	3,047,810	1,595,423	2,510,143	10,857,889
33	<i>1,421,020</i>	<i>1,277,400</i>	<i>480,350</i>	<i>2,816,130</i>	<i>1,249,330</i>	<i>1,998,240</i>	<i>1,800,080</i>	<i>4,375,240</i>	<i>1,704,060</i>	<i>1,380,070</i>	<i>1,551,090</i>	<i>8,268,770</i>
34	868,480	461,812	280,594	1,030,365	1,078,010	692,870	441,514	1,840,040	867,742	702,701	641,105	2,420,255
35	<i>419,040</i>	<i>407,300</i>	<i>122,070</i>	<i>547,260</i>	<i>461,060</i>	<i>411,350</i>	<i>308,080</i>	<i>924,270</i>	<i>602,650</i>	<i>604,070</i>	<i>340,180</i>	<i>1,420,150</i>
36	95,127	55,384	40,774	99,255	78,006	117,115	78,120	225,738	180,012	76,176	102,227	219,455
37	<i>67,020</i>	<i>57,270</i>	<i>12,740</i>	<i>71,710</i>	<i>51,400</i>	<i>60,770</i>	<i>59,550</i>	<i>163,270</i>	<i>99,260</i>	<i>57,260</i>	<i>64,480</i>	<i>208,510</i>
38	606,374	548,062	302,670	856,006	407,613	883,768	608,389	1,500,160	823,508	238,252	735,126	1,017,453
39	<i>367,010</i>	<i>369,164</i>	<i>154,110</i>	<i>630,872</i>	<i>235,730</i>	<i>532,477</i>	<i>502,523</i>	<i>1,062,432</i>	<i>514,247</i>	<i>195,412</i>	<i>458,780</i>	<i>1,545,338</i>
40	60.4	61.6	60.2	70.0	62.2	66.2	60.1	65.4	61.9	59.0	63.0	71.8
41	21.0	16.5	17.9	15.6	24.6	13.0	17.0	17.0	17.0	20.3	16.0	16.0
42	2.4	2.3	2.6	1.5	1.8	2.1	2.2	2.2	3.7	2.8	2.6	1.5
43	15.4	10.6	10.3	12.0	11.4	17.7	10.1	14.0	10.7	8.8	18.4	10.7
44	1,734	1,603	1,425	3,707	2,018	2,000	3,771	4,038	2,896	5,979	3,015	6,012
45	1,420	1,252	1,112	3,223	2,279	2,400	2,067	3,361	2,305	5,284	2,857	5,808
46	16,03	11.59	11.34	23.37	24.72	17.03	11.11	20.37	8.78	34.46	10.12	43.81
47	<i>0.68</i>	<i>0.24</i>	<i>0.07</i>	<i>14.22</i>	<i>10.43</i>	<i>10.44</i>	<i>8.59</i>	<i>10.69</i>	<i>4.08</i>	<i>22.00</i>	<i>6.00</i>	<i>30.42</i>
48	2,101	1,062	1,060	1,643	1,630	1,600	898	2,470	1,609	424	1,075	2,195
49	<i>566,932</i>	<i>519,540</i>	<i>288,679</i>	<i>820,434</i>	<i>470,218</i>	<i>852,384</i>	<i>640,468</i>	<i>1,462,467</i>	<i>784,335</i>	<i>225,722</i>	<i>711,688</i>	<i>1,562,672</i>
50	7,430	9,005	4,938	13,477	7,512	14,020	9,560	22,420	9,710	2,800	9,200	22,556
51	3,801	3,781	2,186	4,423	3,608	4,662	2,637	7,331	3,708	1,538	2,720	6,815
52	592	963	360	1,684	570	1,814	1,413	1,988	1,142	228	1,140	2,267
53	815	1,223	677	1,788	1,125	1,801	1,060	2,369	1,304	331	988	2,303
54	784	853	471	1,051	700	1,188	715	1,837	720	403	608	1,739
55	684	1,070	694	1,709	707	1,976	1,088	2,432	1,174	193	1,008	2,115
56	793	1,115	550	2,822	652	3,170	2,042	6,463	1,611	113	2,835	7,317
57	170,554	215,800	112,171	358,586	189,832	402,050	266,625	635,567	214,880	69,407	253,021	730,234
58	3,123	2,475	1,320	3,005	1,769	3,548	2,559	5,407	3,860	1,077	3,093	6,366
59	2,844	2,217	1,158	3,153	1,660	3,072	2,248	4,800	3,527	900	2,754	5,494
60	109	216	124	397	280	350	287	450	280	74	290	740
61	81	42	44	60	60	90	24	61	63	4	40	132
62	315,100	230,565	127,774	354,869	173,602	343,183	248,256	575,101	400,980	114,531	316,064	685,217
63	274	146	126	64	573	97	71	205	428	42	171	40
64	250	118	117	50	553	80	64	280	404	41	107	37
65	23	26	6	8	17	0	7	7	22		3	1
66	1	2	3	8	3	5	2	2	2	1	1	2
67	80,180	14,230	12,109	0,780	57,145	10,145	10,305	39,555	50,546	0,490	21,580	4,336
68	2	1	1	7	15	1		1	5	1	2	1
69	250	75	60	640	3,795	40		20	1,165	10	95	1
70	4,327	3,993	4,251	8,723	5,841	4,537	3,933	10,108	6,220	1,042	5,577	6,041
71	2,857	2,635	3,300	2,241	4,126	2,927	3,700	7,165	1,011	4,024	3,605	3,605
72	1,470	1,358	945	1,482	1,715	1,010	1,141	2,063	1,064	931	1,553	3,246
73	39,539	28,424	24,076	27,001	30,041	34,004	26,846	55,270	40,636	10,050	33,605	50,570
74	2,024	6,083	3,040	20,083	6,888	17,400	24,817	43,641	20,320	6,859	24,018	24,597
75	1,675	3,019	2,477	11,318	4,102	6,548	14,430	23,710	11,472	5,010	13,100	13,223
76	640	2,704	1,463	8,770	2,786	7,858	19,931	8,857	10,931	6,040	10,858	11,374
77	8,108	24,790	12,334	77,507	24,359	62,644	97,164	149,592	69,513	25,232	86,821	85,536
78	44	23	10	55	76	83	93	54	150	1	211	166
79	132	156	55	111	384	338	202	350	660	2	482	628
80	74,865	52,543	22,930	49,484	44,041	52,517	30,403	94,753	69,355	19,493	49,803	80,168
81	<i>35,958</i>	<i>20,181</i>	<i>8,798</i>	<i>22,043</i>	<i>19,825</i>	<i>21,339</i>	<i>15,178</i>	<i>40,557</i>	<i>34,890</i>	<i>11,781</i>	<i>21,942</i>	<i>40,833</i>
82	2,468	2,170	1,263	1,892	1,894	2,378	1,266	2,107	1,752	183	740	1,840
83	<i>6,484</i>	<i>8,341</i>	<i>5,202</i>	<i>7,610</i>	<i>7,770</i>	<i>10,045</i>	<i>3,753</i>	<i>7,145</i>	<i>4,343</i>	<i>749</i>	<i>1,516</i>	<i>8,048</i>



TABLE I.—FARMS AND FARM PROPERTY,

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

	Jackson.	Jefferson.	Kanawha.	Lewis.	Lincoln.	Logan.	McDowell.
1 Population.....	20,956	15,889	81,457	18,281	20,401	14,470	47,850
2 <i>Population in 1900.....</i>	<i>22,987</i>	<i>15,935</i>	<i>64,695</i>	<i>19,080</i>	<i>16,484</i>	<i>6,955</i>	<i>18,747</i>
3 Number of all farms.....	3,145	836	3,807	1,815	2,936	1,110	880
4 <i>Number of all farms in 1900.....</i>	<i>3,094</i>	<i>785</i>	<i>3,009</i>	<i>1,030</i>	<i>2,415</i>	<i>940</i>	<i>780</i>
5 Color and nativity of farmers:							
6 Native white.....	3,133	793	3,715	1,782	2,933	1,104	869
7 Foreign-born white.....	11	2	35	32	2	1	3
8 Negro and other nonwhite.....	1	41	57	1	1	5	8
9 Number of farms, classified by size:							
10 Under 3 acres.....	1	2	13	2	1	.....	0
11 3 to 9 acres.....	127	69	571	123	332	241	108
12 10 to 19 acres.....	247	46	505	94	418	194	61
13 20 to 49 acres.....	681	85	1,010	280	648	220	203
14 50 to 99 acres.....	1,055	108	992	430	860	187	184
15 100 to 174 acres.....	704	242	487	452	515	130	128
16 175 to 250 acres.....	207	177	135	221	102	58	58
17 260 to 499 acres.....	101	100	70	161	46	45	66
18 500 to 999 acres.....	18	6	19	38	5	25	44
19 1,000 acres and over.....	4	1	5	14	.....	10	19
<b>LAND AND FARM AREA</b>							
20 Approximate land area.....acres.....	295,040	135,040	550,400	251,520	267,520	280,320	341,120
21 Land in farms.....acres.....	284,746	120,786	252,402	243,153	191,802	99,421	128,784
22 <i>Land in farms in 1900.....</i>	<i>285,127</i>	<i>123,307</i>	<i>251,591</i>	<i>240,505</i>	<i>184,665</i>	<i>118,860</i>	<i>135,779</i>
23 Improved land in farms.....acres.....	204,614	104,764	135,873	181,827	88,823	24,035	17,479
24 <i>Improved land in farms in 1900.....</i>	<i>184,167</i>	<i>103,798</i>	<i>125,498</i>	<i>171,695</i>	<i>68,487</i>	<i>20,816</i>	<i>18,748</i>
25 Woodland in farms.....acres.....	74,619	14,754	103,792	57,456	99,108	73,699	108,851
26 Other unimproved land in farms.....acres.....	5,513	1,268	12,737	3,870	3,931	1,717	2,454
27 Per cent of land area in farms.....	96.5	89.4	45.9	96.7	71.7	35.5	37.8
28 Per cent of farm land improved.....	71.9	86.7	53.8	74.8	46.3	24.2	13.6
29 Average acres per farm.....	90.5	144.5	66.3	134.0	65.3	89.0	145.3
30 Average improved acres per farm.....	65.1	125.3	35.7	100.2	30.3	21.7	19.9
<b>VALUE OF FARM PROPERTY</b>							
31 All farm property.....dollars.....	7,852,906	9,946,933	8,946,190	10,202,819	3,924,329	3,832,368	4,961,042
32 <i>All farm property in 1900.....</i>	<i>6,223,680</i>	<i>5,496,891</i>	<i>4,558,580</i>	<i>7,056,687</i>	<i>1,696,388</i>	<i>1,071,600</i>	<i>1,905,830</i>
33 Per cent increase, 1900-1910.....	50.2	81.0	105.3	45.0	131.3	257.6	263.2
34 Land.....dollars.....	4,554,751	6,468,679	5,918,425	7,240,240	2,340,304	3,184,018	4,304,018
35 <i>Land in 1900.....</i>	<i>3,202,000</i>	<i>3,494,150</i>	<i>2,743,500</i>	<i>4,922,970</i>	<i>222,690</i>	<i>655,440</i>	<i>1,441,080</i>
36 Buildings.....dollars.....	1,552,855	2,025,256	1,709,905	1,442,700	800,483	302,804	418,990
37 <i>Buildings in 1900.....</i>	<i>888,390</i>	<i>1,220,450</i>	<i>853,700</i>	<i>901,190</i>	<i>316,610</i>	<i>187,100</i>	<i>29,770</i>
38 Implements and machinery.....dollars.....	209,917	177,615	100,253	80,545	28,436	23,524	23,524
39 <i>Implements, etc., in 1900.....</i>	<i>158,350</i>	<i>176,000</i>	<i>105,820</i>	<i>119,860</i>	<i>49,400</i>	<i>22,080</i>	<i>6,000</i>
40 Domestic animals, poultry, and bees.....dollars.....	1,535,443	1,108,641	1,080,245	1,350,626	684,907	250,210	214,512
41 <i>Domestic animals, etc., in 1900.....</i>	<i>872,980</i>	<i>606,821</i>	<i>648,510</i>	<i>1,091,667</i>	<i>401,668</i>	<i>200,390</i>	<i>129,088</i>
42 Per cent of value of all property in—							
43 Land.....	58.0	65.0	66.2	71.1	59.0	83.1	86.8
44 Buildings.....	19.8	20.4	19.8	14.1	20.4	9.5	8.4
45 Implements and machinery.....	2.7	2.8	2.0	1.6	2.3	0.7	0.5
46 Domestic animals, poultry, and bees.....	19.6	11.7	12.1	13.2	17.5	6.7	4.3
47 Average values:							
48 All property per farm.....dollars.....	2,497	11,898	2,350	5,621	1,337	3,453	5,638
49 Land and buildings per farm.....dollars.....	1,942	10,164	2,020	4,789	1,073	3,106	5,367
50 Land per acre.....dollars.....	16.00	53.55	23.45	29.81	12.24	32.03	33.42
51 <i>Land per acre in 1900.....</i>	<i>11.69</i>	<i>28.34</i>	<i>10.94</i>	<i>20.47</i>	<i>5.03</i>	<i>5.79</i>	<i>8.40</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
52 Farms reporting domestic animals.....	2,999	826	3,591	1,757	2,766	1,072	848
53 Value of domestic animals.....dollars.....	1,440,210	1,125,809	1,006,129	1,303,798	647,430	238,675	197,267
54 Cattle:							
55 Total number.....	22,730	8,520	17,573	20,584	9,250	4,827	3,816
56 Dairy cows.....	7,416	3,486	7,671	5,811	4,402	2,011	1,765
57 Other cows.....	2,149	618	1,537	2,934	703	515	541
58 Yearling heifers.....	2,666	904	1,972	2,254	1,061	527	515
59 Calves.....	2,056	1,203	2,031	1,461	668	446	488
60 Yearling steers and bulls.....	2,815	630	1,574	2,405	970	480	251
61 Other steers and bulls.....	5,637	1,370	2,788	5,719	1,137	868	256
62 Value.....dollars.....	598,388	224,905	434,379	600,297	200,849	96,623	85,949
63 Horses:							
64 Total number.....	6,328	5,816	3,302	5,164	2,827	634	597
65 Mature horses.....	5,493	4,725	2,905	4,475	2,059	610	580
66 Yearling colts.....	697	680	302	597	311	17	49
67 Spring colts.....	138	405	95	92	57	7	12
68 Value.....dollars.....	665,172	665,421	428,287	517,230	202,237	54,200	50,198
69 Mules:							
70 Total number.....	288	155	517	52	730	423	308
71 Mature mules.....	227	143	481	43	604	405	298
72 Yearling colts.....	58	7	34	9	33	14	8
73 Spring colts.....	3	5	2	.....	3	4	2
74 Value.....dollars.....	32,220	20,886	58,542	5,465	87,792	51,215	31,328
75 Asses and burros:							
76 Number.....	5	3	9	4	5	1	2
77 Value.....dollars.....	950	400	1,730	70	1,100	500	375
78 Swine:							
79 Total number.....	7,113	15,155	8,954	5,243	7,492	6,660	8,431
80 Mature hogs.....	4,342	9,806	6,336	3,289	5,085	4,724	2,469
81 Spring pigs.....	2,771	5,289	2,618	1,954	2,407	1,936	962
82 Value.....dollars.....	53,868	87,604	62,620	37,425	59,643	31,769	18,035
83 Sheep:							
84 Total number.....	25,520	26,796	4,854	36,510	2,420	1,842	3,163
85 Rams, ewes, and wethers.....	15,924	14,131	2,972	19,008	1,559	1,168	2,134
86 Spring lambs.....	9,602	12,665	1,882	17,442	861	674	1,029
87 Value.....dollars.....	80,862	126,593	18,798	142,802	5,734	4,278	9,408
88 Goats:							
89 Number.....	78	.....	469	105	32	.....	28
90 Value.....dollars.....	241	.....	1,464	440	75	.....	74
<b>POULTRY AND BEES</b>							
91 Number of poultry of all kinds.....	151,658	70,849	117,877	63,464	80,302	28,875	18,827
92 Value.....dollars.....	82,105	39,796	60,600	35,735	27,020	10,943	9,759
93 Number of colonies of bees.....	4,040	893	8,934	2,420	3,083	2,301	1,622
94 Value.....dollars.....	13,128	3,036	13,516	11,098	9,647	4,592	7,486

AGRICULTURE—WEST VIRGINIA.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Marion.	Marshall.	Mason.	Mercer.	Mineral.	Mingo.	Monongalia.	Monroe.	Morgan.	Nicholas.	Ohio.	Pendleton
1	42,794	32,388	23,019	33,371	10,674	19,431	24,334	13,055	7,848	17,000	57,572	9,349
2	<i>38,430</i>	<i>26,444</i>	<i>24,142</i>	<i>23,023</i>	<i>12,335</i>	<i>11,350</i>	<i>10,049</i>	<i>13,130</i>	<i>7,894</i>	<i>11,403</i>	<i>43,024</i>	<i>9,167</i>
3	2,333	1,957	2,695	1,959	728	1,059	2,087	1,918	806	1,070	706	1,321
4	<i>2,521</i>	<i>1,991</i>	<i>2,065</i>	<i>1,975</i>	<i>693</i>	<i>657</i>	<i>2,250</i>	<i>1,794</i>	<i>695</i>	<i>1,767</i>	<i>803</i>	<i>1,217</i>
5	2,310	1,893	2,668	1,923	709	1,058	2,074	1,857	854	1,059	641	1,311
6	22	62	22	9	11	10	10	2	2	2	2	2
7	1	2	5	24	8	1	3	59	10	9	3	2
8	4	3				2	2				9	
9	193	115	165	211	19	173	134	121	70	73	60	40
10	231	119	237	212	193	150	193	137	55	101	70	52
11	630	335	654	392	71	220	437	304	107	399	146	149
12		658	496	496	117	212	532	474	187	543	155	247
13	389	591	545	302	174	175	442	420	224	359	180	268
14	129	166	172	157	127	47	153	212	133	111	61	213
15	51	65	93	98	135	77	77	138	70	93	15	226
16	11	8	13	22	53	10	15	43	13	11	1	52
17			30	6	10	8	2	9	1	6		44
18	201,600	198,400	304,000	268,160	223,360	266,240	229,190	292,480	149,120	435,200	68,480	447,360
19	<i>173,529</i>	<i>189,727</i>	<i>264,210</i>	<i>185,108</i>	<i>166,925</i>	<i>93,637</i>	<i>137,822</i>	<i>241,342</i>	<i>107,659</i>	<i>157,375</i>	<i>59,508</i>	<i>312,694</i>
20	<i>199,348</i>	<i>185,245</i>	<i>262,458</i>	<i>217,829</i>	<i>167,391</i>	<i>104,697</i>	<i>218,114</i>	<i>217,638</i>	<i>108,253</i>	<i>192,227</i>	<i>62,498</i>	<i>545,590</i>
21	131,820	137,129	173,971	89,799	98,313	144,121	126,923	47,943	47,943	77,325	47,908	88,140
22	<i>148,686</i>	<i>154,206</i>	<i>189,904</i>	<i>91,055</i>	<i>75,363</i>	<i>24,871</i>	<i>164,300</i>	<i>145,297</i>	<i>49,316</i>	<i>89,539</i>	<i>45,997</i>	<i>115,691</i>
23	32,327	37,177	59,487	89,224	75,103	75,103	25,132	61,846	51,459	75,372	5,257	133,391
24	<i>9,383</i>	<i>15,421</i>	<i>15,762</i>	<i>6,085</i>	<i>13,500</i>	<i>2,065</i>	<i>18,510</i>	<i>23,573</i>	<i>6,567</i>	<i>4,178</i>	<i>7,242</i>	<i>41,187</i>
25	80.1	95.6	83.6	99.0	70.3	35.2	82.0	82.5	72.2	36.2	86.9	69.9
26	70.0	72.3	70.4	48.5	43.5	24.8	70.7	52.2	44.3	49.1	79.0	28.2
27	74.4	96.9	94.3	94.0	215.0	85.4	90.0	125.3	124.3	94.2	84.3	239.7
28	50.5	70.1	60.4	45.9	93.8	21.0	90.1	65.7	55.0	46.3	60.0	90.7
29	10,069,274	10,420,500	6,036,104	5,013,346	2,904,244	2,072,014	11,705,325	8,138,421	1,959,375	4,001,014	5,873,951	4,889,098
30	<i>7,537,434</i>	<i>7,579,322</i>	<i>5,049,341</i>	<i>2,969,188</i>	<i>2,545,467</i>	<i>1,099,510</i>	<i>10,326,816</i>	<i>4,099,389</i>	<i>1,068,238</i>	<i>2,549,310</i>	<i>4,426,894</i>	<i>3,632,391</i>
31	32.8	37.5	37.4	69.0	26.4	88.4	13.4	74.0	83.4	57.5	32.7	34.6
32	0,020,303	0,705,103	4,186,073	3,272,187	1,913,846	1,524,110	8,705,305	5,327,705	1,110,357	2,614,079	3,591,194	3,307,752
33	<i>5,328,929</i>	<i>5,244,530</i>	<i>3,535,050</i>	<i>1,824,590</i>	<i>1,554,959</i>	<i>791,670</i>	<i>7,835,310</i>	<i>2,395,540</i>	<i>574,230</i>	<i>1,581,120</i>	<i>2,359,840</i>	<i>2,478,720</i>
34	1,976,044	2,221,270	1,308,293	906,700	549,985	304,815	1,743,531	1,205,500	602,065	670,983	1,554,011	523,015
35	<i>1,270,440</i>	<i>1,277,530</i>	<i>911,500</i>	<i>504,000</i>	<i>567,100</i>	<i>141,070</i>	<i>1,275,490</i>	<i>753,850</i>	<i>201,430</i>	<i>333,690</i>	<i>1,047,710</i>	<i>530,280</i>
36	102,262	273,348	204,322	80,388	78,099	25,521	208,296	208,296	79,213	83,672	148,267	111,488
37	<i>158,330</i>	<i>217,000</i>	<i>168,080</i>	<i>66,970</i>	<i>64,130</i>	<i>2,590</i>	<i>215,093</i>	<i>135,400</i>	<i>59,570</i>	<i>65,060</i>	<i>123,660</i>	<i>75,310</i>
38	946,035	1,220,779	1,177,500	745,071	422,314	217,598	1,048,436	1,306,950	267,740	629,590	580,470	940,343
39	<i>735,794</i>	<i>340,122</i>	<i>744,901</i>	<i>615,693</i>	<i>359,197</i>	<i>167,586</i>	<i>999,018</i>	<i>379,598</i>	<i>179,558</i>	<i>511,568</i>	<i>401,684</i>	<i>698,171</i>
40	69.2	64.3	60.4	65.3	64.6	73.0	74.4	65.5	50.7	65.3	61.1	67.7
41	19.7	21.3	10.7	18.1	13.6	14.7	14.9	15.9	25.6	16.9	28.5	10.7
42	1.0	2.6	2.0	1.8	2.6	1.2	1.8	2.6	4.0	2.1	2.5	2.3
43	9.4	11.7	17.0	14.9	14.2	10.5	8.0	16.1	13.7	15.7	9.9	10.4
44	4,290	5,325	2,574	2,563	4,072	1,957	5,009	4,243	2,263	2,396	8,320	3,701
45	<i>3,815</i>	<i>4,561</i>	<i>2,061</i>	<i>2,136</i>	<i>3,384</i>	<i>1,727</i>	<i>5,097</i>	<i>3,453</i>	<i>1,802</i>	<i>1,971</i>	<i>7,283</i>	<i>2,909</i>
46	39.01	35.34	19.47	17.68	12.20	10.28	40.35	22.68	10.31	10.61	60.85	10.68
47	<i>23.00</i>	<i>23.62</i>	<i>12.33</i>	<i>8.64</i>	<i>9.29</i>	<i>7.57</i>	<i>35.92</i>	<i>11.70</i>	<i>5.27</i>	<i>8.23</i>	<i>45.66</i>	<i>7.22</i>
48	2,222	1,905	2,502	1,813	695	1,004	1,989	1,836	704	1,033	667	1,296
49	<i>892,035</i>	<i>1,161,904</i>	<i>1,113,555</i>	<i>714,322</i>	<i>405,405</i>	<i>202,011</i>	<i>997,917</i>	<i>1,263,520</i>	<i>251,393</i>	<i>599,243</i>	<i>554,360</i>	<i>922,865</i>
50	13,491	13,309	15,731	11,414	6,253	4,392	14,631	17,779	3,019	10,360	6,023	13,677
51	0,328	6,438	6,344	4,608	2,510	1,803	5,227	5,541	1,622	4,500	4,548	4,548
52	1,227	1,032	1,128	1,056	1,028	501	1,408	1,707	105	1,081	387	1,774
53	1,971	1,808	1,795	1,499	1,678	615	1,678	1,951	421	1,267	764	1,810
54	1,441	1,427	1,610	1,254	701	501	1,332	1,482	333	1,012	938	1,200
55	1,141	1,327	1,878	1,792	587	610	1,026	2,057	201	1,281	381	1,900
56	1,383	1,277	2,973	1,205	557	472	3,200	4,981	157	1,310	329	2,445
57	<i>354,437</i>	<i>327,977</i>	<i>361,000</i>	<i>277,711</i>	<i>150,482</i>	<i>70,378</i>	<i>384,165</i>	<i>487,323</i>	<i>54,828</i>	<i>227,722</i>	<i>198,159</i>	<i>338,078</i>
58	4,582	5,291	5,880	2,802	1,868	565	4,540	5,043	1,573	2,760	2,071	3,851
59	<i>4,985</i>	<i>4,935</i>	<i>5,028</i>	<i>2,480</i>	<i>1,056</i>	<i>530</i>	<i>4,172</i>	<i>4,363</i>	<i>1,424</i>	<i>2,456</i>	<i>1,944</i>	<i>3,308</i>
60	432	410	383	287	24	24	303	562	170	279	109	482
61	55	40	172	60	33	5	14	118	39	34	18	61
62	440,472	551,597	589,636	290,934	174,047	54,470	405,965	583,960	157,249	261,624	255,660	383,347
63	46	101	282	392	85	313	65	130	105	270	36	22
64	42	137	235	322	70	288	61	118	104	237	33	13
65	3	23	34	32	6	22	4	10	1	37	2	4
66	1	1	1	8	6	3	4	2	2	2	1	5
67	4,510	17,760	28,568	36,100	10,855	33,600	7,045	14,905	12,786	26,315	4,970	2,083
68	5	3	9	6	2	2	2	1	2	2	2	1
69	200	310	1,390	1,050	200	45	15	200	275	850	20	20
70	5,308	11,223	7,575	5,473	2,555	6,021	5,066	8,365	2,883	7,096	2,778	7,293
71	2,801	4,931	4,793	3,919	1,930	3,959	2,815	5,680	1,998	5,258	1,370	5,083
72	2,507	6,282	2,812	1,563	949	2,055	2,251	2,085	885	1,838	1,408	2,210
73	40,443	74,009	52,770	33,943	10,548	29,300	39,473	42,681	21,125	29,425	24,135	33,209
74	12,921	47,250	17,371	17,417	9,028	2,047	27,012	34,676	1,223	17,049	16,486	47,044
75	3,602	40,910	10,075	9,273	5,941	1,340	20,392	18,105	734	11,220	13,705	28,749
76	4,319	6,340	6,696	8,144	3,987	707	6,050	16,671	489	6,429	2,781	18,295
77	42,538	190,251	88,739	67,433	33,647	5,021	101,325	134,199	5,045	53,481	70,568	166,978
78	115		127	140	692	12	95	132	32	157	3	98
79	435		730	1,061	2,710	47	244	443	100	401	18	150
80	80,442	93,241	109,351	48,384	25,620	20,819	73,067	81,366	20,481	43,773	38,695	46,412
81	<i>46,476</i>	<i>51,578</i>	<i>59,547</i>	<i>24,249</i>	<i>12,730</i>	<i>10,162</i>	<i>37,959</i>	<i>37,982</i>	<i>14,964</i>	<i>17,154</i>	<i>24,711</i>	<i>21,755</i>
82	2,175	2,312	2,002	1,748	1,330	1,897	1,970	1,983	523	2,284	306	836
83	<i>8,154</i>	<i>7,297</i>	<i>7,404</i>	<i>6,500</i>	<i>4,089</i>	<i>5,395</i>	<i>7,800</i>	<i>5,442</i>	<i>1,383</i>	<i>10,183</i>	<i>1,408</i>	<i>2,223</i>

TABLE I.—FARMS AND FARM PROPERTY,

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

	Pleasants.	Pocahontas.	Preston.	Putnam.	Raleigh.	Randolph.	Ritchie.
1 Population.....	8,074	14,740	26,341	19,587	25,633	26,028	17,875
2 Population in 1900.....	<i>9,346</i>	<i>8,572</i>	<i>22,787</i>	<i>17,350</i>	<i>25,436</i>	<i>17,070</i>	<i>18,901</i>
3 Number of all farms.....	895	1,108	2,887	2,279	1,598	1,856	2,255
4 Number of all farms in 1900.....	<i>968</i>	<i>1,051</i>	<i>2,002</i>	<i>2,154</i>	<i>1,745</i>	<i>1,737</i>	<i>2,516</i>
5 Color and nativity of farmers:							
6 Native white.....	885	1,169	2,776	2,260	1,586	1,766	2,241
7 Foreign-born white.....	9	7	56	10	2	84	11
Negro and other nonwhite.....	1	22	5	9	10	6	3
8 Number of farms, classified by size:							
9 Under 3 acres.....	70	49	1	1	1	1	1
10 3 to 9 acres.....	88	57	109	102	99	124	105
11 10 to 19 acres.....	213	156	158	249	130	100	131
12 20 to 49 acres.....	267	243	530	529	406	322	486
13 50 to 99 acres.....	173	293	770	446	926	430	519
14 100 to 174 acres.....	60	100	246	131	93	159	174
15 175 to 259 acres.....	20	153	138	67	50	121	127
16 260 to 499 acres.....	3	67	23	12	17	62	41
17 500 to 999 acres.....	1	20	3	5	4	47	2
18 1,000 acres and over.....							
LAND AND FARM AREA							
18 Approximate land area..... acres.....	84,480	578,560	416,000	215,040	382,080	663,040	280,020
19 Land in farms..... acres.....	73,556	233,871	295,280	185,747	130,134	289,080	240,958
20 Land in farms in 1900..... acres.....	<i>77,743</i>	<i>255,807</i>	<i>327,682</i>	<i>190,041</i>	<i>158,651</i>	<i>302,382</i>	<i>242,946</i>
21 Improved land in farms..... acres.....	49,917	23,087	164,845	110,069	65,228	114,696	151,080
22 Improved land in farms in 1900..... acres.....	<i>52,061</i>	<i>71,667</i>	<i>176,161</i>	<i>103,951</i>	<i>85,343</i>	<i>109,891</i>	<i>152,028</i>
23 Woodland in farms..... acres.....	10,062	112,165	117,561	68,404	65,237	150,009	74,300
24 Other unimproved land in farms..... acres.....	4,577	83,699	12,883	6,374	8,009	23,775	12,578
25 Per cent of land area in farms.....	87.1	40.4	71.0	86.4	36.4	43.0	83.1
26 Per cent of farm land improved.....	67.9	35.5	55.8	59.7	46.9	39.7	63.9
27 Average acres per farm.....	82.2	105.2	104.1	81.5	87.1	165.8	106.0
28 Average improved acres per farm.....	55.3	69.3	68.1	48.7	40.8	61.8	68.3
VALUE OF FARM PROPERTY							
29 All farm property..... dollars.....	2,267,555	4,006,580	8,412,497	4,807,916	5,400,334	7,445,836	6,474,818
30 All farm property in 1900..... dollars.....	<i>1,932,588</i>	<i>3,955,012</i>	<i>6,932,114</i>	<i>2,995,248</i>	<i>2,477,995</i>	<i>6,122,175</i>	<i>6,011,804</i>
31 Per cent increase, 1900-1910.....	17.9	48.9	40.6	62.5	117.0	45.4	29.2
32 Land..... dollars.....	1,394,726	3,108,197	4,018,937	2,902,582	3,777,026	4,067,808	4,122,046
33 Land in 1900..... dollars.....	<i>1,241,000</i>	<i>2,212,020</i>	<i>3,566,070</i>	<i>1,767,740</i>	<i>1,570,880</i>	<i>2,200,840</i>	<i>3,321,120</i>
34 Buildings..... dollars.....	599,880	878,090	1,857,813	1,000,516	997,104	1,207,550	1,230,378
35 Buildings in 1900..... dollars.....	<i>550,800</i>	<i>458,320</i>	<i>1,214,380</i>	<i>625,520</i>	<i>424,710</i>	<i>655,540</i>	<i>794,280</i>
36 Implements and machinery..... dollars.....	57,770	122,006	412,437	125,705	70,323	157,125	114,809
37 Implements, etc., in 1900..... dollars.....	<i>57,720</i>	<i>80,720</i>	<i>277,810</i>	<i>110,230</i>	<i>57,480</i>	<i>99,280</i>	<i>112,680</i>
38 Domestic animals, poultry, and bees..... dollars.....	314,073	890,687	1,223,310	830,113	645,681	1,023,353	1,027,495
39 Domestic animals, etc., in 1900..... dollars.....	<i>267,008</i>	<i>398,992</i>	<i>693,054</i>	<i>308,708</i>	<i>418,945</i>	<i>709,775</i>	<i>782,224</i>
40 Per cent of value of all property in—							
41 Land.....	61.5	62.2	58.5	60.6	70.0	66.7	63.8
42 Buildings.....	22.4	17.6	22.1	20.6	18.5	17.4	18.5
43 Implements and machinery.....	2.3	2.5	4.9	2.6	1.5	2.1	1.8
44 Domestic animals, poultry, and bees.....	13.9	17.7	14.5	17.2	10.1	13.7	15.9
45 Average values:							
46 All property per farm..... dollars.....	2,534	4,171	2,965	2,136	3,379	4,012	2,871
47 Land and buildings per farm..... dollars.....	2,125	3,327	2,389	1,713	2,988	3,376	2,305
48 Land per acre..... dollars.....	18.06	13.29	16.00	15.03	27.15	17.18	17.15
49 Land per acre in 1900..... dollars.....	<i>15.98</i>	<i>8.72</i>	<i>10.33</i>	<i>9.25</i>	<i>9.04</i>	<i>9.11</i>	<i>15.67</i>
DOMESTIC ANIMALS (farms and ranges)							
48 Farms reporting domestic animals.....	840	1,170	2,720	2,154	1,504	1,770	2,451
49 Value of domestic animals..... dollars.....	207,203	850,923	1,160,788	792,050	516,350	984,134	983,852
50 Cattle:							
51 Total number.....	4,851	13,208	15,304	10,217	8,834	17,200	17,339
52 Dairy cows.....	1,947	4,517	7,253	4,188	3,850	5,388	5,501
53 Other cows.....	523	1,045	1,347	884	2,020	2,039	2,270
54 Yearling heifers.....	596	1,584	1,903	1,197	1,333	1,851	2,376
55 Calves.....	510	1,554	1,887	1,015	901	1,027	1,536
56 Yearling steers and bulls.....	576	1,537	1,462	1,290	836	1,794	2,249
57 Other steers and bulls.....	693	2,071	1,402	1,043	685	4,501	3,344
58 Value..... dollars.....	105,148	346,948	375,135	247,369	196,352	481,152	424,484
59 Horses:							
60 Total number.....	1,019	2,536	5,680	3,745	1,848	3,428	4,528
61 Mature horses.....	1,470	2,522	5,145	3,350	1,697	3,060	4,004
62 Yearling colts.....	125	282	452	346	138	305	435
63 Spring colts.....	18	32	83	63	23	33	69
64 Value..... dollars.....	155,412	294,200	681,547	432,915	192,535	348,341	437,071
65 Mules:							
66 Total number.....	30	112	92	302	508	73	87
67 Mature mules.....	30	103	88	373	459	69	58
68 Yearling colts.....	0	9	2	19	40	4	17
69 Spring colts.....	0	0	2	0	9	0	12
70 Value..... dollars.....	3,075	11,955	8,005	52,880	58,509	8,134	7,234
71 Asses and burros:							
72 Number.....	1	5	5	2	1	1	1
73 Value..... dollars.....	25	35	35	700	300	300	150
74 Swine:							
75 Total number.....	2,272	5,408	8,800	5,436	8,073	5,487	4,999
76 Mature hogs.....	1,374	3,902	4,040	3,883	9,178	3,265	3,062
77 Spring pigs.....	898	1,506	4,250	1,553	2,222	2,222	1,997
78 Value..... dollars.....	18,704	30,166	60,337	43,834	32,928	36,860	30,151
79 Sheep:							
80 Total number.....	4,011	41,517	23,078	4,597	11,444	24,662	21,702
81 Rams, ewes, and wethers.....	2,706	28,523	14,102	2,811	7,094	16,637	12,350
82 Spring lambs.....	1,305	12,994	8,976	1,786	4,350	8,025	9,349
83 Value..... dollars.....	14,404	176,070	84,541	14,952	35,184	108,723	78,282
84 Goats:							
85 Number.....	118	170	181	23	23	130	190
86 Value..... dollars.....	435	672	368	80	142	615	480
POULTRY AND BEES							
87 Number of poultry of all kinds.....	25,968	30,783	97,281	82,570	48,020	54,384	72,904
88 Value..... dollars.....	13,950	18,131	48,904	41,002	20,785	29,079	34,660
89 Number of colonies of bees.....	845	2,063	3,762	2,348	2,597	2,263	2,341
90 Value..... dollars.....	2,860	8,633	13,558	6,061	8,840	10,140	8,944

# AGRICULTURE—WEST VIRGINIA.

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BY COUNTIES: APRIL 15, 1910—Continued.

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

	Roane.	Summers.	Taylor.	Tucker.	Tyler.	Upshur.	Wayne.	Webster.	Wetzel.	Wirt.	Wood.	Wyoming.
1	21,543	18,420	10,554	18,675	10,211	10,020	24,081	9,080	23,855	9,047	38,001	10,392
2	<i>19,858</i>	<i>16,208</i>	<i>14,078</i>	<i>13,459</i>	<i>13,268</i>	<i>14,600</i>	<i>23,019</i>	<i>8,868</i>	<i>22,890</i>	<i>10,284</i>	<i>34,452</i>	<i>8,580</i>
3	2,887	2,012	1,150	828	1,704	2,200	3,188	1,084	2,133	1,420	2,723	1,402
4	<i>2,828</i>	<i>1,838</i>	<i>1,120</i>	<i>768</i>	<i>1,011</i>	<i>2,078</i>	<i>3,189</i>	<i>1,068</i>	<i>1,068</i>	<i>1,628</i>	<i>2,767</i>	<i>1,202</i>
5	2,882	1,976	1,112	821	1,768	2,181	3,175	1,071	2,008	1,420	2,040	1,448
6	7	7	10	0	0	15	3	12	84	2	66	3
7	1	29	37	1	6	4	10	1	1	7	11	11
8	7	2	2	2	2	2	1	1	1	1	9	4
9	170	107	119	37	130	105	342	59	102	88	208	104
10	236	120	101	45	115	123	308	60	143	90	217	177
11	581	416	266	159	390	500	719	238	503	311	689	345
12	865	646	317	250	544	724	917	330	606	515	872	318
13	058	471	226	215	362	480	568	220	470	280	542	210
14	192	149	83	60	120	135	150	95	143	80	128	89
15	141	81	37	38	67	64	70	40	62	45	45	73
16	39	7	7	11	11	16	14	12	4	9	13	20
17	5	10	1	7	2	4	5	6	1	2	2	23
18	334,080	236,160	112,000	250,200	100,400	224,640	330,880	373,120	228,480	130,520	232,000	321,280
19	<i>287,882</i>	<i>102,420</i>	<i>97,745</i>	<i>93,314</i>	<i>187,032</i>	<i>103,028</i>	<i>240,753</i>	<i>100,043</i>	<i>100,407</i>	<i>124,154</i>	<i>205,406</i>	<i>158,018</i>
20	<i>284,262</i>	<i>189,800</i>	<i>108,764</i>	<i>93,630</i>	<i>160,414</i>	<i>103,812</i>	<i>301,002</i>	<i>116,789</i>	<i>107,284</i>	<i>123,285</i>	<i>208,088</i>	<i>194,150</i>
21	<i>193,807</i>	<i>84,884</i>	<i>77,290</i>	<i>40,003</i>	<i>114,092</i>	<i>124,543</i>	<i>120,808</i>	<i>38,882</i>	<i>122,280</i>	<i>70,870</i>	<i>138,017</i>	<i>41,080</i>
22	<i>168,074</i>	<i>78,617</i>	<i>78,885</i>	<i>55,402</i>	<i>110,733</i>	<i>125,827</i>	<i>185,241</i>	<i>50,647</i>	<i>118,538</i>	<i>72,188</i>	<i>148,702</i>	<i>58,810</i>
23	<i>82,762</i>	<i>90,892</i>	<i>18,076</i>	<i>42,463</i>	<i>32,472</i>	<i>93,450</i>	<i>108,801</i>	<i>60,651</i>	<i>62,814</i>	<i>46,800</i>	<i>50,501</i>	<i>115,004</i>
24	<i>11,013</i>	<i>8,144</i>	<i>1,473</i>	<i>10,758</i>	<i>10,408</i>	<i>5,020</i>	<i>2,527</i>	<i>1,010</i>	<i>5,884</i>	<i>1,468</i>	<i>10,888</i>	<i>1,020</i>
25	80.1	81.5	87.3	36.0	94.4	85.0	72.8	29.2	83.4	80.0	88.2	40.4
26	67.4	43.9	70.1	43.0	72.7	64.5	53.7	35.2	64.2	61.0	67.2	26.3
27	99.0	95.0	84.8	112.7	80.0	87.7	75.5	100.4	80.3	86.0	75.5	108.5
28	67.1	41.9	60.7	48.4	64.7	56.6	40.0	35.4	57.3	53.8	50.7	28.5
29	7,896,334	4,301,071	4,050,757	1,845,002	4,054,774	0,368,875	3,023,560	2,173,001	7,082,719	2,881,069	7,813,248	5,580,128
30	<i>4,360,807</i>	<i>2,830,288</i>	<i>2,003,013</i>	<i>1,124,730</i>	<i>3,711,832</i>	<i>3,064,448</i>	<i>2,820,058</i>	<i>1,108,051</i>	<i>6,401,464</i>	<i>2,001,467</i>	<i>6,280,103</i>	<i>1,803,775</i>
31	80.8	88.0	30.8	64.1	34.3	61.1	30.1	90.2	31.1	37.8	24.2	300.8
32	4,781,080	2,710,022	2,600,190	1,087,430	3,225,440	4,248,103	2,100,727	1,320,019	4,050,441	1,620,820	4,830,705	4,723,175
33	<i>2,706,030</i>	<i>1,875,450</i>	<i>1,045,410</i>	<i>692,870</i>	<i>2,871,710</i>	<i>2,060,870</i>	<i>1,008,840</i>	<i>640,850</i>	<i>3,730,470</i>	<i>1,208,880</i>	<i>4,214,800</i>	<i>601,100</i>
34	<i>1,490,862</i>	<i>805,042</i>	<i>863,735</i>	<i>354,085</i>	<i>963,240</i>	<i>1,143,102</i>	<i>788,004</i>	<i>445,735</i>	<i>1,810,452</i>	<i>642,572</i>	<i>1,700,203</i>	<i>457,535</i>
35	<i>697,060</i>	<i>466,460</i>	<i>472,210</i>	<i>182,810</i>	<i>767,480</i>	<i>652,800</i>	<i>617,680</i>	<i>107,170</i>	<i>800,410</i>	<i>377,720</i>	<i>1,106,540</i>	<i>227,830</i>
36	<i>170,080</i>	<i>118,460</i>	<i>62,733</i>	<i>71,450</i>	<i>106,117</i>	<i>131,768</i>	<i>68,101</i>	<i>38,131</i>	<i>100,580</i>	<i>62,000</i>	<i>100,560</i>	<i>28,893</i>
37	<i>107,830</i>	<i>60,680</i>	<i>64,820</i>	<i>28,070</i>	<i>101,870</i>	<i>83,820</i>	<i>67,470</i>	<i>25,180</i>	<i>111,510</i>	<i>69,080</i>	<i>171,580</i>	<i>28,050</i>
38	<i>1,452,803</i>	<i>990,938</i>	<i>513,160</i>	<i>331,651</i>	<i>980,050</i>	<i>845,784</i>	<i>304,070</i>	<i>643,240</i>	<i>620,001</i>	<i>520,001</i>	<i>1,019,021</i>	<i>370,525</i>
39	<i>355,337</i>	<i>491,728</i>	<i>423,433</i>	<i>221,830</i>	<i>480,772</i>	<i>602,053</i>	<i>630,028</i>	<i>230,471</i>	<i>700,074</i>	<i>367,787</i>	<i>706,333</i>	<i>237,305</i>
40	60.0	61.7	63.8	58.0	64.7	60.7	60.1	61.0	65.8	60.5	61.8	84.0
41	18.0	19.7	21.3	19.2	19.3	17.0	20.1	20.5	18.6	22.3	22.0	8.2
42	2.2	2.7	2.3	8.0	2.1	2.1	2.2	1.8	2.3	2.0	2.5	0.5
43	18.4	15.0	12.6	18.0	13.8	13.8	21.0	10.7	13.3	18.4	13.0	6.7
44	2,735	2,184	3,503	2,220	2,820	2,805	1,231	2,005	3,321	2,010	2,800	3,221
45	2,173	1,778	2,080	1,742	2,375	2,451	1,037	1,684	2,803	1,888	2,423	3,544
46	16.63	14.00	21.60	11.65	20.54	22.01	0.14	12.10	24.40	13.11	23.51	29.78
47	0.62	7.20	18.74	7.30	13.93	13.00	5.51	6.61	10.10	10.40	20.40	6.72
48	2,762	1,021	1,105	705	1,051	2,108	2,081	1,063	2,041	1,335	2,550	1,432
49	<i>1,378,070</i>	<i>600,137</i>	<i>480,061</i>	<i>317,427</i>	<i>655,017</i>	<i>813,808</i>	<i>708,435</i>	<i>346,504</i>	<i>880,078</i>	<i>497,060</i>	<i>945,300</i>	<i>355,527</i>
50	21,085	11,508	7,051	4,144	10,633	12,520	14,050	6,017	12,503	8,210	14,687	7,538
51	<i>7,237</i>	<i>5,231</i>	<i>3,264</i>	<i>2,086</i>	<i>3,000</i>	<i>4,886</i>	<i>5,531</i>	<i>2,502</i>	<i>4,806</i>	<i>3,234</i>	<i>7,018</i>	<i>3,066</i>
52	2,703	1,001	585	537	1,123	1,088	1,280	040	1,203	1,038	1,030	1,149
53	2,037	1,560	801	538	1,404	1,483	1,403	705	1,736	1,075	1,874	842
54	1,046	1,230	877	446	900	1,143	1,236	701	1,376	837	1,884	839
55	2,900	1,437	742	368	1,247	1,241	1,724	767	1,580	908	1,847	920
56	4,137	1,130	1,022	169	1,030	2,720	2,876	522	1,267	1,030	1,225	722
57	580,460	204,317	219,135	100,672	242,609	350,000	200,415	135,840	277,130	100,042	338,564	153,313
58	5,483	2,800	2,221	1,302	3,268	3,750	3,000	1,303	4,058	2,800	5,010	1,139
59	4,728	2,510	2,023	1,265	2,957	3,303	2,724	1,105	4,060	2,129	4,534	1,045
60	008	230	180	112	278	397	211	118	478	232	435	72
61	147	51	12	15	33	50	74	25	84	35	47	22
62	614,443	270,027	218,070	153,034	323,050	350,570	205,074	121,534	475,029	233,454	483,723	100,550
63	823	347	19	45	78	64	1,000	108	100	74	187	425
64	280	311	18	42	78	54	966	96	104	72	151	398
65	42	28	1	3	8	10	25	11	5	2	6	21
66	1	8	1	1	1	1	18	1	1	1	1	6
67	30,008	30,338	1,805	4,045	8,540	6,240	127,020	12,260	11,785	0,270	17,265	44,880
68	8	5	2	2	2	3	8	1	2	2	4	4
69	1,176	845	150	445	1,100	600	150	700	850	750	850	750
70	0,005	0,020	3,040	2,402	4,380	4,392	10,225	5,240	7,925	3,300	7,323	7,702
71	4,588	4,391	1,795	1,435	2,401	2,710	0,988	3,770	3,787	2,010	4,024	5,547
72	2,107	1,035	1,254	1,027	1,070	1,073	3,237	1,470	4,138	1,380	3,290	2,245
73	54,610	31,742	21,535	17,800	32,050	31,208	02,703	28,391	60,080	25,060	54,170	80,820
74	24,129	15,751	8,158	7,002	12,400	10,067	4,200	13,707	17,229	7,953	10,042	7,308
75	13,972	8,081	4,450	5,128	8,017	8,973	2,597	9,328	13,870	4,884	10,072	4,730
76	10,187	7,070	3,702	2,474	3,480	7,984	3,360	4,370	3,360	3,060	5,070	2,068
77	89,168	50,254	28,433	35,001	48,874	62,257	12,059	47,455	64,623	28,802	51,872	19,090
78	37	170	15	40	154	55	09	172	17	40	441	5
79	60	619	83	126	354	116	168	515	75	135	1,946	15
80	118,912	60,273	38,021	23,028	53,706	53,283	93,088	23,840	83,918	57,101	114,379	31,723
81	<i>50,824</i>	<i>20,101</i>	<i>20,260</i>	<i>10,768</i>	<i>28,544</i>	<i>28,012</i>	<i>38,078</i>	<i>9,820</i>	<i>42,741</i>	<i>24,405</i>	<i>61,417</i>	<i>13,915</i>
82	4,224	1,681	946	887	1,050	950	3,790	1,787	2,932	2,156	2,060	2,150
83	16,700	4,700	3,889	3,400	5,798	3,964	11,215	7,050	11,427	7,587	9,814	7,083

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

	THE STATE.			Barbour.	Berkeley.	Boone.	Braxton.	Brooke.	
	Total.	White.	Colored.						
<b>FARMS OPERATED BY OWNERS</b>									
1	Number of farms.....	75,978	75,420	558	1,783	846	671	2,316	307
2	Number of farms in 1900.....	<i>71,529</i>	<i>70,986</i>	<i>534</i>	<i>1,747</i>	<i>826</i>	<i>720</i>	<i>2,071</i>	<i>290</i>
3	Per cent of all farms.....	78.6	78.6	78.8	88.0	65.7	57.3	80.7	65.6
4	Per cent of all farms in 1900.....	<i>77.0</i>	<i>77.1</i>	<i>72.0</i>	<i>86.8</i>	<i>64.0</i>	<i>58.6</i>	<i>80.8</i>	<i>61.7</i>
5	Land in farms..... acres.....	8,184,195	8,158,238	25,957	173,044	88,030	66,693	234,644	32,552
6	Improved land in farms..... acres.....	4,600,103	4,591,581	14,522	117,255	62,787	22,243	131,435	22,987
7	Value of land and buildings..... dollars.....	207,994,468	207,256,207	738,261	5,081,508	3,314,222	1,415,430	5,042,194	1,858,475
<b>Degree of ownership:</b>									
8	Farms consisting of owned land only.....	68,318	67,831	497	1,642	810	590	2,051	291
9	Farms consisting of owned and hired land.....	7,060	7,590	71	141	36	81	205	26
<b>Color and nativity of owners:</b>									
10	Native white.....	74,674	74,674	.....	1,683	814	658	2,293	294
11	Foreign-born white.....	746	746	.....	13	5	.....	0	12
12	Negro and other nonwhite.....	558	.....	558	87	27	13	14	1
<b>FARMS OPERATED BY TENANTS</b>									
13	Number of farms.....	19,835	19,692	143	213	398	407	537	152
14	Number of farms in 1900.....	<i>20,291</i>	<i>20,001</i>	<i>200</i>	<i>221</i>	<i>435</i>	<i>508</i>	<i>432</i>	<i>172</i>
15	Per cent of all farms.....	20.5	20.5	20.2	10.5	30.0	42.4	18.7	32.5
16	Per cent of all farms in 1900.....	<i>21.8</i>	<i>21.8</i>	<i>26.9</i>	<i>11.0</i>	<i>34.8</i>	<i>41.4</i>	<i>18.8</i>	<i>35.8</i>
17	Land in farms..... acres.....	1,557,745	1,549,816	7,929	20,600	62,243	21,005	27,085	18,121
18	Improved land in farms..... acres.....	781,820	776,687	5,133	11,898	48,184	9,150	12,000	12,676
19	Value of land and buildings..... dollars.....	47,260,821	46,958,363	302,438	570,386	2,607,875	627,742	525,376	1,027,290
<b>Form of tenancy:</b>									
20	Share tenants.....	9,576	9,498	78	100	319	188	219	46
21	Share-cash tenants.....	923	921	2	11	1	7	34	4
22	Cash tenants.....	8,560	8,498	62	96	77	204	279	66
23	Tenure not specified.....	776	775	1	.....	1	8	5	36
<b>Color and nativity of tenants:</b>									
24	Native white.....	19,606	19,606	.....	207	392	492	532	139
25	Foreign-born white.....	86	86	.....	.....	.....	.....	.....	13
26	Negro and other nonwhite.....	143	.....	143	6	6	5	5	.....
<b>FARMS OPERATED BY MANAGERS</b>									
27	Number of farms.....	872	865	7	30	44	4	17	9
28	Number of farms in 1900.....	<i>1,064</i>	<i>1,046</i>	<i>8</i>	<i>45</i>	<i>11</i>	.....	<i>10</i>	<i>12</i>
29	Land in farms..... acres.....	284,502	283,847	655	6,876	8,943	262	3,452	1,790
30	Improved land in farms..... acres.....	133,834	133,232	602	5,400	5,943	150	1,609	1,314
31	Value of land and buildings..... dollars.....	9,135,665	9,099,970	35,695	320,085	390,368	8,050	80,230	165,155
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>									
<b>For all farms operated by owners:</b>									
32	Number free from mortgage debt.....	66,093	65,614	479	1,603	687	631	2,135	230
33	Number with mortgage debt.....	9,525	9,447	78	177	157	30	179	72
34	Number with no mortgage report.....	360	359	1	3	2	10	2	5
<b>For farms consisting of owned land only:</b>									
35	Number reporting debt and amount.....	7,878	7,811	67	152	144	25	144	54
36	Value of their land and buildings..... dollars.....	21,540,125	21,422,516	126,609	393,000	760,917	40,330	285,235	264,715
37	Amount of mortgage debt..... dollars.....	5,592,533	5,501,323	31,210	81,487	270,635	6,529	64,475	88,359
38	Per cent of value of land and buildings.....	26.0	26.0	24.7	20.7	35.6	13.2	22.6	33.4

<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

<b>LIVE STOCK PRODUCTS</b>									
<b>Dairy Products</b>									
1	Dairy cows on farms reporting dairy products..... number.....	228,569	.....	.....	4,846	3,602	2,134	6,770	1,886
2	Dairy cows on farms reporting milk produced..... number.....	225,157	.....	.....	4,797	3,460	2,131	6,763	1,634
3	Milk—Produced..... gallons.....	71,230,033	.....	.....	1,465,784	945,396	665,042	1,963,822	535,071
4	Sold..... gallons.....	4,060,741	.....	.....	23,566	.....	926	12,592	168,020
5	Cream sold..... gallons.....	104,606	.....	.....	.....	11,726	.....	757	6,727
6	Butter fat sold..... pounds.....	8,421	.....	.....	.....	.....	.....	.....	.....
7	Butter—Produced..... pounds.....	18,969,690	.....	.....	389,473	284,172	234,361	479,213	159,913
8	Sold..... pounds.....	7,077,664	.....	.....	173,123	176,540	13,996	110,386	101,820
9	Cheese—Produced..... pounds.....	70,473	.....	.....	401	.....	.....	340	.....
10	Sold..... pounds.....	55,863	.....	.....	60	600	.....	120	.....
11	Value of dairy products, excluding home use of milk and cream..... dollars.....	5,000,138	.....	.....	85,939	87,701	48,350	98,251	70,641
12	Receipts from sale of dairy products..... dollars.....	2,532,324	.....	.....	41,739	66,171	3,454	26,320	63,990
<b>Poultry Products</b>									
13	Poultry—Raised..... number.....	5,115,305	.....	.....	111,978	136,833	57,566	128,711	43,572
14	Sold..... number.....	2,009,220	.....	.....	46,216	40,595	13,114	55,947	19,301
15	Eggs—Produced..... dozens.....	18,074,410	.....	.....	350,519	378,055	141,883	369,314	121,177
16	Sold..... dozens.....	11,702,888	.....	.....	217,778	288,023	60,529	235,178	75,939
17	Value of poultry and eggs produced..... dollars.....	5,530,233	.....	.....	114,035	131,869	38,416	120,536	51,600
18	Receipts from sale of poultry and eggs..... dollars.....	3,210,798	.....	.....	64,628	78,234	13,047	72,578	29,107
<b>Honey and Wax</b>									
19	Honey produced..... pounds.....	1,550,739	.....	.....	22,133	49,958	39,375	65,582	7,075
20	Wax produced..... pounds.....	11,090	.....	.....	301	43	507	265	75
21	Value of honey and wax produced..... dollars.....	231,630	.....	.....	4,148	5,158	4,855	10,244	808
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn..... number.....	508,605	.....	.....	5,864	8,627	1,333	13,044	13,301
23	Mohair and goat hair, fleeces shorn..... number.....	3,248	.....	.....	46	4	.....	46	.....
24	Value of wool and mohair produced..... dollars.....	704,946	.....	.....	8,081	13,385	1,022	16,254	28,965
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves—Sold or slaughtered..... number.....	63,923	.....	.....	959	2,159	769	1,163	865
26	Other cattle—Sold or slaughtered..... number.....	276,456	.....	.....	9,287	2,481	1,715	6,788	669
27	Horses, mules, and asses and burros—Sold..... number.....	21,939	.....	.....	652	555	231	662	62
28	Swine—Sold or slaughtered..... number.....	328,351	.....	.....	7,667	9,906	8,844	7,367	2,374
29	Sheep and goats—Sold or slaughtered..... number.....	419,205	.....	.....	5,674	7,995	244	15,250	2,772
30	Receipts from sale of animals..... dollars.....	14,150,182	.....	.....	484,939	237,425	63,574	330,071	54,811
31	Value of animals slaughtered..... dollars.....	4,290,936	.....	.....	104,029	112,015	46,874	109,267	22,444

AGRICULTURE—WEST VIRGINIA.

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

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

	Cabell.	Calhoun.	Clay.	Doddridge.	Fayette.	Gilmer.	Grant.	Greenbrier.	Hampshire.	Hancock.	Hardy.	Harrison.
1	1,029	1,383	874	1,480	1,375	1,340	776	2,246	1,463	332	975	1,926
2	1,380	1,263	698	1,501	1,375	1,295	687	2,050	1,539	313	701	1,932
3	71.2	79.1	79.5	84.7	82.2	80.0	83.0	88.0	86.1	73.5	88.2	84.3
4	72.5	75.4	72.1	81.7	85.0	79.5	81.4	84.2	85.9	73.5	83.5	86.1
5	125,363	124,959	73,313	170,353	91,169	172,326	169,760	288,127	280,530	32,592	226,226	200,214
6	69,086	61,839	28,441	111,882	45,412	104,274	79,092	134,642	120,961	25,090	84,688	170,172
7	2,595,042	1,867,110	1,093,235	4,936,198	3,208,474	3,572,615	2,200,599	7,411,023	3,096,191	1,690,162	2,726,713	10,693,418
8	1,377	1,189	847	1,379	1,267	1,174	634	2,044	1,370	315	913	1,703
9	252	194	27	107	108	100	142	202	93	17	62	223
10	1,612	1,370	873	1,468	1,321	1,333	701	2,178	1,450	322	962	1,912
11	14	4	1	18	17	0	4	24	2	10	6	6
12	3	0	.....	.....	37	1	11	44	2	.....	7	8
13	658	358	224	251	205	315	104	271	150	113	124	301
14	514	599	264	327	193	463	108	339	268	112	152	240
15	28.7	20.5	20.4	14.3	17.6	18.0	11.2	10.6	10.6	26.0	11.2	13.2
16	27.0	25.8	27.5	17.8	14.6	20.2	12.1	13.8	16.0	22.2	16.7	10.5
17	23,872	20,129	9,599	18,020	17,254	19,595	20,099	27,569	31,026	11,489	20,483	32,689
18	14,964	9,480	3,478	11,335	8,297	10,492	6,748	12,483	12,885	7,871	8,787	27,015
19	663,247	270,011	127,270	491,135	565,985	309,117	228,075	740,370	336,000	528,995	408,835	1,766,998
20	478	204	46	88	28	105	45	107	117	39	80	60
21	16	13	8	10	4	23	8	11	8	2	10	28
22	159	138	151	163	239	97	50	111	55	98	33	181
23	5	3	10	.....	27	.....	1	42	.....	4	1	52
24	653	357	223	251	285	315	102	265	178	106	123	300
25	3	.....	1	.....	3	.....	2	1	1	1	1	.....
26	2	1	.....	.....	7	.....	.....	5	.....	.....	.....	1
27	2	8	1	18	2	8	48	34	56	7	7	59
28	9	12	4	9	9	8	55	43	9	9	7	139
29	277	3,949	181	9,553	1,719	1,838	18,350	14,802	20,615	2,211	2,160	14,932
30	240	1,035	30	5,023	23	956	9,828	5,233	7,450	1,510	1,045	12,693
31	6,335	52,510	2,000	228,195	26,400	40,350	264,710	422,225	483,370	160,057	29,760	817,728
32	1,352	1,215	805	1,298	1,260	1,102	569	2,019	1,180	228	793	1,650
33	252	167	65	187	105	177	205	225	271	98	180	244
34	25	1	4	1	4	1	2	2	3	6	2	32
35	199	139	60	166	95	141	164	189	231	89	159	201
36	244,722	164,841	81,758	384,904	224,200	433,469	484,057	547,188	584,377	427,960	821,610	1,015,706
37	68,401	47,626	16,878	87,910	53,339	88,550	107,605	127,490	150,056	143,615	235,578	207,590
38	28.0	28.9	20.6	22.8	23.8	20.4	22.2	23.3	27.2	33.6	28.7	20.4

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

1	3,493	3,646	2,093	4,374	3,472	4,600	2,542	7,047	3,640	1,397	2,630	6,523
2	3,473	3,640	2,080	4,363	3,454	4,598	2,514	7,021	3,631	1,360	2,628	6,209
3	1,272,344	1,147,553	608,133	1,849,579	1,112,247	1,243,080	531,164	1,370,427	854,715	509,262	566,635	2,072,088
4	194,186	570	4,910	16,844	18,030	982	470	43,680	13,037	159,762	2,405	205,493
5	1,892	10	.....	200	.....	3,930	.....	9,254	.....	2,160	.....	1,677
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	372,743	274,514	101,069	328,292	336,657	292,143	105,904	398,541	199,549	112,426	100,653	548,001
8	114,507	52,180	15,144	104,789	123,182	62,074	42,720	129,766	73,225	66,466	28,114	270,145
9	150	500	.....	.....	30	.....	50	360	.....	.....	760	110
10	150	500	.....	.....	.....	.....	42	.....	.....	.....	.....	25
11	123,793	49,824	45,322	69,969	83,237	50,841	20,236	98,022	46,973	71,540	18,446	185,210
12	70,064	9,725	4,360	24,093	33,275	12,877	8,643	42,065	18,785	60,960	5,566	118,394
13	106,280	62,140	38,381	72,966	84,217	80,450	57,720	156,806	92,315	30,432	65,026	156,857
14	37,947	23,782	11,086	21,813	30,482	28,080	36,458	79,120	43,622	13,980	34,705	47,241
15	400,150	277,061	103,244	311,495	253,445	280,499	128,619	487,480	390,342	93,280	295,075	460,352
16	285,118	201,965	99,410	178,995	121,400	179,091	84,676	302,037	275,438	53,094	218,428	243,887
17	112,104	68,163	31,242	87,319	80,582	74,861	52,930	153,514	117,134	36,726	79,953	174,302
18	65,791	43,609	19,981	42,732	35,021	42,745	38,691	99,630	77,278	19,718	50,819	80,900
19	25,093	32,123	22,755	27,285	29,974	44,280	11,777	20,863	20,222	882	6,316	23,027
20	95	154	103	32	216	178	220	202	794	5	107	27
21	4,256	4,762	2,966	5,539	4,890	7,257	1,562	2,870	2,311	143	894	4,636
22	1,259	2,740	1,829	10,490	3,728	8,440	13,176	21,733	9,623	6,010	12,293	12,430
23	24	4	4	20	14	15	20	30	107	.....	24	60
24	1,607	3,986	2,024	14,209	4,541	11,102	19,830	20,302	14,219	11,843	16,070	16,398
25	1,297	537	630	808	1,040	510	354	1,124	858	854	505	1,757
26	2,971	3,358	1,806	5,989	2,555	7,274	4,655	13,899	3,696	747	4,919	11,125
27	368	389	267	357	357	384	280	584	252	98	311	767
28	4,013	3,914	3,161	5,210	5,292	5,292	5,758	10,771	6,615	2,938	6,969	8,921
29	611	1,730	717	8,115	2,541	6,515	15,184	24,053	8,724	2,893	12,052	9,890
30	114,928	145,451	78,125	265,732	101,671	309,704	301,807	801,196	190,547	48,081	309,148	744,268
31	53,798	54,748	39,192	72,117	75,647	73,050	50,490	102,170	90,112	27,854	72,409	129,597

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

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

	Jackson.	Jefferson.	Kanawha.	Lewis.	Lincoln.	Logan.	McDowell.	
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms	2,634	458	2,609	1,487	1,848	569	373
2	Number of farms in 1900	<i>2,466</i>	<i>435</i>	<i>2,143</i>	<i>1,691</i>	<i>1,580</i>	<i>498</i>	<i>413</i>
3	Per cent of all farms	83.8	54.8	70.1	81.9	62.9	51.3	42.4
4	Per cent of all farms in 1900	<i>79.7</i>	<i>55.4</i>	<i>71.2</i>	<i>82.2</i>	<i>64.0</i>	<i>52.3</i>	<i>52.0</i>
5	Land in farms	255,153	53,048	196,053	209,860	155,634	57,584	32,068
6	Improved land in farms	183,990	47,027	111,425	159,700	70,057	15,753	8,550
7	Value of land and buildings	\$5,414,784	4,126,524	5,478,916	7,557,631	2,502,300	1,950,325	704,974
<b>Degree of ownership:</b>								
8	Farms consisting of owned land only	2,279	424	2,371	1,300	1,653	508	359
9	Farms consisting of owned and hired land	355	34	208	187	195	61	14
<b>Color and nativity of owners:</b>								
10	Native white	2,622	427	2,599	1,455	1,840	567	368
11	Foreign-born white	11	1	29	31	1	2	2
12	Negro and other nonwhite	1	30	41	1	1	2	3
<b>FARMS OPERATED BY TENANTS</b>								
13	Number of farms	501	365	1,115	309	1,082	541	506
14	Number of farms in 1900	<i>606</i>	<i>384</i>	<i>834</i>	<i>286</i>	<i>842</i>	<i>445</i>	<i>301</i>
15	Per cent of all farms	15.9	43.7	29.3	17.0	36.9	48.7	57.5
16	Per cent of all farms in 1900	<i>10.0</i>	<i>42.5</i>	<i>27.7</i>	<i>12.2</i>	<i>34.9</i>	<i>47.3</i>	<i>46.3</i>
17	Land in farms	26,805	65,569	48,549	27,780	35,002	41,837	96,691
18	Improved land in farms	18,894	55,258	22,764	18,521	18,126	8,282	8,905
19	Value of land and buildings	\$32,512	4,233,811	1,722,979	933,049	609,087	1,507,397	3,057,832
<b>Form of tenancy:</b>								
20	Share tenants	334	300	406	30	727	304	40
21	Share-cash tenants	20	6	40	35	30	82	2
22	Cash tenants	134	58	617	209	312	154	454
23	Tenure not specified	7	1	52	35	13	1	10
<b>Color and nativity of tenants:</b>								
24	Native white	501	353	1,094	309	1,081	637	500
25	Foreign-born white	1	1	6	1	1	1	1
26	Negro and other nonwhite	1	11	15	1	1	3	5
<b>FARMS OPERATED BY MANAGERS</b>								
27	Number of farms	19	13	23	19	6	3	1
28	Number of farms in 1900	<i>22</i>	<i>10</i>	<i>32</i>	<i>109</i>	<i>13</i>	<i>3</i>	<i>0</i>
29	Land in farms	2,788	2,109	6,900	5,513	1,100	1,080	25
30	Improved land in farms	1,724	1,879	1,684	3,600	940	1,080	15
31	Value of land and buildings	\$6,310	136,600	491,435	200,460	37,500	200	200
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>								
<b>For all farms operated by owners:</b>								
32	Number free from mortgage debt	2,057	299	2,435	1,305	1,054	549	360
33	Number with mortgage debt	576	163	222	175	176	16	7
34	Number with no mortgage report	1	1	12	7	18	4	0
<b>For farms consisting of owned land only:</b>								
35	Number reporting debt and amount	463	135	187	136	141	11	6
36	Value of their land and buildings	\$46,744	1,203,925	307,877	632,545	152,800	10,080	13,000
37	Amount of mortgage debt	193,542	332,747	69,796	151,065	38,082	4,570	8,610
38	Per cent of value of land and buildings	22.9	27.6	19.7	23.9	24.9	24.0	27.3

<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	7,268	3,214	7,321	5,613	4,103	1,708	1,037
2	Dairy cows on farms reporting milk produced	7,259	3,125	7,106	5,571	4,062	1,705	1,589
3	Milk—Produced	2,246,601	820,751	2,538,495	1,583,705	1,343,874	467,443	414,075
4	Sold	18,696	21,139	184,059	45,085	5,834	14,982	17,631
5	Cream sold	135	4,405	6,169	1,701	1,701	1,701	1,701
6	Butter fat sold	584,938	226,010	828,235	355,236	460,033	140,776	121,057
7	Butter—Produced	170,008	134,202	279,532	120,484	33,122	0,263	15,187
8	Sold	250	20	692	187	187	187	187
9	Cheese—Produced	264,323	104,873	225,779	112,783	99,520	27,255	28,197
10	Sold	200,210	60,378	117,527	60,435	51,683	10,717	10,015
11	Value of dairy products, excluding home use of milk and cream	\$114,639	\$52,826	\$247,818	\$70,075	\$98,761	\$30,055	\$39,831
12	Receipts from sale of dairy products	86,007	34,324	118,622	35,595	8,070	4,768	7,593
<b>Poultry Products</b>								
13	Poultry—Raised	108,413	105,249	212,280	117,252	122,085	52,218	37,027
14	Sold	77,888	26,977	82,143	30,871	36,820	17,351	13,034
15	Eggs—Produced	967,324	310,130	714,249	324,885	444,809	81,238	54,312
16	Sold	812,317	227,225	433,826	170,603	272,427	34,585	18,201
17	Value of poultry and eggs produced	\$264,323	\$104,873	\$225,779	\$112,783	\$99,520	\$27,255	\$28,197
18	Receipts from sale of poultry and eggs	200,210	60,378	117,527	60,435	51,683	10,717	10,015
<b>Honey and Wax</b>								
19	Honey produced	61,614	12,988	47,500	30,824	31,064	36,133	25,704
20	Wax produced	82	5	229	50	205	196	87
21	Value of honey and wax produced	\$7,432	\$1,523	\$6,970	\$6,045	\$4,530	\$4,228	\$4,306
<b>Wool, Mohair, and Goat Hair</b>								
22	Wool, fleeces shorn	13,549	13,048	2,109	17,665	1,930	1,124	1,900
23	Mohair and goat hair, fleeces shorn	33	308	144	144	144	144	144
24	Value of wool and mohair produced	\$22,185	\$20,211	\$2,862	\$23,183	\$1,580	\$747	\$1,854
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25	Cattle—Sold or slaughtered	1,168	1,042	2,267	787	1,225	607	607
26	Other cattle—Sold or slaughtered	9,871	2,083	5,494	13,070	2,363	1,461	775
27	Horses, mules, and asses and burros—Sold	926	775	528	500	610	81	183
28	Pigs—Sold or slaughtered	9,303	12,588	8,397	6,473	5,523	2,893	1,883
29	Sheep and goats—Sold or slaughtered	9,097	0,930	1,766	20,102	1,225	218	624
30	Receipts from sale of animals	\$478,902	\$16,263	\$235,325	\$676,380	\$120,675	\$43,346	\$40,224
31	Value of animals slaughtered	116,469	79,982	117,840	82,910	88,120	34,910	23,493

AGRICULTURE—WEST VIRGINIA.

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

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

	Marion.	Marshall.	Mason.	Mercer.	Mineral.	Mingo.	Monongalia.	Monroe.	Morgan.	Nicholas.	Ohio.	Pendleton.
1	2,016	1,357	2,194	1,561	621	549	1,827	1,627	752	1,407	531	1,163
2	<i>2,181</i>	<i>1,535</i>	<i>1,888</i>	<i>1,441</i>	<i>648</i>	<i>538</i>	<i>1,945</i>	<i>1,474</i>	<i>577</i>	<i>1,457</i>	<i>508</i>	<i>1,073</i>
3	86.4	69.3	81.4	79.8	85.3	51.8	87.5	84.8	80.8	84.3	75.2	88.4
4	<i>86.5</i>	<i>68.0</i>	<i>74.0</i>	<i>73.0</i>	<i>78.8</i>	<i>56.8</i>	<i>80.1</i>	<i>82.8</i>	<i>85.0</i>	<i>82.5</i>	<i>63.3</i>	<i>88.8</i>
5	152,694	135,794	212,471	103,975	132,856	60,352	105,114	206,580	91,700	137,436	43,522	280,751
6	110,387	99,230	149,569	79,879	58,498	14,800	120,590	108,915	40,791	69,072	35,295	80,023
7	7,074,463	6,311,704	4,305,326	3,702,941	1,940,422	1,182,170	9,100,745	5,743,393	1,309,457	2,847,496	3,753,024	3,439,340
8	1,791	1,123	1,871	1,375	588	534	1,554	1,371	675	1,334	491	1,097
9	225	234	328	186	33	15	250	250	77	73	70	71
10	1,095	1,305	2,169	1,535	605	548	1,814	1,579	740	1,300	475	1,158
11	20	51	21	8	11	11	10	2	2	9	55	2
12	1	1	4	18	5	1	3	46	10	2	1	8
13	287	539	493	376	62	508	244	267	97	262	104	138
14	<i>295</i>	<i>622</i>	<i>618</i>	<i>525</i>	<i>142</i>	<i>417</i>	<i>279</i>	<i>300</i>	<i>108</i>	<i>297</i>	<i>288</i>	<i>185</i>
15	12.3	30.1	17.9	10.2	12.6	48.0	11.7	13.9	11.2	15.7	23.2	10.4
16	<i>11.7</i>	<i>31.7</i>	<i>23.2</i>	<i>20.5</i>	<i>20.5</i>	<i>45.0</i>	<i>15.4</i>	<i>10.7</i>	<i>16.5</i>	<i>16.8</i>	<i>35.0</i>	<i>10.3</i>
17	17,287	52,527	35,243	18,622	16,070	33,182	19,590	18,540	12,990	10,843	13,951	21,025
18	12,815	36,935	24,401	8,270	6,850	8,251	15,040	10,560	5,143	7,573	10,287	6,042
19	978,515	2,455,669	972,301	398,616	300,909	636,655	1,133,155	493,992	192,215	442,966	1,124,570	274,327
20	92	277	308	190	36	157	87	170	61	65	50	60
21	30	53	18	19	1	43	23	29	3	3	16	7
22	140	242	82	103	55	304	127	68	31	180	96	54
23	25	17	16	4	.....	4	7	.....	2	8	2	8
24	285	578	482	360	89	508	244	255	97	262	155	138
25	2	10	1	1	.....	.....	.....	.....	.....	.....	8	.....
26	.....	1	.....	0	3	.....	.....	12	.....	.....	1	.....
27	30	11	18	19	15	2	10	24	17	1	11	15
28	<i>45</i>	<i>6</i>	<i>59</i>	<i>11</i>	<i>9</i>	<i>2</i>	<i>35</i>	<i>20</i>	<i>10</i>	<i>15</i>	<i>7</i>	<i>10</i>
29	3,548	1,400	6,496	2,511	7,099	193	3,143	16,216	3,269	91	2,035	10,118
30	2,618	964	5,001	1,644	2,995	43	2,521	6,442	1,709	75	1,517	1,481
31	248,379	159,000	216,589	47,330	213,500	10,100	154,995	385,850	110,750	1,200	297,011	116,600
32	1,792	1,084	1,650	1,388	491	530	1,638	1,453	628	1,314	357	1,102
33	207	267	519	160	130	19	186	173	120	63	100	62
34	17	6	19	7	.....	6	3	1	4	.....	8	4
35	192	210	389	133	108	10	140	142	99	89	138	57
36	580,987	875,726	685,377	310,440	355,488	13,025	525,925	533,550	198,985	184,270	867,294	190,905
37	141,217	293,995	181,575	68,840	116,374	3,291	139,220	109,789	52,811	31,792	289,641	40,895
38	24.1	30.1	26.5	22.2	32.7	25.3	24.8	20.6	27.3	17.2	33.1	25.4

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

1	6,000	6,307	5,034	4,371	2,405	1,590	5,199	5,383	1,435	4,331	3,418	4,330
2	0,040	6,205	5,213	4,189	2,402	1,596	5,093	5,376	1,348	4,283	3,370	4,307
3	2,433,074	2,433,928	1,478,383	1,204,225	714,690	611,565	1,848,972	1,054,487	349,691	1,020,740	1,416,691	500,806
4	304,110	387,540	62,472	66,991	113,361	7,855	126,154	8,815	11,073	4,218	600,501	895
5	720	5,130	8,117	122	2,561	.....	970	674	.....	.....	10,455	.....
6	650	690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	631,429	652,224	447,052	421,634	137,880	109,714	526,353	413,448	81,501	281,589	257,008	132,284
8	344,585	425,360	163,645	135,068	72,043	10,697	286,500	152,127	41,172	89,876	182,645	31,692
9	3,773	3,611	249	100	288	.....	.....	3,330	2,410	1,242	2,283	.....
10	3,375	3,419	239	48	288	.....	.....	2,238	250	661	2,283	.....
11	229,990	244,672	101,227	102,909	61,817	37,427	157,359	83,729	18,758	52,153	211,772	24,041
12	159,812	190,780	49,681	43,977	45,548	3,537	103,587	31,028	10,583	16,214	192,303	5,785
13	128,322	117,954	153,894	80,775	42,532	44,683	120,191	131,359	39,957	80,239	59,332	85,865
14	40,204	54,247	56,715	35,240	16,023	9,598	45,203	67,171	30,672	30,672	24,710	50,677
15	430,305	495,642	621,754	236,923	139,706	71,398	376,054	370,517	136,932	222,963	174,119	183,757
16	262,242	333,192	471,704	120,680	75,339	19,905	222,253	250,772	92,438	118,453	109,510	105,981
17	148,055	154,863	181,286	76,387	46,247	31,112	136,616	132,459	42,652	62,667	69,824	75,987
18	77,202	94,539	116,193	38,904	23,070	7,931	70,973	92,288	25,583	31,544	39,257	47,012
19	29,514	28,999	30,992	17,292	13,614	31,501	28,059	17,285	5,648	47,310	1,045	5,319
20	100	113	174	136	136	204	155	346	82	244	20	280
21	5,478	4,052	4,001	2,019	1,922	3,909	4,953	2,519	648	6,495	130	739
22	8,239	39,190	8,154	8,751	5,164	1,145	19,962	16,661	555	10,536	13,338	26,253
23	120	.....	13	101	465	.....	43	45	25	60	3	12
24	12,376	85,707	11,929	10,223	8,630	891	32,593	21,513	829	11,722	20,322	34,140
25	2,541	2,807	2,671	1,668	872	512	2,535	727	322	672	1,679	180
26	4,639	3,847	7,730	6,080	2,520	1,831	8,180	9,487	690	4,669	1,368	7,889
27	597	565	710	483	100	270	389	524	92	826	105	344
28	7,288	14,889	8,894	5,615	3,380	2,567	7,177	9,054	2,876	5,947	3,281	6,491
29	13,046	10,369	7,783	13,728	2,920	458	17,207	31,416	871	7,604	3,584	21,170
30	255,815	397,828	398,310	271,674	123,049	67,390	434,807	584,922	27,392	188,579	121,029	418,285
31	126,782	112,265	104,082	90,745	32,967	30,377	130,789	115,046	40,643	46,032	20,343	75,832



AGRICULTURE—WEST VIRGINIA.

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

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

	Pleasants.	Pocahontas.	Preston.	Putnam.	Raleigh.	Randolph.	Ritchie.
<b>FARMS OPERATED BY OWNERS</b>							
1	Number of farms.....	681	1,059	2,561	1,662	1,522	1,844
2	Number of farms in 1900.....	<i>716</i>	<i>900</i>	<i>2,527</i>	<i>1,451</i>	<i>1,271</i>	<i>1,444</i>
3	Per cent of all farms.....	76.1	88.4	90.3	72.0	82.0	81.8
4	Per cent of all farms in 1900.....	<i>74.0</i>	<i>85.6</i>	<i>85.7</i>	<i>67.4</i>	<i>72.8</i>	<i>83.6</i>
5	Land in farms.....acres.....	56,595	190,709	262,156	150,700	109,040	205,684
6	Improved land in farms.....acres.....	39,918	68,479	149,405	92,958	53,277	80,803
7	Value of land and buildings.....dollars.....	1,449,231	3,376,133	6,089,594	2,979,146	3,740,690	4,576,983
8	Degree of ownership:						
9	Farms consisting of owned land only.....	593	1,034	2,459	1,432	1,200	1,440
10	Farms consisting of owned and hired land.....	88	25	102	230	56	73
11	Color and nativity of owners:						
12	Native white.....	672	1,035	2,506	1,646	1,247	1,442
13	Foreign-born white.....	9	7	50	10	2	77
14	Negro and other nonwhite.....		17	5	6	7	3
<b>FARMS OPERATED BY TENANTS</b>							
15	Number of farms.....	204	105	263	612	335	299
16	Number of farms in 1900.....	<i>242</i>	<i>142</i>	<i>406</i>	<i>701</i>	<i>472</i>	<i>509</i>
17	Per cent of all farms.....	22.8	8.8	9.3	26.9	21.0	16.7
18	Per cent of all farms in 1900.....	<i>25.0</i>	<i>13.5</i>	<i>13.7</i>	<i>32.5</i>	<i>27.0</i>	<i>17.4</i>
19	Land in farms.....acres.....	13,192	27,402	20,532	30,000	29,558	55,434
20	Improved land in farms.....acres.....	8,594	9,717	13,783	16,963	11,601	20,433
21	Value of land and buildings.....dollars.....	365,930	413,864	581,508	637,752	1,020,300	885,175
22	Form of tenancy:						
23	Share tenants.....	135	31	127	422	63	105
24	Share-cash tenants.....	3	3	9	20	0	7
25	Cash tenants.....	64	49	75	155	210	103
26	Tenure not specified.....	2	23	52	15	50	24
27	Color and nativity of tenants:						
28	Native white.....	203	101	257	609	332	290
29	Foreign-born white.....			6			0
30	Negro and other nonwhite.....	1	5		3	3	3
<b>FARMS OPERATED BY MANAGERS</b>							
31	Number of farms.....	10	33	13	5	7	35
32	Number of farms in 1900.....	<i>10</i>	<i>0</i>	<i>10</i>	<i>2</i>	<i>2</i>	<i>34</i>
33	Land in farms.....acres.....	3,769	15,070	3,601	5,041	530	31,455
34	Improved land in farms.....acres.....	1,405	4,871	1,657	1,048	350	13,400
35	Value of land and buildings.....dollars.....	90,445	196,300	105,648	280,200	14,040	804,200
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>							
36	For all farms operated by owners:						
37	Number free from mortgage debt.....	560	951	2,185	1,361	1,180	1,405
38	Number with mortgage debt.....	121	107	368	280	60	107
39	Number with no mortgage report.....		1	8	15	16	10
40	For farms consisting of owned land only:						
41	Number reporting debt and amount.....	103	99	323	232	53	80
42	Value of their land and buildings.....dollars.....	191,720	305,705	775,609	304,832	116,440	241,000
43	Amount of mortgage debt.....dollars.....	48,572	80,728	235,433	88,579	22,137	54,093
44	Per cent of value of land and buildings.....	25.3	26.4	30.4	29.1	19.0	22.4

<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.....	1,917	4,348	7,055	3,927	3,770	5,184	5,465
2	Dairy cows on farms reporting milk produced.....	number.....	1,917	4,272	6,987	3,894	3,767	5,150	5,462
3	Milk—Produced.....	gallons.....	626,068	847,098	2,523,248	1,247,201	1,107,063	1,010,487	1,808,324
4	Sold.....	gallons.....	10,533	5,117	28,290	41,050	24,584	98,061	5,477
5	Cream sold.....	gallons.....		31	1,034	3,197		1,410	
6	Butter fat sold.....	pounds.....				7,081			
7	Butter—Produced.....	pounds.....	223,681	183,908	689,065	348,251	329,260	347,641	434,313
8	Sold.....	pounds.....	92,618	47,788	364,803	90,280	93,254	130,383	155,988
9	Cheese—Produced.....	pounds.....		777	134	109		7,518	
10	Sold.....	pounds.....		40	25			4,463	
11	Value of dairy products, excluding home use of milk and cream.....dollars.....		48,633	40,512	155,900	83,778	80,039	108,352	84,232
12	Receipts from sale of dairy products.....dollars.....		21,480	12,184	87,044	31,212	27,474	57,300	31,662
<b>Poultry Products</b>									
13	Poultry—Raised.....	number.....	43,235	61,791	130,906	108,097	109,052	86,713	95,691
14	Sold.....	number.....	15,849	21,631	62,884	40,384	39,208	29,600	28,782
15	Eggs—Produced.....	dozens.....	158,498	100,510	641,652	547,618	227,871	293,338	480,484
16	Sold.....	dozens.....	105,802	63,993	413,685	404,455	192,712	146,136	317,453
17	Value of poultry and eggs produced.....dollars.....		49,458	67,102	185,297	133,123	89,748	100,191	122,134
18	Receipts from sale of poultry and eggs.....dollars.....		28,005	25,871	113,609	80,758	37,419	45,707	68,194
<b>Honey and Wax</b>									
19	Honey produced.....	pounds.....	11,480	30,744	48,083	23,217	50,370	32,129	38,076
20	Wax produced.....	pounds.....	5	331	676	103	306	200	167
21	Value of honey and wax produced.....dollars.....		2,034	4,581	6,706	3,647	6,992	5,439	5,790
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn.....	number.....	2,300	27,059	13,445	2,507	6,358	13,180	10,409
23	Mohair and goat hair, fleeces shorn.....	number.....	10	50	60	30	1	82	40
24	Value of wool and mohair produced.....dollars.....		3,817	84,509	20,324	3,522	6,710	10,080	14,303
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves—Sold or slaughtered.....	number.....	760	434	2,911	1,101	1,258		983
26	Other cattle—Sold or slaughtered.....	number.....	1,711	6,810	6,136	3,884	3,778	7,871	10,121
27	Horses, mules, and asses and burros—Sold.....	number.....	225	236	808	406	244	343	563
28	Pigs—Sold or slaughtered.....	number.....	2,074	5,259	10,615	5,383	5,106	4,043	6,174
29	Sheep and goats—Sold or slaughtered.....	number.....	1,039	26,030	13,537	2,300	3,356	8,074	13,975
30	Receipts from sale of animals.....dollars.....		78,574	340,359	350,380	179,068	117,620	332,618	457,498
31	Value of animals slaughtered.....dollars.....		38,800	94,679	168,631	76,885	61,935	109,136	91,352

AGRICULTURE—WEST VIRGINIA.

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

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

	Roane.	Summers.	Taylor.	Tucker.	Tyler.	Upshur.	Wayne.	Webster.	Wetzel.	Wirt.	Wood.	Wyoming.
1	2,354	1,079	1,026	745	1,433	2,034	2,314	804	1,550	1,143	2,103	761
2	<i>2,303</i>	<i>1,449</i>	<i>982</i>	<i>630</i>	<i>1,350</i>	<i>1,912</i>	<i>2,040</i>	<i>820</i>	<i>1,620</i>	<i>1,147</i>	<i>2,131</i>	<i>836</i>
3	81.5	83.4	88.5	90.0	81.2	92.5	72.0	79.7	72.0	80.0	77.4	82.1
4	<i>81.5</i>	<i>78.8</i>	<i>87.7</i>	<i>82.8</i>	<i>84.4</i>	<i>82.0</i>	<i>84.0</i>	<i>78.1</i>	<i>60.0</i>	<i>75.1</i>	<i>78.8</i>	<i>60.6</i>
5	262,205	172,799	85,757	80,258	133,270	177,404	211,412	86,200	148,143	99,357	162,380	88,078
6	170,800	75,825	68,803	35,050	97,769	110,211	112,828	32,760	97,207	64,710	110,281	27,588
7	5,551,035	3,078,551	3,020,200	1,250,140	3,500,098	4,981,584	2,550,401	1,308,086	4,758,028	1,877,431	5,034,003	2,870,020
8	2,133	1,500	867	724	1,207	1,928	2,139	845	1,316	1,001	1,898	712
9	221	179	150	21	166	106	175	10	240	142	210	40
10	2,350	1,045	984	738	1,428	2,017	2,308	854	1,522	1,134	2,037	750
11	3	7	10	6	6	13	3	0	34	2	62	2
12	1	27	32	1	1	4	3	1	1	7	0	0
13	523	326	123	78	308	155	860	210	571	271	502	688
14	<i>507</i>	<i>379</i>	<i>120</i>	<i>84</i>	<i>229</i>	<i>149</i>	<i>1,141</i>	<i>216</i>	<i>700</i>	<i>374</i>	<i>575</i>	<i>863</i>
15	18.1	16.2	10.6	0.4	17.5	7.0	27.3	20.2	20.8	19.0	21.7	47.1
16	<i>17.0</i>	<i>20.6</i>	<i>11.3</i>	<i>12.2</i>	<i>14.2</i>	<i>7.2</i>	<i>35.8</i>	<i>20.4</i>	<i>30.0</i>	<i>24.5</i>	<i>20.8</i>	<i>30.2</i>
17	23,900	19,076	10,560	9,711	20,202	12,771	28,080	22,800	41,780	21,805	40,559	67,046
18	15,856	8,203	7,157	3,843	13,746	7,043	10,217	5,670	24,603	10,775	26,208	13,080
19	478,377	342,303	333,215	132,525	510,080	362,211	421,130	302,768	1,174,725	327,610	1,450,355	2,175,700
20	330	157	31	33	168	33	615	47	316	147	355	109
21	40	11	18	2	15	8	23	1	33	0	14	2
22	143	119	64	38	125	95	220	80	190	114	222	477
23	1	30	10	5	5	10	11	85	26	1	1	10
24	522	324	118	78	307	154	862	210	570	271	586	677
25	1	2	5	1	1	1	7	3	1	2	4	11
26	1	2	5	1	1	1	7	3	1	2	4	11
27	10	7	10	5	23	11	5	1	6	15	23	13
28	<i>16</i>	<i>10</i>	<i>12</i>	<i>23</i>	<i>23</i>	<i>17</i>	<i>8</i>	<i>16</i>	<i>2</i>	<i>7</i>	<i>11</i>	<i>5</i>
29	1,477	545	1,428	3,345	3,560	2,763	655	43	574	2,882	2,521	3,469
30	1,055	350	1,276	600	2,677	389	320	43	489	1,376	1,528	1,012
31	243,430	155,620	91,450	50,760	87,020	47,500	10,200	100,000	46,140	64,360	103,700	134,990
32	2,068	1,548	804	641	1,325	1,752	2,112	790	1,330	938	1,800	704
33	281	124	125	101	168	282	183	72	204	205	302	41
34	5	7	7	3	2	2	19	2	13	6	6	16
35	250	113	68	61	81	260	142	64	103	173	252	37
36	920,155	191,512	216,494	111,875	191,804	435,562	149,626	111,514	487,344	293,880	582,085	173,665
37	148,911	48,519	50,196	31,215	49,021	94,726	41,020	31,535	138,402	68,784	172,713	18,490
38	24.0	25.3	23.2	27.0	26.9	21.7	27.4	28.3	28.4	23.4	20.0	10.0

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

1	7,106	4,908	3,153	1,830	3,864	4,717	5,109	2,050	5,174	3,102	6,872	2,976
2	7,103	4,082	3,124	1,239	3,841	4,703	5,090	2,041	5,106	3,092	6,830	2,971
3	2,128,818	1,303,073	969,200	421,363	1,604,820	1,412,610	1,885,463	624,320	1,959,168	1,110,890	2,534,074	882,802
4	13,455	73,105	60,515	5,471	81,887	24,489	35,175	7,880	68,406	7,797	301,803	4,342
5		68			2	5,500			62		12,919	
6												
7	584,848	401,810	256,002	132,230	466,458	348,941	546,480	130,255	503,361	323,785	735,514	205,000
8	70,320	172,158	143,700	58,668	233,720	110,351	107,072	24,793	237,983	89,628	474,330	27,692
9	880					2,012		605	35,851			
10						1,098		30	34,000			
11	117,086	90,780	85,589	30,409	114,854	70,755	115,350	31,170	122,600	63,740	239,545	65,709
12	17,367	47,646	59,626	14,094	66,524	32,590	28,227	6,894	68,084	19,011	187,617	6,895
13	137,007	108,073	68,128	31,905	82,252	90,414	120,579	39,509	105,488	64,254	159,322	72,764
14	47,201	58,394	25,261	15,264	32,836	38,420	41,550	10,840	44,532	27,611	74,283	23,708
15	738,740	304,663	205,534	128,000	371,406	261,747	459,002	85,407	495,148	395,198	801,310	108,573
16	552,800	198,184	120,602	74,843	247,348	144,307	357,662	32,298	334,387	301,707	597,244	30,863
17	191,500	90,799	69,450	38,490	105,954	80,262	128,200	28,692	134,458	94,850	232,522	48,326
18	124,210	58,248	35,733	21,310	63,224	46,711	78,570	10,074	82,304	66,390	155,972	15,466
19	65,238	10,019	12,830	14,845	24,548	15,301	47,137	23,957	41,401	31,879	36,324	31,427
20	750	126	47	62	35	165	184	438	90	98	60	381
21	10,107	2,552	2,879	1,032	4,266	2,777	6,040	4,530	6,507	4,468	5,348	4,231
22	10,047	7,800	3,882	4,138	6,844	7,044	1,750	6,075	12,330	4,084	8,491	4,047
23	11	122	43		155	45	10	75	2	415	221	
24	14,783	9,816	5,010	6,900	12,694	10,000	1,800	8,288	23,635	6,662	13,693	3,957
25	780	1,135	885	558	1,451	921	2,078	400	1,778	698	2,437	1,404
26	11,088	4,207	3,591	1,243	6,312	5,957	6,832	1,190	3,635	4,214	4,174	2,383
27	715	328	138	155	435	430	750	188	408	349	384	201
28	6,833	5,325	3,793	2,420	6,085	5,241	6,809	2,785	8,720	3,885	8,004	3,850
29	6,994	6,999	3,134	2,408	6,310	6,959	2,806	3,582	4,100	6,587	4,264	1,246
30	478,334	107,091	179,180	60,372	295,012	311,250	364,958	59,700	173,809	199,512	221,681	87,202
31	124,440	68,610	57,159	28,009	83,680	80,494	81,450	44,828	105,100	52,004	99,010	47,027

AGRICULTURE—WEST VIRGINIA.

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

		THE STATE.	Barbour.	Berkeley.	Boone.	Braxton.	Brooke.
<b>VALUE OF ALL CROPS</b>							
1	Total.....	dollars.. 40,374,776	755,800	1,231,255	369,350	987,223	300,651
2	Cereals.....	dollars.. 15,007,700	304,440	737,806	152,112	400,179	130,083
3	Other grains and seeds.....	dollars.. 93,550	1,434	1,111	1,015	2,001	325
4	Hay and forage.....	dollars.. 7,482,747	181,223	140,094	17,404	160,002	80,155
5	Vegetables.....	dollars.. 6,908,618	123,024	71,941	90,451	195,183	43,591
6	Fruits and nuts.....	dollars.. 3,340,124	83,200	205,792	41,120	96,822	25,334
7	All other crops.....	dollars.. 6,482,037	62,470	67,851	60,588	123,076	12,103
<b>SELECTED CROPS (acres and quantity)</b>							
8	<b>Cereals:</b>						
9	Total.....	acres.. 1,038,931	18,444	47,607	10,178	23,554	7,741
10	bushels.. 22,116,677	423,281	919,175	197,161	541,481	235,247	
11	Corn.....	acres.. 676,311	10,624	20,784	0,936	18,840	3,632
12	bushels.. 17,119,097	310,051	523,101	104,834	490,063	153,516	
13	Oats.....	acres.. 103,758	1,351	977	231	1,680	2,422
14	bushels.. 1,725,806	21,802	16,681	2,232	18,924	60,255	
15	Wheat.....	acres.. 209,315	3,243	23,893		2,090	1,622
16	bushels.. 2,575,990	35,282	358,914		20,171	20,758	
17	Buckwheat.....	acres.. 33,323	3,143	192	7	33	
18	bushels.. 533,670	54,008	17	0	296		
19	Rye.....	acres.. 15,079	60	1,874	2	2	63
20	bushels.. 148,676	750	18,650	12	27	649	
21	<b>Other grains:</b>						
22	Dry peas.....	acres.. 232			2		
23	bushels.. 1,490			0			
24	Dry edible beans.....	acres.. 8,111	109	9	181	171	
25	bushels.. 39,794	396	55	700	2,077		
26	<b>Hay and forage:</b>						
27	Total.....	acres.. 708,900	19,268	12,099	1,402	20,209	8,049
28	tons.. 639,104	18,945	11,710	1,318	13,758	8,139	
29	All tame or cultivated grasses.....	acres.. 688,330	19,005	11,876	1,320	18,025	7,979
30	tons.. 611,880	18,209	11,330	1,237	11,821	7,840	
31	Timothy alone.....	acres.. 308,514	2,740	6,931	607	8,821	5,432
32	tons.. 278,074	2,808	6,480	566	6,332	5,107	
33	Timothy and clover mixed.....	acres.. 281,794	6,641	4,430	67	6,618	2,147
34	tons.. 249,988	7,748	4,260	78	4,166	2,367	
35	Clover alone.....	acres.. 6,661	20	370	24	72	30
36	tons.. 6,514	17	338	32	47	41	
37	Alfalfa.....	acres.. 696	6	60			23
38	tons.. 1,406	15	106				54
39	Millet or Hungarian grass.....	acres.. 7,758	20	43	440	77	38
40	tons.. 8,006	24	52	485	74	66	
41	Other tame or cultivated grasses.....	acres.. 82,607	0,200	6	2,437	269	
42	tons.. 66,094	7,567	10	76	1,202	155	
43	Wild, salt, or prairie grasses.....	acres.. 5,495	103		20		
44	tons.. 4,051	75		27	12		
45	Grains cut green.....	acres.. 4,191	117	27	20	22	18
46	tons.. 6,837	523	43	20	38	11	
47	Coarse forage.....	acres.. 16,876	48	190	27	2,140	62
48	tons.. 16,209	76	331	25	1,888	288	
49	<b>Special crops:</b>						
50	Potatoes.....	acres.. 42,621	785	452	475	924	345
51	bushels.. 4,077,006	82,005	42,598	42,515	100,820	31,014	
52	Sweet potatoes and yams.....	acres.. 2,076	4	4	84	48	
53	bushels.. 215,532	1,871	327	11,816	8,180	27	
54	All other vegetables.....	acres.. 43,524	507	490	900	1,030	238
55	Tobacco.....	acres.. 17,928	0		152	8	
56	Cane, sorghum.....	pounds.. 14,366,400	3,088		69,404	9,187	
57	acres.. 8,607	61		343	273		
58	tons.. 48,094	358		1,200	2,079		
59	Sirup (made).....	gallons.. 604,201	3,001		17,512	26,000	
60	<b>FRUITS AND NUTS</b>						
61	Total.....	acres.. 6,770,384	137,043	231,852	46,098	184,706	46,411
62	bushels.. 4,709,959	140,317	263,068	82,612	191,295	13,154	
63	Apples.....	acres.. 4,670,948	96,390	166,118	39,124	128,679	20,716
64	bushels.. 4,225,163	127,205	246,508	81,110	184,081	8,433	
65	Peaches and nectarines.....	acres.. 1,424,582	13,341	35,664	4,857	23,457	10,336
66	bushels.. 328,001	1,670	11,050	881	5,051	2,058	
67	Pears.....	acres.. 154,908	1,927	14,891	630	1,888	2,355
68	bushels.. 20,916	655	1,831	180	793	205	
69	Plums and prunes.....	acres.. 234,859	4,675	10,237	809	4,308	7,862
70	bushels.. 32,948	1,175	420	360	659	517	
71	Cherries.....	acres.. 332,429	20,000	4,014	533	5,066	3,200
72	bushels.. 70,723	9,406	1,988	79	670	749	
73	Quinces.....	acres.. 50,708	461	1,485	45	380	1,025
74	bushels.. 13,163	163	365	2	35	527	
75	Grapes.....	vines.. 284,074	3,407	3,109	1,314	3,700	7,020
76	pounds.. 3,224,751	75,524	25,916	16,415	67,698	67,035	
77	Tropical fruits:						
78	Figs.....	acres.. 225				4	
79	pounds.. 950					150	
80	Small fruits:						
81	Total.....	acres.. 2,913	84	34	10	164	49
82	quarts.. 2,386,562	18,268	36,826	8,484	68,348	79,681	
83	Strawberries.....	acres.. 709	50	15	7	5	27
84	quarts.. 812,049	3,677	20,076	2,022	3,050	56,001	
85	Raspberries and loganberries.....	acres.. 847	18	17		30	10
86	quarts.. 648,174	11,022	14,802	440	12,541	8,121	
87	Blackberries and dewberries.....	acres.. 1,292	8	2	3	128	7
88	quarts.. 803,498	3,221	1,706	5,726	49,771	9,957	
89	Nuts.....	acres.. 42,167	4,170	1	192	933	
90	pounds.. 974,312	136,350	200	8,255	23,530		

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	43,871	1,112	745	404	1,354	217
2	Cash expended.....	dollars.. 3,203,924	61,014	134,387	15,514	81,272	29,463	
3	Rent and board furnished.....	dollars.. 831,840	17,049	49,604	3,554	21,460	14,318	
4	Fertilizer.....	Farms reporting.....	23,067	1,416	844	20	160	
5	Amount expended.....	dollars.. 828,937	19,620	49,822	117	2,475	3,159	
6	Feed.....	Farm's reporting.....	37,301	785	369	418	926	
7	Amount expended.....	dollars.. 1,938,233	24,936	23,542	15,263	27,760	20,511	
8	Receipts from sale of feedable crops.....	dollars.. 1,212,228	12,450	70,306	8,063	23,231	20,310	

# AGRICULTURE—WEST VIRGINIA.

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

	CabeM.	Calhoun.	Clay.	Doddridge.	Fayette.	Glimmer.	Grant.	Greenbrier.	Hampshire.	Hancock.	Hardy.	Harrison.
1	1,020,111	544,185	383,255	588,266	624,455	717,802	338,777	1,041,542	745,250	312,599	545,740	967,100
2	202,847	260,480	147,493	182,208	160,496	206,230	150,234	476,032	301,050	93,080	314,144	240,446
3	986	2,515	1,521	110	1,050	805	598	2,717	844	15	104	162
4	51,728	82,313	31,062	106,028	118,052	148,308	80,423	252,572	110,133	64,618	94,280	332,007
5	132,085	103,407	92,075	115,034	204,738	124,278	44,023	142,093	72,510	47,009	57,022	181,434
6	66,873	31,674	60,240	50,252	83,004	59,373	16,813	53,980	138,401	81,701	15,087	110,383
7	475,592	63,787	40,064	44,634	46,315	88,022	40,686	113,239	110,812	24,547	63,003	92,708
8	22,527	17,438	9,746	10,181	12,151	15,755	13,103	29,484	30,202	6,636	21,026	11,724
9	488,382	400,966	202,628	237,710	200,994	395,522	169,752	604,248	309,732	148,996	363,742	364,802
10	18,127	13,104	8,110	8,375	9,038	11,547	7,198	17,607	13,134	2,625	10,805	8,486
11	438,675	362,924	186,561	216,265	163,035	357,198	109,000	441,953	204,229	74,562	231,718	306,979
12	1,579	722	782	751	2,144	605	1,481	2,897	2,436	2,151	1,008	1,558
13	22,366	8,200	8,948	11,442	27,433	8,307	18,086	47,507	38,317	51,044	27,988	34,014
14	2,785	3,602	852	1,030	230	3,481	3,487	7,515	6,725	1,751	5,778	1,043
15	27,050	29,078	7,097	9,714	1,065	20,643	34,804	98,714	72,600	22,253	73,283	22,477
16		5	2	6	708	25	150	1,224	3,682	0	911	17
17		37	22	91	8,251	236	1,620	13,237	47,314	115	8,658	246
18	36	2		10	28	7	783	234	4,213	100	2,386	15
19	285	13		207	257	48	6,145	2,668	87,127	1,018	21,504	221
20	1		1					1	1			
21	11		10					8	5			2
22	60	275	130	9	160	30	46	315	12	0	0	7
23	395	1,996	556	43	971	585	242	1,220	48	0	30	63
24	4,229	10,028	3,449	19,076	9,653	13,929	10,424	24,311	10,043	5,931	8,183	25,576
25	4,214	6,553	2,478	17,085	8,996	11,307	7,569	24,666	10,148	5,281	7,524	28,616
26	4,128	9,974	3,448	16,772	9,445	13,893	9,877	23,443	10,005	5,884	8,050	25,512
27	4,034	6,496	2,474	14,892	8,774	11,244	7,230	23,704	9,010	5,093	7,334	28,239
28	2,501	5,154	2,330	7,383	3,503	4,220	3,125	7,055	4,164	4,022	3,115	11,301
29	2,446	3,371	1,683	6,567	3,764	3,247	2,201	6,560	3,079	3,688	2,882	12,730
30	1,050	2,787	472	9,263	3,526	8,553	5,756	14,544	4,228	1,437	3,053	12,716
31	980	1,804	309	8,238	2,841	7,070	4,198	15,042	4,030	1,183	2,774	13,627
32	183	50	18	39	67	80	217	309	51	68	140	31
33	183	48	15	34	85	55	138	557	47	87	130	30
34	2							34	9	104	61	1
35	2		1					56	17	217	134	2
36	220	65	289	17	823	18	29	139	47	7	11	60
37	243	61	259	10	851	20	22	161	72	14	10	72
38	172	1,018	330	70	1,620	1,013	716	1,297	1,421	150	1,070	1,403
39	131	1,212	207	43	1,233	851	531	1,428	1,268	121	1,404	1,778
40	22	1	1		136			813	485		66	
41	23	1	1		114			832	741	309	40	
42	08	0		2	15	1	2	7	03		43	31
43	113	2	3	2	7	1	1	10	03		135	331
44	11	47		2,002	57	36		48	90	47	15	33
45	44	54		2,191	101	62		171	07	188	15	40
46	1,138	470	500	565	1,136	539	312	777	728	272	341	772
47	84,363	47,862	43,037	61,173	113,628	55,692	27,846	80,125	56,895	20,532	34,252	94,270
48	63	37	43	17	26	31	4	2	3		3	7
49	6,564	3,934	4,752	1,301	2,893	3,444	402	195	162	0	370	695
50	1,058	740	478	555	1,041	554	279	838	422	333	352	609
51	3,903	7	14	4	11	8	1	5				1
52	3,061,333	3,423	5,670	1,178	6,340	5,691	715	1,572			10	530
53	379	275	201	86	174	104	13	104	1			31
54	1,061	1,607	864	402	1,429	1,265	41	551	3		2	133
55	20,443	23,707	10,588	5,603	12,644	14,971	374	7,503	47		18	1,169
56	183,714	91,623	73,682	102,687	104,121	101,312	68,593	130,740	528,900	110,868	100,905	138,583
57	100,831	55,459	103,276	74,755	110,957	86,373	31,754	74,643	154,965	91,841	27,697	152,175
58	97,582	68,609	62,929	86,455	84,776	80,916	37,270	67,179	135,240	82,570	62,053	110,474
59	94,250	53,837	100,476	70,810	105,187	78,637	26,138	63,070	61,497	82,437	23,462	142,364
60	25,770	18,600	7,800	11,784	5,064	14,034	17,896	14,184	370,212	11,755	20,323	12,493
61	4,308	3,630	2,348	3,204	1,356	5,205	2,883	3,114	89,596	4,187	2,675	4,178
62	2,439	802	450	1,644	2,140	1,001	2,061	3,786	6,827	3,955	2,400	1,031
63	705	242	81	253	1,044	421	250	648	1,096	637	1,001	793
64	2,870	1,166	663	1,472	2,622	2,090	2,775	1,690	6,300	5,547	2,100	3,229
65	622	100	100	205	1,100	1,285	938	246	2,269	2,269	17	521
66	4,370	1,748	1,659	1,609	9,348	2,052	7,710	12,811	5,898	4,162	7,786	0,649
67	745	404	207	235	2,588	618	1,510	5,433	1,095	1,489	1,415	4,021
68	651	670	76	234	298	290	210	1,052	1,365	2,886	231	709
69	139	168	3	46	34	115	40	1,500	204	922	23	312
70	4,480	3,046	1,851	3,372	5,256	1,027	4,735	4,206	4,526	4,368	7,038	2,979
71	44,531	33,981	19,401	52,654	57,794	17,135	46,800	50,307	70,066	55,065	75,085	71,297
72			1			2		22				6
73						40						105
74	131	12	4	48	30	23	14	95	19	43	2	76
75	82,129	11,444	2,696	44,318	29,061	21,155	8,407	61,880	25,188	61,487	1,131	115,956
76	43	1	1	7	7	3	2	24	10	24	1	24
77	20,691	670	1,143	7,082	6,779	2,710	1,042	20,056	11,571	41,437	750	67,384
78	74	3	3	27	13	11	5	21	8			40
79	44,727	2,791	1,190	23,478	5,424	10,193	2,060	18,333	11,061	0,669		33,650
80	13	8		11	9	8	7	50	1			10
81	9,458	7,445	80	10,844	16,009	6,816	3,799	17,095	1,722	11,644	300	12,353
82	301	30	70	1,405	469	1,208	2,475	1,102	1,021	36	55	216
83	14,205	150	3,250	10,910	15,535	4,112	6,383	101,900	46,454	100	5,300	4,175

## AND RECEIPTS, BY COUNTIES: 1909.

1	945	759	422	955	706	1,085	430	1,211	650	250	451	1,407
2	50,609	35,467	18,947	61,581	35,550	71,029	38,854	90,281	92,130	42,372	49,018	131,341
3	12,949	11,114	4,510	14,202	12,961	20,907	9,000	15,812	17,064	11,287	9,107	31,680
4	326	20	25	78	820	30		1,382	1,010	180	557	501
5	6,910	945	293	1,359	11,178	398	5,225	30,090	23,400	6,054	13,347	9,891
6	758	377	466	1,021	792	544	482	1,123	640	291	457	1,514
7	33,384	14,528	15,847	31,440	59,492	10,377	26,172	50,730	36,239	29,957	25,540	124,676
8	23,056	12,448	6,401	9,357	6,097	24,135	11,710	22,898	13,048	8,190	22,965	15,152

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

		Jackson.	Jefferson.	Kanawha.	Lewis.	Lincoln.	Logan.	McDowell.	
<b>VALUE OF ALL CROPS</b>									
1	Total.....	dollars.. 1,214,171	1,265,268	1,411,020	757,752	1,294,639	372,167	334,045	
2	Cereals.....	dollars.. 524,819	940,410	513,474	233,581	449,285	144,037	94,031	
3	Other grains and seeds.....	dollars.. 3,369	2,007	4,143	1,262	7,339	2,654	5,747	
4	Hay and forage.....	dollars.. 212,071	139,882	160,147	251,042	61,897	14,825	20,362	
5	Vegetables.....	dollars.. 107,190	62,407	332,184	149,008	168,165	90,497	96,350	
6	Fruits and nuts.....	dollars.. 78,009	94,238	145,556	88,758	78,945	45,445	18,694	
7	All other crops.....	dollars.. 197,813	25,722	195,516	34,101	520,008	65,709	99,760	
<b>SELECTED CROPS (acres and quantity)</b>									
8	<b>Cereals:</b>								
9	Total.....	acres.. 36,388	51,002	37,240	11,620	28,560	9,372	6,349	
10	bushels.....	809,427	1,174,301	733,372	314,632	574,800	181,799	98,349	
11	Corn.....	acres.. 24,200	20,465	20,658	8,781	24,070	9,082	5,555	
12	bushels.....	607,846	635,697	649,980	281,275	532,704	178,783	90,871	
13	Oats.....	acres.. 1,861	438	4,300	905	1,890	242	750	
14	bushels.....	27,366	8,599	54,193	14,350	21,191	2,055	7,042	
15	Wheat.....	acres.. 10,247	29,567	3,851	1,550	2,563	36	17	
16	bushels.....	113,082	522,512	34,742	18,115	20,802	268	158	
17	Buckwheat.....	acres.. 33			310		1	6	
18	bushels.....	675			56		3	98	
19	Rye.....	acres.. 41	421	31	56	13	11	21	
20	bushels.....	458	4,247	457	570		95	180	
<b>Other grains:</b>									
21	Dry peas.....	acres.. 30		8		8			
22	bushels.....	304		67		16			
23	Dry edible beans.....	acres.. 140		382	92	807	219	693	
	bushels.....	982	8	1,601	462	3,384	932	4,075	
<b>Hay and forage:</b>									
24	Total.....	acres.. 22,682	10,737	12,164	21,250	4,230	906	1,798	
25	tons.....	21,384	11,204	11,231	21,044	3,654	1,101	1,502	
26	All tame or cultivated grasses.....	acres.. 22,770	10,722	11,014	21,222	4,227	899	1,929	
27	tons.....	21,100	11,064	10,852	21,000	3,650	995	989	
28	Timothy alone.....	acres.. 15,824	6,823	7,056	2,797	2,338	318	421	
29	bushels.....	14,804	7,026	6,706	2,582	2,116	340	335	
30	Timothy and clover mixed.....	acres.. 5,218	2,882	3,020	14,760	1,232	77	380	
31	bushels.....	4,740	2,880	2,854	14,562	1,188	94	426	
32	Clover alone.....	acres.. 270	948	121	27	204	14	4	
33	bushels.....	200	1,047	110	48	202	18	3	
34	Alfalfa.....	acres.. 11	57	5	6	1	5		
35	bushels.....	30	97	8	8	1	7		
36	Millet or Hungarian grass.....	acres.. 16	10	804	3	344	334	83	
37	bushels.....	14	12	1,014	3	351	455	126	
38	Other tame or cultivated grasses.....	acres.. 1,422	2	218	3,680	110	67	42	
39	bushels.....	1,222	2	100	3,797	90	85	48	
40	Wild, salt, or prairie grasses.....	acres.. 10		13		3	38	8	
41	bushels.....			10		4	50	8	
42	Grains cut green.....	acres.. 105	15	206	28		61	13	
43	bushels.....	144	140	275	44		56	12	
44	Course forage.....	acres.. 7		31				848	
45	bushels.....	44		94				493	
<b>Special crops:</b>									
46	Potatoes.....	acres.. 1,337	362	2,186	652	1,146	501	518	
47	bushels.....	135,083	36,551	184,453	79,067	84,482	40,703	34,519	
48	Sweet potatoes and yams.....	acres.. 65	1	117	68	215	144	67	
49	bushels.....	5,463	103	13,714	2,932	15,398	15,234	5,627	
50	All other vegetables.....	acres.. 1,323	424	2,381	412	1,032	752	1,129	
51	Tobacco.....	acres.. 1,107		481	9	4,220	101	13	
52	pounds.....	1,000,333		370,923	3,310	3,090,057	125,927	3,822	
53	Cane, sorghum.....	acres.. 372		708	61	463	148	125	
54	bushels.....	2,219		5,188	331	1,638	844	413	
55	gallons.....	31,800		41,014	5,307	40,066	11,224	5,928	
<b>FRUITS AND NUTS</b>									
56	<b>Orchard fruits:</b>								
57	Total.....	trees.. 229,854	89,141	209,051	120,928	114,951	39,598	27,047	
58	bushels.....	126,709	145,626	243,983	33,166	186,748	81,077	19,431	
59	Apples.....	trees.. 160,090	77,537	173,125	94,815	90,210	34,670	20,550	
60	bushels.....	103,418	143,129	235,903	24,586	100,904	79,693	19,093	
61	Peaches and nectarines.....	trees.. 57,296	0,252	22,031	17,880	20,768	3,184	4,356	
62	bushels.....	10,191	310	4,019	5,163	4,709	377	217	
63	Pears.....	trees.. 2,252	4,112	2,332	2,015	1,062	722	515	
64	bushels.....	803	1,543	926	942	231	275	41	
65	Plums and prunes.....	trees.. 8,532	465	4,410	3,503	1,530	605	387	
66	bushels.....	1,329	151	1,583	643	651	500	31	
67	Cherries.....	trees.. 9,700	484	6,429	8,479	1,203	397	1,215	
68	bushels.....	1,348	340	1,267	1,762	108	216	48	
69	Quinces.....	trees.. 1,929	278	688	226	88	107	19	
70	bushels.....	620	142	221	68	25	16	1	
71	Grapes.....	vines.. 7,918	1,280	3,900	4,772	963	398	577	
72	pounds.....	140,886	22,608	46,950	118,659	6,304	1,369	2,590	
73	<b>Tropical fruits:</b>								
74	Figs.....	trees..		36					
75	pounds.....			315					
76	<b>Small fruits:</b>								
77	Total.....	acres.. 46	17	208	245	33	66	3	
78	quarts.....	33,479	22,034	75,093	126,626	24,224	13,431	2,558	
79	Strawberries.....	acres.. 16	15	27	8	3	8	1	
80	quarts.....	14,409	19,083	19,227	10,379	2,294	3,078	2	
81	Raspberries and loganberries.....	acres.. 8	25	23	23	7		907	
82	quarts.....	5,685	578	15,782	24,421	5,410	86		
83	Blackberries and dewberries.....	acres.. 21	151	205	205	23	58		
	quarts.....	12,151	182	36,375	88,833	15,090	9,817	714	
84	Nuts.....	trees.. 1,154	1	513	501	16		25	
85	pounds.....	35,950		11,375	38,130	600		100	

TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor.....	Farms reporting.....	1,272	602	1,502	1,083	1,072	336	327
2	Cash expended.....	dollars.. 70,574	174,533	98,670	82,492	48,430	14,626	14,558	
3	Rent and board furnished.....	dollars.. 14,242	61,937	10,009	29,780	14,361	8,841	4,521	
4	Fertilizer.....	Farms reporting.....	544	655	178	331	451	29	
5	Amount expended.....	dollars.. 11,476	50,359	4,734	6,023	4,724	242	592	
6	Feed.....	Farms reporting.....	899	356	1,376	975	931	190	
7	Amount expended.....	dollars.. 20,975	27,792	80,620	58,057	33,351	7,438	17,630	
8	Receipts from sale of feedable crops.....	dollars.. 41,034	115,000	30,990	11,808	10,851	4,851	2,812	

AGRICULTURE—WEST VIRGINIA.

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

	Marion.	Marshall.	Mason.	Mercer.	Mineral.	Mingo.	Monongalia.	Monroe.	Morgan.	Nicholas.	Ohio.	Pendleton.
1	847,320	1,069,727	1,164,359	648,423	372,236	331,448	816,848	885,754	418,975	592,829	641,675	486,200
2	283,245	494,169	480,461	202,004	116,085	135,535	300,705	446,100	181,136	242,851	103,503	245,330
3	349	410	2,154	5,122	94	1,243	305	2,100	233	1,494	405	885
4	217,549	271,540	167,698	119,471	121,035	10,110	220,080	103,514	32,069	89,175	158,450	121,003
5	102,638	209,300	173,028	122,689	56,158	101,411	133,631	91,759	87,520	112,545	134,210	57,243
6	86,281	48,777	53,658	83,231	39,647	35,855	80,182	34,520	70,384	53,504	37,065	20,734
7	67,258	45,531	281,440	105,900	38,307	42,202	75,030	147,755	47,624	93,200	117,433	40,305
8	15,023	31,269	36,272	17,989	10,061	8,935	16,697	25,077	15,999	13,989	10,407	15,933
9	382,559	829,093	780,759	284,325	165,808	168,043	433,069	536,219	250,004	264,322	314,980	281,801
10	0,535	15,660	23,750	11,885	5,016	8,805	9,545	7,650	14,398	10,378	4,778	8,213
11	291,414	587,950	624,968	214,075	107,805	106,389	312,089	398,822	151,054	218,421	208,155	189,879
12	3,304	7,786	1,443	2,779	1,415	113	3,791	1,490	1,286	1,608	3,222	1,360
13	63,590	154,451	21,161	36,415	23,087	1,520	74,381	24,154	22,724	20,791	76,492	20,417
14	1,830	7,638	10,890	2,453	2,290	15	2,796	8,432	3,899	3,817	2,346	4,000
15	21,707	84,719	132,349	24,918	27,136	100	30,507	104,149	42,872	2,925	20,042	55,420
16	328	32	5	263	2	2	602	783	1,648	4	4	549
17	5,522	252	40	0,984	2,077	25	8,082	7,551	10,883	21,771	68	6,931
18	10	136	178	225	476	.....	39	145	2,368	22	57	801
19	268	1,528	2,241	1,011	5,093	.....	483	1,513	22,390	219	623	8,821
20	3	.....	102	10	.....	.....	1	.....	.....	2	.....	.....
21	17	.....	476	25	.....	.....	4	.....	.....	30	.....	.....
22	13	6	82	391	3	110	10	143	9	83	25	42
23	180	30	366	1,020	24	482	54	503	50	651	117	218
24	18,789	23,435	16,319	11,021	9,695	1,273	20,520	15,816	2,683	14,710	11,846	14,380
25	10,318	25,118	17,380	9,172	9,916	2,532	16,652	17,174	2,568	10,898	13,338	11,760
26	18,033	23,104	15,217	11,545	0,350	0,75	20,412	15,545	2,644	14,530	11,047	13,127
27	15,972	22,920	16,583	9,074	9,552	1,287	16,167	16,704	2,522	10,782	11,649	10,880
28	0,815	10,101	11,158	3,310	3,731	289	7,092	2,708	1,309	929	9,169	0,674
29	5,778	18,890	11,315	2,721	3,739	436	6,511	3,089	1,309	665	9,013	4,900
30	8,067	3,759	3,271	0,335	6,322	134	10,353	11,307	1,105	0,378	2,322	4,738
31	7,900	3,759	3,604	4,000	6,397	232	8,138	12,414	1,027	4,680	2,426	4,086
32	94	212	205	58	75	2	301	30	30	15	117	246
33	74	103	190	42	97	2	13	308	30	12	132	158
34	10	5	26	.....	135	6	.....	12	.....	.....	14	.....
35	13	14	62	.....	236	20	.....	30	.....	.....	32	.....
36	178	42	84	72	28	225	113	26	22	143	22	.....
37	214	53	110	79	32	559	150	20	24	107	44	.....
38	2,570	18	473	1,701	59	19	1,037	1,101	107	7,071	3	1,469
39	1,093	23	492	1,326	51	38	1,340	927	130	5,312	2	1,055
40	43	.....	10	62	.....	5	11	237	35	154	.....	1,175
41	31	.....	12	46	.....	4	0	161	42	80	.....	804
42	48	24	1,070	4	302	.....	2	10	4	7	35	38
43	68	28	1,704	50	316	.....	2	20	4	5	68	29
44	65	217	22	10	43	593	104	18	.....	13	164	40
45	244	2,101	21	2	48	1,241	477	193	.....	25	1,617	38
46	907	1,715	1,520	699	536	605	654	393	204	684	856	453
47	103,129	160,590	140,370	64,128	40,526	42,998	65,232	42,085	31,091	77,062	75,752	46,617
48	7	4	36	36	2	128	17	25	4	18	.....	20
49	593	420	3,295	4,114	74	11,892	1,064	2,727	620	2,809	5	859
50	829	1,179	1,257	883	304	800	573	586	1,027	563	922	309
51	3	17	1,578	24	.....	36	.....	1	.....	4	.....	4
52	880	17,010	1,439,391	14,978	150	17,354	335	638	60	3,012	.....	1,038
53	30	7	186	207	.....	202	0	135	.....	224	4	60
54	79	15	1,030	699	.....	547	38	719	1	1,470	22	197
55	1,293	235	14,271	12,056	.....	9,272	525	7,571	10	20,847	407	3,226
56	138,343	131,239	182,302	133,044	174,001	28,216	122,828	138,673	143,398	79,020	56,742	97,022
57	107,680	35,057	66,608	42,398	42,001	66,675	94,959	51,089	85,831	95,400	19,750	35,750
58	104,011	68,660	109,338	93,306	39,694	25,082	70,714	100,241	64,252	65,037	25,025	69,999
59	97,563	21,950	55,339	38,890	20,142	56,761	82,275	48,674	54,438	61,480	12,246	31,795
60	13,341	22,414	51,814	17,201	125,621	2,178	18,290	19,344	44,645	7,300	14,106	14,424
61	5,514	8,109	0,314	570	20,142	264	7,032	536	20,947	2,246	4,327	2,072
62	2,843	4,080	5,216	2,667	3,074	384	3,701	3,257	17,601	741	3,132	3,169
63	718	1,420	858	166	306	120	1,122	200	604	144	609	1,140
64	0,977	21,033	7,473	3,140	1,814	478	14,046	3,140	10,316	385	7,530	3,847
65	1,701	1,791	442	225	277	490	127	127	442	77	305	143
66	6,430	8,144	6,588	16,532	3,021	82	8,097	5,028	5,273	4,537	4,602	8,149
67	1,479	1,690	404	2,627	781	24	1,305	1,206	3,092	1,442	1,274	1,508
68	1,680	6,304	1,835	170	568	9	1,918	1,049	1,300	109	2,340	363
69	701	.....	250	11	261	7	778	142	308	20	834	32
70	4,093	30,447	4,700	4,175	3,512	111	10,270	3,484	7,675	1,055	33,277	2,597
71	150,739	244,016	55,092	13,305	84,998	800	142,743	41,865	33,490	23,522	241,604	31,757
72	.....	.....	131	.....	.....	.....	.....	.....	.....	.....	.....	5
73	.....	.....	150	.....	.....	.....	.....	.....	.....	.....	.....	.....
74	61	102	143	19	72	10	46	32	3	6	60	6
75	74,048	68,739	134,204	23,748	57,497	7,319	40,992	37,627	6,672	9,976	76,995	2,211
76	14	15	80	5	17	3	7	6	2	1	25	1
77	30,402	24,951	87,443	4,093	10,531	2,777	12,126	11,032	3,021	2,810	43,393	544
78	33	20	36	4	49	.....	.....	13	.....	1	18	1
79	26,344	20,853	25,173	3,552	32,110	202	10,435	10,480	1,757	2,023	14,490	692
80	11	56	25	10	6	7	13	.....	.....	4	13	4
81	13,980	12,828	19,079	15,899	5,509	3,300	7,440	0,741	480	3,869	14,051	887
82	1,505	40	325	797	127	.....	.....	20	222	.....	12	11,076
83	27,943	1,125	2,200	6,575	3,000	.....	12,170	700	650	7,950	1,000	127,511

RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,032	1,041	1,267	778	362	200	684	848	459	604	423	585
2	67,397	69,467	125,885	46,483	69,034	12,846	67,680	63,763	38,913	33,320	86,098	38,271
3	15,731	32,833	17,088	9,087	13,145	4,420	24,267	17,525	8,858	8,171	29,252	8,693
4	695	66	656	402	242	6	686	1,190	601	713	111	507
5	10,790	2,186	19,331	5,053	7,215	125	17,224	20,725	20,155	12,701	6,115	7,893
6	1,313	795	920	831	384	173	1,026	617	241	622	416	404
7	89,995	56,110	32,890	30,153	35,693	7,341	66,825	21,808	10,125	22,918	90,161	12,556
8	10,762	70,619	65,431	13,143	14,716	6,889	16,185	19,551	12,769	11,301	61,518	11,555

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

		Pleasants.	Pocahontas.	Preston.	Putnam.	Raleigh.	Randolph.	Ritchie.	
<b>VALUE OF ALL CROPS</b>									
1	Total.....	dollars.....	300,524	642,807	1,209,927	1,229,331	721,527	766,283	709,233
2	Cereals.....	dollars.....	123,039	172,236	531,589	371,728	189,205	218,833	255,798
3	Other grains and seeds.....	dollars.....	180	107	401	1,899	2,870	883	437
4	Hay and forage.....	dollars.....	68,323	182,939	284,770	102,839	113,384	207,528	190,151
5	Vegetables.....	dollars.....	66,587	105,043	161,521	134,513	132,362	157,067	140,876
6	Fruits and nuts.....	dollars.....	21,281	25,730	41,500	64,356	106,720	37,774	41,059
7	All other crops.....	dollars.....	21,114	156,692	190,074	553,906	175,986	84,398	80,912
<b>SELECTED CROPS (acres and quantity)</b>									
8	Cereals:								
9	Total.....	acres.....	7,714	9,075	34,194	26,641	13,198	10,949	17,215
10	Corn.....	bushels.....	182,203	214,571	824,148	537,539	204,681	308,826	363,879
11	Oats.....	acres.....	5,869	5,004	12,438	19,064	9,869	7,117	12,389
12	Wheat.....	bushels.....	157,351	150,174	382,023	456,566	165,311	242,282	306,911
13	Buckwheat.....	acres.....	710	1,516	9,461	1,640	1,322	1,979	1,208
14	Rye.....	bushels.....	12,718	29,951	108,201	22,045	14,244	39,950	18,010
15	Other grains:	acres.....	1,078	1,430	2,822	5,914	90	499	3,528
16	Dry peas.....	bushels.....	11,497	19,213	41,800	68,648	915	6,256	37,991
17	Dry edible beans.....	acres.....	30	891	9,389	8	1,832	1,328	71
18	Other grains:	bushels.....	320	13,558	199,987	74	23,207	19,802	799
19	Dry peas.....	acres.....	15	118	63	9	55	21	19
20	Dry edible beans.....	bushels.....	107	1,338	850	78	794	478	168
21	Hay and forage:								
22	Total.....	acres.....	7,309	17,834	26,980	9,168	11,384	24,321	20,527
23	All tame or cultivated grasses.....	tons.....	5,921	15,800	21,947	8,297	8,645	21,180	16,225
24	Timothy alone.....	acres.....	7,274	17,562	20,173	8,641	11,130	23,979	20,494
25	Timothy and clover mixed.....	tons.....	5,807	15,386	21,013	7,044	8,420	20,002	13,154
26	Clover alone.....	acres.....	6,062	2,899	4,494	6,419	3,773	5,714	7,967
27	Alfalfa.....	tons.....	4,574	2,792	3,720	5,729	2,807	5,357	6,409
28	Millet or Hungarian grass.....	acres.....	1,412	10,845	18,977	1,555	4,855	8,195	8,509
29	Other tame or cultivated grasses.....	tons.....	1,135	9,569	15,478	1,385	3,322	6,320	6,673
30	Wild, salt, or prairie grasses.....	acres.....	23	90	166	148	66	72	58
31	Alfalfa.....	tons.....	20	87	200	120	59	52	46
32	Millet or Hungarian grass.....	acres.....	6	1	2	1	7	.....	.....
33	Other tame or cultivated grasses.....	tons.....	13	1	4	5	6	4	9
34	Wild, salt, or prairie grasses.....	acres.....	9	22	70	120	799	555	10
35	Grains cut green.....	tons.....	13	22	82	121	849	67	10
36	Coarse forage.....	acres.....	162	3,689	2,404	398	1,630	9,942	3,951
37	Special crops:	tons.....	112	2,925	1,523	278	1,383	8,793	3,016
38	Potatoes.....	acres.....	196	157	157	.....	150	98	10
39	Sweet potatoes and yams.....	bushels.....	122	128	128	.....	143	60	7
40	All other vegetables.....	acres.....	28	50	2	513	103	20	9
41	Tobacco.....	tons.....	44	108	2	648	70	146	11
42	Cane, sorghum.....	acres.....	7	35	648	14	1	215	14
43	Syrup (made).....	gallons.....	10	115	804	6	6	352	53
44	Special crops:								
45	Potatoes.....	acres.....	504	658	1,193	940	870	1,211	778
46	Sweet potatoes and yams.....	bushels.....	47,368	71,486	124,533	82,944	84,078	119,544	93,953
47	All other vegetables.....	acres.....	4	.....	3	65	57	2	25
48	Tobacco.....	bushels.....	306	460	345	6,774	6,986	147	2,411
49	Cane, sorghum.....	acres.....	335	4	606	838	953	680	726
50	Syrup (made).....	pounds.....	30	1	2	4,068	8	3	2
51	Special crops:	acres.....	40	15	80	3,405,883	2,873	1,200	2,917
52	Cane, sorghum.....	acres.....	206	89	211	377	188	33	80
53	Syrup (made).....	tons.....	206	89	211	377	188	33	80
54	Syrup (made).....	gallons.....	3,268	719	3,377	25,500	11,248	1,051	7,119
<b>FRUITS AND NUTS</b>									
55	Orchard fruits:								
56	Total.....	acres.....	79,950	68,326	109,354	129,873	82,461	93,787	148,220
57	Apples.....	bushels.....	25,219	26,241	52,803	114,386	169,087	16,271	52,412
58	Peaches and nectarines.....	acres.....	69,789	58,102	129,618	89,907	73,390	77,396	107,137
59	Pears.....	bushels.....	23,381	25,115	44,041	107,000	166,802	14,707	46,979
60	Plums and prunes.....	acres.....	13,062	5,844	11,054	31,398	3,745	3,442	28,737
61	Cherries.....	bushels.....	910	608	1,876	4,739	2,179	152	4,348
62	Quinces.....	acres.....	997	1,274	5,226	2,026	1,230	1,713	1,522
63	Grapes.....	bushels.....	438	195	985	486	287	401	309
64	Small fruits:	acres.....	3,178	4,825	4,825	2,058	705	1,941	4,032
65	Strawberries.....	bushels.....	161	142	675	1,013	158	168	168
66	Raspberries and loganberries.....	acres.....	1,433	1,622	18,020	3,180	3,330	9,254	5,435
67	Blackberries and dewberries.....	bushels.....	98	108	5,199	392	639	839	434
68	Nuts.....	acres.....	1,487	115	244	673	49	62	1,326
69	Small fruits:	bushels.....	232	13	27	147	22	3	174
70	Grapes.....	vines.....	2,267	1,613	5,377	3,284	1,097	3,627	4,927
71	Tropical fruits:	pounds.....	22,116	31,481	93,078	28,611	10,368	49,075	106,576
72	Figs.....	acres.....	2	.....	.....	.....	.....	.....	1
73	Small fruits:	pounds.....	40	.....	.....	.....	.....	.....	.....
74	Total.....	acres.....	39	61	23	17	42	48	40
75	Strawberries.....	quarts.....	30,478	45,362	22,018	14,450	37,226	25,792	35,383
76	Raspberries and loganberries.....	acres.....	24	6	8	7	4	5	8
77	Blackberries and dewberries.....	quarts.....	10,215	6,661	8,077	5,665	4,640	4,115	11,320
78	Nuts.....	acres.....	0	13	6	4	17	22	.....
79	Small fruits:	quarts.....	4,714	11,800	6,407	1,866	4,005	8,307	15,207
80	Nuts.....	acres.....	0	42	3	5	33	26	10
81	Small fruits:	quarts.....	6,385	27,293	3,904	5,826	27,390	12,000	8,477
82	Nuts.....	acres.....	10	10	858	595	115	2,146	210
83	Small fruits:	pounds.....	250	60	28,320	6,410	9,360	5,175	8,608

TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor.....	Farms reporting.....	530	573	1,081	999	709	782	1,263
2	Cash expended.....	dollars.....	25,897	49,106	69,473	67,469	23,927	85,975	65,541
3	Rent and board furnished.....	dollars.....	6,595	14,157	16,510	10,113	7,557	13,713	17,845
4	Fertilizer.....	Farms reporting.....	143	473	1,781	883	440	747	339
5	Amount expended.....	dollars.....	1,895	9,507	36,694	13,823	5,277	18,068	5,366
6	Food.....	Farms reporting.....	380	579	1,077	720	787	817	912
7	Amount expended.....	dollars.....	15,778	35,689	46,308	22,699	35,821	47,439	37,741
8	Receipts from sale of feedable crops.....	dollars.....	14,983	13,662	24,497	28,022	4,837	13,850	19,208

AGRICULTURE—WEST VIRGINIA.

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

	Roane.	Summers.	Taylor.	Tucker.	Tyler.	Upshur.	Wayne.	Webster.	Wetzel.	Wirt.	Wood.	Wyoming.
1	1,305,702	707,990	429,351	312,968	741,043	602,870	1,109,972	389,748	784,160	494,151	960,976	556,202
2	589,035	259,357	135,351	107,003	238,380	213,523	412,913	114,790	369,003	177,494	350,180	204,561
3	3,452	4,763	146	181	315	1,287	3,836	680	1,229	481	464	8,032
4	248,317	111,355	118,148	72,445	105,424	154,828	52,057	77,305	194,625	92,915	222,793	45,334
5	210,928	150,915	97,774	68,590	110,407	121,825	200,274	62,157	127,577	80,549	215,291	120,356
6	103,143	37,941	44,910	22,107	38,710	40,650	72,500	25,624	45,555	35,361	77,496	88,512
7	154,227	143,659	33,022	42,574	182,692	64,757	367,483	100,003	40,171	98,351	94,836	79,507
8	32,079	17,950	7,576	6,427	14,353	13,535	37,647	6,421	26,248	13,296	24,516	13,332
9	731,525	318,387	192,258	187,911	335,794	282,694	705,883	126,728	626,301	292,904	569,325	209,470
10	23,934	12,351	4,772	3,553	10,740	9,403	32,853	5,698	16,025	10,538	18,098	11,832
11	654,938	254,998	144,417	105,521	294,290	228,973	719,704	117,851	514,092	265,957	488,165	195,698
12	2,238	1,604	1,360	1,430	1,230	1,528	2,069	3,868	598	837	1,908	1,333
13	27,877	21,089	25,805	25,512	18,886	22,737	23,211	7,575	61,983	11,618	35,475	11,937
14	5,879	3,254	721	153	2,203	1,260	2,094	27	5,050	1,804	3,613	.....
15	48,461	33,148	8,980	1,808	20,971	12,724	22,003	239	48,982	15,865	43,182	.....
16	18	701	706	1,248	80	1,321	.....	53	50	27	31	140
17	195	8,162	12,901	24,438	815	18,180	.....	690	611	234	246	1,697
18	10	40	5	23	96	9	.....	43	46	29	71	18
19	54	385	95	240	707	29	.....	285	443	182	813	138
20	1	2	.....	.....	6	.....	.....	11	.....	.....	16	5
21	2	4	.....	.....	48	.....	.....	113	.....	4	142	15
22	236	591	15	7	14	100	.....	307	128	70	8	1,071
23	1,286	1,070	77	146	75	873	.....	1,466	883	821	186	3,908
24	20,191	11,026	10,143	6,731	15,530	17,436	5,041	8,595	18,356	9,888	21,056	3,762
25	17,358	9,785	9,699	4,875	13,167	14,436	4,969	5,286	14,831	8,858	21,964	3,312
26	20,114	11,040	9,772	6,021	15,373	17,287	3,720	8,462	18,354	9,743	21,104	3,719
27	17,240	8,803	9,039	4,764	12,801	14,354	3,595	5,202	14,827	8,746	21,201	3,268
28	16,956	2,806	3,641	2,318	8,281	1,463	1,620	1,368	15,519	7,757	17,093	1,900
29	13,705	2,268	3,158	1,714	7,042	872	1,579	788	12,065	7,143	17,019	1,681
30	3,379	6,745	3,136	3,012	6,220	9,418	1,305	6,430	2,569	1,429	3,501	1,118
31	2,880	5,469	3,352	2,133	4,975	8,639	1,207	3,990	1,020	1,127	3,500	946
32	124	124	7	36	372	64	132	43	78	203	1	1
33	104	70	26	30	321	39	118	33	69	266	1	1
34	1	.....	.....	.....	9	.....	.....	.....	.....	.....	30	4
35	4	.....	.....	.....	10	.....	.....	.....	.....	.....	59	5
36	19	209	56	49	73	79	250	30	185	54	208	451
37	23	207	40	64	66	66	325	44	180	51	266	489
38	635	1,195	2,032	1,197	421	0,203	401	616	30	425	99	245
39	505	780	2,473	317	309	4,738	366	374	18	355	94	240
40	4	72	280	108	50	102	1	133	.....	88	5	28
41	5	45	200	107	20	34	1	84	.....	31	6	29
42	67	10	0	69	59	13	303	.....	.....	28	527	10
43	100	40	12	.....	40	17	456	.....	.....	4	34	705
44	4	780	81	2	48	34	1,017	.....	.....	20	18	5
45	7	897	446	4	306	31	917	.....	.....	45	18	5
46	833	647	525	581	763	729	1,268	394	1,263	590	1,349	792
47	91,625	67,085	54,382	66,379	77,814	70,301	107,388	38,609	114,569	59,109	131,224	58,397
48	77	38	5	1	10	22	222	7	2	18	24	154
49	9,499	3,737	430	211	632	2,207	28,892	816	146	2,272	2,894	13,572
50	1,190	1,011	484	259	614	612	1,836	369	730	693	1,456	941
51	110	22	1	.....	2	6	1,037	1	1	575	173	18
52	90,201	7,739	415	205	1,425	4,615	780,029	365	665	557,948	140,110	4,410
53	459	245	4	17	68	74	1,018	68	32	151	196	352
54	3,718	1,207	18	59	295	389	5,856	283	402	1,938	834	1,393
55	39,975	15,603	272	934	4,538	4,517	73,508	3,742	5,128	12,493	0,500	13,378
56	196,659	138,845	84,338	53,777	108,491	126,475	136,712	61,598	129,736	110,858	216,693	61,895
57	165,657	67,832	60,784	36,198	56,695	76,511	147,342	39,802	65,811	43,346	79,057	116,237
58	146,017	100,298	80,294	41,661	89,600	95,357	104,059	48,512	95,247	72,951	142,837	47,852
59	133,661	64,493	64,194	33,808	51,994	68,047	141,284	38,492	69,322	39,023	55,223	118,367
60	41,183	17,269	8,456	2,588	10,202	8,559	24,408	5,243	13,525	29,217	40,193	8,851
61	10,581	629	2,220	337	3,948	1,580	4,898	511	6,037	6,371	8,817	564
62	1,250	3,843	1,022	1,557	2,173	2,568	1,320	2,398	2,620	1,808	3,000	1,034
63	458	524	445	167	479	935	688	138	517	341	1,026	68
64	3,307	4,017	6,416	985	4,820	2,590	1,726	1,888	11,074	3,794	10,160	660
65	545	132	542	150	407	251	430	142	1,424	913	1,713	35
66	3,063	12,561	10,330	3,661	3,270	17,136	4,520	3,523	4,487	0,450	0,847	2,989
67	338	2,047	3,124	671	201	5,004	564	513	424	1,333	1,307	213
68	914	756	971	54	1,420	149	284	71	2,750	2,084	4,236	7
69	131	53	250	4	275	28	38	.....	763	489	1,481	.....
70	5,093	5,400	1,062	2,274	3,205	3,584	2,428	2,460	7,888	5,103	28,455	475
71	87,573	22,076	38,516	44,028	51,207	51,075	24,205	39,033	67,458	81,725	150,194	2,007
72	.....	.....	1	.....	.....	.....	1	.....	.....	13	.....	.....
73	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	.....
74	74	93	48	27	23	19	23	11	38	59	175	67
75	95,631	56,123	28,015	20,270	15,699	51,571	48,037	7,721	32,752	17,842	180,811	56,274
76	6	7	7	7	4	8	2	1	13	11	60	6
77	4,899	10,671	5,780	8,407	3,790	15,496	4,489	1,115	22,050	4,940	73,897	4,521
78	19	20	36	16	12	4	2	3	13	10	65	10
79	0,307	18,638	10,673	0,202	7,792	21,199	4,212	3,458	6,551	3,411	57,911	7,517
80	47	32	4	4	5	6	15	7	9	34	49	51
81	78,432	26,098	5,454	2,105	2,773	12,905	35,431	2,931	3,612	0,119	47,324	44,213
82	1,052	319	172	53	1,807	1,291	64	100	821	480	270	21
83	45,295	2,405	2,750	25,600	66,840	29,331	2,070	0,500	42,600	12,250	21,260	670

RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,334	799	539	311	804	1,035	1,122	497	876	624	1,150	609
2	82,067	32,180	33,970	14,600	40,710	44,914	49,637	24,101	74,165	20,170	80,579	29,957
3	20,365	9,907	11,504	1,830	9,630	10,525	9,610	3,540	17,154	10,282	19,282	5,504
4	218	588	492	255	146	1,038	103	285	63	52	285	56
5	4,135	6,800	9,418	3,550	2,066	13,082	495	1,127	1,311	936	6,373	1,851
6	776	807	653	322								



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

		THE STATE.	Barbour.	Berkeley.	Boone.	Braxton.	Brooke.	Cabell.	Calhoun.	Clay.
1	Inclosures reporting domestic animals.....	29,305	284	099	270	326	107	1,120	81	26
2	Value of domestic animals.....dollars..	4,041,574	30,830	120,025	32,799	36,685	41,544	103,079	11,319	11,414
<b>Cattle:</b>										
3	Total number.....	31,524	367	467	654	468	137	1,120	73	25
4	Value.....dollars..	1,053,931	13,139	14,230	13,518	15,484	4,994	39,080	2,311	993
5	Number of dairy cows.....	24,052	291	398	361	357	113	911	63	16
<b>Horses:</b>										
6	Total number.....	22,256	174	855	85	158	283	841	65	43
7	Value.....dollars..	2,912,306	21,905	97,275	7,510	19,175	32,015	112,112	7,720	7,258
8	Number of mature horses.....	21,036	161	842	82	156	282	828	65	40
<b>Mules and asses and burros:</b>										
9	Total number.....	6,564	5	27	77	6	25	80	1	24
10	Value.....dollars..	700,647	1,000	3,255	7,480	350	3,050	8,445	300	3,050
11	Number of mature mules.....	6,425	5	24	74	4	25	80	.....	24
<b>Swine:</b>										
12	Total number.....	25,406	109	1,655	963	239	68	390	70	28
13	Value.....dollars..	178,015	759	11,230	4,048	1,690	571	3,435	988	105
<b>Sheep and goats:</b>										
14	Total number.....	1,613	4	7	111	6	61	4	.....	2
15	Value.....dollars..	6,075	27	35	243	16	344	7	.....	8

		Doddridge.	Fayette.	Günior.	Grant.	Greenbrier.	Hampshire.	Hancock.	Hardy.	Harrison.
1	Inclosures reporting domestic animals.....	198	1,043	150	79	621	157	232	62	1,754
2	Value of domestic animals.....dollars..	24,648	299,641	27,148	20,813	103,444	28,526	37,376	15,680	307,907
<b>Cattle:</b>										
3	Total number.....	213	2,204	283	73	801	104	123	72	1,857
4	Value.....dollars..	6,858	76,840	9,622	2,428	24,275	4,899	4,133	2,293	69,705
5	Number of dairy cows.....	173	1,628	191	57	578	135	110	58	1,542
<b>Horses:</b>										
6	Total number.....	175	484	140	101	548	192	259	103	1,431
7	Value.....dollars..	16,015	65,278	15,727	13,485	73,509	20,490	31,100	12,639	213,421
8	Number of mature horses.....	175	479	130	101	545	180	259	103	1,507
<b>Mules and asses and burros:</b>										
9	Total number.....	5	1,411	2	27	16	17	13	.....	137
10	Value.....dollars..	465	143,384	500	3,200	1,915	2,325	1,580	.....	15,230
11	Number of mature mules.....	4	1,394	2	2	15	17	10	.....	128
<b>Swine:</b>										
12	Total number.....	137	2,399	161	159	562	121	73	102	1,024
13	Value.....dollars..	1,287	13,873	1,292	1,506	3,365	812	533	747	9,302
<b>Sheep and goats:</b>										
14	Total number.....	6	54	2	44	107	.....	4	10	64
15	Value.....dollars..	23	266	7	199	380	.....	30	40	249

		Jackson.	Jefferson.	Kanawha.	Lewis.	Lincoln.	Logan.	McDowell.	Marion.	Marshall.
1	Inclosures reporting domestic animals.....	233	838	3,322	153	149	349	2,185	971	507
2	Value of domestic animals.....dollars..	20,558	114,140	477,084	50,281	53,565	45,822	322,652	215,935	116,939
<b>Cattle:</b>										
3	Total number.....	182	553	4,204	139	322	700	2,067	916	361
4	Value.....dollars..	5,976	18,085	135,588	4,423	10,777	10,450	73,098	39,405	12,187
5	Number of dairy cows.....	140	464	3,006	113	124	380	1,628	788	333
<b>Horses:</b>										
6	Total number.....	191	764	1,071	317	213	95	308	1,111	650
7	Value.....dollars..	21,513	84,301	201,135	43,080	32,515	10,030	59,055	157,591	90,761
8	Number of mature horses.....	189	728	1,052	313	213	95	305	1,102	636
<b>Mules and asses and burros:</b>										
9	Total number.....	3	40	1,072	17	67	82	1,276	127	45
10	Value.....dollars..	700	3,445	132,972	1,855	8,715	12,825	172,357	14,304	6,909
11	Number of mature mules.....	2	37	1,044	11	60	83	1,275	127	45
<b>Swine:</b>										
12	Total number.....	178	1,289	2,679	93	221	488	2,059	496	145
13	Value.....dollars..	1,359	8,080	18,138	855	1,541	2,605	17,164	4,227	1,177
<b>Sheep and goats:</b>										
14	Total number.....	2	40	23	13	9	1	13	51	69
15	Value.....dollars..	10	229	151	68	17	3	78	348	214

		Mason.	Mercer.	Mineral.	Mingo.	Monongalia.	Monroe.	Morgan.	Nicholas.	Ohio.
1	Inclosures reporting domestic animals.....	234	1,001	430	602	606	115	280	118	766
2	Value of domestic animals.....dollars..	32,992	155,497	52,664	121,026	102,071	29,595	28,731	33,730	260,087
<b>Cattle:</b>										
3	Total number.....	227	1,197	420	951	589	155	147	215	298
4	Value.....dollars..	7,388	44,426	13,794	25,088	19,101	4,544	4,028	7,051	10,729
5	Number of dairy cows.....	177	939	314	641	464	107	123	153	244
<b>Horses:</b>										
6	Total number.....	184	465	267	187	630	171	170	155	1,788
7	Value.....dollars..	21,318	64,068	32,209	25,650	77,330	20,385	18,675	21,630	242,876
8	Number of mature horses.....	179	468	263	185	621	164	164	155	1,788
<b>Mules and asses and burros:</b>										
9	Total number.....	23	371	30	495	27	24	12	30	86
10	Value.....dollars..	2,875	42,395	4,110	67,065	3,100	3,575	1,860	3,800	12,340
11	Number of mature mules.....	23	367	30	478	26	24	12	30	88
<b>Swine:</b>										
12	Total number.....	161	794	264	514	256	170	595	136	78
13	Value.....dollars..	1,378	5,568	2,461	3,207	2,379	920	4,030	945	697
<b>Sheep and goats:</b>										
14	Total number.....	12	9	.....	7	29	34	30	68	7
15	Value.....dollars..	33	30	.....	16	161	141	138	364	45

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

	Pendleton.	Pleasants.	Pocahontas.	Preston.	Putnam.	Raleigh.	Randolph.	Ritchie.	Roane.	Summers.	
1	Inclousures reporting domestic animals...	108	199	317	521	381	1,121	686	425	258	205
2	Value of domestic animals.....dollars..	16,160	28,342	69,801	83,921	43,073	170,693	177,075	69,724	53,991	30,847
	<b>Cattle:</b>										
3	Total number.....	157	187	419	504	399	1,628	734	415	291	192
4	Value.....dollars..	4,273	5,087	14,057	17,515	12,628	51,914	27,537	13,302	10,499	6,422
5	Number of dairy cows.....	107	165	319	410	315	1,217	634	340	251	156
	<b>Horses:</b>										
6	Total number.....	81	174	340	483	109	407	842	440	274	143
7	Value.....dollars..	9,450	21,615	51,984	60,206	19,765	58,275	138,130	52,378	40,910	21,000
8	Number of mature horses.....	78	170	338	476	101	400	839	481	271	143
	<b>Mules and asses and burros:</b>										
9	Total number.....	11	.....	3	33	60	429	20	17	10	12
10	Value.....dollars..	1,320	.....	350	3,905	9,020	52,685	3,755	1,850	1,400	1,960
11	Number of mature mules.....	10	.....	3	33	60	427	20	16	10	11
	<b>Swine:</b>										
12	Total number.....	100	102	383	268	308	1,400	781	270	110	197
13	Value.....dollars..	473	1,040	2,632	2,172	2,550	7,599	7,476	2,093	1,182	1,452
	<b>Sheep and goats:</b>										
14	Total number.....	174	.....	178	13	2	79	38	.....	.....	6
15	Value.....dollars..	650	.....	778	63	10	220	177	101	.....	13

	Taylor.	Tucker.	Tyler.	Upshur.	Wayne.	Webster.	Wetzel.	Wirt.	Wood.	Wyoming.	
1	Inclousures reporting domestic animals...	281	556	375	270	251	277	666	169	807	35
2	Value of domestic animals.....dollars..	43,866	95,861	75,793	45,659	24,725	31,854	106,601	12,714	167,439	17,817
	<b>Cattle:</b>										
3	Total number.....	107	567	318	338	369	328	785	107	684	92
4	Value.....dollars..	7,067	22,759	10,166	11,393	10,605	10,416	25,049	3,667	22,764	4,762
5	Number of dairy cows.....	171	501	266	255	264	251	604	64	603	26
	<b>Horses:</b>										
6	Total number.....	205	466	475	220	85	125	596	80	904	39
7	Value.....dollars..	35,552	68,672	62,830	31,230	9,655	17,490	74,260	8,002	127,125	6,040
8	Number of mature horses.....	289	464	471	220	82	122	584	76	978	39
	<b>Mules and asses and burros:</b>										
9	Total number.....	3	15	7	12	32	14	17	2	106	51
10	Value.....dollars..	225	1,925	1,000	1,800	3,515	2,150	1,055	105	13,975	6,000
11	Number of mature mules.....	2	14	7	12	31	14	15	1	106	51
	<b>Swine:</b>										
12	Total number.....	103	247	205	160	181	282	387	44	423	82
13	Value.....dollars..	987	2,346	1,793	1,169	1,480	1,542	3,597	840	3,433	415
	<b>Sheep and goats:</b>										
14	Total number.....	8	20	1	2	23	42	25	.....	38	.....
15	Value.....dollars..	35	159	4	7	70	255	130	.....	142	.....



# WISCONSIN.

## FARMS AND FARM PROPERTY.

Wisconsin ranks twenty-fourth in area and thirteenth in population among the states of continental United States. The state occupies a central position in the extreme northern portion of the low plateau which constitutes the northern part of the Mississippi Valley. The lowest elevations in the state are found along the shores of Lakes Michigan and Superior, where the land surface lies at altitudes approximately 600 feet above tide level. From the shore of Lake Michigan the surface of the state rises gently westward and northwestward, attaining altitudes of 1,000 feet above sea level in the central counties and of 1,500 feet or more in the counties immediately south of Lake Superior.

The surface topography of the southwestern portion of the state adjacent to the Mississippi River is somewhat dissected and rough, but the greater part of Wisconsin consists of a rolling to nearly level plateau region of little variation in relief and with a narrow range in altitude. Approximately one-half of the area of the state lies below 1,000 feet above tide, while the greater part of the remainder is included between 1,000 feet and 1,500 feet above the sea. The highest elevations are to be found in the extreme northern part of the state adjacent to the boundary with the northern peninsula of Michigan.

By far the largest portion of the state drains into the Mississippi River, but a small portion in the northern part drains into Lake Superior and a small portion of the eastern section drains into Lake Michigan.

The present surface features and the soils of the greater part of the state owe their origin to the repeated glaciation of all but the extreme southwestern counties. Previous irregularities of surface topography have been equalized, and the present smoother surface of the state has resulted from the glacial erosion of the higher ridges and the partial or complete filling of old depressions by deep deposits of the glacial debris. All classes of rocks from the oldest granites and gneisses to the more recent sandstones and limestones have thus been mingled in the thick coating of glacial till which covers all of the eastern and northern portions of the state to depths varying from 2 or 3 feet to depths of 200 feet. A wide variety of fertile upland soils has thus been given broad distribution over the glaciated portion of the state.

In connection with the actual ice invasion, and particularly with the recession of the ice sheet, deposits of glacial lake sediments were formed along the shores of Lake Superior and Lake Michigan and in the depressions which extend southwestward from the head of

Green Bay to the center of Fond du Lac County. These sediments are the fine-grained silts and clays deposited in the waters of lakes, since naturally drained, and they constitute excellent farm lands.

The southwestern counties of the state escaped glaciation and there is a considerable area within which the soils have been chiefly formed from the underlying sandstones, shale, and limestone rocks through surface weathering. A part of this driftless area, immediately along the eastern bank of the Mississippi River, has been covered by a deposit of wind-blown silt, known as the loess, from which large areas of brown or yellow silty loam soils have been formed.

In the extreme northern portion of the state and around the eastern border of the driftless area there are extensive areas of sandy and sandy loam soils which were deposited from the large streams flowing out from the margin of the ice when the main portion of the state was still glaciated. Similar sandy terraces extend far to the southward along the larger streams in the form of terraces lying at various altitudes above the present stream levels. They usually merge into broad stream terraces and plains, near the Illinois line, occupied by fertile silty loam soils.

Owing to the diversity of processes by which Wisconsin soils have been formed and to the wide range in the characteristics of the original mineral material from which they are directly or indirectly derived there is a great diversity in the soils of the state. Not only do the different main regions differ one from another, but even within the same general district there is a considerable range in the character of the most important soils.

In the glaciated plateau section of eastern and central Wisconsin the uplands are chiefly occupied by loam, silt loam, and clay loam soils, suited to the production of grass and grain. In this region dairying is an important industry, and corn, oats, barley, and rye are the principal grain crops. In central Wisconsin, in addition to the grass and grain, potatoes are extensively grown and clover seed constitutes an important crop. In southern Wisconsin upon the glacial soils, the stream terraces, and even in the driftless area, binder tobacco constitutes an important sale crop.

Associated with the heavier glacial soils there are extensive areas of sandy and sandy loam outwash soils which are coming to be used for general farming purposes and for the growing of potatoes and of clover

seed. These are found in the central and northern portion of the state in great abundance. Much of this land, formerly heavily forested, is becoming available for general and special farming as cut-over lands.

The heavy clay loams and clays of the glacial lake soils are successfully farmed for the production of clover, timothy, the small grains, and peas. Along the southern shore of Lake Superior the higher-lying loams and sandy loams are being planted to apple orchards within the belt favorably influenced by the presence of the lake waters.

Many stony ridges and areas of porous sand are to be found in the northern part of the state and these do not constitute agricultural soils. There are also considerable tracts of swampy and mucky land which are being drained for the production of cranberries, and other special crops and which should constitute the basis for the production of celery, onions, and cabbages. The center of cranberry production is, however, still in the central part of the state.

In southwestern Wisconsin the loam and silty loam soils derived from the underlying rocks constitute good general farming soils and some tobacco is also grown. The tobacco area now extends north along the western part of the state as far as Dunn, Chippewa,

and Barron Counties. The soils derived from the loess are brown or yellow silty loams well suited to grain and grass production and also furnishing opportunities for ample orcharding.

The soils of Wisconsin are extremely diverse in their origin, inherent characteristics, and crop adaptations, and are, very generally, well suited for agricultural occupation. Considerable areas of unoccupied land are still available for agricultural uses.

The two maps on the opposite page bring out in a striking manner certain differences between the two parts of the state. One map calls attention to the fact that over 90 per cent of the land area has been converted into farms in all but one of the southern and southeastern counties, while in the northern counties less than 25 per cent of the land area, and in the case of five counties less than 10 per cent, has been so utilized. The relatively low prices of the land in the northern part of the state are shown by the other map, which gives the values per acre of farm land.

Progress during the decade 1900 to 1910.—The following table summarizes the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900.

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE.	
			Amount.	Per cent.
Population .....	2,333,860	2,069,042	264,818	12.8
Number of all farms .....	177,127	169,795	7,332	4.3
Approximate land area of the state.....acres..	35,363,840	35,363,840		
Land in farms.....acres..	21,060,066	19,862,727	1,197,339	6.0
Improved land in farms.....acres..	11,907,606	11,246,972	660,634	5.9
Average acres per farm.....	118.9	117.0	1.9	1.6
Value of farm property:				
Total.....	\$1,413,118,785	\$811,712,319	\$601,406,466	74.1
Land.....	911,938,261	530,542,690	381,395,571	71.9
Buildings.....	289,694,462	155,604,970	134,089,492	86.2
Implements and machinery.....	52,956,579	29,237,010	23,719,569	81.1
Domestic animals, poultry, and bees.....	158,529,483	96,327,649	62,201,834	64.6
Average value of all property per farm.....	\$7,978	\$4,781	\$3,197	66.9
Average value of land per acre.....	\$43.30	\$26.71	\$16.59	62.1

During the 10 years the increase in population slightly exceeded a quarter of a million, and the number of farms increased 7,332. During the same period there was an increase of nearly 1,200,000 acres of farm land, and an increase of more than 660,000 acres in improved land. The increases last mentioned were accompanied, however, by an increase of only 1.9 acres in the average size of farms. It should be noted that during the decade the percentage of increase in population was three times that in the number of farms and twice that in the acres of farm land.

Farm property, which includes land, buildings, implements, machinery, and live stock (domestic animals, poultry, and bees), has increased in value during the decade 74.1 per cent, or more than \$601,000,000. This rate of increase is over twelve times that of farm

acreage. The great increase in the total value of farm property was chiefly due to the advance of \$381,396,000 in the value of land. This increase was associated with an increase of over \$134,000,000 in the value of farm buildings, and nearly \$86,000,000 in that of farm equipment, including implements, machinery, and live stock. Of the increase last mentioned, two-thirds represents a change in the value of domestic animals, poultry, and bees and one-third the increase in the value of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The average value of a fully equipped farm in 1900 was slightly less than \$4,800, while 10 years later it was about \$8,000. The average value of land rose

from \$26.71 per acre in 1900 to \$43.30 in 1910, and was accompanied by other changes in the average value of farm implements and of domestic animals, poultry, and bees, notably in that of horses and mules.

**Population, number of farms, and farm acreage: 1850 to 1910.**—The table following gives statistics for the state, by decades, from 1850 to 1910, inclusive. It includes a statement for each census year of the total population, the number of farms, the acres of all farm land and of improved land in farms, the per cent of the land area which is in farms, and the per cent of farm land improved; also the per cent of increase during each decade in the number of farms and 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.	All land.		Improved land (acres).		
				Acres.	Per cent of increase.			
1910....	2,333,860	177,127	4.3	21,060,066	6.0	11,907,606	56.6	56.5
1900....	2,060,042	169,795	16.0	19,832,727	18.3	11,246,972	56.2	56.0
1890....	1,693,330	146,400	9.0	16,787,988	9.3	9,793,931	47.5	58.3
1880....	1,315,497	134,322	30.5	15,353,118	31.1	9,192,528	43.4	59.7
1870....	1,054,670	102,904	48.6	11,715,321	48.4	5,899,343	33.1	50.4
1860....	775,881	69,270	243.3	7,893,587	165.2	3,746,167	22.3	47.5
1850....	305,391	20,177	.....	2,976,658	.....	1,045,400	8.4	35.1

The population increased during every decade since 1850, but a smaller increase took place during the decade 1900 to 1910 than for any other, except that from 1870 to 1880.

There was a very rapid increase in the number of farms from 1850 to 1880, the total number increasing 114,145 during the 30-year period. During the 30 years from 1880 to 1910, however, the number increased only 42,805, or an average of 1,427 per year. The average increase during the decade 1900 to 1910 was still smaller, being 733. In fact, in many counties in the southern part of the state the number of farms actually decreased, but this was offset by the opposite movement in the northern part of the state.

The land surface of Wisconsin is approximately 35,363,840 acres. Of this area, 21,060,066 acres, or 59.6 per cent, were included in farms in 1910. The total acreage of farm land increased 6 per cent during the last decade. Of the farm acreage in 1910, 11,907,606 acres, or 56.5 per cent, were reported as improved land, representing 33.7 per cent of the total land area of the state. The improved land increased from 1900 to 1910 by almost exactly the same percentage as the total acreage of farms, the per cent of farm land improved being substantially the same at both census years.

The table given above shows the very rapid increase from 1850 to 1880 in the total farm acreage and in the acreage of improved land. The proportion of the total land area of the state which was occupied by farms rose during this period from 8.4 per cent to 43.4 per

cent, while the improved land increased from 35.1 to 59.7 per cent of the total land in farms. Since 1880 the increase in the acreage of all farm land and of improved land has been much slower. In fact, the proportion of the farm land which was improved was larger in 1880 than at any succeeding census. Since that time a large amount of woodland and other unimproved land has been incorporated in new farms in the northern part of the state.

**Values of farm property: 1850 to 1910.**—The agricultural progress of Wisconsin since 1850, as reflected in the values of the several classes of farm property, is shown in the table which follows.

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910....	\$1,413,118,785	74.1	\$1,201,032,723	75.1	\$52,956,579	81.1	\$158,520,483	84.6
1900....	811,712,310	44.8	680,147,060	43.7	20,237,010	62.5	96,327,649	51.0
1890....	560,475,804	33.5	477,524,507	33.9	19,167,010	22.5	63,784,377	37.1
1880....	410,865,340	45.8	357,709,507	48.8	15,647,190	37.4	46,508,653	28.3
1870 <sup>1</sup> ....	287,071,447	80.2	240,331,251	83.3	11,391,491	97.8	36,248,705	103.6
1860....	154,083,380	341.1	131,117,164	550.0	5,758,847	250.8	17,807,375	203.6
1850....	35,067,510	.....	28,528,503	.....	1,641,508	.....	4,897,889	.....

<sup>1</sup> Computed gold values, being 80 per cent of the currency values reported.

In 1910 the total wealth in the form of farm property was \$1,413,119,000, of which 85 per cent was represented by land and buildings, 3.7 per cent by implements and machinery, and 11.2 per cent by domestic animals, poultry, and bees. The gain (74.1 per cent) in the total value from 1900 to 1910 was a greater relative increase than has taken place in any other decade since 1870, while the actual amount of the gain (\$601,406,000) is more than double the greatest increase reported for any previous decade. Of the total increase during the past decade, \$515,485,000 represents the increase in the value of land and buildings, \$23,720,000 the increase in implements and machinery, and \$62,202,000 the increase in domestic animals, poultry, and bees.

**Average acres and values per farm: 1850 to 1910.**—The changes which have taken place during the past 60 years in the average acreage of Wisconsin farms and 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.....	118.0	\$7,078	\$6,784	\$200	\$895	\$57.06
1900.....	117.0	4,781	4,041	172	667	34.54
1890.....	114.7	3,893	3,262	131	430	28.44
1880.....	114.3	3,120	2,603	116	340	23.30
1870 <sup>2</sup> ....	113.8	2,708	2,335	111	352	20.51
1860.....	114.0	2,233	1,893	83	257	16.61
1850.....	147.5	1,738	1,414	81	243	9.58

<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 Wisconsin farm has shown marked uniformity for the 50 years since 1860, the increase during that time being nearly 5 acres. The average size was much larger in 1850 than it has been since that date. There was a pronounced decrease between 1850 and 1860, followed by a slight decrease during the next 10 years, since which time there has been a small, steady increase. Between 1900 and 1910 there was an increase of approximately 2 acres.

As previously noted, the average value of the Wisconsin farm, including its equipment, has grown during the last decade from a little less than \$4,800 to approximately \$8,000. Of this \$8,000 almost \$6,800 is in the form of land and buildings, about \$900 in domestic animals, poultry, and bees, and \$300 in implements and machinery. The average value has increased continuously since 1850. The value of land and buildings has increased \$22.52 per acre during the last decade, a greater amount than for any preceding 20 years. The value of implements and machinery and of domestic animals, poultry, and bees per farm is nearly four times as great as 60 years ago.

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

TENURE.	1910	1900	1890	1880
Number of all farms .....	177,127	160,795	146,409	134,322
<b>Farms operated by owners and managers.....</b>	<b>152,478</b>	<b>146,789</b>	<b>129,681</b>	<b>122,168</b>
Farms consisting of owned land only .....	140,528	137,675	( <sup>1</sup> )	( <sup>1</sup> )
Farms consisting of owned and hired land.....	10,494	7,733	( <sup>1</sup> )	( <sup>1</sup> )
Farms operated by managers.....	1,451	1,391	( <sup>1</sup> )	( <sup>1</sup> )
<b>Farms operated by tenants.....</b>	<b>24,654</b>	<b>22,996</b>	<b>16,728</b>	<b>12,159</b>
Share tenants.....	11,238	12,747	9,510	8,440
Share-cash tenants <sup>2</sup> .....	658			
Cash tenants.....	10,629	10,240	7,200	3,710
Tenure not specified <sup>3</sup> .....	2,129			
Percent of farms operated by—				
Owners and managers.....	86.1	86.5	88.6	90.9
Tenants.....	13.9	13.5	11.4	9.1
Share and share-cash.....	6.7	7.5	6.5	6.3
Cash and nonspecified.....	7.2	6.0	4.9	2.8

<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.

It is significant that of the total increase (7,332) in the number of farms during the decade (1900-1910), there was an increase of 5,674 in the class of owners and managers, and 1,658 in the class of tenants.

In 1880 nine out of each hundred farms were operated by tenants. Tenancy has been gaining on ownership for 30 years, until in 1910 fourteen out of each hundred farms were so operated, but during the decade (1900-1910) the increase in tenancy was slight.

Throughout the 30-year period cash tenancy has been gaining slowly on share tenancy, and now (1910) for the first time exceeds it. The farms rented for cash in 1910 represented 7.2 per cent of the total, and those for a share 6.7 per cent. An actual decrease has occurred during the last decade in the number of farms operated by share tenants.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>21,060,060</b>	<b>19,862,727</b>	<b>11,907,606</b>	<b>11,246,972</b>	<b>\$1,201,632,723</b>	<b>\$686,147,660</b>
Owners.....	17,300,150	16,014,181	9,026,706	9,155,914	932,917,179	543,455,270
Managers.....	355,133	331,343	155,152	152,240	24,605,725	14,230,040
Tenants.....	3,335,777	2,917,203	2,125,748	1,938,818	224,109,819	128,461,750

The following table shows the per cent distribution by tenure groups of the items presented 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.....	85.3	85.6	82.5	83.6	80.8	81.4	79.3	79.2
Managers.....	0.8	0.8	1.7	1.7	1.3	1.4	2.0	2.1
Tenants.....	13.9	13.5	15.8	14.7	17.9	17.2	18.7	18.7

It will be seen that, in 1910, 82.5 per cent of all land in farms was in farms operated by their owners (including part owners), 1.7 per cent in farms operated by managers, and 15.8 per cent in farms operated by tenants, the percentage in farms operated by owners showing a decrease and that in tenant farms an increase as compared with 1900, while the percentage in farms operated by managers remained the same.

As shown by the table below, the average size of farms operated by managers in 1910 (244.8 acres) was much greater than that of farms operated by tenants (135.3 acres), which was in turn larger than that of farms operated by owners (115 acres). The average size of farms in each class increased between 1900 and 1910, the greatest increase being that in tenant farms. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for farms operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		PER CENT OF FARM LAND IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
<b>Total.....</b>	<b>118.9</b>	<b>117.0</b>	<b>67.2</b>	<b>66.2</b>	<b>56.5</b>	<b>56.6</b>	<b>\$0,784</b>	<b>\$4,041</b>	<b>\$57.00</b>	<b>\$34.54</b>
Owners.....	115.0	114.3	63.7	63.0	55.4	55.1	6,310	3,737	54.80	32.71
Managers.....	244.8	238.2	106.0	109.4	43.7	45.0	16,958	10,231	69.29	42.95
Tenants.....	135.3	126.0	86.2	84.3	63.7	66.5	9,090	6,580	67.18	44.04

**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, <sup>2</sup>		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.....	151,022		145,996		128,913	
Free from mortgage.....	72,941	48.6	77,490	54.2	73,671	57.1
Mortgaged.....	77,129	51.4	65,589	45.8	55,242	42.9
Unknown.....	952		2,917			

<sup>1</sup> Includes all farms owned in whole or in part by the operator.  
<sup>2</sup> The 2,376 "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."

According to the foregoing figures the relative number of farm homes or farms operated by their owners which are mortgaged has increased quite regularly since 1890. From 1890 to 1910 the number increased 21,887, or 39.6 per cent. During the same time the increase in the total number of farms in the state was 21 per cent.

In 1910 mortgage indebtedness was reported for 77,129 farms, though for a considerable number of these the amount of the debt was not stated. Of the total number (77,129) reporting debt, only 69,398 reported the amount of the debt together with the value of the farms. In this connection it should be noted that in 1890 there were many imperfect mortgage reports. At that time the amount of mortgage debt for farms without full reports was estimated according to the percentages and averages obtained from those with complete reports. No such estimate is here made for 1910.

The next table gives a comparative statement of the value of mortgaged farms operated by their owners, 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. No attempt was made to secure such information in 1900.

During the 20 years (1890-1910) covered by the preceding table the average per farm of value, debt, and owner's equity all more than doubled. This was

an increase of about \$3,100 in value, of \$1,100 in debt, and of \$2,000 in the equity. The mortgage indebtedness was just one-third the value of the farms in 1890, while the proportion was 1 per cent greater in 1910.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 <sup>1</sup>	1890 <sup>2</sup>	Amount.	Per cent.
Number.....	69,398	55,242		
Value—Land and buildings.....	\$427,522,421	\$166,012,908		
Amount of mortgage debt.....	\$140,815,313	\$55,304,680		
Per cent of debt to value.....	34.3	33.3		
Average value per farm.....	\$6,160	\$3,005	\$3,155	105.0
Average debt per farm.....	\$2,116	\$1,001	\$1,115	111.4
Average equity per farm.....	\$4,044	\$2,004	\$2,040	101.8

<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 value of farms and amount of debt for all defective reports.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	177,127	160,795	7,332	4.3	100.0	100.0
Under 3 acres.....	273	948	-675	-71.2	0.2	0.6
3 to 9 acres.....	5,491	4,204	1,227	28.8	3.1	2.5
10 to 19 acres.....	4,883	4,810	567	13.1	2.8	2.5
20 to 49 acres.....	23,460	25,479	-2,019	-7.9	13.2	15.0
50 to 99 acres.....	54,007	52,590	1,417	2.7	30.5	31.0
100 to 174 acres.....	58,439	54,232	4,207	7.8	33.0	31.9
175 to 299 acres.....	20,196	18,171	2,025	11.1	11.4	10.7
300 to 499 acres.....	9,271	8,059	612	7.1	5.2	5.1
500 to 999 acres.....	906	991	-25	-2.5	0.5	0.6
1,000 acres and over.....	141	145	-4	-2.8	0.1	0.1

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

Attention is called to the fact that nearly two-thirds of all the farms in Wisconsin are between 50 and 175 acres in size. A comparison of the distribution of farms by size groups discloses the fact that the greatest relative gain in number from 1900 to 1910 was made in the "3 to 9 acres" group, though the greatest actual increase was in the "100 to 174 acres" group. The number of places "under 3 acres," where some agriculture is carried on, is reported as less than 10 years ago. This reduction may be due to a different interpretation by the enumerators as to what to include as a small farm, or may represent an actual decrease in that type of farm. Farms containing from "20 to 49 acres" have fallen off 2,019, or 7.9 per cent. The farms which fall between 50 to 499 acres, and which include the 80-acre, quarter, half, and three-quarter section farms, have increased 8,261, or 6.2 per cent. Farms which exceed 500 acres in size have fallen off 29, or 2.6 per cent.

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



10,647), and also the farms of between 175 and 499 acres (numbering 29,467).

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.....	21,060,066	19,862,727	11,907,606	11,246,972	\$1,201,632,723	\$686,147,600
Under 20.....	93,289	84,753	78,135	72,466	29,398,801	16,843,830
20 to 49.....	858,979	947,329	516,151	583,401	67,753,125	46,376,640
50 to 99.....	4,150,977	4,037,008	2,511,749	2,453,808	272,697,539	161,244,040
100 to 174.....	7,816,985	7,284,121	4,560,592	4,190,360	445,978,819	249,218,570
175 to 499.....	7,257,793	6,640,618	3,954,071	3,630,014	357,177,307	196,215,700
500 to 999.....	598,603	603,181	243,890	263,830	22,494,803	13,156,420
1,000 and over.....	283,440	264,817	43,012	53,033	6,132,329	3,004,400

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.....	0.0	5.6	0.4	0.4	0.7	0.6	2.4	2.5
20 to 49 acres.....	13.2	15.0	4.1	4.8	4.3	5.2	5.0	6.8
50 to 99 acres.....	30.5	31.0	19.7	20.3	21.1	21.8	22.7	23.5
100 to 174 acres.....	33.0	31.9	37.1	36.7	38.3	37.3	37.1	36.3
175 to 499 acres.....	16.6	15.8	34.5	33.4	33.2	32.3	20.7	28.0
500 to 999 acres.....	0.5	0.6	2.8	3.0	2.0	2.3	1.9	1.9
1,000 acres and over.....	0.1	0.1	1.3	1.3	0.4	0.5	0.5	0.5

Of the total farm acreage of the state in 1910, 37.1 per cent was in farms of 100 to 174 acres, and 34.5 per cent in farms of 175 to 499 acres, these two being from the standpoint of aggregate acreage the most important size groups. The proportion of the total acreage which was in farms of these two groups increased slightly between 1900 and 1910, while the proportion in smaller and in larger farms decreased slightly, except that in the smallest farms, those of under 20 acres, and in the largest, those of 1,000 acres and over, the proportion remained the same.

In general, as shown by the next table, the percentage of farm land improved diminishes as the size of the farms increases. For this reason and also because buildings have normally a higher value in proportion to farm acreages 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.

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,

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.....	56.5	56.6	\$6,784	\$4,041	\$57.06	\$34.54
Under 20 acres.....	83.8	85.5	2,761	1,768	315.14	198.74
20 to 49 acres.....	60.1	61.6	2,888	1,820	78.88	48.96
50 to 99 acres.....	60.5	60.8	5,049	3,066	65.69	39.93
100 to 174 acres.....	58.3	57.5	7,032	4,505	57.05	34.21
175 to 499 acres.....	54.5	54.7	12,121	7,313	49.21	29.55
500 to 999 acres.....	40.7	43.7	23,287	13,276	37.88	21.81
1,000 acres and over.....	15.2	20.0	43,492	21,341	21.64	11.69

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

COLOR AND NATIVITY.	FARM OPERATORS.								
	Total.		Owners.	Tenants.	Managers.	Per cent of total.			
	Number.	Per cent distribution.				Own-ers.	Ten-ants.	Man-agers.	
Total.....	177,127	100.0	151,922	24,654	1,451	85.3	13.9	0.8	
Native white.....	167,180	94.4	147,004	19,013	1,073	81.2	17.7	1.0	
Foreign-born white.....	69,356	39.2	63,379	5,603	374	91.4	8.1	0.5	
Negro and other nonwhite.....	591	0.3	549	38	4	92.9	6.4	0.7	

About three-fifths of Wisconsin farm operators were native whites and two-fifths foreign-born whites.

Only 591, or three-tenths of 1 per cent of all farmers, were other than whites in 1910. Of these, 541 were Indians; 48, negroes; 1, Japanese; and 1, Chinese. In 1900 there were reported 462 Indians not on reservations and 58 negroes.

It is significant that only 8.1 per cent of the foreign-born whites were tenants, whereas 17.7 per cent of the native whites were in this class.

Of the 69,356 foreign-born white farmers in Wisconsin in 1910, 30,479 were born in Germany; 11,485 in Norway; 5,053 in Sweden; 4,427 in Austria; 3,260 in Denmark; 2,822 in Canada; 2,290 reported their country of birth as Poland, without specifying whether it was Austrian, German, or Russian Poland; 1,704 were born in Ireland; 1,578 in England; 1,332 in Holland; and 1,274 in Switzerland. Other European countries were represented by a total of 3,557 farmers, and non-European countries, other than Canada, by 95.

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 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.....	171,023	96.6	.....	\$153,700,250	.....
<b>Cattle.....</b>	<b>165,600</b>	<b>93.5</b>	<b>2,680,074</b>	<b>67,475,224</b>	<b>\$25.18</b>
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	164,650	92.9	1,473,505	50,910,735	34.55
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	51,898	29.3	173,152	3,934,437	22.72
Heifers born in 1909.....	111,573	63.0	351,124	4,897,597	13.95
Calves born after Jan. 1, 1910.....	113,601	64.2	449,489	2,677,251	5.96
Steers and bulls born in 1909.....	53,636	30.3	138,289	2,053,180	14.85
Steers and bulls born before Jan. 1, 1909.....	39,654	22.4	94,515	3,002,024	31.76
<b>Horses.....</b>	<b>160,577</b>	<b>90.7</b>	<b>614,654</b>	<b>68,585,505</b>	<b>111.58</b>
Mares, stallions, and geldings born before Jan. 1, 1909.....	160,200	90.4	562,220	65,460,540	116.43
Colts born in 1909.....	35,482	20.0	46,437	2,627,926	63.05
Colts born after Jan. 1, 1910.....	5,299	3.0	5,997	197,030	32.85
<b>Mules.....</b>	<b>1,545</b>	<b>0.9</b>	<b>2,872</b>	<b>316,066</b>	<b>110.05</b>
Mules born before Jan. 1, 1909.....	1,388	0.8	2,599	290,031	115.06
Mule colts born in 1909.....	106	0.1	246	15,195	65.83
Mule colts born after Jan. 1, 1910.....	22	( <sup>1</sup> )	27	840	31.11
<b>Asses and burros.....</b>	<b>119</b>	<b>0.1</b>	<b>190</b>	<b>13,795</b>	<b>70.38</b>
<b>Swine.....</b>	<b>125,171</b>	<b>70.7</b>	<b>1,809,331</b>	<b>13,620,741</b>	<b>7.53</b>
Hogs and pigs born before Jan. 1, 1910.....	119,222	67.3	894,920	11,510,224	12.86
Pigs born after Jan. 1, 1910.....	60,349	34.1	914,402	2,110,517	2.31
<b>Sheep.....</b>	<b>30,040</b>	<b>17.0</b>	<b>929,783</b>	<b>3,609,652</b>	<b>3.95</b>
Ewes born before Jan. 1, 1910.....	29,234	16.5	588,628	2,982,554	5.07
Rams and wethers born before Jan. 1, 1910.....	11,459	6.5	39,911	219,932	5.51
Lambs born after Jan. 1, 1910.....	21,153	11.9	301,244	467,166	1.55
<b>Goats.....</b>	<b>863</b>	<b>0.5</b>	<b>4,875</b>	<b>19,267</b>	<b>3.95</b>

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

Of all the farms in the state, 93.5 per cent reported cattle of some sort, 92.9 per cent "dairy cows," and only 29.3 per cent "other cows." Thus less than 1 per cent of the farms had cattle without having dairy cows.

The farms reporting dairy cows show an average of 9 per farm. The census of 1900 was taken as of June 1, after all the spring calves were born; while that of 1910 was taken as of April 15, before the close of the calving season, and when the calves on hand were on the average younger than at the enumeration of 1900. As a result the calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 623,343 to 449,489, and the average value decreasing from \$6.59 to \$5.96. On the other hand, the number of all cows materially

increased during the decade, while the average value of dairy cows increased from \$29.69 to \$34.55.

Horses were reported by 90.7 per cent of all farms in the state, but only 20 per cent reported colts born in 1909, and 3 per cent reported spring colts. The average value of spring colts was about one-half that of yearling colts, and the yearlings were worth slightly more than one-half as much as mature horses, which averaged \$116.43 in value.

Less than one farm out of every hundred reported mules, mule colts, asses, or burros. The average value of mules of the different ages was almost exactly the same as for horses of the same age groups.

Sheep and lambs were reported from 30,040 farms, or 17 per cent of all farms in the state. Of the farms reporting sheep and lambs, 70.4 per cent reported spring lambs, the number of the latter being equal to 51.2 per cent of the number of ewes; this comparatively small proportion was doubtless due to the early date of enumeration. Ewes were reported on all but 806 of the farms reporting sheep, and for the farms reporting the average was 20 ewes per farm. Those reporting rams and wethers showed an average of over 3 per farm.

Of all farms, 70.7 per cent reported swine, and showed an average of 14 per farm. The average value of mature pigs and hogs was nearly \$13, while spring pigs were reported at about one-sixth of this amount.

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Percent of all farms.			
<b>Total.....</b>	<b>163,107</b>	<b>92.1</b>	<b>9,433,110</b>	<b>\$4,468,703</b>	<b>8,447,544</b>
Chickens.....	163,043	92.0	9,142,719	4,180,712	8,097,399
Turkeys.....	15,764	8.9	65,020	109,005	155,121
Ducks.....	10,434	6.3	61,180	42,392	62,800
Geese.....	25,287	14.3	93,782	121,341	192,224
Guinea fowls.....	2,750	1.6	10,595	4,833	( <sup>1</sup> )
Pigeons.....	3,380	1.9	59,777	9,055	( <sup>2</sup> )
Poufowls.....	21	( <sup>3</sup> )	37	105	( <sup>3</sup> )

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

The increase reported in the number of fowls on Wisconsin farms during the 10 years from 1900 to 1910 amounted to 11.7 per cent, but the increase in value was 85.4 per cent. The number of farms reporting poultry increased from 156,171 to 163,107, and the average number of fowls per farm reporting from 54 to 58. 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.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees decreased from 10,535 in 1900 to 10,391 in 1910, or 1.4 per cent. The colonies of bees reported decreased from 106,090 to 95,638, or 9.9 per cent, and their value from \$377,105 to \$360,530 or

4.4 per cent. The decrease in the number of colonies and value of bees was greater relatively than that in the number of farms reporting bees. Less than six farms in every hundred reported 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.
<b>Total</b> .....	56,415	.....	<b>\$13,087,169</b>	.....
All cattle.....	24,100	42,015	1,357,519	\$52.31
Dairy cows.....	23,730	31,421	1,217,115	38.74
Horses.....	42,010	89,452	11,474,828	128.28
Mules.....	207	845	127,594	151.00
Asses and burros.....	55	66	4,011	60.77
Swine.....	3,575	10,856	104,066	9.69
Sheep.....	141	3,449	16,129	4.68
Goats.....	401	675	3,012	4.46

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

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

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Num-ber.	Value.	Num-ber.	Value.	Num-ber.	Value.
<b>Total</b> .....	.....	<b>\$166,787,400</b>	.....	<b>\$153,700,250</b>	.....	<b>\$13,087,150</b>
All cattle.....	2,722,089	68,832,743	2,680,074	67,475,224	42,015	1,357,519
Dairy cows.....	1,504,026	52,127,850	1,473,505	50,910,735	31,421	1,217,115
Horses.....	704,106	80,060,333	614,654	68,535,505	89,452	11,474,828
Mules.....	3,717	443,000	2,872	316,006	845	127,594
Asses and burros.....	262	17,806	196	13,795	66	4,011
Swine.....	1,820,187	13,724,807	1,809,331	13,020,741	10,856	104,066
Sheep.....	933,232	3,685,781	929,783	3,008,052	3,449	16,129
Goats.....	5,550	22,279	4,875	19,207	675	3,012

The total value of all domestic animals in the state in 1910 was \$166,787,000, of which the value of animals not on farms represented 7.8 per cent.

**LIVE STOCK PRODUCTS.**

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

**Dairy products: 1909 and 1899.**—The number of farms reporting dairy cows on April 15, 1910, was 164,550, but only 155,150 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 109,262 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 1,013,000. The amount of milk reported was 458,328,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 453 gallons per cow. In considering this average, how-

ever, 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.	
	Num-ber.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	164,550	92.9	1,473,506	Head.	.....	.....
On farms reporting dairy products in 1909.....	155,150	87.0	1,427,801	Head.	.....	.....
On farms reporting milk produced in 1909.....	109,262	61.7	1,012,703	Head.	.....	.....
Specified dairy products, 1909:						
Milk reported.....	.....	.....	458,327,040	Gals.	.....	.....
Butter made.....	70,918	40.0	27,200,509	Lbs.	\$7,101,237	\$0.26
Cheese made.....	413	0.2	841,262	Lbs.	105,789	0.13
Milk sold.....	58,093	33.1	297,251,000	Gals.	28,640,661	0.10
Cream sold.....	14,570	8.2	7,142,970	Gals.	4,548,150	0.64
Butter fat sold.....	46,341	25.6	48,248,040	Lbs.	13,472,182	0.28
Butter sold.....	33,987	19.2	16,737,895	Lbs.	4,473,108	0.27
Cheese sold.....	334	0.2	821,420	Lbs.	104,199	0.13
Total receipts from sales, 1909.....	.....	.....	.....	.....	51,238,399	.....
Total value of milk, cream and butter fat sold and butter and cheese made, 1909.....	.....	.....	.....	.....	53,868,028	.....
Specified dairy products, 1899:						
Butter made.....	105,772	62.3	44,739,147	Lbs.	.....	.....
Cheese made.....	938	0.6	1,635,618	Lbs.	.....	.....
Butter sold.....	.....	.....	26,931,737	Lbs.	4,508,775	0.17
Cheese sold.....	.....	.....	1,588,575	Lbs.	135,038	0.09

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 \$53,868,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About two-thirds of the milk produced in Wisconsin in 1909 was sold as such. A large quantity of milk and cream was sold on the butter fat basis. The butter made on farms in 1909 was valued at \$7,101,000.

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

**Wool: 1909 and 1899.**—The 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.....	30,200	628,530			
Wool produced, as reported, 1909.....	24,820		587,035	4,261,095	\$1,140,978
On farms reporting sheep April 15, 1910.....	23,615	537,181	550,705	4,007,008	1,083,085
On other farms.....	1,205		30,330	254,087	60,893
Total production of wool (partly estimated):					
1909.....			644,363	4,688,477	1,267,285
1899.....			1,005,000	7,224,733	1,401,270
Decrease, 1899 to 1909.....			360,637	2,536,256	163,985
Per cent of decrease.....			35.0	35.1	13.3

The total number of sheep of shearing age in Wisconsin on April 15, 1910, was 629,000, representing a decrease of 36.3 per cent as compared with the number on June 1, 1900 (986,000). The approximate production of wool during 1909 was 644,000 fleeces, weighing 4,688,000 pounds, and valued at \$1,267,000. Of these totals about 9 per cent represents estimates.

<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, 6,675 farmers who reported the possession of 91,353 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

The number of fleeces produced in 1909 was 35.9 per cent less than in 1899. The average weight per fleece in 1909 was 7.3 pounds, as compared with 7.2 pounds in 1899, and the average value per pound was 27 cents, as compared with 20 cents in 1899.

**Goat hair and mohair: 1909 and 1899.**—Although 863 farmers reported 4,875 goats and kids on their farms April 15, 1910, only 111 reported the production of goat hair or mohair during 1909. These farmers reported 1,104 fleeces, weighing 4,133 pounds and valued at \$1,082. 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.....	163,107	9,433,110		
On farms reporting eggs produced in 1909.....	151,252	9,002,786		
On other farms.....	11,855	430,324		
Eggs produced, as reported, 1909.....	162,000		48,241,082	\$9,078,383
Total production of eggs (partly estimated):				
1909.....			50,623,813	9,526,784
1899.....			46,249,580	4,854,020
Increase, 1899 to 1909.....			4,374,233	4,672,764
Per cent of increase.....			9.5	96.3
Eggs sold, as reported, 1909.....	134,215		32,208,836	6,066,971
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	142,560	8,727,482		
On other farms.....	20,547	705,628		
Poultry raised, as reported, 1909.....	144,508		No. of fowls.	4,305,541
Total poultry raised (partly estimated):				
1909.....			10,764,048	4,653,649
1899.....			3,308,427	3,308,427
Increase, 1899 to 1909.....			7,455,621	1,255,222
Per cent of increase.....			225.3	38.0
Fowls sold, as reported, 1909.....	90,097		3,859,884	1,046,780

The total number of fowls on Wisconsin farms on April 15, 1910, was 9,433,000. Of the 163,107 farms reporting fowls, 11,855 did not report any eggs produced in 1909, and 20,547 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 48,241,000 dozens, valued at \$9,078,000. According to the Twelfth Census reports, the production of eggs in 1899 was 46,250,000 dozens, the value being \$4,854,000. 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 50,624,000 dozens, valued at \$9,527,000. The total production

of poultry in 1909, including estimates made on the same basis as for eggs, was 10,765,000 fowls, valued at \$4,654,000.

**Honey and wax: 1909.**—Although, as noted elsewhere, 10,391 farms reported 95,638 colonies of bees on hand April 15, 1910, 3,535 of these farms, with 13,195 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 2,153,819 pounds of honey, valued at \$223,606, and 55,402 pounds of wax, valued at \$12,117; 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 \$42,242,000, and that of animals slaughtered on farms \$7,563,000, making an aggregate of \$49,805,000. 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 swine sold during 1909 represented somewhat less than one-half of the total value of animals sold, and the value of the cattle (including calves) sold was somewhat less than that of swine.

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 \$27,132,000 and \$5,407,000. 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 Wisconsin 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.....				\$42,242,000	
Slaughtered.....				7,563,000	
Calves:					
Sold.....	100,723	50.9	647,915	3,958,610	\$6.11
Slaughtered.....	28,716	16.2	93,167	537,698	5.77
Other cattle:					
Sold.....	90,924	51.3	417,796	13,054,374	31.25
Slaughtered.....	33,169	18.7	51,040	1,196,357	23.44
Horses:					
Sold.....	25,269	14.3	43,656	5,222,657	119.03
Mules:					
Sold.....	176	0.1	314	36,260	115.48
Asses and burros:					
Sold.....	14	( <sup>1</sup> )	28	2,274	81.21
Swine:					
Sold.....	88,056	49.7	1,389,717	18,052,991	12.99
Slaughtered.....	118,436	66.9	386,243	6,762,069	14.92
Sheep:					
Sold.....	16,130	9.1	397,284	1,910,100	4.81
Slaughtered.....	5,437	3.1	15,116	66,108	4.37
Goats:					
Sold.....	137	0.1	1,274	4,504	3.54
Slaughtered.....	38	( <sup>1</sup> )	147	581	3.63
1899—All domestic animals:					
Sold <sup>2</sup> .....				27,132,000	
Slaughtered.....				5,407,114	

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

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

CROPS.

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

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

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. <sup>1</sup>		1909	1899	1909	1899	Increase. <sup>1</sup>		Percent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$148,359,216	\$88,142,349	\$60,216,867	68.3	100.0	100.0
Crops with acreage reports.....	8,555,080	8,214,711	340,369	4.1	71.8	73.0	134,901,875	81,263,632	53,638,243	66.0	90.9	92.2	
Cereals.....	4,951,066	5,376,944	-425,878	-7.9	41.6	47.8	73,141,919	48,595,728	24,546,191	50.5	49.3	55.1	
Other grains and seeds.....	102,085	93,071	9,014	9.7	0.9	0.8	2,078,789	1,174,058	904,731	77.1	1.4	1.3	
Hay and forage.....	3,079,102	2,397,982	681,120	28.4	25.9	21.3	40,806,396	19,267,709	21,598,687	112.1	27.5	21.9	
Tobacco.....	40,458	33,830	6,628	19.6	0.3	0.3	3,855,033	2,898,091	956,942	33.0	2.6	3.3	
Sugar crops.....	14,660	2,433	12,227	502.5	0.1	( <sup>2</sup> )	751,811	65,381	686,430	1,049.9	0.5	0.1	
Sundry minor crops.....	85	619	-534	-80.3	( <sup>2</sup> )	( <sup>2</sup> )	36,808	24,302	12,506	51.5	( <sup>2</sup> )	( <sup>2</sup> )	
Potatoes and sweet potatoes and yams.....	200,189	256,935	33,254	12.9	2.4	2.3	7,917,951	5,826,651	2,091,300	35.9	5.3	6.6	
Other vegetables.....	70,123	39,578	30,545	77.2	0.6	0.4	4,593,865	2,220,634	2,373,231	100.0	3.1	2.5	
Flowers and plants and nursery products.....	1,007	930	77	8.3	( <sup>2</sup> )	( <sup>2</sup> )	893,860	355,959	537,907	151.1	0.6	0.4	
Small fruits.....	6,305	12,389	-6,084	-49.1	0.1	0.1	765,437	835,110	-69,673	-8.3	0.5	0.9	
Crops with no acreage reports.....							13,457,341	6,878,717	6,578,624	65.6	9.1	7.8	
Seeds.....							1,541,984	462,066	1,079,918	233.7	1.0	0.5	
Fruits and nuts.....							2,130,935	284,624	1,846,311	65.3	1.4	0.3	
Maple sugar and sirup.....							150,038	6,878	143,160	2,081.4	0.1	( <sup>2</sup> )	
Forest products of farms.....							9,569,428	0,116,033	3,443,395	56.3	6.4	6.9	
Miscellaneous.....							74,950	9,716	65,234	671.5	0.1	( <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 \$148,359,000. Of this amount 90.9 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 8,555,080, representing 71.8 per cent of the total improved land in farms (11,907,606 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 Wisconsin agriculture is indicated by the fact that about one-half (49.3 per cent) of the total value of crops in 1909 was contributed by the cereals, and more than one-quarter (27.5 per cent) by hay and forage. The remainder, representing in value 23.2 per cent of the total, consisted mostly of potatoes and other vegetables, of forest products, and of tobacco.

The total value of crops in 1909 was 68.3 per cent greater than in 1899, this increase being due in large measure to higher prices. There was an increase of 4.1 per cent in the total acreage of crops for which acreage was reported, the greatest absolute increases being those in the acreage of hay and forage and of vegetables, while the acreage of cereals showed a decided decrease.

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, \$40,866,000; oats, \$28,663,000; corn, \$25,728,000; barley, \$12,682,000; potatoes, \$7,918,000; tobacco, \$3,855,000; rye, \$3,164,000; and wheat, \$2,592,000. It should be noted, however, that vegetables, exclusive of potatoes and sweet potatoes and yams, and forest products of farms, statistics for which are shown elsewhere, are more important than several of the crops shown above.

Winter and spring wheat were grown by approximately the same number of farmers, with nearly the same acreage and yield. Durum or macaroni wheat has made little headway. Flaxseed has ceased to be a crop of much consequence in Wisconsin so far as extent of cultivation is concerned. In the case of certain crops the acreages are omitted on account of uncertainties in the reports; the reports of yields are, however, reliable. Among the hay and forage crops, timothy and clover mixed predominated.

It will be noticed that some effort has been made to grow a large number of miscellaneous crops, and in many cases with fair success in yield and value. None of these crops, however, has as yet become of any appreciable importance, unless it be alfalfa, which yielded over \$30 per acre and was raised on about one farm in forty.

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> .....		4,951,060	150,584,600	Bu...	\$73,141,919
Corn.....	129,335	1,457,052	49,163,034	Bu...	25,727,654
Oats.....	130,088	2,104,570	71,349,038	Bu...	28,663,257
Wheat, total.....	31,721	140,360	2,641,476	Bu...	2,591,954
Common winter.....	14,036	61,800	1,215,890	Bu...	1,194,185
Common spring.....	18,098	75,104	1,302,122	Bu...	1,339,683
Durum or macaroni.....	620	3,360	63,488	Bu...	58,086
Emmer and spelt.....	1,240	6,000	160,301	Bu...	89,118
Barley.....	87,540	816,440	22,150,041	Bu...	12,682,136
Buckwheat.....	5,787	20,208	302,829	Bu...	219,484
Rye.....	40,170	330,213	4,707,775	Bu...	3,163,520
Kafir corn and milomizo.....	63	425	8,100	Bu...	4,790
<b>Other grains and seeds with acreage report, total</b> .....		102,085	1,439,388	Bu...	2,078,789
Dry edible beans.....	5,650	14,574	154,570	Bu...	203,914
Dry peas.....	15,050	78,017	1,105,055	Bu...	1,645,025
Peanuts.....	31	70	945	Bu...	1,064
Flaxseed.....	1,700	9,423	118,793	Bu...	107,848
<b>Seeds with no acreage report, total</b> .....					1,541,984
Timothy seed.....	1,780	(?)	44,547	Bu...	75,896
Clover seed.....	12,146	(?)	215,410	Bu...	1,420,428
Alfalfa seed.....	15	(?)	684	Bu...	1,633
Millet seed.....	23	(?)	1,054	Bu...	1,446
Flower and garden seeds.....	10	(?)			42,683
<b>Hay and forage, total</b> .....	161,248	3,079,102	5,002,644	Tons.	40,866,396
Timothy alone.....	60,831	767,012	1,110,440	Tons.	10,824,854
Timothy and clover mixed.....	100,106	1,612,171	2,477,311	Tons.	22,418,758
Clover alone.....	18,269	110,522	163,780	Tons.	1,572,231
Alfalfa.....	4,108	17,056	40,704	Tons.	501,953
Millet or Hungarian grass.....	2,087	5,948	9,854	Tons.	74,914
Other tame or cultivated grasses.....	3,740	43,013	58,307	Tons.	430,355
Wild, salt, or prairie grasses.....	27,048	378,413	497,622	Tons.	2,615,741
Grains cut green.....	3,227	13,073	20,205	Tons.	169,877
Coarse forage.....	17,064	120,106	571,441	Tons.	2,143,489
Root forage.....	1,378	1,108	7,818	Tons.	48,104
Potatoes.....	158,087	290,185	31,068,195	Bu...	7,917,754
Sweet potatoes and yams.....	13	4	317	Bu...	197
Tobacco.....	0,390	40,458	40,000,182	Lbs..	3,855,033
Sundry minor crops, total.....					86,808
Hops.....	4	30	13,200	Lbs..	9,041
Broom corn.....	12	28	14,830	Lbs..	1,028
Ginseng.....	70	10			25,977

<sup>1</sup> Includes small amount of sunflower seed.  
<sup>2</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>3</sup> Includes small amounts of hemp and willows.

The shifting in acreage of the crops specified during the past 30 years is shown in the following table:

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Rye.	Hay and forage.
1900.....	1,457,052	2,104,570	140,360	816,440	330,213	3,079,102
1890.....	1,497,474	2,305,115	556,014	555,747	302,193	2,307,982
1889.....	1,120,341	1,027,151	744,080	474,914	275,058	2,232,317
1879.....	1,015,303	955,597	1,948,100	204,335	109,692	1,484,920

Corn increased rapidly during the first two decades and fell off slightly during the last 10 years. The same is true of oats and rye. Barley made a big gain between 1879 and 1889, a slight increase during the next decennial period, and a gain of more than a quarter of a million acres during the decade just past. While there was a decrease of 1,800,000 acres in wheat during the 30 years covered by the table, hay and forage increased nearly 1,600,000 acres.

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.....	73.0	75.3	12.2	13.3	-2.7	33.7 Bu.	\$17.65
Oats.....	77.2	81.7	18.2	21.0	-8.5	33.0 Bu.	13.24
Wheat.....	17.9	49.9	1.2	4.9	-74.8	18.8 Bu.	18.47
Barley.....	49.4	30.7	6.9	4.9	46.9	27.1 Bu.	15.53
Buckwheat.....	3.3	6.0	0.2	0.4	-33.8	11.5 Bu.	8.35
Rye.....	22.7	30.4	2.8	3.2	-6.3	14.1 Bu.	9.33
Dry peas.....	9.0	11.8	0.7	0.6	13.3	14.9 Bu.	21.08
Hay and forage.....	91.0	88.9	25.0	21.3	28.4	L 92 Tons.	13.27
Potatoes.....	89.6	85.7	2.4	2.3	12.0	110.2 Bu.	27.29
Tobacco.....	5.3	4.1	0.3	0.3	19.6	1,159.5 Lbs.	95.28

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

Nearly three-fourths of the farms grow corn and over three-fourths oats, the acreage of these two crops making over 30 per cent of the improved land. Wheat, buckwheat, and rye occupy but a small place among the crops of the state. The acreage of rye in 1909 was more than double that of wheat, though it showed a decline of 6.3 per cent. Nine farms out of ten report hay and forage of some sort and more than one-fourth of the improved acreage is used for such crops.

During the last decade the cereals decreased in total acreage. In 1909 these crops had an average value of \$14.77 per acre. The averages for corn, wheat, and barley were above this figure, while those for oats, rye, and buckwheat were below it.

Geographically, the important changes during the last decade and the census of 1910 distribution within the state are: The acreage of corn has decreased in the leading corn district, Iowa County decreasing 21 per cent; Lafayette, 20 per cent; Green, 17 per cent; Dane, 14 per cent; while along the eastern border and over the north half of the state increases are recorded. The acreage of oats fell off in substantially the same area as did corn: Rock County, 44 per cent; Lafayette, 40 per cent; Iowa, 37 per cent; Green, 36 per cent. On the other hand, increases occurred in a group of eastern counties and in the northern part of the state. In the main, the oat area shifted to the north. The wheat acreage was mainly in two districts, a line of counties along the western border and a group of counties extending from the northeastern part of the state down to the south central, Sauk County uniting the two districts. The leading rye-growing district was along the line of the Wisconsin River, and along the Mississippi as far south as La Crosse.

The greatest acreage of hay and forage was largely in the southern and western parts of the state, the leading counties being, in the order named: Dane, Grant, Dodge, Iowa, Lafayette, Vernon, Marathon, Fond du Lac, St. Croix, Manitowoc, and Rock. These counties produced one-fourth of the total quantity.

Clover seed was grown largely in Calumet, Washington, Manitowoc, Fond du Lac, Sheboygan, and Jackson Counties, which produced in 1909 almost half of the entire crop.

Potatoes were produced in large quantities in three separate districts, Portage and six neighboring counties producing one-fourth of the whole. The other areas were Barron, Dunn, and Chippewa in the northwest, and Milwaukee and Waukesha in the southeast.

More than three-fourths of the tobacco reported for 1909 was raised in Dane, Vernon, and Rock Counties.

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

CROP.	FARMS REPORTING, 1909		ACRES.		VALUE OF PRODUCTS.	
	Num-ber.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	1,125,161	70.7	70,123	30,578	\$4,593,805	\$2,220,634
Farms reporting a product of \$500 or over.....	914	0.5	14,660	.....	1,126,373	.....
All other farms.....	124,247	70.1	55,493	.....	3,467,492	.....
Flowers and plants, total.....	216	0.1	252	194	592,839	270,872
Farms reporting a product of \$250 or over.....	160	0.1	.....	.....	584,398	.....
All other farms.....	56	( <sup>2</sup> )	.....	.....	8,441	.....
Nursery products, total.....	152	0.1	755	730	301,027	85,087
Farms reporting a product of \$250 or over.....	66	( <sup>2</sup> )	.....	.....	292,188	.....
All other farms.....	86	( <sup>2</sup> )	.....	.....	8,839	.....

<sup>1</sup> Does not include 16,167 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 360,312 and their value \$12,511,816. Excluding (so far as reported separately<sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 70,123 and their value \$4,594,000, both acreage and value being decidedly greater than in 1899.

The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909 only 914 farms in the first class, representing about one-fifth of the total acreage of vegetables and about one-fourth of the total value, the average acreage of vegetables per farm for these farms being 16 and the average value of product per acre \$76.83.

<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.

The raising of flowers and plants and of nursery products was also of some importance in Wisconsin, 1,007 acres being devoted to them in 1909, and the product being valued at \$893,866. 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>6,305</b>	<b>12,389</b>	<b>9,782,770</b>	<b>\$765,437</b>
Strawberries.....	12,084	2,863	3,508	5,188,117	434,971
Blackberries and dewberries.....	2,272	407	411	498,119	48,707
Raspberries and loganberries.....	6,132	964	1,616	1,053,880	114,578
Currants.....	3,853	298	667	383,982	31,078
Gooseberries.....	1,811	82	177	107,708	4,751
Cranberries.....	229	1,689	5,821	2,549,344	127,212
Other berries.....	3	2	189	1,620	140

Strawberries are by far the most important of the small fruits raised in Wisconsin, with cranberries ranking next and raspberries and loganberries third. The total acreage of small fruits in 1909 was 6,305 and in 1899, 12,389, a decrease of 49.1 per cent. The production in 1909 was 9,783,000 quarts, as compared with 15,459,000 quarts in 1899, and the value \$765,000, as compared with \$835,000.

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

The total quantity of orchard fruits produced in 1909 was 2,344,000 bushels, valued at \$2,087,000. Apples contributed about 95 per cent of this quantity; cherries most of the remainder. The production of grapes in 1909 amounted to 701,329 pounds, valued at \$25,537, and that of nuts to 609,428 pounds, valued at \$18,196. The nuts consisted mostly of hickory nuts.

The production of all orchard fruits together in 1909 was nearly seven times as great in quantity as that in 1899, and the production of grapes also increased materially. The value of orchard fruits increased from \$267,000 in 1899 to \$2,087,000 in 1909 and that of grapes from \$15,173 in 1899 to \$25,537 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.	Quantity. <sup>1</sup>	Value.	Quantity. <sup>1</sup>
<b>Orchard fruits, total</b> .....		<b>2,861,830</b>		<b>1,054,616</b>	<b>2,343,517</b>	<b>\$2,087,202</b>	<b>348,600</b>
Apples.....	101,181	2,430,232	71,067	1,408,726	2,232,112	1,806,681	303,373
Peaches and nectarines.....	524	4,163	506	4,148	656	552	209
Pears.....	7,734	29,841	5,315	20,250	12,992	10,551	1,540
Plums and prunes.....	13,542	105,909	10,741	71,153	15,007	20,944	12,160
Cherries.....	52,130	290,495	13,209	148,775	81,340	162,119	31,037
Apricots.....	178	593	114	354	100	211	57
Quinces.....	77	581	69	1,203	90	114	(?)
Mulberries.....	7	16	4	7	20	30	(?)
Unclassified.....							188
<b>Grapes</b> .....	<b>7,422</b>	<b>146,346</b>	<b>3,150</b>	<b>63,098</b>	<b>701,329</b>	<b>\$5,537</b>	<b>571,459</b>
<b>Nuts, total</b> .....		<b>440,739</b>		<b>5,344</b>	<b>609,428</b>	<b>\$18,196</b>	<b>80,150</b>
Black walnuts.....	333	3,459	71	922	86,086	1,617	(?)
Butternuts.....	127	1,111	18	70	20,310	450	(?)
Hickory nuts.....	2,301	35,702	84	4,352	496,722	15,959	(?)
Unclassified.....							180

<sup>1</sup> Expressed in bushels for orchard fruits and pounds for grapes and nuts.  
<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 almonds, hazelnuts, chestnuts, 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.....	2,065	1.5	Gals....	169,150	10,026
Vinegar.....	515	0.3	Gals....	16,472	10,111
Wine and grape juice.....	2,051	1.2	Gals....	33,785	45,783
Dried fruits.....	311	0.2	Lbs....	8,644	2,670

**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 112,643 farms in Wisconsin (63.6 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$9,559,428, as compared with \$6,116,033 in 1899, an increase of 56.3 per cent. Of the value in 1909, \$5,641,129 was reported as that of products used or to be used on the farms themselves, \$3,606,171 as that of products sold or



for sale, and \$312,128 as the amount received for standing timber. Forest products not produced on farms are not included in this report.

**Miscellaneous crops: 1909.**—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 1,663 farmers in Wisconsin sold, during 1909, 12,490 tons of straw, for which they received \$53,884, and that 606 farmers sold 3,786 tons of cornstalks and leaves, for which they received \$15,751. In addition, 11 farmers reported the production of 186 tons of flax fiber, valued at \$2,238, and 81 farmers reported the production of 787 tons of flax straw, valued at \$3,083.

**Sugar crops: 1909 and 1899.**—The table below shows data with regard to maple trees and their products, and for sugar beets and sorghum cane. The

total value of sugar beets produced in 1909 was \$667,185, as compared with only \$937 in 1899, while that of maple sugar and sirup produced in 1909 was \$150,038, as compared with \$6,878 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	4,313	2.4	1449,727			\$150,038
Sugar made.....	350	0.2		27,109	Lbs.	4,418
Sirup made.....	4,292	2.4		124,117	Gals.	145,620
Total, 1899.....	268	0.2				6,878
Sugar made.....				4,180	Lbs.	400
Sirup made.....				6,625	Gals.	6,478
Sugar beets:						
1909 <sup>1</sup> .....	4,341	2.5	12,370	127,526	Tons.	667,185
1899.....	8	( <sup>2</sup> )	34	233	Tons.	937
Sorghum cane:						
Total, 1909 <sup>4</sup> .....						84,620
Cane grown.....	5,436	3.1	2,281	13,735	Tons.	
Cane sold as such.	1	( <sup>3</sup> )		4	Tons.	20
Sirup made.....	5,415	3.1		130,067	Gals.	83,026
Total, 1899.....						64,444
Cane grown.....	4,889	2.9	2,309	16,063	Tons.	
Cane sold as such.				952	Tons.	2,716
Sirup made.....				160,414	Gals.	61,728

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

SELECTED FARM EXPENSES AND RECEIPTS.

**Farm expenses: 1909 and 1899.**—The following 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. <sup>1</sup>	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Percent of all farms.				
Labor.....	91,119	51.4	\$10,195,473	\$10,468,610	\$8,720,863	83.4
Feed.....	73,512	41.5	5,072,916	( <sup>2</sup> )		
Fertilizer.....	2,905	1.7	127,753	294,320	-166,567	-56.6

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

A little more than 25 per cent of the amount expended for labor in 1909 was in the form of rent and board; the total expenditure increasing 83.4 per cent during the decade. Slightly more than one-half of the farmers hired labor, and the average amount expended by the farmers hiring was \$211. No tabulation was made at prior censuses of the number of farmers reporting expenditures for labor.

Two farmers out of every five reported some expenditure for feed in 1909. The expenditures for fer-

tilizer were confined to a few farms, not one in fifty reporting anything under this item. The average for those reporting was \$42.66 per farm. There was a marked falling off—56.6 per cent—since 1899 in the total amount reported as paid for fertilizer.

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Per cent of all farms.	Amount.	Unit.	
Total.....					\$14,857,856
Corn.....	9,384	5.3	1,298,957	Bu.....	737,972
Oats.....	38,437	21.7	11,004,453	Bu.....	4,541,519
Barley.....	38,481	21.7	10,259,690	Bu.....	6,125,877
Hay and coarse forage	27,625	15.6	351,676	Tons...	3,452,468

While the total amount expended by Wisconsin farmers for the purchase of feed in 1909 was \$5,673,000, the total receipts from sales of feed by those reporting sales amounted to \$14,858,000.

## COUNTY TABLES.

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

Table 1 shows population, number of farms, land and farm area, value of farm property, 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, farm area, and value of farm property operated by owners, tenants, and managers, as of April 15, 1910. Statistics of farm mortgages are included in this table.

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

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

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

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

*Change of boundary.*—A part of Chippewa County was taken to form Rusk County in 1901 (it was known as Gates County, its name being changed to Rusk in 1905); a part of Forest County was annexed to Vilas County in 1905; and a part of Vilas County was annexed to Oneida County in 1901.

TABLE I.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Adams.	Ashland. <sup>1</sup>	Barron.	Bayfield.	Brown. <sup>1</sup>	Buffalo.
1 Population	2,333,860	8,604	21,065	29,114	15,987	54,098	16,006
2 Population in 1900	<i>2,069,043</i>	<i>8,141</i>	<i>20,176</i>	<i>23,077</i>	<i>14,302</i>	<i>46,350</i>	<i>16,765</i>
3 Number of all farms	177,127	1,681	718	3,852	1,086	3,615	2,161
4 Number of all farms in 1900	<i>169,795</i>	<i>1,842</i>	<i>489</i>	<i>3,004</i>	<i>465</i>	<i>3,000</i>	<i>2,242</i>
5 Color and nativity of farmers:							
6 Native white	107,180	1,181	239	1,872	290	1,911	1,402
7 Foreign-born white	69,350	499	450	1,980	700	1,576	759
8 Negro and other nonwhite	591	1	29		6	128	
9 Number of farms, classified by size:							
10 Under 1 acre	273		2	5	2	4	5
11 1 to 9 acres	5,401	11	6	80	17	225	49
12 10 to 49 acres	4,883	9	10	65	31	168	29
13 50 to 99 acres	23,400	101	192	691	339	648	132
14 100 to 174 acres	58,439	576	202	1,115	280	898	600
15 175 to 250 acres	20,106	390	39	298	51	161	544
16 250 to 499 acres	9,271	274	22	113	32	44	449
17 500 to 999 acres	966	39	4	17	7	4	42
18 1,000 acres and over	141	1		3	6	2	1
<b>LAND AND FARM AREA</b>							
19 Approximate land area	35,363,840	437,760	692,480	566,400	901,920	338,500	439,680
20 Land in farms	21,060,066	307,061	72,592	411,321	120,121	301,510	408,081
21 Land in farms in 1900	<i>19,862,727</i>	<i>303,585</i>	<i>69,187</i>	<i>320,659</i>	<i>61,827</i>	<i>285,074</i>	<i>408,938</i>
22 Improved land in farms	11,007,606	142,207	24,374	170,203	21,661	195,281	199,907
23 Improved land in farms in 1900	<i>11,007,606</i>	<i>142,207</i>	<i>15,011</i>	<i>117,407</i>	<i>8,022</i>	<i>175,066</i>	<i>190,607</i>
24 Woodland in farms	5,377,580	129,273	29,019	131,057	53,896	50,987	143,742
25 Other unimproved land in farms	3,774,880	36,001	19,190	110,061	44,564	55,251	44,372
26 Per cent of land area in farms	60.6	70.3	10.5	72.6	12.5	89.1	92.8
27 Per cent of farm land improved	59.5	45.2	33.0	41.4	18.0	64.8	49.0
28 Average acres per farm	110	183	101	107	111	83	189
29 Average improved acres per farm	67	85	34	44	20	54	62
<b>VALUE OF FARM PROPERTY</b>							
30 All farm property	1,413,118,785	8,615,324	2,725,475	18,976,694	3,209,775	20,597,787	16,581,677
31 All farm property in 1900	<i>811,712,319</i>	<i>4,214,008</i>	<i>1,080,900</i>	<i>6,374,093</i>	<i>616,578</i>	<i>18,451,978</i>	<i>9,892,667</i>
32 Per cent increase, 1900-1910	74.1	104.4	164.4	197.7	421.4	98.0	67.6
33 Land	611,938,261	5,312,653	1,559,875	12,150,147	2,010,037	17,421,497	9,974,378
34 Land in 1900	<i>630,542,690</i>	<i>2,426,310</i>	<i>461,030</i>	<i>3,938,000</i>	<i>328,030</i>	<i>8,313,700</i>	<i>6,143,840</i>
35 Buildings	289,694,462	1,853,105	693,065	3,721,785	700,145	5,733,443	3,360,832
36 Buildings in 1900	<i>155,604,979</i>	<i>896,890</i>	<i>243,400</i>	<i>1,166,030</i>	<i>148,810</i>	<i>2,984,120</i>	<i>1,766,390</i>
37 Implements and machinery	62,950,570	428,147	132,204	815,009	134,930	1,020,301	718,673
38 Implements, etc., in 1900	<i>29,237,010</i>	<i>232,330</i>	<i>55,480</i>	<i>317,920</i>	<i>31,400</i>	<i>653,060</i>	<i>462,700</i>
39 Domestic animals, poultry, and bees	168,529,483	1,021,059	340,331	2,280,153	304,663	2,422,540	2,527,794
40 Domestic animals, etc., in 1900	<i>96,327,649</i>	<i>668,877</i>	<i>170,000</i>	<i>962,168</i>	<i>107,338</i>	<i>1,480,198</i>	<i>1,540,637</i>
41 Per cent of value of all property in—							
42 Land	64.5	61.7	57.2	64.0	62.6	65.5	60.2
43 Buildings	20.5	21.5	25.4	10.0	21.8	21.6	20.3
44 Implements and machinery	3.7	5.0	4.8	4.3	4.2	3.8	4.3
45 Domestic animals, poultry, and bees	11.2	11.8	12.5	12.1	11.4	9.1	15.2
46 Average values:							
47 All property per farm	7,978	5,125	3,796	4,926	2,956	7,358	7,673
48 Land and buildings per farm	4,263	4,263	3,138	4,120	2,496	6,405	6,171
49 Land per acre	43.30	17.27	21.49	29.54	10.73	57.78	24.44
50 Land per acre in 1900	<i>26.71</i>	<i>7.09</i>	<i>8.48</i>	<i>12.23</i>	<i>6.33</i>	<i>20.16</i>	<i>15.02</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
51 Farms reporting domestic animals	171,023	1,631	661	3,638	925	3,487	2,102
52 Value of domestic animals	163,700,250	983,016	330,559	2,229,092	351,244	2,362,860	2,479,855
53 Cattle:							
54 Total number	2,680,074	15,977	5,192	45,273	5,073	43,920	42,329
55 Dairy cows	1,473,505	9,101	2,783	24,100	2,534	26,020	21,903
56 Other cows	173,152	1,170	254	3,488	360	2,346	3,196
57 Yearling heifers	351,124	2,162	825	6,612	789	5,787	5,935
58 Calves	449,489	2,184	950	7,959	1,017	7,214	6,972
59 Yearling steers and bulls	134,289	847	248	2,004	290	1,754	2,041
60 Other steers and bulls	94,515	513	123	1,050	83	800	1,322
61 Value	67,476,224	374,394	124,841	974,727	124,642	1,015,665	852,197
62 Horses:							
63 Total number	614,054	5,214	1,298	9,522	1,616	11,030	10,430
64 Mature horses	562,220	4,871	1,235	8,764	1,529	9,868	9,231
65 Yearling colts	46,437	289	56	717	72	1,030	1,104
66 Spring colts	6,397	54	7	41	15	142	55
67 Value	68,585,505	534,992	180,650	1,100,589	212,462	1,229,674	1,232,324
68 Mules:							
69 Total number	2,872	55	18	52	11	11	48
70 Mature mules	2,599	52	18	46	11	11	41
71 Yearling colts	246	3		5			7
72 Spring colts	27	1		1			
73 Value	316,066	4,750	2,790	4,815	1,425	1,625	5,195
74 Asses and burros:							
75 Number	196	2		1		1	
76 Value	13,795	35		300		25	
77 Pigs:							
78 Total number	1,800,331	6,208	1,212	10,571	563	15,060	40,451
79 Mature hogs	894,429	3,289	767	5,794	420	8,767	19,172
80 Spring pigs	911,402	2,919	445	4,777	143	6,293	21,279
81 Value	13,620,741	58,670	10,621	90,711	6,761	102,498	303,680
82 Sheep:							
83 Total number	920,783	2,882	1,547	16,241	1,074	3,728	24,803
84 Rams, ewes, and wethers	628,539	1,875	1,068	11,082	662	2,319	16,907
85 Spring lambs	301,244	1,007	479	5,159	412	1,409	7,896
86 Value	3,660,652	9,950	5,631	57,542	4,274	12,847	86,313
87 Goats:							
88 Number	4,875	82	6	192	357	19	53
89 Value	19,267	255	26	408	1,780	62	149
<b>POULTRY AND BEES</b>							
90 Number of poultry of all kinds	0,433,110	82,033	17,576	124,660	24,143	118,699	146,698
91 Value	4,468,793	39,865	9,503	53,486	12,643	53,326	44,690
92 Number of colonies of bees	95,638	291	42	1,941	128	1,465	1,063
93 Value	360,530	1,147	269	6,575	776	6,824	2,949

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



TABLE 1.—FARMS AND FARM PROPERTY,

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

	Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron. <sup>2</sup>	Jackson.	Jefferson.	
1	Population .....	51,610	6,782	39,007	21,641	15,491	22,497	8,306	17,075	34,306
2	Population in 1900 .....	47,589	1,896	33,381	22,710	15,737	23,114	6,016	17,466	34,789
3	Number of all farms .....	4,242	237	4,056	2,465	1,602	2,405	119	2,382	3,356
4	Number of all farms in 1900 .....	4,326	59	4,219	2,540	1,753	2,547	83	2,468	3,453
5	<b>Color and nativity of farmers:</b>									
6	Native white.....	3,056	180	3,334	1,717	833	1,936	34	1,352	2,189
7	Foreign-born white.....	1,186	47	719	748	769	559	80	1,020	1,166
8	Negro and other nonwhite.....		10	3			5	10		1
9	<b>Number of farms, classified by size:</b>									
10	Under 3 acres.....	9		4	0		1			3
11	3 to 9 acres.....	231	2	115	82	166	53		31	176
12	10 to 19 acres.....	201	1	83	70	89	40		1	130
13	20 to 49 acres.....	309	72	257	178	139	129		43	290
14	50 to 99 acres.....	1,253	78	617	459	312	287		29	590
15	100 to 174 acres.....	1,569	53	1,377	877	555	835		28	882
16	175 to 259 acres.....	421	13	955	534	277	653		10	415
17	260 to 499 acres.....	102	12	573	238	108	437		0	28
18	500 to 999 acres.....	6	5	71	8	14	58		2	27
19	1,000 acres and over.....	1	1	4		2	2		10	4
20	<b>LAND AND FARM AREA</b>									
21	Approximate land area.....acres..	464,640	896,000	748,160	379,520	230,400	499,840	506,880	633,600	353,280
22	Land in farms.....acres.....	445,098	28,210	689,338	353,211	208,623	402,424	19,958	374,923	335,156
23	Land in farms in 1900.....acres..	448,591	6,594	687,675	365,355	214,012	408,768	19,795	367,546	337,431
24	Improved land in farms.....acres..	322,738	6,129	412,577	280,265	130,302	293,150	3,809	181,210	217,631
25	Improved land in farms in 1900.....acres..	345,171	1,673	411,077	289,029	146,423	298,534	2,392	170,544	238,748
26	Woodland in farms.....acres.....	35,207	14,264	161,270	39,438	23,704	100,065	4,062	128,991	25,152
27	Other unimproved land in farms.....acres..	87,063	7,817	115,491	38,508	54,017	69,263	5,387	64,721	92,372
28	Per cent of land area in farms.....	95.8	3.1	92.1	94.4	90.3	92.5	2.8	50.2	94.0
29	Per cent of farm land improved.....	72.5	21.7	59.8	78.2	62.6	63.4	28.0	48.3	64.9
30	Average acres per farm.....	105	119	170	145	130	185	117	157	100
31	Average improved acres per farm.....	76	26	102	114	81	117	33	76	65
32	<b>VALUE OF FARM PROPERTY</b>									
33	All farm property.....dollars....	44,385,350	917,380	42,426,153	36,890,211	15,983,274	30,508,591	418,766	14,457,654	34,522,303
34	All farm property in 1900.....dollars..	31,274,129	709.3	26,905,272	20,770,174	10,472,234	16,823,981	109,169	7,199,396	25,421,940
35	Per cent increase, 1900-1910.....	41.8		61.3	77.0	62.6	81.7		100.8	35.8
36	Land.....dollars.....	30,010,956	594,756	28,538,602	25,343,819	10,044,065	21,338,354	236,160	8,664,716	21,844,253
37	Land in 1900.....dollars.....	31,467,670	70,710	17,697,640	13,774,830	7,198,260	11,213,730	91,032	4,097,840	16,030,320
38	Buildings.....dollars.....	8,181,120	191,470	6,716,917	5,775,990	3,076,180	4,430,500	101,865	3,299,796	7,662,317
39	Buildings in 1900.....dollars.....	5,840,420	18,000	3,467,307	3,467,307	1,814,900	2,366,030	30,100	1,591,630	4,099,880
40	Implement and machinery.....dollars..	1,403,667	46,184	1,266,693	939,128	542,369	741,635	19,032	645,379	1,234,678
41	Implement, etc., in 1900.....dollars..	887,410	7,570	780,536	678,020	367,020	471,180	8,510	366,700	807,950
42	Domestic animals, poultry, and bees.....dollars.	4,739,607	84,970	5,874,646	4,831,274	1,719,760	4,078,042	61,649	1,887,769	3,801,055
43	Domestic animals, etc., in 1900.....dollars.	3,023,229	16,985	3,080,332	2,664,394	1,101,034	2,834,101	30,539	1,151,426	2,633,928
44	Per cent of value of all property in—									
45	Land.....	67.7	64.8	67.3	68.7	66.6	69.8	56.4	50.9	63.3
46	Buildings.....	18.4	20.9	15.8	15.6	19.2	14.4	24.3	22.4	22.1
47	Implement and machinery.....	3.2	5.0	3.0	2.5	3.4	2.4	4.0	4.6	3.6
48	Domestic animals, poultry, and bees.....	10.7	8.3	13.8	13.1	10.8	13.3	14.7	13.0	11.0
49	<b>Average values:</b>									
50	All property per farm.....dollars....	10,452	3,871	10,460	14,966	9,977	12,252	3,619	6,070	10,287
51	Land and buildings per farm.....dollars..	9,003	3,317	8,692	12,625	8,565	10,320	2,840	4,908	8,786
52	Land per acre.....dollars.....	67.44	21.93	41.40	70.75	51.17	40.14	10.92	22.11	65.18
53	Land per acre in 1900.....dollars....	47.89	10.72	25.74	37.70	33.63	23.92	8.49	10.56	50.32
54	<b>DOMESTIC ANIMALS (farms and ranges)</b>									
55	Farms reporting domestic animals.....	4,158	205	3,980	2,431	1,576	2,467	108	2,294	3,293
56	Value of domestic animals.....dollars....	4,004,125	81,930	5,094,621	4,701,773	1,068,717	3,979,743	59,819	1,827,007	3,039,827
57	<b>Cattle:</b>									
58	Total number.....	73,470	1,072	90,441	80,427	24,640	77,749	864	31,827	64,591
59	Dairy cows.....	42,088	505	39,042	44,172	14,576	34,559	416	17,677	40,450
60	Other cows.....	4,146	44	8,480	3,705	1,481	5,640	97	1,860	4,100
61	Yearling heifers.....	8,737	188	10,856	2,980	2,980	8,421	114	4,460	9,312
62	Calves.....	13,634	149	13,790	18,617	3,360	14,099	123	5,308	8,943
63	Yearling steers and bulls.....	2,072	72	9,741	1,845	1,344	6,432	55	2,084	1,477
64	Other steers and bulls.....	1,803	54	5,626	1,761	908	8,098	64	1,122	1,360
65	Value.....dollars.....	2,150,094	28,600	2,312,574	2,601,477	549,704	2,170,418	22,987	651,700	2,051,304
66	<b>Horses:</b>									
67	Total number.....	17,106	466	22,695	12,285	6,365	13,957	225	8,454	12,162
68	Mature horses.....	15,707	397	19,614	11,150	5,738	11,010	204	7,702	11,229
69	Yearling colts.....	1,235	9	2,455	1,010	499	1,820	21	682	791
70	Spring colts.....	164	320	128	128	128	121	70	70	132
71	Value.....dollars.....	1,880,999	48,682	2,323,119	1,425,276	843,575	1,345,365	33,285	970,698	1,255,109
72	<b>Mules:</b>									
73	Total number.....	44	6	267	57	21	50		34	43
74	Mature mules.....	40	5	225	52	19	43		30	35
75	Yearling colts.....	4	1	39	2	2	7		4	5
76	Spring colts.....			3	3				1	3
77	Value.....dollars.....	5,965	725	29,800	5,895	2,215	4,914		3,803	4,020
78	<b>Asses and burros:</b>									
79	Number.....	6		22	9		2		1	2
80	Value.....dollars.....	60		1,833	1,810		60		20	700
81	<b>Swine:</b>									
82	Total number.....	59,292	366	114,997	83,880	32,150	47,861	420	18,615	43,650
83	Mature hogs.....	28,037	222	51,062	37,927	13,692	22,585	175	8,906	17,714
84	Spring pigs.....	30,565	84	63,945	46,953	18,458	25,076	254	9,619	25,936
85	Value.....dollars.....	426,833	3,727	808,124	599,616	210,928	360,724	3,161	140,309	308,706
86	<b>Sheep:</b>									
87	Total number.....	34,241	25	47,441	14,244	20,853	20,448	94	11,380	4,938
88	Rams, ewes, and wethers.....	23,424	17	29,051	8,902	13,929	13,957	55	7,504	3,402
89	Spring lambs.....	10,817	8	17,790	5,282	6,924	7,491	39	3,816	1,536
90	Value.....dollars.....	127,099	130	216,313	67,093	62,266	92,153	386	43,346	19,886
91	<b>Goats:</b>									
92	Number.....	68		801	1	13	33		30	25
93	Value.....dollars.....	479		2,858	6	29	110		101	102
94	<b>POULTRY AND BEES</b>									
95	Number of poultry of all kinds.....	253,535	5,521	346,625	217,281	102,864	170,935	3,108	124,040	202,208
96	Value.....dollars.....	124,134	3,040	168,917	119,595	49,093	94,253	1,804	53,391	151,690
97	Number of colonies of bees.....	2,888		2,591	2,568	780	993	5	1,857	2,108
98	Value.....dollars.....	11,348		10,508	9,936	2,040	4,043	20	6,411	6,529

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



TABLE 1.—FARMS AND FARM PROPERTY,

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

	Oconto. <sup>1</sup>	Oneida. <sup>1</sup>	Outagamie. <sup>1</sup>	Ozaukee.	Pepin.	Pierce.	Polk.	Portage.	Price.
1 Population .....	25,657	11,433	40,102	17,123	7,577	22,079	21,367	30,945	13,705
2 Population in 1900 .....	20,374	8,875	40,247	10,303	7,005	23,043	17,301	29,483	9,106
3 Number of all farms .....	2,868	688	3,650	1,714	1,038	3,213	3,390	3,229	1,352
4 Number of all farms in 1900 .....	2,241	350	3,479	1,728	1,054	3,323	2,007	5,172	685
Color and nativity of farmers:									
5 Native white .....	1,220	205	2,235	1,234	610	1,331	1,319	1,681	282
6 Foreign-born white .....	1,635	387	1,226	480	428	1,332	2,078	1,548	1,000
7 Negro and other nonwhite .....	7	6	180						1
Number of farms, classified by size:									
8 Under 3 acres .....	2	1	5	2	3	8		2	
9 3 to 9 acres .....	56	18	164	133	19	83		33	8
10 10 to 19 acres .....	41	14	120	85	33	84		29	18
11 20 to 49 acres .....	589	184	612	252	150	525		578	478
12 50 to 99 acres .....	1,170	197	1,501	604	259	1,097	1,326	984	479
13 100 to 174 acres .....	750	186	1,097	495	328	951	1,027	1,274	287
14 175 to 259 acres .....	175	45	200	75	161	320	255	302	54
15 260 to 499 acres .....	68	31	57	7	75	127	132	168	21
16 500 to 999 acres .....	11	9	4	1	10	9	10	15	4
17 1,000 acres and over .....	7	3					3	3	3
LAND AND FARM AREA									
18 Approximate land area .....	715,520	570,640	413,440	149,120	151,040	360,320	598,400	510,680	818,560
19 Land in farms .....	284,785	78,209	336,007	140,160	135,647	347,170	378,067	411,247	110,005
20 Land in farms in 1900 .....	212,292	41,232	319,599	141,589	130,363	333,041	318,791	393,857	54,232
21 Improved land in farms .....	133,061	17,723	223,965	100,257	70,175	203,646	149,577	218,140	23,105
22 Improved land in farms in 1900 .....	91,273	7,773	198,070	109,054	68,811	192,371	117,238	189,303	13,118
23 Woodland in farms .....	92,010	34,122	54,075	15,028	49,065	85,636	158,175	141,398	50,068
24 Other unimproved land in farms .....	58,814	20,364	57,967	15,865	15,807	57,897	70,305	51,700	45,892
25 Per cent of land area in farms .....	39.8	13.6	81.3	94.0	89.8	96.4	63.2	79.1	14.5
26 Per cent of farm land improved .....	47	22.7	68.6	78.0	51.7	58.7	39.6	53.0	19.4
27 Average acres per farm .....	99	114	92	82	131	108	111	127	88
28 Average improved acres per farm .....	47	26	61	64	68	63	44	68	17
VALUE OF FARM PROPERTY									
29 All farm property .....	14,288,083	1,872,309	20,506,630	16,348,184	5,071,873	18,997,048	16,606,522	18,532,537	3,280,783
30 All farm property in 1900 .....	5,891,800	606,688	16,711,032	11,497,728	3,274,998	10,733,194	6,468,007	8,577,154	1,147,805
31 Per cent increase, 1900-1910 .....	142.5	209.6	76.6	42.2	83.5	77.0	157.1	116.1	185.8
32 Land .....	8,041,788	1,000,345	18,637,238	10,443,620	3,627,735	11,935,890	9,910,737	11,492,053	1,847,285
33 Land in 1900 .....	3,514,170	294,390	10,460,030	8,031,680	1,964,800	6,835,360	3,746,940	5,305,400	615,810
34 Buildings .....	3,125,094	473,570	6,452,066	3,782,120	1,303,460	3,892,408	3,806,091	4,273,453	856,105
35 Buildings in 1900 .....	1,223,700	94,700	3,650,820	2,270,840	677,000	1,975,240	1,566,770	1,809,420	283,910
36 Implements and machinery .....	700,041	114,040	1,200,000	613,580	255,116	760,312	604,308	835,568	168,010
37 Implements, etc., in 1900 .....	320,670	37,910	685,220	358,260	152,780	478,760	311,010	405,700	60,500
38 Domestic animals, poultry, and bees .....	1,520,590	215,544	3,148,230	1,508,864	785,556	2,400,338	2,194,726	1,931,463	408,063
39 Domestic animals, etc., in 1900 .....	833,269	79,568	1,014,862	836,968	460,359	1,443,334	1,043,287	1,056,934	181,595
Per cent of value of all property in—									
40 Land .....	62.6	57.1	63.2	63.9	60.7	62.8	59.7	62.4	56.3
41 Buildings .....	21.9	25.2	21.9	23.1	21.8	20.5	22.9	23.0	26.1
42 Implements and machinery .....	4.9	6.1	4.3	3.8	4.3	4.0	4.2	4.5	5.1
43 Domestic animals, poultry, and bees .....	10.6	11.5	10.7	9.2	13.2	12.0	13.2	10.4	12.4
Average values:									
44 All property per farm .....	4,982	2,722	8,084	9,538	5,753	5,913	4,886	5,730	2,427
45 Land and buildings per farm .....	4,208	2,241	6,874	8,300	4,751	4,026	4,036	4,882	2,000
46 Land per acre .....	31.40	13.67	55.47	74.51	26.74	34.38	26.21	27.94	15.62
47 Land per acre in 1900 .....	16.55	7.13	32.73	59.75	14.41	20.49	11.75	13.47	7.51
DOMESTIC ANIMALS (farms and ranges)									
48 Farms reporting domestic animals .....	2,602	570	3,540	1,678	1,004	3,026	3,243	3,135	1,239
49 Value of domestic animals .....	1,481,349	206,925	3,061,375	1,463,101	755,252	2,327,185	2,143,337	1,880,991	306,071
Cattle:									
50 Total number .....	28,952	2,828	55,967	26,285	11,458	41,032	46,404	31,378	8,254
51 Dairy cows .....	15,709	1,470	30,693	16,094	6,593	18,579	23,811	18,783	4,359
52 Other cows .....	1,885	235	2,817	1,588	530	3,824	3,652	1,918	371
53 Yearling heifers .....	3,927	444	6,856	3,047	1,511	5,065	6,663	4,295	1,294
54 Calves .....	4,844	400	12,001	4,040	1,085	6,205	7,797	4,632	1,592
55 Yearling steers and bulls .....	1,818	140	2,507	670	740	4,258	3,379	1,141	455
56 Other steers and bulls .....	769	61	1,033	340	384	2,501	1,102	679	182
57 Value .....	574,911	67,032	1,366,214	740,408	241,082	825,143	972,344	654,160	168,485
Horses:									
58 Total number .....	7,243	1,027	11,795	5,732	3,400	10,420	8,759	9,255	1,870
59 Mature horses .....	6,582	996	10,753	5,222	3,139	9,536	8,066	8,049	1,786
60 Yearling colts .....	554	25	886	404	245	820	600	533	89
61 Spring colts .....	107	6	156	106	22	44	43	73	4
62 Value .....	807,540	128,489	1,301,704	627,425	393,554	1,200,231	993,331	1,080,068	214,972
63 Total number .....	14	6	30	14	11	34	41	34	8
64 Mature mules .....	14	6	39	12	11	32	34	32	8
65 Yearling colts .....				2		2	7	2	
66 Spring colts .....									
67 Value .....	1,820	725	4,580	718	1,075	4,010	4,735	2,760	900
Asses and burros:									
68 Number .....	1		1	1		1	2	2	
69 Value .....	30		100	50		10	30	500	
Swine:									
70 Total number .....	12,577	956	46,576	10,113	12,495	21,526	13,847	13,204	986
71 Mature hogs .....	6,837	527	24,252	5,509	5,087	11,867	8,244	8,181	567
72 Spring pigs .....	5,740	429	22,324	4,544	7,408	9,669	5,603	5,083	419
73 Value .....	82,993	8,799	293,265	73,816	92,409	175,137	128,875	118,930	8,814
Sheep:									
74 Total number .....	4,662	311	9,774	1,205	7,572	20,294	12,434	5,075	983
75 Rams, ewes, and wethers .....	2,836	224	6,113	678	5,202	23,154	8,423	3,371	636
76 Spring lambs .....	1,826	87	3,661	527	2,370	6,140	4,011	1,704	347
77 Value .....	14,008	1,309	35,457	4,539	27,090	122,208	43,856	17,810	3,347
Goats:									
78 Number .....	10	12	31	16	10	88	56	43	36
79 Value .....	38	61	55	55	42	276	100	148	153
POULTRY AND BEES									
80 Number of poultry of all kinds .....	91,276	14,782	172,645	102,903	76,204	161,075	121,395	105,027	27,280
81 Value .....	36,896	8,391	78,336	52,237	28,341	64,233	47,661	47,030	11,727
82 Number of colonies of bees .....	691	23	2,100	886	517	2,816	1,130	952	60
83 Value .....	2,435	228	8,475	3,526	1,063	8,980	3,723	3,433	295

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





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

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

	Walworth.	Washburn.	Washing- ton.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.	Indian-res- ervations.
1 Population.....	20,614	8,106	23,784	37,100	32,782	18,880	62,116	30,583	
2 <i>Population in 1900.....</i>	<i>20,250</i>	<i>5,521</i>	<i>23,580</i>	<i>36,229</i>	<i>31,615</i>	<i>15,972</i>	<i>58,225</i>	<i>25,805</i>	
3 Number of all farms.....	2,803	672	2,795	3,506	3,794	2,022	2,739	2,766	
4 <i>Number of all farms in 1900.....</i>	<i>2,754</i>	<i>449</i>	<i>2,573</i>	<i>3,549</i>	<i>3,692</i>	<i>2,739</i>	<i>2,773</i>	<i>2,569</i>	358
5 Color and nativity of farmers:									
6 Native white.....	2,064	532	2,095	2,330	2,070	1,851	1,843	1,394	
7 Foreign-born white.....	737	438	700	1,175	1,723	771	895	1,310	
8 Negro and other nonwhite.....	2	2		1	1		1	2	
9 Number of farms, classified by size:									
10 Under 3 acres.....	4		2	5	2		8	2	
11 3 to 9 acres.....	145	7	81	189	95		144	58	
12 10 to 19 acres.....	108	12	79	185	72		138	70	
13 20 to 49 acres.....	267	137	204	608	431		426	619	
14 50 to 99 acres.....	695	264	1,172	1,102	1,309		619	1,105	
15 100 to 174 acres.....	1,029	357	1,010	984	1,309	1,056	851	683	
16 175 to 259 acres.....	390	101	137	280	368	442	204	180	
17 260 to 499 acres.....	157	74	20	82	100	190	63	58	
18 500 to 999 acres.....	8	14		11	9	16	2	2	
19 1,000 acres and over.....		6				1		9	
20 LAND AND FARM AREA									
21 Approximate land area..... acres.....	358,400	534,400	275,840	351,360	485,700	413,440	293,760	517,760	
22 Land in farms..... acres.....	336,776	446,370	262,902	329,832	417,309	417,309	260,598	283,732	
23 <i>Land in farms in 1900.....</i>	<i>341,042</i>	<i>67,518</i>	<i>266,731</i>	<i>332,087</i>	<i>389,789</i>	<i>373,612</i>	<i>267,970</i>	<i>271,537</i>	46,699
24 Improved land in farms..... acres.....	246,544	41,587	173,830	230,514	221,248	226,165	187,551	107,957	
25 <i>Improved land in farms in 1900.....</i>	<i>244,419</i>	<i>13,039</i>	<i>185,101</i>	<i>241,428</i>	<i>195,122</i>	<i>211,874</i>	<i>201,672</i>	<i>91,966</i>	9,141
26 Woodland in farms..... acres.....	38,078	54,267	42,260	41,601	104,041	102,854	22,624	65,820	
27 Other unimproved land in farms..... acres.....	51,554	49,480	46,803	57,817	92,020	37,083	50,423	110,005	
28 Per cent of land area in farms.....	94.0	27.2	95.3	93.0	85.0	88.6	88.7	54.8	
29 Per cent of farm land improved.....	73.2	28.6	66.1	69.9	53.0	61.8	72.0	38.0	
30 Average acres per farm.....	120	150	94	94	110	140	95	105	
31 Average improved acres per farm.....	88	43	62	60	58	80	68	40	
32 VALUE OF FARM PROPERTY									
33 All farm property..... dollars.....	37,182,875	3,570,020	25,033,195	36,061,181	26,130,750	10,870,803	25,136,900	14,682,828	
34 <i>All farm property in 1900.....</i>	<i>24,590,235</i>	<i>702,811</i>	<i>20,000,303</i>	<i>27,021,943</i>	<i>12,478,165</i>	<i>9,262,133</i>	<i>17,471,199</i>	<i>6,199,768</i>	802,298
35 Per cent increase, 1900-1910.....	51.2	408.4	29.3	33.4	109.5	82.1	43.0	136.8	
36 Land..... dollars.....	23,305,250	2,372,028	16,334,361	21,762,525	16,034,055	10,286,784	10,082,820	9,182,822	
37 <i>Land in 1900.....</i>	<i>16,461,650</i>	<i>379,590</i>	<i>13,611,770</i>	<i>18,045,680</i>	<i>7,387,340</i>	<i>5,658,210</i>	<i>11,407,040</i>	<i>5,008,710</i>	655,580
38 Buildings..... dollars.....	8,236,000	639,543	6,035,040	9,272,489	6,285,435	4,024,000	5,503,733	3,342,070	
39 <i>Buildings in 1900.....</i>	<i>4,764,260</i>	<i>145,180</i>	<i>4,085,250</i>	<i>6,359,250</i>	<i>2,915,460</i>	<i>2,028,000</i>	<i>3,609,870</i>	<i>1,234,440</i>	76,580
40 Implements and machinery..... dollars.....	1,120,750	141,688	1,091,437	1,382,183	1,107,717	753,843	938,973	587,314	
41 <i>Implements, etc., in 1900.....</i>	<i>676,260</i>	<i>44,760</i>	<i>602,280</i>	<i>832,380</i>	<i>505,530</i>	<i>409,840</i>	<i>588,720</i>	<i>273,210</i>	51,310
42 Domestic animals, poultry, and bees..... dollars.....	4,460,875	417,361	2,472,357	3,443,984	2,711,949	1,800,170	2,611,383	1,570,022	
43 <i>Domestic animals, etc., in 1900.....</i>	<i>2,698,675</i>	<i>152,281</i>	<i>1,095,063</i>	<i>2,234,253</i>	<i>1,600,285</i>	<i>1,211,598</i>	<i>1,811,609</i>	<i>732,398</i>	58,888
44 Per cent of value of all property in—									
45 Land.....	62.8	66.4	63.0	60.3	61.3	61.0	64.0	62.5	
46 Buildings.....	22.2	17.9	23.3	25.7	24.0	23.8	21.0	22.8	
47 Implements and machinery.....	3.0	4.0	4.2	3.8	4.2	4.5	3.7	4.0	
48 Domestic animals, poultry, and bees.....	12.0	11.7	9.5	10.1	10.4	10.7	10.4	10.7	
49 Average values:									
50 All property per farm..... dollars.....	13,205	3,073	9,278	10,286	6,890	6,434	9,177	5,426	
51 Land and buildings per farm..... dollars.....	11,274	3,098	8,003	8,852	5,852	5,458	7,881	4,629	
52 Land per acre..... dollars.....	69.38	16.32	62.13	65.98	38.42	28.10	61.72	32.36	
53 <i>Land per acre in 1900.....</i>	<i>48.26</i>	<i>5.62</i>	<i>51.05</i>	<i>54.54</i>	<i>18.95</i>	<i>14.35</i>	<i>42.57</i>	<i>14.40</i>	15.61
54 DOMESTIC ANIMALS (farms and ranges)									
55 Farms reporting domestic animals.....	2,750	897	2,708	3,430	3,681	2,533	2,040	2,019	
56 Value of domestic animals..... dollars.....	4,315,156	405,508	2,304,194	3,600,217	2,653,970	1,738,938	2,530,132	1,524,315	
57 Cattle:									
58 Total number.....	60,737	7,030	39,650	51,478	51,536	28,652	43,829	32,501	
59 Dairy cows.....	39,147	3,625	24,250	31,938	31,152	17,403	26,256	18,405	
60 Other cows.....	3,848	493	2,000	3,248	2,371	1,501	2,078	2,161	
61 Yearling heifers.....	8,720	1,125	4,593	6,577	6,707	3,589	5,256	4,000	
62 Calves.....	6,046	1,172	5,827	7,480	8,605	4,700	7,009	5,324	
63 Yearling steers and bulls.....	1,525	457	1,101	1,233	1,673	825	1,485	1,345	
64 Other steers and bulls.....	1,451	224	913	1,002	1,028	394	1,055	600	
65 Value..... dollars.....	2,065,932	157,726	1,037,654	1,734,696	1,171,658	676,377	1,105,459	715,105	
66 Horses:									
67 Total number.....	13,703	2,026	10,304	13,182	11,156	8,232	9,751	6,996	
68 Mature horses.....	12,047	1,832	9,532	12,261	10,452	7,612	9,027	6,380	
69 Yearling colts.....	965	131	684	806	643	537	635	560	
70 Spring colts.....	61	13	88	115	61	83	80	41	
71 Value..... dollars.....	1,715,400	208,645	1,089,852	1,452,599	1,270,184	908,843	1,084,047	723,268	
72 Mules:									
73 Total number.....	35	19	48	73	24	35	25	11	
74 Mature mules.....	33	19	46	73	24	30	22	9	
75 Yearling colts.....	1					5	3		
76 Spring colts.....	1		2					2	
77 Value..... dollars.....	3,091	1,840	3,065	8,170	2,085	3,820	2,880	795	
78 Asses and burros:									
79 Number.....	2	1		8	5		8	1	
80 Value..... dollars.....	45	20		385	61		80	10	
81 Swine:									
82 Total number.....	50,528	1,913	28,727	28,668	23,672	17,720	30,041	8,136	
83 Mature hogs.....	24,468	1,448	14,448	13,071	11,294	9,421	14,552	4,830	
84 Spring pigs.....	32,060	465	14,279	15,597	12,378	8,308	15,489	3,306	
85 Value..... dollars.....	446,916	20,297	191,833	217,385	163,489	135,207	223,125	60,143	
86 Sheep:									
87 Total number.....	20,475	2,471	10,435	20,778	10,457	4,780	13,720	5,540	
88 Rams, ewes, and wethers.....	14,374	1,906	7,068	14,684	6,933	3,048	9,910	3,221	
89 Spring lambs.....	6,101	565	3,367	6,094	3,524	1,738	3,810	2,318	
90 Value..... dollars.....	82,751	10,771	41,932	92,942	39,884	14,444	40,321	18,574	
91 Goats:									
92 Number.....	30	42	71	19	111	25	74	85	
93 Value..... dollars.....	121	209	158	40	609	187	270	420	
94 POULTRY AND BEES									
95 Number of poultry of all kinds.....	229,345	24,653	175,383	215,523	154,618	132,270	138,077	88,173	
96 Value..... dollars.....	140,882	11,142	98,706	129,812	52,802	62,075	72,248	30,777	
97 Number of colonies of bees.....	1,308	174	2,311	2,033	1,452	1,370	2,437	1,597	
98 Value..... dollars.....	4,837	711	9,457	7,955	5,177	5,187	9,003	5,030	

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

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

	THE STATE.	Adams.	Ashland. <sup>1</sup>	Barron.	Bayfield.	Brown. <sup>1</sup>	Buffalo.
<b>FARMS OPERATED BY OWNERS</b>							
1	Number of farms.....	151,022	1,421	677	3,461	1,034	3,349
2	Number of farms in 1900.....	<i>145,408</i>	<i>1,635</i>	<i>465</i>	<i>2,823</i>	<i>441</i>	<i>3,354</i>
3	Per cent of all farms.....	85.3	84.5	94.3	80.8	95.2	81.0
4	Per cent of all farms in 1900.....	<i>85.6</i>	<i>88.8</i>	<i>96.1</i>	<i>94.0</i>	<i>94.8</i>	<i>85.9</i>
5	Land in farms.....acres	17,300,166	201,578	65,562	355,758	110,989	278,744
6	Improved land in farms.....acres	9,026,700	121,103	21,210	149,054	20,128	180,101
7	Value of land and buildings.....dollars	952,917,179	5,975,178	1,940,100	13,860,285	2,605,336	21,306,660
<b>Degree of ownership:</b>							
8	Farms consisting of owned land only.....	140,528	1,180	654	3,136	1,010	3,151
9	Farms consisting of owned and hired land.....	10,494	235	23	325	24	198
<b>Color and nativity of owners:</b>							
10	Native white.....	87,094	957	220	1,584	250	1,723
11	Foreign-born white.....	63,370	463	420	1,877	760	1,499
12	Negro and other nonwhite.....	540	1	28	6	6	127
<b>FARMS OPERATED BY TENANTS</b>							
13	Number of farms.....	24,654	240	20	372	41	240
14	Number of farms in 1900.....	<i>22,986</i>	<i>199</i>	<i>17</i>	<i>167</i>	<i>33</i>	<i>279</i>
15	Per cent of all farms.....	13.0	14.3	4.0	9.6	3.8	0.8
16	Per cent of all farms in 1900.....	<i>13.5</i>	<i>10.8</i>	<i>3.5</i>	<i>5.6</i>	<i>4.9</i>	<i>13.3</i>
17	Land in farms.....acres	3,335,777	41,159	4,130	45,949	5,188	20,549
18	Improved land in farms.....acres	2,125,738	19,006	1,588	19,369	1,368	13,850
19	Value of land and buildings.....dollars	224,109,819	1,056,540	180,050	1,731,097	122,011	1,029,730
<b>Form of tenancy:</b>							
20	Share tenants.....	11,238	100	7	114	0	40
21	Share-cash tenants.....	658	5	7	13	1	8
22	Cash tenants.....	10,629	57	16	217	21	170
23	Tenure not specified.....	2,120	18	0	28	11	22
<b>Color and nativity of tenants:</b>							
24	Native white.....	10,013	206	18	277	23	172
25	Foreign-born white.....	5,603	34	11	95	18	74
26	Negro and other nonwhite.....	38	1	1	1	1	40
<b>FARMS OPERATED BY MANAGERS</b>							
27	Number of farms.....	1,451	20	12	10	11	20
28	Number of farms in 1900.....	<i>1,391</i>	<i>8</i>	<i>7</i>	<i>14</i>	<i>1</i>	<i>19</i>
29	Land in farms.....acres	355,133	4,924	2,870	9,614	3,044	2,220
30	Improved land in farms.....acres	155,152	2,008	1,567	1,843	1,105	1,330
31	Value of land and buildings.....dollars	24,605,725	134,400	125,800	270,050	82,835	218,550
<b>MORTGAGE DEBT REPORTS:</b>							
<b>For all farms operated by owners:</b>							
32	Number free from mortgage debt.....	72,941	670	374	1,502	631	1,574
33	Number with mortgage debt.....	77,139	737	299	1,941	395	1,765
34	Number with no mortgage report.....	652	6	4	18	8	10
<b>For farms consisting of owned land only:</b>							
35	Number reporting debt and amount.....	60,308	584	283	1,095	375	1,605
36	Value of their land and buildings.....dollars	427,522,421	2,301,430	700,470	6,633,800	831,105	10,017,705
37	Amount of mortgage debt.....dollars	140,815,313	683,124	182,583	2,048,837	211,579	3,279,473
38	Per cent of value of land and buildings.....	34.3	20.7	23.1	30.9	25.4	32.7

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

<sup>2</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 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..	1,427,801	8,711	2,590	23,081	2,385	25,475	21,027
2	Dairy cows on farms reporting milk produced.....	number..	1,012,703	4,647	2,475	10,999	611	22,111	13,899
3	Milk—Produced.....	gallons..	458,327,049	1,583,897	1,057,825	4,653,118	391,920	9,640,932	6,000,328
4	Sold.....	gallons..	207,251,909	231,227	143,852	604,610	46,463	7,580,897	1,707,000
5	Cream sold.....	gallons..	7,142,970	43,325	14,850	29,285	1,535	29,814	85,007
6	Butter fat sold.....	pounds..	48,248,940	538,340	42,030	2,055,277	6,102	495,881	1,630,110
7	Butter—Produced.....	pounds..	27,200,509	230,657	149,335	431,349	266,142	426,670	337,533
8	Sold.....	pounds..	16,737,835	141,262	87,203	233,207	157,470	280,157	112,754
9	Cheese—Produced.....	pounds..	841,232	800	520	165	470	100	1,017
10	Sold.....	pounds..	824,428	800	125	5	100	.....	148
11	Value of dairy products, excluding home use of milk and cream.....	dollars..	53,808,028	205,350	77,621	702,617	77,211	974,062	773,931
12	Receipts from sale of dairy products.....	dollars..	51,238,390	242,085	62,008	741,118	51,374	638,842	713,199
<b>Poultry Products</b>									
13	Poultry—Raised.....	number..	9,959,694	76,661	20,450	122,141	25,748	130,336	128,879
14	Sold.....	number..	3,859,884	31,194	5,438	36,660	8,119	52,152	40,841
15	Eggs—Produced.....	dozens..	48,241,082	462,335	115,913	730,509	146,976	656,507	689,250
16	Sold.....	dozens..	32,208,830	314,655	48,067	473,924	76,140	370,592	453,170
17	Value of poultry and eggs produced.....	dollars..	13,388,924	111,300	33,131	174,163	33,131	175,214	163,377
18	Receipts from sale of poultry and eggs.....	dollars..	8,012,757	72,838	13,077	100,403	20,092	92,069	97,336
<b>Honey and Wax</b>									
19	Honey produced.....	pounds..	2,153,819	5,607	1,014	32,313	2,675	41,421	17,160
20	Wax produced.....	pounds..	65,402	270	5	1,939	55	728	1,063
21	Value of honey and wax produced.....	dollars..	235,723	656	127	3,862	316	4,060	2,008
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn.....	number..	587,035	1,913	885	9,658	801	2,216	17,437
23	Mohair and goat hair, fleeces shorn.....	number..	1,104	23	3	34	4	.....	6
24	Value of wool and mohair produced.....	dollars..	1,151,060	3,550	1,442	16,524	1,283	3,680	32,100
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves sold or slaughtered.....	number..	741,082	3,068	1,149	6,061	633	16,053	8,196
26	Other cattle sold or slaughtered.....	number..	498,836	5,369	806	11,024	1,274	7,954	7,833
27	Horses, mules, and asses and burros sold.....	number..	43,908	423	82	1,035	108	754	991
28	Pigs sold or slaughtered.....	number..	1,775,960	8,716	1,573	12,757	808	19,040	38,579
29	Sheep and goats sold or slaughtered.....	number..	413,821	978	499	7,668	2,816	2,930	9,857
30	Receipts from sale of animals.....	dollars..	42,241,870	259,302	30,067	488,426	47,199	389,004	846,804
31	Value of animals slaughtered.....	dollars..	7,562,766	50,884	20,931	141,889	26,537	209,569	116,824

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

Table with 11 columns (Burnett, Calumet, Chippewa, Clark, Columbia, Crawford, Dana, Dodge, Door) and rows categorized by farm ownership (owners, tenants, managers) and mortgage debt reports. Rows include metrics like number of farms, land in farms, value of land and buildings, and form of tenancy.

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

Table with 11 columns (Burnett, Calumet, Chippewa, Clark, Columbia, Crawford, Dana, Dodge, Door) and rows categorized by live stock products (Dairy, Poultry, Honey and Wax, Wool/Mohair) and domestic animals (Calves, Horses, Swine, Sheep). Rows include production volume and value.

# AGRICULTURE—WISCONSIN.

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

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

	Douglas.	Dunn.	Eau Claire.	Florence.	Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron. <sup>2</sup>	Jackson.	Jefferson.
1		2,907	1,916	256	3,362	220	3,145	1,730	1,233	1,965	114	2,087	2,082
2	803	<i>2,807</i>	<i>1,851</i>	176	<i>3,418</i>	51	<i>3,321</i>	<i>1,854</i>	<i>1,484</i>	<i>2,048</i>	75	<i>2,236</i>	<i>2,795</i>
3	94.1	88.2	88.8	93.4	79.2	92.8	77.5	70.2	77.0	78.8	65.8	87.6	79.9
4	86.8	87.1	82.6	91.6	79.0	86.4	78.7	73.0	81.8	80.2	90.4	90.6	80.0
5	83,278	396,044	261,205	24,033	333,774	25,056	521,828	242,462	142,340	358,218	13,507	324,583	240,064
6	16,919	206,714	161,142	7,657	241,598	5,266	308,157	188,016	85,650	227,208	3,689	153,288	162,058
7	1,816,190	14,014,440	10,471,962	637,205	28,651,756	608,228	26,116,741	20,880,226	8,545,155	19,731,082	327,725	10,171,121	22,264,005
8	781	2,015	1,707	249	3,083	200	2,880	1,580	1,152	1,820	111	1,836	2,556
9	22	292	269	7	279	20	256	141	81	136	3	251	126
10	249	1,583	1,076	40	2,343	163	2,486	1,141	574	1,406	31	1,112	1,701
11	551	1,324	839	216	1,019	47	650	689	650	499	78	966	1,080
12	3	1	1	1	1	10	3	1	1	1	5	9	1
13	34	362	221	12	840	12	891	706	357	510	5	279	646
14	30	<i>389</i>	<i>154</i>	6	<i>800</i>	7	<i>874</i>	<i>474</i>	<i>300</i>	<i>481</i>	1	<i>208</i>	<i>687</i>
15	4.0	11.0	10.2	4.4	10.8	5.1	22.0	28.6	22.3	20.4	4.2	11.7	19.2
16	11.7	12.0	8.9	8.1	10.9	11.9	26.7	26.5	17.4	18.9	1.2	8.4	18.2
17	4,698	60,148	33,550	764	104,797	2,036	161,592	111,805	61,506	98,682	451	46,722	81,111
18	1,517	33,886	22,152	321	76,297	653	101,009	88,395	42,715	62,536	220	26,071	52,300
19	427,050	2,304,610	1,536,803	22,500	8,919,870	63,550	8,801,118	9,834,603	4,567,090	5,710,072	10,300	1,625,510	6,750,265
20	1	186	101	1	555	2	319	423	276	119	1	132	296
21	3	9	14	1	18	1	26	8	3	20	1	10	5
22	15	115	88	10	240	7	424	263	66	292	3	104	296
23	15	52	18	1	27	2	122	12	12	70	1	33	49
24	8	287	180	2	679	12	830	553	248	453	3	225	467
25	26	75	35	10	161	1	61	168	169	57	2	53	179
26	16	28	21	6	40	5	20	20	12	20	1	16	28
27	4	28	31	10	48	1	24	18	18	24	7	24	51
28	4,278	8,412	3,704	3,469	6,437	1,118	5,018	3,044	4,078	6,124	1	3,618	4,351
29	1,484	4,542	2,507	613	4,843	210	3,411	2,954	1,937	3,412	1	1,851	3,274
30	169,590	422,900	294,500	48,400	620,450	24,450	337,660	405,080	608,060	307,760	1	107,876	472,300
31	524	1,472	930	169	1,634	92	1,610	765	655	1,008	72	970	1,356
32	250	1,417	969	87	1,714	126	1,501	949	575	934	37	1,098	1,295
33	29	18	11	1	14	2	25	16	3	23	5	10	1
34	247	1,107	825	83	1,528	107	1,390	832	515	841	34	913	1,184
35	660,750	5,724,515	4,108,757	221,875	13,586,550	321,075	11,238,573	10,456,227	3,582,880	8,044,685	114,290	4,180,910	6,813,600
36	124,490	1,627,455	1,177,312	60,518	5,229,518	85,820	4,506,080	4,532,088	1,406,775	3,228,225	23,615	1,293,170	4,116,352
37	18.8	26.7	28.6	22.8	38.5	26.7	40.1	43.3	39.1	36.1	20.7	30.9	41.9

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

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

1	2,085	24,061	13,964	688	42,380	528	36,520	42,877	14,032	32,048	402	16,592	39,532
2	1,233	9,847	9,498	456	25,224	349	19,877	26,427	6,612	24,960	350	11,654	27,854
3	528,862	3,046,800	4,109,426	189,068	12,615,172	140,719	7,073,498	13,590,420	2,895,070	9,672,411	199,794	4,016,607	13,930,326
4	270,945	212,049	661,604	5,152	11,022,550	13,177	2,838,506	10,461,408	142,830	10,673,081	7,413	117,327	12,061,028
5	15,511	413,241	117,971	3,579	269,185	2,943	367,222	17,056	44,233	30,028	4,297	51,159	105,982
6	4,346	1,371,672	782,769	167	1,179,598	2,572	1,417,070	62,394	894,384	216,676	6,792	1,118,869	1,241,896
7	136,011	412,034	374,748	69,738	998,469	47,955	486,385	319,725	529,143	107,720	23,373	470,581	235,024
8	62,271	172,280	221,270	35,716	847,873	23,278	309,634	222,870	437,700	116,236	12,339	267,125	212,941
9	60	796	796	796	3,000	3,000	3,000	3,000	3,000	3,000	300	250	300
10	25	500	500	500	3,000	3,000	3,000	3,000	3,000	3,000	300	250	300
11	96,242	762,020	461,690	20,480	1,845,809	19,331	1,660,892	1,906,714	423,672	1,103,878	12,070	483,840	1,695,127
12	78,121	699,819	421,749	11,831	1,810,773	12,683	1,016,010	1,881,892	400,458	1,082,372	9,579	432,143	1,688,437
13	21,919	146,524	105,471	6,610	278,148	8,885	339,746	184,862	117,416	180,354	5,140	113,766	301,872
14	6,167	50,834	36,144	1,902	122,283	1,629	125,114	80,012	45,393	67,133	1,313	44,609	120,349
15	100,269	714,863	479,000	39,719	1,268,343	32,305	1,342,740	963,602	439,846	759,366	23,748	673,818	1,435,396
16	46,437	458,041	268,017	17,239	843,300	11,742	997,494	698,471	294,394	539,190	8,981	466,398	1,147,501
17	34,387	181,700	128,359	12,204	376,033	12,343	394,074	266,569	128,950	225,532	7,081	169,520	416,114
18	14,832	104,986	66,612	5,097	220,486	3,680	240,323	169,077	73,597	135,551	2,647	105,421	284,292
19	1,955	35,465	34,080	150	66,874	72,537	87,735	7,346	17,231	54	43,675	21,108	
20	245	669	877	1,727	8,209	3,658	982	107	277	3	954	201	
21	254	4,217	3,711	15	8,209	6,070	4,356	1,056	1,792	12	4,622	2,732	
22	562	12,514	5,318	360	20,098	7	20,605	7,554	11,650	11,205	46	6,640	2,984
23	5	1	1	1	1	1	1	1	1	1	1	1	1
24	830	22,730	10,293	685	42,023	6	57,902	14,092	24,062	23,732	79	13,723	5,557
25	700	7,762	5,645	341	22,231	178	10,275	20,322	7,385	16,748	89	6,798	24,639
26	744	9,343	3,894	324	12,741	207	27,297	10,293	3,338	20,338	211	5,978	8,880
27	57	924	666	34	1,066	32	2,021	845	309	1,111	6	676	583
28	640	31,738	16,391	299	51,710	208	114,558	73,517	29,279	48,342	255	19,296	47,411
29	446	6,987	3,269	134	10,789	18	21,353	4,627	5,285	10,296	529	4,174	2,320
30	23,453	675,091	347,730	8,342	1,184,990	8,263	3,000,904	1,622,680	538,498	1,711,522	6,112	511,047	1,067,176
31	17,859	110,385	80,869	9,879	223,244	5,240	210,820	110,303	69,597	111,288	7,688	76,880	141,590

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

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

Table with 10 columns representing counties: Juneau, Kenosha, Kewaunee, La Crosse, Lafayette, Langlade, Lincoln, Manitowoc, and Marathon. Rows include 'FARMS OPERATED BY OWNERS', 'FARMS OPERATED BY TENANTS', and 'FARMS OPERATED BY MANAGERS', each with sub-rows for number of farms, acreage, value, and demographic details.

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

Table with 10 columns representing counties: Juneau, Kenosha, Kewaunee, La Crosse, Lafayette, Langlade, Lincoln, Manitowoc, and Marathon. Rows are categorized into 'LIVE STOCK PRODUCTS' (Dairy, Poultry, Honey and Wax, Wool, Mohair, and Goat Hair) and 'DOMESTIC ANIMALS SOLD OR SLAUGHTERED'.

# AGRICULTURE—WISCONSIN.

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

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

	Marquette.	Marquette.	Millwaukee.	Monroe.	Oconto. <sup>1</sup>	Oneida. <sup>2</sup>	Outagamia. <sup>3</sup>	Ozaukee.	Pepin.	Pierce.	Polk.	Portage.	Price.
1	1,892	1,304	1,560	2,990	2,712	639	3,338	1,518	931	2,743	3,100	2,903	1,304
2	1,243	1,305	1,740	3,350	2,114	327	3,112	1,600	934	2,928	2,747	2,605	897
3	93.9	88.3	63.8	85.8	94.6	92.9	91.4	88.6	89.7	85.4	93.0	89.0	96.4
4	95.6	89.6	67.5	89.3	94.3	93.4	89.4	90.3	88.6	88.1	94.6	88.4	98.0
5	290,557	233,936	70,617	390,053	267,018	70,460	303,882	123,328	110,646	286,628	341,977	362,667	112,166
6	72,345	110,601	60,737	194,611	124,463	15,943	201,651	90,236	61,500	164,062	135,707	180,100	22,048
7	6,218,340	6,937,542	16,932,070	14,421,022	11,241,952	1,307,705	22,502,559	12,607,090	4,320,526	13,017,578	12,487,081	13,711,106	2,571,430
8	1,734	1,247	1,290	2,724	2,520	597	3,104	1,440	795	2,402	2,964	2,801	1,277
9	68	57	270	275	192	42	144	72	136	341	196	102	27
10	730	938	948	1,901	1,118	274	1,983	1,071	518	1,451	1,176	1,418	251
11	1,064	366	612	908	1,592	359	1,160	447	413	1,292	1,083	1,485	1,052
12	8	.....	.....	10	2	6	183	.....	.....	.....	1	.....	1
13	87	103	833	470	136	36	297	187	104	453	210	207	41
14	45	139	303	387	89	77	344	163	118	385	143	348	15
15	4.5	11.0	34.1	13.4	4.7	5.2	8.1	10.9	10.9	14.1	6.4	9.2	3.0
16	5.5	10.0	10.2	10.4	4.0	4.8	9.9	8.8	11.2	11.6	4.9	11.0	1.7
17	11,040	30,800	41,210	69,875	12,078	5,087	29,640	15,577	14,053	57,053	27,607	40,806	4,074
18	4,111	15,545	34,292	35,023	6,480	1,125	20,727	11,905	8,170	37,073	12,178	25,550	730
19	361,450	1,062,080	10,530,305	2,796,105	552,420	103,710	2,290,770	1,600,360	509,675	2,070,470	996,360	1,764,800	84,050
20	12	83	31	305	30	7	61	30	57	265	73	219	2
21	8	2	10	14	1	1	11	2	8	15	3	.....	.....
22	56	52	502	146	82	19	298	142	31	103	95	63	36
23	11	26	200	5	14	9	17	13	8	70	48	12	3
24	59	130	611	410	94	14	236	155	89	363	132	237	20
25	28	24	322	51	38	22	55	32	16	90	80	60	15
26	.....	.....	.....	4	.....	.....	6	.....	.....	.....	1	.....	.....
27	30	9	50	25	20	13	15	9	3	17	20	20	7
28	12	5	22	15	53	6	23	10	2	10	17	70	.....
29	7,932	1,800	4,071	7,551	4,788	2,602	2,485	1,265	1,048	2,508	8,473	7,774	2,765
30	3,018	760	3,180	2,371	3,018	655	1,287	1,120	805	1,611	1,032	3,499	327
31	269,800	66,000	1,622,300	372,274	273,080	70,500	289,975	118,300	32,000	134,250	233,087	200,600	43,000
32	737	740	618	1,403	1,041	204	1,356	820	592	1,484	1,404	1,226	730
33	1,056	554	612	1,492	1,063	344	1,973	695	335	1,236	1,550	1,071	571
34	9	4	30	44	8	1	9	3	4	23	110	6	3
35	987	597	474	1,320	1,521	316	1,810	648	208	1,007	1,406	1,677	534
36	3,495,620	2,581,350	4,038,808	6,810,965	5,001,045	767,705	12,283,500	5,253,485	1,183,105	4,442,682	5,426,885	6,748,223	1,055,555
37	967,619	816,907	1,144,720	2,141,323	1,714,787	204,700	4,434,142	1,692,320	316,014	1,380,005	1,634,720	1,044,054	285,961
38	27.7	31.6	28.3	31.4	29.0	20.7	30.1	32.2	20.7	31.1	30.1	28.8	27.1

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

## SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1900—Continued.

1	5,038	10,075	10,627	29,631	15,314	1,400	30,193	15,805	6,350	17,012	22,473	18,463	4,231
2	5,234	6,888	8,446	21,478	10,389	914	20,111	13,345	4,304	6,361	15,155	15,122	2,897
3	1,500,000	2,541,824	5,143,375	8,870,053	4,616,487	391,213	9,492,384	6,475,270	1,636,321	3,587,825	6,465,098	5,796,365	1,145,751
4	621,682	154,981	4,033,121	371,241	1,536,604	89,705	9,468,834	6,197,105	63,521	96,528	1,836,111	383,046	143,206
5	44,989	48,331	16,938	183,146	97,171	1,487	106,856	54,134	33,265	89,282	29,780	26,468	28,978
6	32,000	774,608	61,905	2,437,588	417,904	.....	214,340	63,081	464,281	1,200,548	1,525,465	1,665,134	80,030
7	509,199	101,260	484,185	547,675	484,312	140,806	575,922	224,507	160,160	512,933	563,702	273,505	260,250
8	303,324	72,551	337,513	236,972	218,726	78,859	405,718	132,250	50,574	138,917	366,155	126,385	130,144
9	1,094	.....	28,241	2,000	200	75	25,703	25	1,350	20	128,772	55,675	6,175
10	1,094	.....	27,530	2,000	.....	30	25,663	25	1,250	.....	127,044	55,675	5,765
11	235,987	285,240	675,178	1,040,632	410,950	53,204	1,227,745	713,720	101,801	523,359	773,834	666,348	121,516
12	187,065	270,600	643,127	973,156	348,773	37,250	1,182,201	688,257	164,324	438,830	737,645	576,100	90,061
13	72,335	98,831	159,241	183,039	111,581	19,264	194,063	100,437	58,000	147,207	128,487	115,017	29,102
14	22,801	37,308	60,000	80,025	35,106	6,330	68,968	37,096	21,255	40,800	20,724	34,403	6,031
15	322,529	385,946	502,971	942,235	519,394	90,115	940,463	623,037	436,098	909,737	687,145	549,035	104,011
16	169,043	284,667	284,830	600,641	299,573	34,044	600,103	424,208	331,989	647,224	429,848	205,317	85,828
17	92,401	116,638	188,447	246,876	139,590	20,698	257,556	174,707	100,078	217,287	172,087	141,048	47,186
18	44,611	74,704	93,983	149,372	71,303	10,972	149,595	106,716	70,037	138,820	91,080	63,427	20,150
19	0,071	2,280	45,828	51,112	11,424	971	67,564	22,405	7,451	42,327	9,099	10,449	1,775
20	50	10	1,069	1,139	200	.....	2,886	423	99	493	411	317	.....
21	1,061	310	5,161	5,520	1,288	125	7,281	2,429	979	4,964	1,230	2,264	279
22	2,061	5,368	155	14,791	2,802	173	5,641	477	4,430	22,343	6,991	3,119	526
23	.....	7	12	.....	.....	3	.....	.....	.....	.....	22	.....	3
24	3,566	10,788	340	30,653	4,428	265	9,637	898	8,749	40,306	11,540	5,946	708
25	3,312	6,572	6,093	11,008	6,270	470	21,792	9,902	2,658	4,475	6,238	7,054	1,731
26	2,996	3,965	3,810	9,740	4,713	606	9,553	2,145	1,941	10,314	9,022	5,415	1,398
27	303	363	188	917	590	95	773	289	425	803	694	514	112
28	6,757	12,771	7,491	34,868	13,592	780	43,327	12,598	11,018	21,394	13,322	13,989	1,070
29	2,043	2,561	80	8,811	2,081	116	4,904	354	2,363	13,131	4,277	2,198	320
30	83,205	305,286	208,076	701,368	227,063	22,223	830,456	216,616	246,785	632,066	423,682	269,679	34,798
31	75,607	55,725	77,522	155,027	115,409	20,794	192,097	109,826	43,534	112,554	94,672	145,404	40,878

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

	Racine.	Richland.	Rock.	Rusk.	St. Croix.	Sauk.	Sawyer.	Shawano. <sup>1</sup>	Sheboygan.	
<b>FARMS OPERATED BY OWNERS</b>										
1	Number of farms.....	1,695	1,093	2,520	983	2,084	3,248	362	3,384	3,243
2	Number of farms in 1900.....	<i>1,572</i>	<i>2,257</i>	<i>2,442</i>	( <sup>2</sup> )	<i>2,728</i>	<i>3,333</i>	<i>144</i>	<i>3,022</i>	<i>3,074</i>
3	Per cent of all farms.....	76.9	78.3	66.8	92.0	86.0	85.3	93.3	95.4	88.9
4	Per cent of all farms in 1900.....	<i>74.2</i>	<i>82.8</i>	<i>63.8</i>	( <sup>2</sup> )	<i>86.8</i>	<i>86.8</i>	<i>90.6</i>	<i>97.5</i>	<i>86.0</i>
5	Land in farms.....acres	144,933	277,945	207,110	87,981	344,070	421,788	38,238	356,014	272,704
6	Improved land in farms.....acres	107,784	145,522	210,867	22,173	239,352	235,804	9,211	161,071	202,948
7	Value of land and buildings.....dollars	14,192,742	13,409,135	24,234,541	2,305,000	16,469,900	22,682,550	881,509	17,230,575	24,031,915
<b>Degree of ownership:</b>										
8	Farms consisting of owned land only.....	1,517	1,845	2,275	941	2,401	3,032	347	3,282	3,110
9	Farms consisting of owned and hired land.....	178	148	254	42	283	216	15	102	133
<b>Color and nativity of owners:</b>										
10	Native white.....	1,018	1,728	1,630	476	1,317	2,539	186	1,428	2,311
11	Foreign-born white.....	677	205	888	503	1,367	708	172	1,025	932
12	Negro and other nonwhite.....			2	4		1	4	31	
<b>FARMS OPERATED BY TENANTS</b>										
13	Number of farms.....	480	520	1,220	60	421	550	21	147	885
14	Number of farms in 1900.....	<i>524</i>	<i>430</i>	<i>1,355</i>	( <sup>2</sup> )	<i>407</i>	<i>532</i>	0	<i>70</i>	<i>480</i>
15	Per cent of all farms.....	22.2	20.0	32.4	6.2	13.5	14.4	5.4	4.1	10.6
16	Per cent of all farms in 1900.....	<i>24.7</i>	<i>16.1</i>	<i>35.4</i>	( <sup>2</sup> )	<i>12.9</i>	<i>13.7</i>	<i>5.7</i>	<i>2.2</i>	<i>13.4</i>
17	Land in farms.....acres	51,827	77,748	100,855	8,242	69,471	79,163	2,947	14,070	31,141
18	Improved land in farms.....acres	37,047	40,717	135,293	1,503	54,501	45,980	769	7,640	22,700
19	Value of land and buildings.....dollars	4,042,730	3,893,350	14,476,560	186,758	3,429,060	4,474,965	78,490	740,725	2,757,132
<b>Form of tenancy:</b>										
20	Share tenants.....	54	388	852	17	256	221	4	42	73
21	Share-cash tenants.....	6	8	38	1	27	6	2	5	26
22	Cash tenants.....	326	94	266	38	77	280	4	77	267
23	Tenure not specified.....	103	36	70	10	61	43	11	20	19
<b>Color and nativity of tenants:</b>										
24	Native white.....	306	507	889	58	312	475	12	108	208
25	Foreign-born white.....	183	19	337	7	109	75	8	33	87
26	Negro and other nonwhite.....			1			1	1	6	
<b>FARMS OPERATED BY MANAGERS</b>										
27	Number of farms.....	19	27	32	20	14	8	5	18	19
28	Number of farms in 1900.....	<i>22</i>	<i>30</i>	<i>52</i>	( <sup>2</sup> )	<i>8</i>	<i>21</i>	0	<i>8</i>	<i>18</i>
29	Land in farms.....acres	2,652	6,387	5,470	17,415	3,745	2,223	1,864	9,042	2,371
30	Improved land in farms.....acres	1,938	3,062	4,449	2,193	2,645	988	448	1,498	1,561
31	Value of land and buildings.....dollars	420,060	469,250	506,880	314,450	209,000	133,500	53,000	211,200	229,200
<b>MORTGAGE DEBT REPORTS*</b>										
<b>For all farms operated by owners:</b>										
32	Number free from mortgage debt.....	843	915	1,057	419	1,246	1,632	202	1,454	1,552
33	Number with mortgage debt.....	341	1,065	1,454	556	1,427	1,597	157	1,028	1,673
34	Number with no mortgage report.....	11	13	18	8	11	19	3	2	18
<b>For farms consisting of owned land only:</b>										
35	Number reporting debt and amount.....	734	935	1,206	519	1,210	1,440	148	1,811	1,572
36	Value of their land and buildings.....dollars	5,300,030	6,288,605	11,806,586	1,110,245	7,080,365	9,984,625	380,040	8,538,735	11,007,712
37	Amount of mortgage debt.....dollars	2,025,875	2,098,338	4,907,743	315,231	2,150,063	3,887,779	98,233	2,410,847	5,029,265
38	Per cent of value of land and buildings.....	37.0	33.4	41.6	28.4	30.4	38.9	25.8	28.2	42.2

\* 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.....	19,039	27,306	33,901	3,001	23,804	35,162	829	24,244	38,786
2	Dairy cows on farms reporting milk produced.....	17,192	21,202	21,084	2,157	7,197	26,483	499	20,947	34,162
3	Milk—Produced.....gallons	8,406,312	9,178,800	8,646,103	803,555	3,078,692	11,651,871	154,131	8,728,344	21,657,227
4	Sold.....gallons	7,905,234	7,358,369	5,781,402	588,584	1,390,881	3,355,776	20,799	4,033,608	23,047,744
5	Cream sold.....gallons	40,960	50,128	204,387	4,836	114,388	104,450	10	151,410	11,786
6	Butter fat sold.....pounds	13,345	431,139	1,024,260	42,260	1,487,019	2,781,451		948,800	20,066
7	Butter—Produced.....pounds	243,999	440,406	830,330	252,771	602,910	392,730	74,361	500,001	257,768
8	Sold.....pounds	179,909	365,823	650,723	148,403	420,319	241,113	40,447	198,535	106,385
9	Cheese—Produced.....pounds	691	45,431	45,431		160		410	100	1,343
10	Sold.....pounds	281	45,330	45,330		130				1,150
11	Value of dairy products, excluding home use of milk and cream.....dollars	933,657	1,073,900	1,240,484	83,748	705,962	1,243,728	20,094	738,188	2,368,845
12	Receipts from sale of dairy products.....dollars	916,282	1,054,806	1,195,550	59,032	718,216	1,203,579	12,370	668,093	2,269,677
<b>Poultry Products</b>										
13	Poultry—Raised.....number	220,004	153,496	324,786	29,208	142,325	282,054	10,216	155,410	183,759
14	Sold.....number	113,371	58,538	152,138	6,026	45,340	121,922	2,252	45,418	80,723
15	Eggs—Produced.....dozens	807,002	709,908	1,318,496	144,891	685,289	1,469,778	51,740	819,040	1,399,920
16	Sold.....dozens	556,193	469,872	944,294	78,890	391,895	1,071,993	21,028	485,274	1,069,446
17	Value of poultry and eggs produced.....dollars	287,380	181,381	414,750	40,398	188,191	387,180	14,971	201,789	344,595
18	Receipts from sale of poultry and eggs.....dollars	187,118	106,197	261,409	17,931	98,776	250,511	5,611	104,077	246,315
<b>Honey and Wax</b>										
19	Honey produced.....pounds	9,207	68,830	20,430	17,885	25,312	32,413		28,030	78,594
20	Wax produced.....pounds	99	1,253	3,042	623	459	877		796	2,157
21	Value of honey and wax produced.....dollars	1,145	5,704	4,088	1,925	3,548	3,897		3,383	8,243
<b>Wool, Mohair, and Goat Hair</b>										
22	Wool, fleeces shorn.....number	7,162	27,272	18,779	1,093	17,096	15,461	473	9,430	1,491
23	Mohair and goat hair, fleeces shorn.....number	1	3	105		26	8	1	16	
24	Value of wool and mohair produced.....dollars	14,154	52,404	34,615	1,913	30,964	31,922	905	15,722	2,903
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>										
25	Calves sold or slaughtered.....number	13,024	15,843	18,651	805	4,290	19,042	231	11,609	27,810
26	Other cattle sold or slaughtered.....number	7,728	11,156	13,321	1,428	7,557	11,759	599	5,339	5,443
27	Horses, mules, and asses and burros sold.....number	632	833	1,367	98	791	996	24	546	513
28	Pigs sold or slaughtered.....number	22,908	43,684	76,573	1,507	14,407	62,582	386	26,470	31,750
29	Sheep and goats sold or slaughtered.....number	3,679	20,367	27,891	834	5,974	9,410	297	7,434	895
30	Receipts from sale of animals.....dollars	639,114	1,123,092	2,066,844	46,266	427,035	1,416,780	12,588	383,363	576,492
31	Value of animals slaughtered.....dollars	94,625	97,163	101,613	24,644	111,371	152,005	12,069	162,531	228,576

## AGRICULTURE—WISCONSIN.

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

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

	Taylor.	Trempealeau.	Vernon.	Vilas. <sup>2</sup>	Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.	Indian reservations.
1	1,520	2,603	3,424	132	1,800	890	2,472	2,745	3,417	2,233	2,180	2,514	.....
2	1,145	2,803	3,692	79	1,903	410	2,663	2,772	3,333	2,384	2,228	2,196	.....
3	96.1	86.5	85.5	88.6	61.4	92.2	88.4	78.3	90.1	85.2	79.0	92.0	.....
4	97.8	89.3	87.2	81.6	69.1	93.5	89.2	78.1	90.7	87.0	80.3	93.0	849
5	130,087	381,018	417,433	16,172	197,807	124,286	231,828	244,360	371,736	311,168	190,353	247,530	.....
6	32,185	219,028	224,200	3,804	146,266	30,827	152,004	173,000	195,702	191,607	143,074	97,065	.....
7	4,251,902	14,485,595	18,150,972	466,950	17,862,200	2,522,366	19,580,431	22,641,446	19,018,480	12,140,900	15,867,905	11,290,383	.....
8	1,451	2,304	3,183	118	1,072	777	2,343	2,548	3,250	2,008	1,990	2,352	.....
9	69	209	241	14	134	119	129	197	167	165	190	162	.....
10	500	1,216	2,202	51	1,285	479	1,822	1,769	1,770	1,522	1,438	1,255	.....
11	1,020	1,387	1,208	79	510	415	950	975	1,637	711	750	1,257	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	47	390	566	12	919	61	284	701	353	374	520	165	.....
14	20	504	525	4	818	19	292	709	296	346	498	134	.....
15	3.0	13.3	14.1	8.0	32.8	6.3	10.2	20.0	9.3	14.3	18.0	6.1	.....
16	1.7	9.7	12.4	4.8	29.7	4.2	10.2	20.0	8.1	12.6	18.0	6.7	0.7
17	5,007	68,887	68,154	1,761	128,206	10,052	26,837	75,343	40,682	52,746	57,107	18,576	.....
18	1,305	40,990	37,165	435	93,929	2,988	18,250	50,958	23,013	33,359	41,601	6,954	.....
19	106,335	2,868,200	2,848,135	50,970	11,175,730	214,905	3,327,270	6,474,114	2,152,460	2,060,730	4,421,510	712,100	.....
20	0	189	442	3	509	17	92	154	205	269	215	71	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	35	172	93	4	12	3	2	14	9	3	34	3	.....
23	6	30	10	5	380	17	179	515	119	44	254	71	.....
24	23	306	473	5	726	42	242	522	272	317	383	120	.....
25	24	93	91	6	193	19	42	179	81	57	137	45	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	15	6	13	5	78	15	39	60	24	15	30	27	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	1,357	1,196	2,159	1,330	10,673	11,032	4,237	10,120	4,891	2,188	4,078	17,007	.....
30	402	751	1,304	360	6,358	1,722	2,125	6,550	2,473	1,199	2,070	3,038	.....
31	56,630	119,500	152,550	62,660	2,563,320	274,300	461,700	1,919,454	240,150	100,100	1,297,138	523,000	.....
32	629	1,333	1,800	64	831	448	1,291	1,402	1,597	1,040	1,127	1,027	.....
33	884	1,258	1,587	67	950	445	1,175	1,332	1,006	1,170	1,053	1,485	.....
34	7	12	37	1	25	3	6	11	4	14	9	2	.....
35	821	1,118	1,421	60	860	369	1,002	1,209	1,761	1,055	918	1,342	.....
36	2,230,215	5,904,325	7,394,343	198,340	8,619,745	1,059,000	8,486,115	9,506,515	6,928,785	5,433,500	6,700,395	5,706,016	.....
37	626,802	1,832,369	2,561,707	38,936	3,580,007	225,088	2,920,002	3,593,724	3,223,624	1,761,683	2,643,008	1,739,517	.....
38	28.1	30.7	34.7	19.0	41.6	21.3	34.5	37.4	32.5	32.2	39.4	30.5	.....

<sup>2</sup> No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

### SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1900—Continued.

1	7,745	25,049	30,107	312	37,840	3,401	23,894	31,237	30,630	17,275	25,870	17,790	.....
2	3,371	20,954	22,050	191	32,433	2,447	18,774	21,037	25,015	10,888	23,687	10,225	.....
3	1,303,605	9,403,808	8,566,150	90,672	17,188,049	1,101,189	8,000,211	11,180,597	11,410,778	7,795,969	11,698,162	4,480,025	.....
4	241,542	139,078	373,777	8,586	17,453,601	24,329	7,411,931	7,880,901	5,989,835	641,575	5,748,811	2,707,275	.....
5	72,080	173,233	47,502	192	148,183	37,801	60,810	434,667	203,161	68,744	96,660	168,141	.....
6	445,190	2,072,713	1,917,310	.....	313,383	87,000	453,030	392,050	1,510,928	1,789,044	1,213,480	719,477	.....
7	219,120	533,782	1,085,207	30,370	49,850	187,310	345,800	1,048,522	398,400	108,962	226,072	230,518	.....
8	87,080	188,594	610,051	16,495	30,413	99,463	155,858	937,484	184,461	96,584	598,861	129,889	.....
9	627	100	332,585	.....	.....	250	27,083	29,137	.....	300	.....	26,004	.....
10	600	.....	332,510	.....	.....	250	21,048	28,287	.....	300	.....	24,715	.....
11	240,383	818,982	938,895	11,435	1,000,031	101,598	921,805	1,538,821	1,202,011	645,950	1,155,350	610,475	.....
12	208,550	731,752	814,386	6,419	1,000,552	81,244	879,494	1,511,755	1,170,847	635,078	1,114,153	583,794	.....
13	35,454	168,280	211,048	5,144	271,882	24,801	230,442	207,052	152,750	140,684	212,218	95,025	.....
14	5,127	71,363	83,028	1,084	122,637	6,708	98,121	135,670	52,818	68,115	90,901	32,800	.....
15	220,275	1,015,988	1,049,716	10,366	1,108,788	130,401	918,040	1,183,729	830,660	723,627	747,831	530,123	.....
16	95,566	707,770	721,941	6,053	810,307	65,945	680,861	799,770	539,259	528,091	662,602	309,022	.....
17	52,057	255,040	276,666	7,174	358,207	30,224	209,334	386,077	206,421	100,661	210,660	132,289	.....
18	10,410	176,205	169,187	2,245	227,609	14,243	182,680	237,185	119,929	126,096	142,278	70,250	.....
19	9,605	40,755	143,750	.....	17,331	1,812	71,592	44,172	30,907	10,393	58,540	37,540	.....
20	211	414	1,737	.....	290	270	1,716	2,438	598	647	537	3,132	.....
21	1,134	4,507	11,943	.....	2,741	310	6,513	6,134	2,091	2,605	6,801	4,393	.....
22	871	25,103	27,102	88	25,989	1,560	6,099	15,553	6,251	3,052	9,390	3,199	.....
23	8	6	3	.....	8	3	.....	.....	28	5	2	20	.....
24	1,550	50,792	52,555	133	48,115	2,438	12,080	38,897	11,805	6,519	19,542	5,898	.....
25	3,931	0,486	12,109	83	23,043	761	15,372	23,654	18,107	0,873	10,093	9,343	.....
26	2,133	9,312	12,923	125	9,289	1,403	4,431	7,262	6,340	3,642	5,591	7,148	.....
27	183	1,047	1,183	10	1,027	123	697	774	483	487	640	492	.....
28	3,003	22,855	32,322	131	65,215	1,071	28,418	33,448	20,262	10,674	29,818	9,326	.....
29	662	16,270	10,184	52	24,388	994	4,185	8,177	4,047	1,590	4,655	2,459	.....
30	72,174	688,812	895,993	5,048	1,425,661	47,183	519,467	945,970	502,377	348,820	585,117	264,805	.....
31	54,832	106,599	157,292	2,987	89,977	26,562	198,614	123,737	130,430	83,698	170,320	116,031	.....



AGRICULTURE—WISCONSIN.

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

		THE STATE.	Adams.	Ashland.	Barron.	Bayfield.	Brown.	Buffalo.
<b>VALUE OF ALL CROPS</b>								
1	Total.....	dollars.. 148,369,216	859,588	369,781	2,156,442	943,579	2,458,541	2,203,637
2	Cereals.....	dollars.. 73,141,919	426,740	38,886	673,077	32,032	1,005,533	1,405,204
3	Other grains and seeds.....	dollars.. 3,020,773	19,841	5,127	43,916	574	107,562	19,911
4	Hay and forage.....	dollars.. 40,806,396	202,827	150,378	850,393	150,070	921,478	476,585
5	Vegetables.....	dollars.. 12,511,816	121,822	53,256	379,011	83,280	227,156	87,795
6	Fruits and nuts.....	dollars.. 2,896,372	6,331	2,480	15,523	13,794	43,065	18,740
7	All other crops.....	dollars.. 15,321,940	81,977	114,654	194,517	63,814	153,747	135,330
<b>SELECTED CROPS (acres and quantity)</b>								
8	<b>Cereals:</b>							
9	Total.....	acres.. 4,951,066	54,667	3,121	49,255	2,366	75,875	105,776
10	Corn.....	bushels.. 160,584,600	721,782	72,172	1,553,990	59,769	2,129,060	3,009,703
11	Oats.....	acres.. 1,457,652	20,846	32	6,668	250	5,511	25,043
12	Wheat.....	bushels.. 49,103,034	291,722	751	212,571	6,333	151,492	838,441
13	Emmer and spelt.....	acres.. 2,164,570	11,455	2,165	28,108	1,608	43,707	46,304
14	Barley.....	bushels.. 71,340,038	225,930	55,709	974,319	44,681	1,421,075	1,377,555
15	Buckwheat.....	acres.. 140,309	358	411	1,227	245	3,099	4,575
16	Rye.....	bushels.. 2,641,476	3,915	5,040	21,848	3,690	47,560	88,302
17	Other grains and seeds.....	acres.. 6,090	27	14	149	37	42	110
18	Dry peas.....	bushels.. 160,301	282	281	4,218	940	1,134	3,445
19	Dry edible beans.....	acres.. 816,449	759	419	10,532	132	13,067	24,011
20	Flaxseed.....	bushels.. 22,156,041	19,500	8,944	292,810	2,604	334,680	632,422
21	Other grains and seeds.....	acres.. 20,298	1,143	14	894	28	132	152
22	Dry peas.....	bushels.. 302,829	7,929	165	11,988	419	2,415	1,827
23	Dry edible beans.....	acres.. 339,213	20,073	66	1,677	60	10,310	4,663
24	Flaxseed.....	bushels.. 4,797,775	172,498	1,222	35,923	1,091	169,705	67,511
25	<b>Hay and forage:</b>							
26	Total.....	acres.. 3,079,102	25,167	11,129	63,725	11,384	62,720	40,709
27	All tame or cultivated grasses.....	tons.. 5,002,644	29,280	14,863	102,025	13,827	111,159	75,059
28	Timothy alone.....	acres.. 2,565,652	13,728	10,903	58,873	10,917	55,375	34,384
29	Timothy and clover mixed.....	tons.. 3,899,553	15,844	14,428	88,479	13,157	83,108	61,214
30	Clover alone.....	acres.. 787,012	2,973	618	17,829	2,005	12,143	7,484
31	Alfalfa.....	tons.. 1,110,446	3,157	807	24,713	2,487	17,232	13,104
32	Millet or Hungarian grass.....	acres.. 1,612,171	8,367	10,060	38,001	8,760	38,777	23,568
33	Other tame or cultivated grasses.....	tons.. 2,477,311	10,181	13,288	60,382	10,418	59,894	43,684
34	Wild, salt, or prairie grasses.....	acres.. 119,522	2,005	156	1,399	123	3,308	2,218
35	Grains out green.....	tons.. 193,786	2,057	227	2,316	204	4,737	3,847
36	Coarse forage.....	acres.. 17,986	1	2	13	6	111	16
37	Special crops:							
38	Potatoes.....	tons.. 49,794	2	4	28	17	237	40
39	All other vegetables.....	acres.. 5,948	38	31	247	13	74	35
40	Tobacco.....	tons.. 9,854	56	50	436	16	98	55
41	Sugar beets.....	acres.. 43,013	344	36	484	10	962	1,063
42	Maple trees.....	tons.. 58,367	393	46	604	15	902	1,584
43	Maple sugar (made).....	acres.. 378,413	10,444	119	2,772	63	1,912	4,357
44	Maple sirup (made).....	tons.. 497,622	11,843	142	3,470	58	2,260	6,350
45	Special crops:							
46	Potatoes.....	acres.. 13,673	142	83	645	263	298	131
47	All other vegetables.....	tons.. 26,205	155	145	1,110	305	542	257
48	Tobacco.....	acres.. 120,190	853	21	1,275	127	5,100	1,828
49	Sugar beets.....	tons.. 571,441	1,438	60	7,558	254	25,003	7,223
50	Maple trees.....	acres.. 290,185	8,286	724	8,759	1,461	4,051	1,423
51	Maple sugar (made).....	bushels.. 31,908,195	550,099	94,551	1,194,012	169,710	389,048	177,849
52	Maple sirup (made).....	acres.. 70,127	526	187	2,572	217	2,135	423
53	Special crops:							
54	Potatoes.....	pounds.. 40,900,182	25	25	115,879	.....	6,993	105,626
55	All other vegetables.....	acres.. 12,370	1	1	273	.....	439	5
56	Tobacco.....	tons.. 127,520	3	3	2,493	.....	3,543	63
57	Sugar beets.....	number.. 449,727	47	2,987	9,599	1,280	1,433	90
58	Maple sugar (made).....	pounds.. 27,199	225	225	373	735	50	20
59	Maple sirup (made).....	gallons.. 124,117	19	1,002	2,189	217	350	30
<b>FRUITS AND NUTS</b>								
60	<b>Orchard fruits:</b>							
61	Total.....	trees.. 2,861,830	9,367	2,759	13,068	7,417	65,885	19,672
62	Apples.....	bushels.. 2,343,517	6,198	1,687	8,435	2,451	58,217	25,478
63	Pears.....	trees.. 2,430,232	8,390	2,421	9,850	6,396	55,100	18,583
64	Plums and prunes.....	bushels.. 2,232,112	6,072	1,630	7,980	2,370	52,773	25,109
65	Cherries.....	trees.. 29,841	4	.....	20	1	59	21
66	Grapes.....	bushels.. 12,992	.....	.....	5	.....	13	75
67	Small fruits:	trees.. 105,909	592	96	2,902	274	829	875
68	Total.....	bushels.. 15,907	81	7	432	38	85	180
69	Strawberries.....	trees.. 290,495	407	242	203	740	9,878	158
70	Cranberries.....	bushels.. 81,340	44	44	5	.....	3,344	8
71	Nuts.....	vines.. 148,348	470	33	64	42	651	3,146
72	Small fruits:	pounds.. 701,329	2,102	50	481	54	8,181	4,751
73	Total.....	acres.. 6,305	11	6	52	71	78	23
74	Strawberries.....	quarts.. 9,782,779	12,931	5,450	87,057	100,934	131,434	36,996
75	Cranberries.....	acres.. 2,863	7	2	12	50	47	17
76	Nuts.....	quarts.. 5,188,117	7,495	2,311	15,015	78,400	92,606	28,437
77	Receipts from sale of feedable crops.....	acres.. 1,689	(?)	.....	30	.....	.....	(?)
78		quarts.. 2,540,344	320	.....	62,528	.....	.....	128
79		trees.. 40,789	184	.....	.....	.....	202	53
80		pounds.. 609,428	4,600	.....	.....	.....	1,275	1,300

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

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	91,119	759	273	1,715	505	1,820	1,427
2		Cash expended.....	14,087,038	66,524	36,972	154,950	69,332	212,708	225,332
3		Rent and board furnished.....	5,107,835	22,701	10,610	46,880	17,485	73,030	91,613
4	Fertilizer.....	Farms reporting.....	2,995	16	8	164	25	122	9
5		Amount expended.....	127,753	516	270	3,859	1,485	4,565	245
6	Feed.....	Farms reporting.....	73,512	870	400	1,586	704	1,414	768
7		Amount expended.....	5,672,916	53,466	34,444	90,259	67,195	91,822	48,068
8	Receipts from sale of feedable crops.....	dollars..	14,857,856	16,884	20,643	237,079	18,374	412,939	261,633

AGRICULTURE—WISCONSIN.

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

	Burnett.	Calumet.	Chippewa. <sup>1</sup>	Clark.	Columbia.	Crawford.	Dane.	Dodge.	Door.	Douglas.	Dunn.	Eau Claire.	Florence.
1	552,902	2,222,040	2,220,789	2,151,733	3,726,584	1,797,644	7,926,838	5,518,203	1,679,929	255,583	2,580,851	1,980,280	175,067
2	202,886	1,225,057	970,050	630,900	2,207,773	745,001	3,853,271	3,070,828	445,700	22,346	1,404,207	1,046,801	20,732
3	12,034	259,118	20,747	17,557	169,370	12,090	50,238	77,757	510,372	617	52,656	55,247	689
4	176,102	514,202	723,688	1,004,702	564,828	624,975	1,535,318	1,217,740	444,094	116,493	634,680	542,354	42,525
5	81,508	68,133	203,347	152,682	280,830	80,500	351,118	249,111	100,383	56,883	210,463	107,415	20,714
6	4,923	30,102	25,200	15,617	35,513	20,780	77,807	70,137	65,074	1,970	24,218	60,902	2,277
7	75,359	125,428	181,748	330,005	450,264	395,683	2,053,026	220,621	102,306	57,274	248,531	101,551	73,130
8	16,387	65,310	64,955	46,918	148,812	54,400	248,243	210,252	35,037	1,698	112,919	85,890	1,987
9	375,877	2,350,011	2,252,152	1,394,980	4,508,807	1,603,992	7,676,322	7,388,178	848,084	41,508	3,104,140	2,314,629	53,194
10	5,494	0,480	13,731	8,833	58,057	23,027	107,182	50,278	1,417	510	31,400	16,029	64
11	146,792	440,055	388,300	264,500	2,014,247	711,410	3,501,037	1,922,410	41,881	11,430	860,065	434,808	1,824
12	5,100	23,484	55,479	24,455	50,605	21,427	99,938	81,353	16,182	830	52,080	44,584	1,612
13	148,210	1,002,531	1,522,100	809,770	1,864,154	593,420	3,157,306	3,413,542	492,382	22,108	1,624,942	1,305,901	45,053
14	3,951	3,216	1,079	1,116	2,042	2,068	7,314	7,314	3,474	159	3,534	2,713	54
15	58,309	75,394	20,194	20,625	38,100	48,836	48,505	149,190	52,070	2,368	60,089	50,787	872
16	85	27	95	68	182	80	226	87	106	14	170	186	3
17	1,429	648	3,020	2,021	4,804	2,056	7,875	2,355	2,474	420	3,420	4,886	126
18	558	20,893	8,983	0,063	16,102	5,810	34,873	68,016	5,272	97	17,071	10,802	105
19	12,494	786,353	230,424	234,002	438,827	134,010	910,388	1,857,068	128,106	1,811	443,550	286,280	4,241
20	308	57	407	577	577	396	225	136	90	58	1,384	1,676	8
21	4,237	1,178	8,307	4,563	7,540	5,041	4,218	2,836	1,108	848	14,422	16,008	98
22	822	2,183	4,736	2,972	11,255	6,002	3,247	2,158	8,468	212	6,668	6,301	51
23	9,397	42,732	70,787	50,378	141,199	8,610	46,003	40,139	130,200	2,521	81,734	125,770	680
24	1	2,232	400	370	1,000	544	957	577	21,845	12	210	47	20
25	20	51,850	6,577	7,729	17,071	8,158	23,609	12,015	307,739	197	3,602	320	306
26	334	.....	115	15	5,005	30	501	94	123	17	185	135	2
27	2,773	.....	1,539	671	75,311	306	8,088	1,323	1,871	105	2,327	1,308	44
28	0	48	71	40	.....	.....	2	17	69	6	37	40	.....
29	82	557	687	742	148	.....	38	135	803	0	472	384	.....
30	22,841	31,519	59,787	64,880	57,768	45,582	112,825	85,787	34,223	0,095	57,050	42,027	3,468
31	32,113	58,407	87,438	118,258	86,732	62,699	182,299	170,630	48,553	11,028	66,168	64,797	3,089
32	14,705	20,506	54,968	60,230	30,200	42,828	92,500	48,055	32,760	8,100	46,915	37,648	3,321
33	21,143	51,211	75,779	104,261	62,718	58,054	145,047	90,700	42,581	0,307	69,767	56,354	2,768
34	2,314	5,081	17,242	10,740	12,253	15,540	35,050	16,260	0,150	1,210	13,196	11,563	1,503
35	2,892	0,334	21,843	28,538	16,583	21,320	52,167	29,205	8,092	1,268	17,704	16,705	1,076
36	11,130	17,589	34,687	41,874	20,647	25,800	50,417	25,250	23,615	6,700	30,114	22,005	1,770
37	16,693	29,743	49,452	73,230	31,546	35,177	70,009	48,097	30,254	7,887	40,617	33,752	1,640
38	515	5,220	1,480	0,080	2,481	738	4,180	3,205	2,706	55	2,163	3,824	18
39	708	0,057	2,272	1,198	3,502	1,231	7,010	6,680	3,002	00	3,408	5,427	22
40	10	803	7	37	22	604	604	384	71	32	2	4	.....
41	13	2,774	8	13	94	71	1,054	1,075	148	6	72	3	.....
42	75	07	115	209	100	65	173	68	24	08	70	15	.....
43	125	104	182	371	110	60	327	144	44	110	153	22	20
44	001	146	1,537	721	680	555	2,103	2,812	124	80	1,391	230	6
45	902	199	2,022	002	784	780	3,371	4,800	81	36	1,723	445	9
46	7,402	1,253	2,254	1,598	19,798	1,582	17,480	34,790	101	436	7,732	3,602	1
47	0,129	1,557	2,833	2,010	20,790	2,096	27,014	59,840	113	096	0,981	4,090	11
48	212	60	138	571	205	107	415	165	04	402	81	44	103
49	238	87	315	1,077	531	302	1,100	488	150	012	67	50	120
50	423	076	1,425	2,450	1,556	975	2,304	2,777	1,214	01	2,312	730	35
51	1,287	5,563	8,407	10,602	3,693	1,047	8,980	10,673	5,003	323	0,216	3,675	181
52	2,435	922	8,717	2,992	7,098	1,237	5,883	4,151	2,273	071	0,033	3,703	370
53	287,736	110,188	943,406	336,540	1,350,775	137,894	679,975	558,791	225,391	111,103	639,975	398,756	57,898
54	306	054	1,873	824	1,820	508	1,534	2,239	1,271	321	407	1,050	107
55	.....	.....	312	24	3,521	2,461	16,789	28	.....	.....	406	17	.....
56	85	.....	262,146	5,800	3,011,632	2,743,972	20,932,067	33,051	2,124	100	478,156	17,725	50
57	2	743	410	42	140	240	1,247	709	.....	.....	135	04	.....
58	10	7,806	3,356	310	1,387	1,853	14,060	0,119	156	1	1,237	1,082	.....
59	110	2,872	13,318	54,147	.....	5,313	137	10,067	780	100	7,924	2,403	5,066
60	.....	80	920	3,085	.....	460	.....	430	10	.....	741	15	620
61	30	1,056	2,028	13,103	.....	1,720	44	4,027	234	10	2,203	423	1,557
62	3,019	49,325	24,555	16,828	64,514	47,996	92,645	95,354	94,720	1,232	19,097	26,026	2,124
63	684	46,816	80,842	12,108	34,034	47,030	61,747	79,613	78,747	359	17,129	21,937	2,340
64	1,231	40,770	21,174	14,590	53,087	43,817	73,080	71,350	77,764	1,058	17,000	22,598	2,025
65	505	44,602	20,114	11,837	32,421	46,374	47,523	73,066	70,969	357	10,688	21,451	2,333
66	.....	98	20	275	154	952	270	305	305	4	.....	.....	7
67	.....	16	.....	56	31	220	76	203	203	.....	.....	.....	.....
68	719	475	3,150	1,583	2,372	2,992	5,872	1,070	2,238	155	1,854	3,101	31
69	80	32	706	244	160	527	1,512	111	090	2	435	402	.....
70	65	7,998	162	501	8,711	806	12,020	22,546	14,303	2	120	320	61
71	3	2,161	0	26	1,392	92	2,483	6,331	6,860	.....	4	24	7
72	73	185	496	354	3,579	3,561	10,125	2,361	1,095	.....	491	637	1
73	763	1,455	3,598	2,320	12,991	3,576	38,457	17,842	4,640	.....	4,252	4,410	.....
74	71	24	56	47	76	37	178	120	101	18	67	392	.....
75	66,376	34,149	89,657	62,839	95,953	43,589	295,198	142,952	252,979	14,002	159,504	655,788	367
76	8	15	40	18	46	17	95	65	72	14	48	234	.....
77	7,425	10,740	60,053	30,707	60,808	22,487	224,143	102,384	206,004	10,843	123,147	445,187	180
78	58	.....	1	(?)	.....	.....	4	.....	.....	(?)	1	.....	.....
79	55,040	.....	544	64	.....	.....	192	32	.....	04	32	2,112	.....
80	.....	1,030	2	.....	1,023	694	1,160	1,272	.....	.....	11	11	.....
81	.....	10,835	60	.....	14,096	11,356	22,924	21,125	.....	.....	500	400	.....

<sup>1</sup> Reported in fractions of an acre.

AND RECEIPTS, BY COUNTIES: 1909.

1	600	1,240	1,494	1,591	1,847	992	3,802	2,057	1,332	314	1,793	1,181	142
2	46,268	191,388	223,505	143,288	333,490	140,296	701,710	580,090	166,118	34,907	242,386	198,332	18,590
3	16,951	86,487	75,626	42,012	132,144	34,333	287,546	224,214	50,995	8,730	79,780	62,441	7,042
4	5	8	33	15	55	24	100	42	25	6	88	94	2
5	301	378	1,335	205	1,354	550	9,091	1,938	633	76	1,009	4,004	16
6	815	405	1,028	1,074	1,171	674	2,479	1,780	593	556	1,221	684	158
7	36,654	20,508	72,094	115,501	107,079	46,116	227,870	121,800	28,556	59,132	71,404	48,632	15,586
8													

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

		Fond du Lac.	Forest. <sup>1</sup>	Grant.	Green.	Green Lake.	Iowa.	Iron.	Jackson.	Jefferson.
<b>VALUE OF ALL CROPS</b>										
1	Total.....	dollars.. 4,646,815	165,981	4,702,792	2,918,505	1,571,518	2,623,660	74,218	1,853,877	3,091,103
2	Cereals.....	dollars.. 2,042,865	13,941	2,870,895	1,784,126	1,136,881	1,429,074	7,231	1,007,191	1,802,098
3	Other grains and seeds.....	dollars.. 90,294	512	41,686	4,815	34,679	4,233	676	61,011	25,610
4	Hay and forage.....	dollars.. 1,065,726	36,334	1,269,671	906,080	252,012	956,158	26,600	477,084	848,082
5	Vegetables.....	dollars.. 256,707	30,518	244,012	87,663	70,707	90,994	13,730	96,831	128,859
6	Fruits and nuts.....	dollars.. 104,448	473	56,480	15,055	18,297	21,299	469	48,738	36,747
7	All other crops.....	dollars.. 186,875	84,203	220,048	120,757	58,942	121,902	25,512	163,022	240,707
<b>SELECTED CROPS (acres and quantity)</b>										
8	<b>Cereals:</b>									
9	Total.....	acres.. 164,910	789	181,330	108,004	74,556	95,066	480	82,498	103,477
10	Total.....	bushels.. 6,086,981	25,429	8,090,294	3,421,705	2,405,318	2,913,882	12,188	2,173,401	3,644,296
11	Corn.....	acres.. 39,930	55	89,528	56,915	23,728	38,148	18	10,058	40,250
12	Oats.....	acres.. 1,026,951	663	3,194,236	1,880,987	986,004	1,272,498	747	439,907	1,516,137
13	Wheat.....	acres.. 2,012,092	22,010	2,526,844	1,147,266	992,650	1,314,454	9,044	1,326,369	1,688,972
14	Wheat.....	acres.. 1,651	10	2,117	494	1,841	1,111	88	4,554	3,101
15	Emmer and spelt.....	bushels.. 35,205	182	39,054	10,137	31,514	20,132	1,537	90,265	62,807
16	Barley.....	bushels.. 9,525	65	4,524	2,651	2,992	1,080	.....	1,770	2,654
17	Buckwheat.....	acres.. 49,027	66	11,661	14,132	10,557	9,812	47	8,868	10,940
18	Rye.....	bushels.. 1,445,239	1,702	309,868	368,636	312,294	259,881	636	211,672	317,253
19	Rye.....	bushels.. 353	14	301	38	185	143	5	1,094	176
20	Rye.....	acres.. 7,159	230	3,400	599	3,320	2,137	100	2,586	2,586
21	Rye.....	acres.. 1,107	15	1,777	892	6,532	4,374	11	7,457	3,320
22	Rye.....	bushels.. 20,730	242	19,027	11,420	79,148	43,700	124	96,071	53,387
23	<b>Other grains and seeds:</b>									
24	Dry peas.....	acres.. 225	23	1,471	.....	260	69	45	32	277
25	Dry edible beans.....	bushels.. 4,919	340	21,601	.....	3,084	1,598	572	692	5,501
26	Dry edible beans.....	acres.. 55	3	87	1	1,052	.....	.....	207	13
27	Flaxseed.....	bushels.. 370	41	1,039	42	6,987	21	.....	1,824	213
28	Flaxseed.....	acres.. 82	.....	32	2	15	.....	.....	10	8
29	Flaxseed.....	bushels.. 1,065	.....	425	12	136	2	.....	78	28
30	<b>Hay and forage:</b>									
31	Total.....	acres.. 71,031	2,239	102,303	58,022	30,086	75,027	1,916	40,241	67,189
32	All tame or cultivated grasses.....	tons.. 123,029	2,830	140,497	96,685	40,372	105,764	2,461	66,792	112,058
33	Timothy alone.....	acres.. 55,166	2,010	98,094	53,259	14,011	69,012	1,844	34,651	35,765
34	Timothy and clover mixed.....	acres.. 96,208	2,428	132,450	88,440	19,221	95,127	2,223	54,283	60,068
35	Clover alone.....	acres.. 18,538	877	40,266	20,987	3,278	26,245	509	8,570	12,606
36	Alfalfa.....	acres.. 29,653	1,047	53,275	32,328	4,335	35,338	643	12,425	20,560
37	Millet or Hungarian grass.....	acres.. 28,482	1,026	55,738	25,708	8,201	40,275	1,218	22,797	14,040
38	Other tame or cultivated grasses.....	acres.. 50,634	1,287	76,021	42,187	11,817	56,372	1,462	36,740	24,555
39	Wild, salt, or prairie grasses.....	acres.. 5,057	40	1,083	2,412	2,272	701	115	2,800	2,824
40	Grains cut green.....	acres.. 9,307	40	1,936	4,028	2,814	1,157	116	4,003	5,085
41	Coarse forage.....	acres.. 1,623	.....	85	2,282	27	87	.....	2,251	.....
42	Coarse forage.....	tons.. 4,467	.....	217	6,435	55	224	.....	42	5,080
43	Wild, salt, or prairie grasses.....	acres.. 59	61	116	93	30	122	2	31	74
44	Grains cut green.....	acres.. 92	95	195	160	53	171	2	40	106
45	Coarse forage.....	acres.. 1,407	.....	806	1,777	137	1,492	.....	373	3,870
46	Coarse forage.....	tons.. 1,965	.....	1,115	3,302	147	1,905	.....	433	4,882
47	Wild, salt, or prairie grasses.....	acres.. 13,153	121	2,370	2,543	15,717	3,418	37	3,774	28,015
48	Grains cut green.....	acres.. 17,199	120	3,693	4,068	10,028	4,567	151	4,756	36,240
49	Coarse forage.....	acres.. 62	60	250	140	105	62	23	147	324
50	Coarse forage.....	tons.. 255	90	510	260	605	84	37	147	785
51	Coarse forage.....	acres.. 2,647	25	1,580	2,074	163	2,635	12	1,068	3,083
52	Coarse forage.....	tons.. 14,345	132	3,033	3,917	918	5,986	50	7,599	14,345
53	<b>Special crops:</b>									
54	Potatoes.....	acres.. 5,080	483	3,042	1,163	2,344	1,250	201	2,189	1,771
55	All other vegetables.....	bushels.. 845,106	62,068	368,825	121,365	250,265	137,044	20,408	178,594	193,395
56	Tobacco.....	acres.. 1,274	104	1,013	533	555	421	40	672	824
57	Sugar beets.....	acres.. 5	.....	294	257	.....	1	.....	338	455
58	Sugar beets.....	pounds.. 5,125	.....	207,464	294,210	25	600	.....	315,315	534,463
59	Maple trees.....	acres.. 724	.....	52	.....	2	.....	.....	166	170
60	Maple sugar (made).....	acres.. 6,951	.....	378	.....	23	1	.....	1,188	1,659
61	Maple syrup (made).....	acres.. 2,137	4,315	4,195	1,270	15	.....	625	275	3,107
62	Maple syrup (made).....	pounds.. 250	.....	5	150	.....	.....	50	.....	650
63	Maple syrup (made).....	gallons.. 765	1,278	1,488	400	5	.....	124	60	879
<b>FRUITS AND NUTS</b>										
64	<b>Orchard fruits:</b>									
65	Total.....	trees.. 111,464	164	85,518	53,164	40,840	31,254	584	20,025	54,818
66	Apples.....	bushels.. 142,667	83	51,708	7,745	18,269	24,462	416	18,789	28,787
67	Pears.....	trees.. 91,850	168	72,502	38,314	34,578	20,500	409	17,508	43,588
68	Plums and prunes.....	bushels.. 136,859	83	49,449	6,248	17,086	24,184	405	18,592	26,443
69	Cherries.....	trees.. 197	.....	508	949	73	74	.....	8	2,133
70	Cherries.....	bushels.. 62	.....	129	86	8	15	.....	2	470
71	Grapes.....	trees.. 1,200	5	8,939	5,713	645	1,174	56	2,125	1,514
72	Grapes.....	bushels.. 132	.....	1,601	568	20	155	5	100	109
73	Grapes.....	trees.. 18,112	1	3,181	7,455	5,464	451	59	330	7,486
74	Grapes.....	bushels.. 5,607	.....	468	836	1,141	87	0	2	1,642
75	Small fruits:									
76	Total.....	acres.. 131	3	75	39	28	17	1	697	74
77	Strawberries.....	quarts.. 216,678	3,013	94,359	48,369	31,039	20,433	560	565,718	83,482
78	Cranberries.....	acres.. 63	2	42	16	18	10	1	112	32
79	Nuts.....	acres.. 114,865	2,435	69,400	23,273	20,754	14,010	485	200,878	45,056
80	Nuts.....	quarts.. 114,865	(2)	(2)	(2)	(2)	.....	.....	520	.....
81	Nuts.....	quarts.. 96	96	32	32	96	.....	.....	310,144	128
82	Nuts.....	trees.. 1,264	.....	654	403	1,244	286	.....	80	1,269
83	Nuts.....	pounds.. 27,475	.....	17,644	5,195	18,445	5,000	.....	2,850	20,259

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

TABLE 5.—SELECTED FARM EXPENSES

1	<b>Labor.....</b>	Farms reporting.....	2,335	131	2,129	1,341	850	1,376	71	1,316	1,836
2	Cash expended.....	dollars.. 414,088	21,530	327,849	302,770	160,945	232,112	19,315	201,495	354,220	
3	Rent and board furnished.....	dollars.. 151,392	6,116	105,593	102,631	55,812	30,144	5,706	68,860	136,594	
4	<b>Fertilizer.....</b>	Farms reporting.....	31	2	105	18	24	3	53	43	
5	Amount expended.....	dollars.. 2,744	42	2,880	599	1,449	227	96	1,604	1,961	
6	<b>Feed.....</b>	Farms reporting.....	1,676	145	1,393	883	526	60	664	1,578	
7	Amount expended.....	dollars.. 139,320	17,165	149,337	97,102	43,599	67,799	5,993	62,078	147,409	
8	<b>Receipts from sale of feedable crops.....</b>	dollars.. 1,047,840	9,479	169,899	79,096	233,445	78,834	6,162	152,090	154,721	

AGRICULTURE—WISCONSIN.

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

	Juneau.	Kenosha.	Keweenaw.	La Crosse.	Lafayette.	Langlade.	Lincoln.	Manitowoc.	Marathon.	Marinette.	Marquette.	Milwaukee.	Monroe.
1	1,427,308	1,771,711	1,068,383	1,694,725	3,108,476	813,866	613,590	3,813,474	2,758,318	963,055	1,004,689	2,529,830	2,589,844
2	656,941	754,205	587,474	949,025	1,891,801	215,258	98,027	1,307,742	743,181	305,208	521,520	588,502	1,247,108
3	53,200	2,890	281,731	4,378	3,247	32,701	4,000	337,004	20,276	71,750	44,712	19,442	19,966
4	350,124	541,809	585,537	405,252	1,036,827	272,679	199,127	1,218,206	1,076,091	207,024	107,481	642,359	757,899
5	107,485	339,744	84,878	122,072	99,576	80,234	68,742	133,390	242,397	151,121	118,736	853,902	147,761
6	28,189	42,953	31,870	34,053	13,219	4,782	2,742	017,301	10,875	19,886	17,208	67,307	121,831
7	171,379	90,680	96,884	179,945	63,806	208,172	239,752	199,672	647,098	117,706	105,032	358,228	295,210
8	62,022	44,109	45,252	67,891	109,379	13,610	7,784	86,630	60,140	22,013	54,014	30,804	96,622
9	1,403,062	1,647,164	1,114,754	1,980,076	3,812,332	436,923	212,890	2,488,330	1,598,441	599,089	951,450	1,128,528	2,681,505
10	18,768	22,030	781	19,810	59,228	602	275	3,120	3,742	3,597	10,763	10,015	22,720
11	370,899	817,533	22,438	621,425	2,152,906	24,367	7,944	117,162	131,419	94,913	440,722	397,882	561,840
12	27,618	17,987	20,142	28,504	40,783	9,554	8,807	39,197	38,085	13,029	14,168	15,368	49,394
13	809,963	717,202	613,246	911,685	1,425,328	325,550	168,328	1,322,037	1,058,750	405,593	303,170	584,110	1,598,363
14	1,372	613	5,377	1,997	516	193	107	4,204	1,878	893	335	459	3,040
15	24,332	13,630	82,357	40,915	9,976	3,382	1,052	77,381	29,493	15,669	4,974	9,711	57,581
16	36	60	48	125	33	18	67	41	103	72	28	32	110
17	243	1,643	882	2,757	695	196	1,964	1,088	2,843	1,758	824	623	3,233
18	4,748	2,865	10,100	11,320	8,549	2,597	1,178	20,652	12,244	1,499	437	3,668	13,572
19	121,008	87,041	261,131	333,538	218,806	70,481	27,294	739,232	312,440	32,010	10,736	112,089	371,557
20	2,349	30	182	57	10	53	27	101	101	430	283	18	1,395
21	23,580	703	522	3,959	1,076	248	720	639	1,243	5,672	3,137	315	12,475
22	7,123	565	8,750	5,644	203	630	207	13,243	3,085	2,478	19,000	1,234	6,376
23	52,977	0,406	134,178	66,797	3,315	12,090	5,282	228,065	62,104	48,989	187,887	24,448	76,450
24	96	-----	12,536	25	18	1,459	267	0,973	1,099	2,900	45	9	48
25	1,678	-----	158,011	120	260	27,311	4,105	142,203	26,795	44,212	300	128	698
26	31	31	50	-----	5	5	04	82	117	1,042	8	35	35
27	145	225	596	25	14	200	107	810	812	1,935	0,374	130	238
28	5	36	118	-----	15	2	175	40	6	3	3	2	30
29	12	448	1,152	-----	153	18	2,046	001	28	14	20	287	-----
30	37,024	37,456	40,974	30,465	74,612	18,891	14,425	79,493	72,698	23,690	32,474	33,382	56,928
31	55,927	62,085	68,152	60,423	106,830	27,807	19,572	161,896	110,560	31,988	37,050	55,791	101,858
32	24,859	25,429	38,373	23,717	69,317	18,271	19,078	62,202	69,596	20,275	11,105	28,808	51,017
33	38,747	38,413	56,985	39,172	97,107	25,670	17,099	105,018	102,477	24,215	13,401	43,531	87,176
34	5,225	13,293	10,993	3,112	25,116	4,956	2,424	14,660	12,886	2,091	1,027	15,172	10,523
35	7,633	18,186	13,026	5,121	34,398	6,814	3,226	23,080	18,528	2,473	2,432	22,260	17,099
36	17,634	0,294	26,278	18,745	42,576	12,875	11,067	43,493	55,720	17,435	4,428	10,569	38,620
37	28,263	13,896	39,464	31,314	60,022	18,260	14,384	73,754	82,341	20,780	5,807	15,791	65,764
38	1,319	892	2,454	706	1,090	111	120	3,780	6,320	414	3,820	1,796	1,738
39	1,988	1,522	3,500	1,382	1,752	185	108	6,313	1,092	539	4,077	3,919	3,285
40	8	1,377	30	34	140	-----	3	235	16	24	30	383	38
41	17	4,000	66	94	391	-----	8	576	19	90	90	1,065	130
42	40	116	18	18	37	153	41	58	314	70	74	30	74
43	99	223	20	36	62	237	70	144	406	106	83	63	147
44	633	457	-----	1,102	358	176	17	166	30	241	808	915	574
45	747	680	-----	1,225	572	198	23	251	31	249	612	1,297	775
46	10,078	8,574	138	4,586	1,839	137	351	1,685	1,097	1,095	20,905	3,378	3,338
47	10,494	11,819	143	8,139	3,040	104	426	2,099	1,197	1,905	22,871	4,001	4,279
48	359	49	23	198	100	182	206	74	555	323	66	42	194
49	844	103	28	392	241	292	277	188	869	459	97	148	538
50	1,728	3,494	1,940	1,984	3,296	295	174	6,339	1,294	1,359	398	1,150	1,757
51	6,942	11,750	10,996	12,717	6,340	1,512	874	54,467	5,833	5,440	591	7,422	6,637
52	11,992	1,992	1,357	1,700	1,368	1,329	1,477	2,644	6,856	3,080	6,429	6,905	3,393
53	749,630	207,188	85,092	242,130	147,007	189,970	199,860	239,985	649,704	439,858	639,921	803,595	310,540
54	774	2,880	1,832	813	334	335	242	907	938	997	404	4,400	1,140
55	473	-----	4	92	14	-----	6	-----	6	-----	-----	-----	563
56	558,328	1,000	3,245	96,777	17,050	-----	110	269	419	5,540	-----	-----	644,019
57	5	594	71	65	73	-----	-----	271	10	142	-----	-----	57
58	5	7,849	577	787	-----	-----	-----	2,178	68	1,110	-----	0,948	538
59	50	-----	25	-----	-----	13,026	10,447	721	4,093	4,075	8	475	2,018
60	-----	-----	-----	-----	-----	203	28	-----	1,300	226	-----	50	255
61	18	-----	3	-----	-----	3,135	2,491	107	14,377	1,388	10	180	515
62	27,531	48,027	60,040	38,707	27,414	3,393	2,431	107,621	22,820	27,258	25,385	92,656	59,701
63	23,480	23,933	56,444	23,455	9,512	3,319	2,097	145,671	22,057	28,278	15,759	69,680	55,269
64	25,810	37,170	55,789	35,992	21,098	2,823	2,283	40,252	21,693	26,073	24,415	77,790	40,049
65	22,906	21,216	55,525	31,540	8,787	3,269	2,092	140,724	21,987	26,095	15,625	35,434	57,896
66	21	2,084	189	31	18	-----	3	949	18	16	7	207	41
67	5	1,177	38	-----	230	-----	-----	580	6	6	1	3,443	5
68	814	1,866	642	2,468	3,975	478	125	957	692	207	469	1,657	3,010
69	249	147	66	868	500	40	4	157	46	15	72	115	292
70	822	0,012	3,417	190	1,999	62	17	11,223	438	941	490	6,732	1,591
71	300	1,378	814	41	171	4	1	3,702	16	252	61	2,622	96
72	1,338	2,282	142	5,853	1,198	2	10	932	48	45	500	3,011	1,341
73	7,455	27,545	1,825	55,334	6,350	50	50	10,234	80	470	2,887	10,078	3,981
74	176	84	10	197	21	11	9	57	13	34	92	183	703
75	276,567	153,214	13,302	168,532	28,083	14,761	11,222	97,813	89,821	49,392	52,029	413,393	1,336,961
76	10	45	7	68	12	10	7	35	9	25	36	104	332
77	10,614	99,644	11,082	124,489	19,096	13,207	9,472	73,792	14,740	43,683	40,933	258,226	703,535
78	146	-----	-----	-----	(2)	64	-----	(2)	(2)	5	40	-----	177
79	252,998	-----	-----	-----	-----	-----	-----	32	32	1,920	352	-----	409,256
80	208	1,097	-----	213	367	-----	-----	189	-----	-----	473	11	779
81	3,200	24,890	-----	7,220	9								

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

		Oconto.	Oncida. <sup>1</sup>	Outagamie.	Ozaukee.	Popin.	Pierce.	Polk.	Portage.	Price.
<b>VALUE OF ALL CROPS</b>										
1	Total	dollars. 1,565,048	288,258	2,987,595	1,476,881	796,771	2,802,150	1,925,250	1,918,916	491,584
2	Cereals	dollars. 544,037	45,528	1,641,751	723,248	525,705	1,064,008	930,828	668,070	33,057
3	Other grains and seeds	dollars. 131,480	2,740	34,122	58,790	14,736	32,055	0,404	10,043	2,803
4	Hay and forage	dollars. 537,110	78,061	751,288	475,930	142,333	435,492	680,008	512,756	177,725
5	Vegetables	dollars. 153,302	79,322	301,202	125,709	35,342	123,780	122,887	499,120	61,004
6	Fruits and nuts	dollars. 33,896	1,470	60,012	31,106	10,378	20,521	7,305	13,522	1,520
7	All other crops	dollars. 165,143	78,507	108,314	62,078	68,277	216,304	156,758	205,700	214,405
<b>SELECTED CROPS (acres and quantity)</b>										
<b>Cereals:</b>										
8	Total	acres. 44,053	3,337	102,180	44,856	38,645	124,772	61,472	75,675	2,181
9	Corn	bushels. 1,184,270	37,168	3,488,579	1,485,530	1,067,479	3,975,946	2,047,748	1,850,656	63,846
10	Oats	acres. 7,441	115	28,038	6,413	10,470	19,754	11,680	15,834	81
11	Wheat	bushels. 230,113	2,910	1,056,479	340,422	314,305	672,557	422,665	304,180	3,357
12	Emmer and spelt.	acres. 24,975	2,659	53,004	22,322	12,800	42,870	30,509	37,838	1,450
13	Barley	bushels. 752,206	74,501	1,878,901	778,337	411,502	1,652,784	1,112,368	607,853	40,033
14	Buckwheat	acres. 2,028	83	540	710	1,803	7,184	5,306	397	65
15	Rye	bushels. 30,907	1,248	10,888	13,632	40,906	145,520	116,345	5,376	1,165
16	Dry peas	acres. 37	23	108	44	1	48	156	40	11
17	Dry edible beans	bushels. 845	537	3,671	826	20	1,202	4,706	1,044	254
18	Flaxseed	acres. 4,016	270	17,403	13,518	0,511	34,346	12,246	1,184	420
19	Clover alone	bushels. 83,543	5,277	489,474	333,154	247,875	974,008	364,057	25,052	10,471
20	Timothy alone	acres. 980	32	334	44	128	320	104	496	6
21	Timothy and clover mixed	bushels. 9,232	417	4,441	1,253	1,907	6,993	1,581	3,859	93
22	Other tame or cultivated grasses	acres. 4,500	155	2,744	1,302	3,932	20,230	1,312	10,858	128
23	Wild, salt, or prairie grasses	bushels. 68,274	2,278	44,725	17,836	50,964	522,742	25,900	222,333	2,473
<b>Other grains and seeds:</b>										
24	Dry peas	acres. 5,640	99	649	466	411	73	16	319	101
25	Dry edible beans	bushels. 82,231	1,003	9,176	9,287	5,587	1,474	292	1,790	2,228
26	Flaxseed	acres. 839	2	138	15	6	8	80	52	1
27	Clover alone	bushels. 3,895	53	1,016	338	73	300	1,167	480	45
28	Timothy alone	acres. 16	2	40	46	—	1,300	201	144	—
29	Timothy and clover mixed	bushels. 63	—	362	623	—	16,468	3,026	222	2
<b>Hay and forage:</b>										
30	Total	acres. 42,034	5,860	53,556	28,268	13,390	39,907	54,050	49,960	12,790
31	All tame or cultivated grasses	tons. 60,019	8,040	84,723	61,010	21,482	74,378	63,561	58,497	18,475
32	Timothy alone	acres. 37,142	4,080	48,502	24,220	11,071	38,326	48,228	39,120	11,541
33	Timothy and clover mixed	tons. 49,200	5,272	72,848	38,780	17,647	71,003	77,222	40,127	10,237
34	Clover alone	acres. 6,716	1,310	10,205	9,986	3,536	13,227	15,701	9,041	1,853
35	Timothy and clover mixed	tons. 8,636	1,543	13,628	16,057	5,626	22,722	23,420	6,788	2,545
36	Other tame or cultivated grasses	acres. 29,123	3,193	35,630	11,969	5,665	22,541	31,617	30,054	9,304
37	Wild, salt, or prairie grasses	tons. 30,042	3,512	55,126	10,661	4,430	43,513	52,406	31,743	13,219
38	Clover alone	acres. 593	137	1,415	1,722	1,666	2,105	528	830	77
39	Timothy alone	tons. 826	100	2,120	2,646	2,282	4,100	1,024	1,036	133
40	Timothy and clover mixed	acres. 22	—	69	134	42	24	14	4	1
41	Other tame or cultivated grasses	tons. 47	—	158	383	61	72	20	11	3
42	Wild, salt, or prairie grasses	acres. 105	20	55	26	6	109	101	132	95
43	Clover alone	tons. 250	20	101	48	12	165	198	103	161
44	Timothy alone	acres. 518	50	1,128	392	150	200	277	250	121
45	Timothy and clover mixed	tons. 408	19	1,406	504	227	281	345	276	176
46	Other tame or cultivated grasses	acres. 2,772	720	3,422	1,464	1,837	9,040	3,955	9,166	831
47	Wild, salt, or prairie grasses	tons. 2,922	861	4,087	1,813	2,333	1,478	5,234	7,065	1,114
48	Clover alone	acres. 316	213	110	47	213	93	211	96	308
49	Timothy alone	tons. 375	325	184	303	225	88	388	108	468
50	Timothy and clover mixed	acres. 1,705	247	1,515	2,527	255	547	1,524	1,578	82
51	Other tame or cultivated grasses	tons. 7,386	1,582	7,541	20,037	1,167	1,695	10,573	10,407	589
<b>Special crops:</b>										
52	Potatoes	acres. 3,009	1,404	4,276	2,300	514	2,109	3,462	30,637	1,059
53	All other vegetables	bushels. 304,004	163,241	579,751	261,907	66,610	282,223	468,361	2,608,521	155,654
54	Tobacco	acres. 2,229	285	2,026	514	181	655	436	583	239
55	Sugar beets	pounds. 672	—	1,200	—	—	9,000	360	122	5
56	Maple trees	acres. 364	1	403	162	11	195	17	47	—
57	Maple sugar (made)	tons. 2,586	2	3,937	1,706	132	2,442	173	440	—
58	Maple syrup (made)	number. 11,803	2,582	6,623	32	8,792	49,992	4,885	367	1,444
59	Maple sugar (made)	pounds. 1,255	25	75	—	—	1,845	880	—	130
60	Maple syrup (made)	gallons. 3,030	761	1,985	23	2,561	14,374	1,137	117	397
<b>FRUITS AND NUTS</b>										
<b>Orchard fruits:</b>										
62	Total	trees. 46,922	217	77,174	49,520	10,010	26,980	7,746	12,651	1,747
63	Apples	bushels. 48,990	98	62,869	48,137	11,130	35,995	4,210	11,709	1,324
64	Pears	trees. 45,221	185	57,140	43,550	9,291	24,190	6,317	12,065	1,552
65	Plums and prunes	bushels. 45,072	99	55,052	45,045	11,052	35,504	3,043	11,624	1,201
66	Cherries	trees. 55	—	—	1,171	2	8	11	11	—
67	Grapes	bushels. 17	—	4	1,050	—	2	32	—	—
68	Small fruits	trees. 783	32	778	597	623	2,340	1,274	402	172
69	Strawberries	bushels. 60	5	127	59	76	407	253	66	23
70	Cranberries	trees. 2,791	—	19,140	4,148	74	428	114	130	20
71	Nuts	bushels. 821	—	7,650	1,378	1	22	2	10	—
72	Grapes	vines. 282	4	788	373	311	323	85	93	14
73	Small fruits	pounds. 2,318	60	9,973	3,523	1,680	1,693	430	1,040	—
74	Total	acres. 25	10	102	21	32	60	27	34	2
75	Strawberries	quarts. 34,155	10,238	142,768	24,011	42,785	78,841	31,933	34,852	2,424
76	Cranberries	acres. 19	9	39	8	19	85	15	19	1
77	Nuts	quarts. 23,602	9,233	61,055	11,546	27,001	54,833	17,076	20,442	1,705
78	Other nuts	acres. 1,743	228	2,776	1,430	257	390	747	765	143
79	Amount expended	dollars. 940	362	665	739	334	1,141	1,311	1,618	938
80	Receipts from sale of feedable crops	dollars. 39,066	35,959	54,280	60,289	18,631	90,126	75,723	100,601	72,510
81	Amount expended	dollars. 204,632	16,325	429,631	224,568	99,072	542,744	258,659	55,558	8,555

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

TABLE 5.—SELECTED FARM EXPENSES

1	Labor—Farms reporting	1,092	300	1,778	859	583	1,053	1,063	1,597	401
2	Cash expended	dollars. 109,098	44,471	251,057	128,874	75,530	233,924	175,079	180,020	44,351
3	Rent and board furnished	dollars. 39,293	11,883	103,024	30,018	29,648	99,490	63,591	68,605	9,509
4	Fertilizer—Farms reporting	56	22	78	11	11	20	20	74	5
5	Amount expended	dollars. 1,743	228	2,776	1,430	257	390	747	765	143
6	Feed—Farms reporting	940	362	665	739	334	1,141	1,311	1,618	938
7	Amount expended	dollars. 39,066	35,959	54,280	60,289	18,631	90,126	75,723	100,601	72,510
8	Receipts from sale of feedable crops	dollars. 204,632	16,325	429,631	224,568	99,072	542,744	258,659	55,558	8,555

AGRICULTURE—WISCONSIN.

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

	Racine.	Richland.	Rock.	Rusk.	St. Croix.	Sauk.	Sawyer.	Shawano.	Sheboygan.	Taylor.	Trempealeau.	Vernon.	Vilas.
1	2,389,035	2,319,613	4,030,392	420,357	3,286,125	3,283,811	149,013	2,256,950	3,098,585	641,307	2,747,785	3,197,871	60,042
2	1,085,356	1,034,723	2,043,530	47,000	2,102,107	1,790,949	22,216	905,120	1,508,225	86,003	1,613,431	1,216,502	11,277
3	6,580	13,971	21,620	0,092	122,767	21,028	924	75,020	98,772	5,900	54,977	14,083	938
4	635,565	849,827	901,031	152,936	802,321	818,931	48,392	627,772	969,925	288,080	772,193	487,002	23,928
5	468,266	105,986	275,010	76,193	141,895	318,845	37,370	151,102	202,981	76,257	85,324	150,488	16,936
6	58,226	49,542	34,645	2,320	16,653	63,066	237	32,418	92,243	1,570	26,681	41,143	1,300
7	135,642	265,564	754,547	135,810	101,382	271,992	39,874	406,500	166,439	182,483	195,279	928,053	5,654
8	57,845	59,959	171,336	3,225	151,444	127,900	1,784	67,722	90,835	5,851	125,249	89,892	736
9	2,196,619	1,048,443	5,292,614	100,601	4,781,807	3,587,260	44,208	1,953,928	3,215,421	174,253	3,453,979	2,587,993	19,532
10	28,489	29,518	88,521	825	29,972	48,471	160	12,575	16,500	214	21,638	20,017	20
11	1,114,944	1,040,936	2,941,056	27,200	626,885	1,330,875	5,595	500,710	740,895	7,587	588,708	701,272	831
12	22,613	17,085	41,501	1,498	79,171	54,100	1,244	35,010	42,450	3,507	67,325	42,550	550
13	881,379	593,029	1,302,290	52,113	2,804,743	1,748,555	32,520	1,040,130	1,043,578	112,900	2,088,464	1,270,326	15,879
14	640	1,122	553	58	7,052	4,247	103	4,171	1,700	70	8,183	3,894	36
15	14,082	19,830	11,308	1,095	155,865	81,898	1,352	73,544	30,555	1,536	107,929	78,087	517
16	13	47	420	30	568	29	0	51	12	12	106	146	4
17	516	1,583	11,442	819	15,706	995	193	1,300	2,570	245	2,435	3,928	54
18	5,157	10,252	34,530	577	31,922	11,142	84	9,130	24,675	1,510	13,140	16,457	60
19	167,945	263,067	947,670	15,236	904,743	304,274	1,718	227,886	608,565	40,620	470,030	420,004	1,255
20	49	405	204	180	228	928	35	107	348	15	971	402	25
21	962	4,700	5,232	2,797	4,038	8,837	534	1,303	0,580	350	7,145	6,513	428
22	878	1,530	5,498	57	11,147	9,313	143	6,667	4,986	523	8,880	457	41
23	16,788	18,338	73,006	1,341	218,389	111,826	2,407	99,927	86,338	10,955	129,204	6,853	574
24	.....	624	32	70	68	471	33	3,452	527	199	.....	312	27
25	.....	9,128	350	1,287	1,640	7,330	480	48,711	6,365	4,479	.....	5,272	641
26	.....	18	5	45	42	16	7	75	360	4	.....	8	.....
27	.....	185	63	1,338	715	631	237	112	1,293	7,903	.....	243	.....
28	.....	200	.....	46	5,980	7	1	1	30	4	.....	1	.....
29	.....	2,474	.....	462	78,931	6	4	138	344	97	.....	195	.....
30	46,684	57,613	70,254	11,193	70,974	61,691	4,245	41,378	53,883	19,470	60,688	72,621	1,547
31	72,387	95,323	104,203	16,346	103,271	105,876	4,944	63,266	134,760	30,801	103,095	116,880	1,747
32	31,578	54,492	62,171	9,459	67,037	51,892	3,687	38,105	44,126	18,239	63,241	69,820	1,230
33	40,601	80,313	89,344	13,575	94,130	86,100	4,072	53,755	81,140	27,951	89,649	109,440	1,187
34	17,807	18,016	26,798	2,578	23,673	15,768	1,180	6,056	6,574	3,433	15,054	11,805	640
35	24,310	29,002	36,441	3,411	30,530	25,070	1,210	8,451	16,608	4,811	23,051	17,553	519
36	9,769	34,316	30,621	6,635	40,931	32,422	2,305	30,451	30,423	14,522	34,000	55,357	573
37	13,888	56,793	44,520	9,775	59,792	54,082	2,070	43,138	56,002	22,048	59,373	87,379	643
38	1,255	1,966	3,357	90	2,530	2,367	79	1,019	3,491	184	3,438	1,492	17
39	2,011	1,938	5,406	155	2,530	4,282	99	1,497	0,760	325	0,153	2,851	25
40	1,467	109	649	.....	21	12	12	12	.....	.....	.....	.....	.....
41	4,418	277	1,882	3	51	128	2	20	1,513	.....	.....	.....	.....
42	197	124	149	67	141	60	52	295	10	85	17	100	.....
43	377	214	242	125	256	124	81	404	35	149	23	177	.....
44	1,023	861	597	89	741	1,135	10	182	108	15	720	985	.....
45	1,591	1,170	853	100	965	1,514	10	206	120	18	1,044	1,415	.....
46	9,794	901	6,823	1,527	2,285	6,490	358	1,243	479	809	5,838	1,877	92
47	11,040	1,296	8,254	1,979	3,104	9,031	380	1,370	619	1,073	7,662	2,003	101
48	619	206	39	57	71	248	140	418	151	163	71	279	156
49	2,911	363	64	73	164	871	193	677	400	244	138	442	243
50	4,793	2,014	1,187	145	1,578	3,141	37	1,590	0,125	210	1,638	637	64
51	11,235	4,351	0,193	686	5,833	9,453	145	7,210	52,537	983	5,646	3,084	194
52	3,347	1,230	3,745	1,303	2,927	9,901	520	4,061	3,100	1,193	1,717	2,425	332
53	354,416	147,801	469,476	175,906	375,615	1,226,487	69,961	509,125	439,158	179,356	159,672	310,020	39,039
54	4,492	598	1,004	358	836	1,647	150	640	1,745	323	619	791	43
55	.....	545	0,400	10	4	25	.....	.....	.....	.....	520	6,541	.....
56	.....	644,819	7,267,731	4,415	3,957	20,700	25	25	.....	.....	542,550	7,279,245	.....
57	796	24	694	2	308	54	.....	65	.....	63	.....	212	.....
58	10,572	307	8,634	20	3,234	641	.....	685	.....	476	.....	2,520	.....
59	136	21,832	8	8,119	2,712	2,776	1,446	33,931	10,131	2,330	228	26,640	500
60	.....	1,624	.....	724	2,790	26	365	635	103	215	2	2,883	400
61	36	7,373	2	2,119	407	859	300	8,740	3,114	320	50	7,703	.....
62	65,511	81,683	62,653	1,959	6,858	101,093	107	47,568	129,192	2,615	29,437	75,332	25
63	28,425	63,744	13,112	1,209	5,193	95,161	41	50,492	147,136	1,294	30,382	73,412	.....
64	53,335	76,251	45,308	1,762	5,055	69,284	75	42,803	109,182	2,173	28,303	70,925	.....
65	25,621	62,958	10,813	1,196	4,985	64,102	38	48,897	146,252	1,243	30,187	72,848	.....
66	2,803	96	716	50	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	1,207	17	158	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	1,528	3,298	5,653	184	704	2,237	28	630	2,331	433	969	3,228	25
69	59	622	570	13	174	388	3	95	160	21	182	475	.....
70	7,152	1,851	11,329	8	91	2,404	4	4,013	14,741	3	131	1,106	.....
71	1,492	137	1,553	.....	9	655	.....	1,475	4,736	.....	12	89	.....
72	2,905	4,493	11,243	90	69	10,144	.....	142	859	18	851	2,754	.....
73	23,839	11,750	30,405	575	292	39,375	.....	1,016	10,480	85	2,315	6,697	.....
74	191	59	134	8	77	103	1	12	112	2	77	58	7
75	322,713	84,769	178,505	11,061	101,295	145,638	1,669	16,009	167,246	2,296	98,555	57,572	11,000
76	101	23	81	6	61	48	1	10	61	2	60	26	5
77	295,747	51,550	129,553	8,813	84,832	86,938	1,020	13,204	112,708	1,720	87,060	36,434	8,450
78	.....	.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
79	.....	.....	64	64	32	.....	.....	.....	.....	.....	.....	.....	.....
80	612	2,207	963	.....	.....	2,583	.....	.....	836	1	481	682	.....
81	15,475	36,150	25,770	.....	.....	50,150	.....	50	19,480	30	4,930	11,018	.....

<sup>2</sup> Reported in fractions of an acre.

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,176	1,428	2,130	342	1,874	2,034	148	1,514	1,730	539	1,801	2,103	64
2	249,868	184,419	409,970	43,040	321,697	295,963	10,897	183,447	330,202	42,809	251,829	241,007	14,888
3	165,042	54,945	142,296	13,578	121,924	107,860	7,149	70,223	120,963	12,034	80,442	78,581	5,086
4	287	22	102	8	10	61	5	42	19	14	20	37	.....
5	16,511	777	4,607	62	1,257	1,713	910	948	988	290	452	1,428	.....
6	1,468	1,068	1,287	661	1,193	1,655	195	1,161	2,001	1,043	950	1,373	96
7	131,790	70,822	122,965	56,529	81,266	121,807	22,013	58,057	156,823	74,350	64,828	71,180	12,387
8	166,890	66,570	452,820	18,356	789,297	108,098	5,982	150,150	337,616	23,304	460,283	128,065	1,038

AGRICULTURE—WISCONSIN.

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909—Continued.

		Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.
<b>VALUE OF ALL CROPS</b>									
1	Total.....	dollars.. 3,439,756	401,184	2,702,191	3,431,077	2,569,503	1,722,123	2,476,356	1,299,260
2	Cereals.....	dollars.. 2,194,693	101,848	1,551,501	1,657,431	951,358	761,441	1,334,127	348,001
3	Other grains and seeds.....	dollars.. 7,279	4,690	155,904	17,897	23,231	18,872	10,140	6,176
4	Hay and forage.....	dollars.. 907,699	148,725	544,534	1,005,855	769,293	301,785	776,580	509,307
5	Vegetables.....	dollars.. 182,971	74,067	210,973	455,232	533,600	305,084	180,441	123,052
6	Fruit and nuts.....	dollars.. 41,716	3,105	67,243	88,437	46,303	18,654	74,585	70,326
7	All other crops.....	dollars.. 105,398	68,749	171,976	196,215	245,718	135,387	94,183	171,838
<b>SELECTED CROPS (acres and quantity)</b>									
8	Cereals:								
9	Total.....	acres.. 118,925	9,233	93,838	96,875	74,343	79,714	79,797	32,275
10	Corn.....	bushels.. 4,605,556	211,542	3,154,213	3,417,197	2,038,160	1,439,611	2,775,115	728,000
11	Oats.....	acres.. 58,036	2,887	19,290	32,295	19,948	26,000	23,522	0,713
12	Wheat.....	bushels.. 2,574,200	83,850	898,911	1,290,158	602,144	619,433	844,175	154,710
13	Wheat.....	acres.. 34,293	3,731	36,685	45,030	38,800	27,279	40,188	14,064
14	Wheat.....	bushels.. 1,255,061	91,605	1,386,787	1,655,649	1,163,050	544,433	1,495,990	306,762
15	Wheat.....	acres.. 664	1,547	3,141	1,177	1,150	357	1,493	244
16	Wheat.....	bushels.. 11,861	15,021	58,395	22,700	21,955	4,900	31,799	2,784
17	Wheat.....	acres.. 239	141	42	71	42	47	182	27
18	Wheat.....	bushels.. 7,995	3,027	1,128	2,418	1,102	840	6,203	513
19	Wheat.....	acres.. 24,423	413	30,539	11,811	5,734	1,151	12,994	3,801
20	Wheat.....	bushels.. 735,252	7,637	761,289	332,065	145,800	27,274	374,535	91,022
21	Wheat.....	acres.. 332	323	39	306	373	1,131	248	523
22	Wheat.....	bushels.. 6,042	3,356	679	5,055	4,503	10,675	3,987	3,329
23	Wheat.....	acres.. 938	391	4,110	6,160	8,204	22,009	1,170	6,297
24	Wheat.....	bushels.. 15,055	5,460	56,989	102,146	109,381	231,430	18,307	78,206
25	Other grains and seeds:								
26	Dry peas.....	acres.. 10	226	120	191	101	8	289	8
27	Dry peas.....	bushels.. 11	57	4,068	2,537	2,593	145	3,064	3,064
28	Dry peas.....	acres.. 10	111	92	27	115	1,241	17	17
29	Dry peas.....	bushels.. 134	687	464	378	1,868	5,998	407	420
30	Dry peas.....	acres.. 1	27	2	2	6	31	31	31
31	Dry peas.....	bushels.. 3	109	37	113	8	350	343	343
32	Hay and forage:								
33	Total.....	acres.. 59,868	13,900	36,138	67,551	57,297	42,662	58,279	39,775
34	All tame or cultivated grasses.....	tons.. 112,786	17,858	60,879	115,272	98,915	49,738	97,961	68,062
35	Timothy alone.....	acres.. 47,058	14,487	30,205	40,050	44,482	29,376	40,770	38,961
36	Timothy alone.....	tons.. 80,614	14,111	45,991	68,247	65,667	33,951	68,233	58,494
37	Timothy alone.....	acres.. 22,821	2,219	14,559	24,701	5,647	6,904	11,746	6,130
38	Timothy alone.....	tons.. 36,511	2,301	22,058	34,452	7,437	5,725	17,410	9,426
39	Timothy alone.....	acres.. 18,783	5,615	11,330	14,024	36,101	26,586	26,752	26,770
40	Timothy alone.....	tons.. 32,991	10,841	16,943	21,944	53,916	26,009	41,953	42,557
41	Timothy alone.....	acres.. 3,150	450	3,250	3,650	2,260	2,516	2,309	385
42	Timothy alone.....	tons.. 5,853	741	5,195	5,848	3,623	2,740	4,222	709
43	Timothy alone.....	acres.. 1,534	11	134	1,839	78	85	283	5
44	Timothy alone.....	tons.. 4,734	127	597	4,085	202	727	155	155
45	Timothy alone.....	acres.. 204	165	78	129	64	8	39	246
46	Timothy alone.....	tons.. 626	63	377	1,900	102	8	34	500
47	Timothy alone.....	acres.. 871	52	1,122	1,841	323	327	670	547
48	Timothy alone.....	tons.. 7,929	1,066	3,970	1,728	377	386	678	543
49	Timothy alone.....	acres.. 10,236	1,856	4,903	14,712	9,586	12,264	15,097	4,262
50	Timothy alone.....	tons.. 194	392	190	19,108	11,021	13,312	20,598	4,262
51	Timothy alone.....	acres.. 457	284	297	201	201	127	185	131
52	Timothy alone.....	tons.. 4,298	286	1,663	765	229	110	357	150
53	Timothy alone.....	acres.. 21,729	915	9,370	27,097	21,894	2,356	11,450	4,858
54	Special crops:								
55	Potatoes.....	acres.. 3,054	1,728	3,923	6,903	19,810	21,599	2,896	4,610
56	Potatoes.....	bushels.. 265,107	201,534	528,407	844,400	2,392,213	2,255,897	378,025	318,446
57	Potatoes.....	acres.. 1,440	246	928	2,480	601	463	814	793
58	Potatoes.....	acres.. 15	250	200	342	5	1	1	1
59	Potatoes.....	pounds.. 21,500	250	200	9,342	50	50	200	1,325
60	Potatoes.....	acres.. 44	30	407	639	102	102	148	23
61	Potatoes.....	tons.. 489	304	4,418	6,543	998	1,355	1,355	238
62	Maple trees.....	number.. 20	1,559	3,124	1,597	19,681	1,010	694	8,792
63	Maple sugar (made).....	pounds.. 730	15	15	15	132	50	4	285
64	Maple sirup (made).....	gallons.. 10	292	1,036	637	5,018	225	125	2,228
<b>FRUITS AND NUTS</b>									
65	Orchard fruits:								
66	Total.....	trees.. 58,330	1,257	85,257	101,605	65,123	28,571	89,332	11,117
67	Apples.....	bushels.. 35,591	731	109,549	75,047	65,108	19,821	65,446	10,788
68	Apples.....	trees.. 44,457	755	64,089	81,059	60,452	24,408	74,200	10,008
69	Apples.....	bushels.. 33,048	648	90,908	68,687	64,120	19,400	62,564	10,678
70	Pears.....	trees.. 2,407	16	2,168	3,437	26	41	78	1
71	Pears.....	bushels.. 903	1	1,287	1,491	2	4	8	8
72	Plums and prunes.....	trees.. 1,427	458	745	2,137	916	867	1,118	769
73	Plums and prunes.....	bushels.. 140	80	67	143	55	183	86	84
74	Cherries.....	trees.. 9,752	28	18,127	14,810	3,650	1,218	13,007	306
75	Cherries.....	bushels.. 1,380	2	8,158	4,717	857	221	3,786	20
76	Grapes.....	vines.. 6,620	248	1,876	3,822	411	198	1,730	357
77	Grapes.....	pounds.. 43,307	1,368	13,501	26,008	5,680	1,085	8,287	1,159
78	Small fruits:								
79	Total.....	acres.. 53	25	55	141	133	43	144	637
80	Strawberries.....	quarts.. 64,756	23,185	58,483	267,062	104,721	41,774	251,626	1,383,361
81	Strawberries.....	acres.. 30	17	29	84	38	33	104	18
82	Cranberries.....	quarts.. 40,429	14,737	31,706	179,569	42,703	33,144	107,743	20,421
83	Cranberries.....	acres.. (1)	1	1	1	72	(1)	.....	614
84	Cranberries.....	quarts.. 32	.....	736	832	39,072	250	.....	1,354,336
85	Nuts.....	trees.. 1,761	.....	4,433	1,452	453	1,740	6,202	.....
86	Nuts.....	pounds.. 26,092	.....	33,350	15,705	4,975	23,625	55,490	.....

<sup>1</sup> Reported in fractions of an acre.

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909—Continued.

	Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.
1	Labor.....							
2	Farms reporting.....	1,712	344	1,232	1,947	2,003	1,533	1,039
3	Cash expended.....	441,148	39,957	180,763	442,250	300,871	185,381	270,796
4	Rent and board furnished.....	157,175	8,758	82,749	183,586	119,277	63,030	106,368
5	Fertilizer.....							
6	Farms reporting.....	53	4	14	62	80	33	48
7	Amount expended.....	2,092	94	388	2,169	839	421	1,766
8	Feed.....							
9	Farms reporting.....	1,185	412	1,076	1,688	1,563	1,277	940
10	Amount expended.....	230,319	32,017	54,719	196,533	89,729	77,244	87,835
11	Receipts from sale of feedable crops.....	350,817	15,778	474,166	373,261	110,636	33,722	362,667

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

		TIRE STATE.	Adams.	Ashland.	Barron.	Bayfield.	Brown.	Buffalo.	Burnett.	Calumet.
1	Inclusures reporting domestic animals.....	50,415	74	601	730	351	1,083	410	81	501
2	Value of domestic animals.....dollars..	13,087,159	15,250	151,280	153,420	153,591	235,905	97,405	11,822	83,346
<b>Cattle:</b>										
3	Total number.....	42,015	75	752	800	509	409	503	114	308
4	Value.....dollars..	1,357,519	2,314	25,941	25,854	20,597	15,063	14,424	2,793	9,848
5	Number of dairy cows.....	31,421	63	571	569	447	428	361	86	237
<b>Horses:</b>										
6	Total number.....	89,452	120	758	900	680	1,618	585	105	632
7	Value.....dollars..	11,474,828	12,665	124,142	123,452	131,690	215,455	81,680	8,805	72,628
8	Number of mature horses.....	88,468	118	740	970	679	1,607	558	105	628
<b>Mules and asses and burros:</b>										
9	Total number.....	911		3	23		21	3		3
10	Value.....dollars..	131,005		485	3,580		2,510	140		180
11	Number of mature mules.....	826		1			20	3		3
<b>Swine:</b>										
12	Total number.....	10,856	20	68	40	84	272	119	12	126
13	Value.....dollars..	104,069	271	707	437	1,303	1,002	1,114	164	678
<b>Sheep and goats:</b>										
14	Total number.....	4,124		1	20	1	19	16		4
15	Value.....dollars..	19,141		5	97	1	75	47		17

		Chippewa.	Clark.	Columbia.	Crawford.	Dane.	Dodge.	Door.	Douglas.	Dunn.
1	Inclusures reporting domestic animals.....	937	680	1,139	330	2,003	1,509	340	858	731
2	Value of domestic animals.....dollars..	160,746	131,721	290,442	72,765	520,037	278,074	69,615	289,855	132,902
<b>Cattle:</b>										
3	Total number.....	1,175	709	724	349	795	928	343	1,341	788
4	Value.....dollars..	33,710	21,886	23,845	12,148	27,981	31,181	9,697	48,701	22,947
5	Number of dairy cows.....	904	515	610	273	647	710	278	1,033	659
<b>Horses:</b>										
6	Total number.....	1,040	916	1,601	535	3,775	1,963	402	1,150	877
7	Value.....dollars..	123,126	104,244	230,047	57,012	486,484	228,691	48,032	190,554	108,275
8	Number of mature horses.....	1,021	899	1,652	515	3,740	1,943	397	1,146	852
<b>Mules and asses and burros:</b>										
9	Total number.....	20	41	33	12	24	24	64		3
10	Value.....dollars..	2,900	4,500	4,105	2,425	2,200	4,679	9,600		400
11	Number of mature mules.....	18	37	23	11	17	23	64		3
<b>Swine:</b>										
12	Total number.....	107	81	216	78	267	455	81	51	109
13	Value.....dollars..	880	1,020	2,348	1,180	3,294	3,052	652	510	1,196
<b>Sheep and goats:</b>										
14	Total number.....	27	15	19		3	2,216	10	21	17
15	Value.....dollars..	130	71	97		18	11,071	34	90	84

		Eau Claire.	Florence.	Fond du Lac.	Forest.	Grant.	Green.	Green Lake.	Iowa.	Iron.
1	Inclusures reporting domestic animals.....	981	544	1,475	207	1,378	773	593	705	497
2	Value of domestic animals.....dollars..	250,170	34,166	281,634	75,748	303,032	162,001	97,226	128,936	123,307
<b>Cattle:</b>										
3	Total number.....	818	245	656	322	1,021	404	504	455	1,374
4	Value.....dollars..	25,395	6,954	22,658	13,942	30,181	16,746	15,112	16,206	42,106
5	Number of dairy cows.....	657	160	501	178	789	322	404	343	734
<b>Horses:</b>										
6	Total number.....	1,450	188	2,122	455	2,187	1,164	684	1,004	421
7	Value.....dollars..	223,569	27,100	255,325	60,900	253,313	144,160	79,820	110,787	78,101
8	Number of mature horses.....	1,441	183	2,108	455	2,139	1,150	679	976	413
<b>Mules and asses and burros:</b>										
9	Total number.....	2	15	15	1	61	10	11	12	1
10	Value.....dollars..	200	25	2,350	200	10,670	975	1,400	1,360	100
11	Number of mature mules.....	2	1	15	1	54	8	11	11	
<b>Swine:</b>										
12	Total number.....	117	13	169	52	205	116	136	49	271
13	Value.....dollars..	1,092	77	1,228	694	2,559	995	893	583	2,983
<b>Sheep and goats:</b>										
14	Total number.....	5		40	2	60	5	1		4
15	Value.....dollars..	44		73	12	309	25	1		17

		Jackson.	Jefferson.	Juneau.	Kenosha.	Kewaunee.	La Crosse.	Lafayette.	Langlade.	Lincoln.
1	Inclusures reporting domestic animals.....	416	1,020	511	626	407	1,066	630	622	709
2	Value of domestic animals.....dollars..	69,728	107,784	109,086	103,280	54,163	243,568	119,806	125,439	123,837
<b>Cattle:</b>										
3	Total number.....	538	386	535	135	400	592	437	721	713
4	Value.....dollars..	15,423	14,868	15,473	5,141	10,630	19,872	17,063	21,001	20,663
5	Number of dairy cows.....	399	337	364	114	309	500	303	485	561
<b>Horses:</b>										
6	Total number.....	504	1,509	766	1,154	400	1,853	902	806	855
7	Value.....dollars..	52,777	179,811	87,350	157,800	41,523	215,806	100,303	102,563	100,770
8	Number of mature horses.....	499	1,493	762	1,152	396	1,840	885	804	847
<b>Mules and asses and burros:</b>										
9	Total number.....	3	13	24			43	5	7	9
10	Value.....dollars..	275	1,810	5,635			7,219	750	680	1,045
11	Number of mature mules.....	3	11	22			41	5	4	9
<b>Swine:</b>										
12	Total number.....	74	189	36	29	262	48	151	155	162
13	Value.....dollars..	248	1,281	347	259	1,098	430	1,550	1,177	1,288
<b>Sheep and goats:</b>										
14	Total number.....		3	28	14	4	53	30	8	37
15	Value.....dollars..		14	281	80	12	241	140	38	121



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

		Manitowoc.	Marathon.	Marquette.	Marquette.	Milwaukee.	Monroe.	Oconto.	Oneida.	Outagamie.
1	Inclusures reporting domestic animals.....	1,240	1,365	801	312	5,352	758	647	342	1,319
2	Value of domestic animals..... dollars..	206,970	226,321	161,555	64,769	2,257,203	163,736	112,866	80,650	261,552
<b>Cattle:</b>										
3	Total number.....	754	1,551	840	321	945	733	680	388	1,001
4	Value..... dollars..	23,573	43,442	24,045	8,314	32,865	22,400	19,176	12,835	48,800
5	Number of dairy cows.....	562	1,168	661	235	533	557	498	288	801
<b>Horses:</b>										
6	Total number.....	1,548	1,484	1,087	406	14,981	1,128	695	453	1,658
7	Value..... dollars..	174,792	179,603	132,587	55,040	2,186,813	125,940	90,474	66,920	205,255
8	Number of mature horses.....	1,521	1,473	1,079	483	14,947	1,115	678	451	1,640
<b>Mules and asses and burros:</b>										
9	Total number.....	11	2	34	4	85	26	1	1	37
10	Value..... dollars..	1,220	110	2,820	575	16,610	4,475	35	25	6,075
11	Number of mature mules.....	11	1	33	3	80	26	1	1	36
<b>Swine:</b>										
12	Total number.....	929	290	231	43	1,242	76	391	87	194
13	Value..... dollars..	7,334	1,794	2,083	219	18,607	852	3,148	758	1,352
<b>Sheep and goats:</b>										
14	Total number.....	13	97	6	5	441	21	8	38	9
15	Value..... dollars..	52	312	20	21	2,223	60	33	112	40

		Ozaukee.	Polk.	Pierce.	Polk.	Portage.	Price.	Racine.	Richland.	Rock.
1	Inclusures reporting domestic animals.....	300	100	582	298	725	287	1,109	526	1,670
2	Value of domestic animals..... dollars..	58,070	48,095	110,333	61,846	135,301	62,973	298,223	100,111	377,771
<b>Cattle:</b>										
3	Total number.....	145	245	642	313	593	376	223	437	552
4	Value..... dollars..	5,934	6,023	18,104	8,402	18,985	10,303	9,122	15,296	20,298
5	Number of dairy cows.....	134	162	465	200	497	274	191	311	464
<b>Horses:</b>										
6	Total number.....	461	283	704	404	842	416	2,117	837	2,787
7	Value..... dollars..	52,113	36,540	91,184	53,244	113,631	51,195	287,850	81,975	352,028
8	Number of mature horses.....	441	277	789	463	837	414	2,108	818	2,763
<b>Mules and asses and burros:</b>										
9	Total number.....	7	2	2	1	2	6	14	14	25
10	Value..... dollars..	360	125	30	250	950	1,230	4,005	28	4,005
11	Number of mature mules.....	6	2	2	2	6	11	23	11	23
<b>Swine:</b>										
12	Total number.....	44	88	96	61	106	109	179	177	117
13	Value..... dollars..	234	1,932	860	61	2,336	1,183	1,585	1,231	1,231
<b>Sheep and goats:</b>										
14	Total number.....	7	19	19	4	15	37	11	52	52
15	Value..... dollars..	20	79	79	19	42	122	55	209	209

		Rusk.	St. Croix.	Sauk.	Sawyer.	Shawano.	Sheboygan.	Taylor.	Trempealeau.	Vernon.
1	Inclusures reporting domestic animals.....	283	585	957	102	767	1,299	343	733	602
2	Value of domestic animals..... dollars..	71,048	130,020	340,302	40,074	161,119	296,101	60,444	147,242	124,333
<b>Cattle:</b>										
3	Total number.....	420	801	584	313	759	438	513	894	763
4	Value..... dollars..	12,059	23,018	19,566	9,301	20,262	10,622	14,680	25,101	22,230
5	Number of dairy cows.....	271	513	463	220	519	347	374	674	551
<b>Horses:</b>										
6	Total number.....	491	778	2,312	310	1,163	2,130	378	987	990
7	Value..... dollars..	58,392	107,024	318,724	38,565	137,881	268,423	44,050	117,893	98,801
8	Number of mature horses.....	473	756	2,283	309	1,130	2,122	367	967	965
<b>Mules and asses and burros:</b>										
9	Total number.....	5	2	12	8	47	2	15	15	16
10	Value..... dollars..	375	105	1,625	1,425	6,615	40	2,040	13	2,040
11	Number of mature mules.....	4	9	9	8	44	2	13	13	15
<b>Swine:</b>										
12	Total number.....	70	57	42	82	215	202	194	97	122
13	Value..... dollars..	821	541	332	1,094	1,418	1,105	1,673	1,362	1,191
<b>Sheep and goats:</b>										
14	Total number.....	7	70	31	28	230	68	1	163	14
15	Value..... dollars..	31	232	155	114	633	396	1	726	65

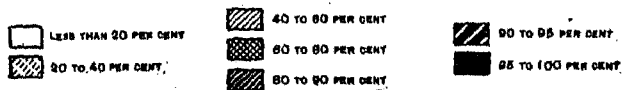
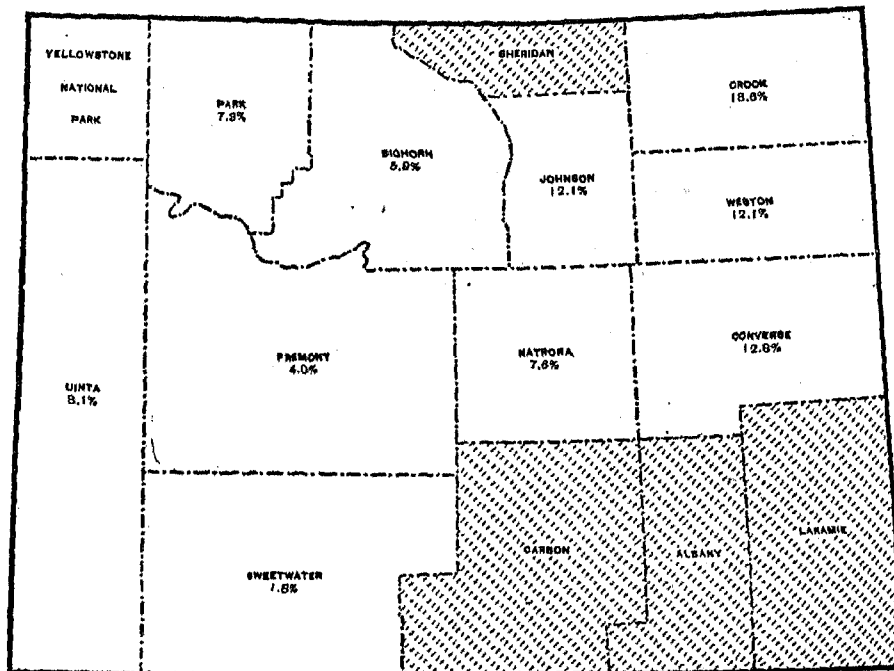
		Vilas.	Walworth.	Washburn.	Washington.	Waukesha.	Waupaca.	Waushara.	Winnebago.	Wood.
1	Inclusures reporting domestic animals.....	206	1,612	203	553	1,306	918	380	1,485	848
2	Value of domestic animals..... dollars..	123,917	323,457	45,770	108,217	244,732	170,833	88,186	255,803	137,523
<b>Cattle:</b>										
3	Total number.....	466	660	246	204	461	584	196	904	870
4	Value..... dollars..	16,025	24,538	7,254	9,770	15,340	19,797	6,040	34,365	24,411
5	Number of dairy cows.....	274	438	178	209	347	507	157	769	668
<b>Horses:</b>										
6	Total number.....	581	2,575	308	815	2,120	1,253	714	1,783	936
7	Value..... dollars..	105,778	290,557	37,615	97,297	228,110	149,310	80,785	218,150	112,019
8	Number of mature horses.....	568	2,547	301	812	2,107	1,238	697	1,776	922
<b>Mules and asses and burros:</b>										
9	Total number.....	2	12	6	2	7	5	9	7	4
10	Value..... dollars..	200	1,380	575	40	825	850	947	950	270
11	Number of mature mules.....	2	11	6	2	7	5	6	7	4
<b>Swine:</b>										
12	Total number.....	133	107	26	140	65	77	42	252	84
13	Value..... dollars..	1,014	1,020	292	1,110	446	871	404	1,813	796
<b>Sheep and goats:</b>										
14	Total number.....	3	10	34	3	1	1	5	5	5
15	Value..... dollars..	12	34	34	2	5	10	25	25	27

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

PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 18.7.]

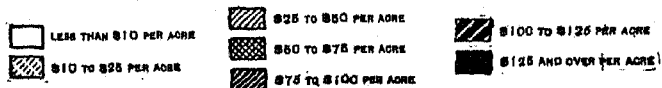
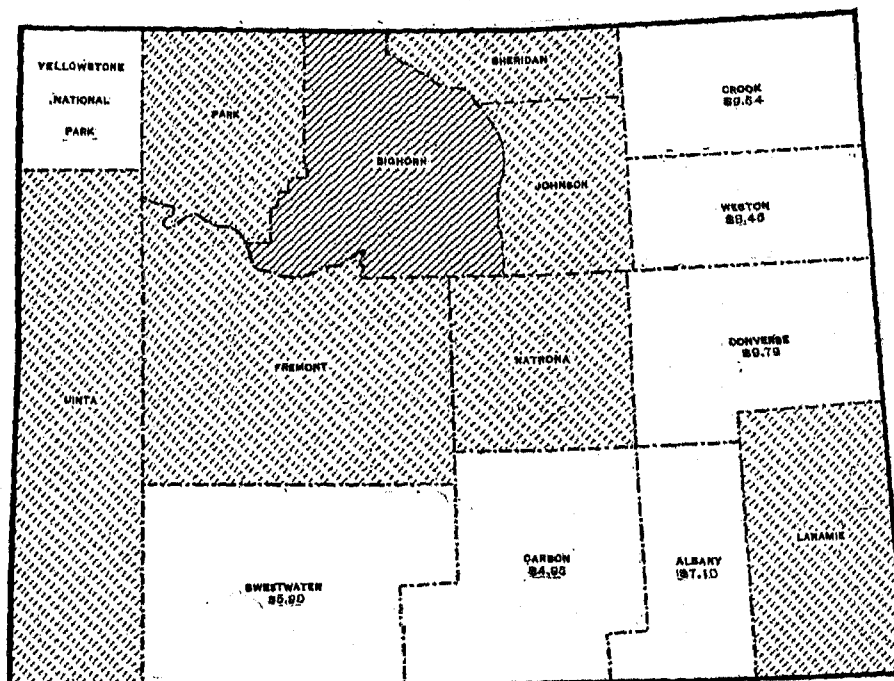
The per cent of land area in farms, when less than 20, is inserted under the county name.



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$10.41.]

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



# WYOMING.

## FARMS AND FARM PROPERTY.

Wyoming ranks eighth in land area and forty-eighth in population among the states and territories of continental United States. Very little of the state lies at an elevation of less than 4,000 feet and more than one-half of the total area of the state exceeds an elevation of 6,000 feet above sea level.

The Black Hills occupy a small area in the extreme northeastern part of the state.

The High Plains, forming the remainder of the eastern portion of Wyoming, rise from an altitude of 4,000 feet along the state line to altitudes of 7,000 feet along the eastern slope of the Rocky Mountains, and also occupy large areas of the southern and southwestern portions of the state. Mountain masses form practically all of the northwestern section, and mountain ranges are also found in the southeastern region.

Except in a few counties in the northeastern part of the state, the rainfall over the state is not usually sufficient for growing crops without irrigation, the normal annual precipitation ranging from 10 to 15 inches. Irrigation is practiced in all sections of the state where water is available.

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 slightly more than one-eighth (13.7 per cent) is in farms. In ten counties the proportion is less than 20 per cent, while in each of the remaining four counties—Sheridan, Carbon, Albany, and Laramie—it is between 20 and 40 per cent. Of the latter counties three are in the southeastern corner of the state and one in the extreme northern part. The average value of farm land per acre for the state as a whole is \$10.41. In Bighorn County the average value is between \$25 and \$50 per acre, while in the five counties adjoining Bighorn, and in Uinta County, in the western part of the state, and Laramie County, in the southeastern part, it is between \$10 and \$25 per acre. In six counties along the eastern and southern boundaries the average is less than \$10 per acre.

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.....	145,965	92,531	53,434	57.7
Number of all farms.....	10,987	6,095	4,892	80.3
Approximate land area of the state..... acres.....	62,460,160	62,460,160	.....	.....
Land in farms..... acres.....	8,543,010	8,124,536	418,474	5.2
Improved land in farms..... acres.....	1,256,160	792,332	463,828	58.5
Average acres per farm.....	777.6	1,333.0	-556.4	-41.7
Value of farm property:				
Total.....	\$167,189,081	\$67,477,407	\$99,711,674	147.8
Land.....	88,908,276	23,434,010	65,474,266	279.4
Buildings.....	9,007,001	3,531,520	5,475,481	155.0
Implements and machinery.....	3,668,294	1,366,000	2,302,294	168.5
Domestic animals, poultry, and bees.....	65,605,510	39,145,877	26,459,633	67.6
Average value of all property per farm.....	\$15,217	\$11,071	\$4,146	37.4
Average value of land per acre.....	\$10.41	\$2.88	\$7.53	261.5

<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 273 such ranges included as farms.

Between 1900 and 1910 there was an increase of 4,892, or 80.3 per cent, in the number of farms in Wyoming, as compared with an increase of 57.7 per cent in the population of the state. The total farm acreage is reported as 8,543,010, compared with 8,124,536 in 1900, an increase of 5.2 per cent. In Fremont County, which includes the Shoshone Indian Reservation, an apparent decrease of 1,461,324 acres occurred, this decrease arising from the different methods pursued at the two censuses in reporting Indian land. In 1900 the entire reservation was reported as constituting a single farm,

while in 1910 very little of it was reported as farm land, a large part of it, in fact, having been returned to the Government domain. For the state as a whole, exclusive of Fremont County, the increase in farm acreage is 1,879,798, or 29.6 per cent. The acreage of improved land increased 58.5 per cent during the decade. The average size of the farms decreased 41.7 per cent, the higher average size in 1900 being due largely to the inclusion of large tracts of range land not reported as farm land in 1910, and of the Indian reservation above referred to.

The total value of farm property, which includes that of land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased by \$99,712,000, or 147.8 per cent, since 1900. Land alone increased in value by 279.4 per cent, compared with an increase of 168.5 per cent in the value of implements and machinery, of 155 per cent in that of buildings, and of 67.6 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, is \$15,217, an increase of 37.4 per cent over the value in 1900. During the decade the average value of land per acre has increased from \$2.88 to \$10.41, a gain of \$7.53, or 261.5 per cent. This low average for 1900 was largely due to the inclusion of a considerable acreage of very low-priced range land for which no report was secured in 1910; the increase is therefore in part misleading.

**Irrigation.**—Of the 10,987 farms in the state, 6,297, or 57.3 per cent, were reported as irrigated in 1909. The acreage reported as irrigated in 1909 was 1,133,302 acres, or 90.2 per cent of the improved land in farms. The area to which enterprises existing in 1910 were capable of supplying water was 1,639,510 acres, and the total land included in projects completed or under way in 1910 was 2,224,298 acres.

**Population, number of farms, and farm acreage: 1870 to 1910.**—The table following presents, for the state as a whole for each census from 1870 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popula-tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im-proved.
		Num-ber.	Per cent of in-crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in-crease.			
1910.....	145,965	10,987	80.3	8,543,010	5.2	1,256,160	13.7	14.7
1900.....	92,531	6,095	95.0	8,124,536	343.9	792,332	13.0	9.8
1890.....	62,555	3,125	583.8	1,830,432	1,371.0	476,831	2.9	26.1
1880.....	20,789	457	161.1	124,433	2,766.5	83,122	0.2	66.8
1870 <sup>1</sup> .....	9,118	175	.....	4,341	.....	338	(*)	7.8

<sup>1</sup> No data prior to 1870. Organized as a territory in 1868.  
<sup>2</sup> Less than one-tenth of 1 per cent.

During the 40 years since 1870 the population of the state has increased from 9,118 to 145,965, or fifteen-fold, the greatest absolute increase during the period being that of 53,434 for the last decade. During each of the four decades covered by the table an increase has occurred in the number of farms, in the total farm acreage, and in the acreage of improved farm land. The number of farms is now 10,987, an increase of 80.3 per cent as compared with the number for 1900 (6,095) and more than three times the number for 1890 (3,125).

The total land area of the state is approximately 62,460,160 acres, of which 8,543,010 acres, or 13.7 per cent, are included in farms. Of the farm land, 1,256,160 acres, or 14.7 per cent, are reported as improved. In 1890 the total acreage of land in farms was only 1,830,432, of which 476,831, or 26.1 per cent, were reported as improved; earlier censuses show very little agriculture. Since that time the extensive development of the live stock industry has resulted in the utilization of large areas of unimproved land. Much of this land is in forest reserves and Indian reservations, and in 1900 was leased to live stock farmers. At the 1910 census, however, the land itself is in many cases not leased, but the farmers are given the privilege of keeping domestic animals upon it at a charge based primarily on the number of animals rather than on the acreage utilized. The acreage which these farmers used in 1900 was reported as part of their farms, but at the census of 1910 the acreage of these tracts was as a rule not reported at all. Hence the total farm acreage reported for 1910 is not entirely comparable with that reported for 1900.

It was pointed out in the census reports for 1900 that the increasing use of this unimproved land by live stock farmers between 1890 and 1900 was the main factor accounting for the decrease in the proportion of farm land improved, this proportion having been 26.1 per cent in 1890 and only 9.8 per cent in 1900. Another factor contributing to this result was the more strict construction of the word "improved" in 1900 than in 1890. Although the failure to report in 1910 much land which in 1900 was classified as unimproved would tend to increase the proportion reported as improved in 1910, this has been partially counteracted by the tendency toward a more strict construction as to what constitutes improved land, much of the acreage which in 1890 and in 1900 was reported as improved being now reported as unimproved. It may be noted that although the proportion reported as improved at the census of 1910 (14.7 per cent) is greater than in 1900 it is still less than in 1890.

**Values of farm property: 1870 to 1910.**—The agricultural changes in Wyoming since 1870, 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 in-crease.	Value.	Per cent of in-crease.	Value.	Per cent of in-crease.	Value.	Per cent of in-crease.
1910....	\$167,189,081	147.8	\$97,915,277	263.1	\$3,608,294	168.5	\$65,005,510	67.6
1900....	67,477,407	99.8	20,995,530	85.5	1,360,000	161.0	39,145,877	108.4
1890....	133,768,431	233.9	14,460,880	1,020.0	522,250	447.0	18,785,301	104.6
1880....	1,10,113,484	2,614.0	835,895	5,644.9	95,482	1,985.7	19,182,107	2,498.0
1870 <sup>2</sup> ..	372,563	.....	14,580	.....	4,578	.....	353,436	.....

<sup>1</sup> Includes estimated value of range animals.  
<sup>2</sup> Computed gold values, being 80 per cent of the currency values reported.  
<sup>3</sup> No data prior to 1870. Organized as a territory in 1868.

The total wealth in the form of farm property in Wyoming is \$167,189,000, of which nearly three-fifths, or \$97,915,000, is contributed by land and buildings. The value of land and buildings is more than three and one-half times as great as it was in 1900, having increased 263.1 per cent during the decade. In 1870 the value was but \$14,550 and since that date has continuously increased. A continuous advance has also occurred in the value of live stock and in that of implements and machinery. In each of the three classes the absolute gain during the last 10 years has been greater than during any other decade covered by the table.

In comparing the value of the individual classes of farm property it may be noted that at the census of 1900, as at preceding censuses, the greatest value was reported for live stock, with land and buildings second in importance, but that since 1900 these two classes have changed places. Of the total value of farm property in 1900, the value of live stock formed 58 per cent, that of land and buildings 40 per cent, and that of implements and machinery 2 per cent, while at the present time the proportions are 39.2 per cent, 58.6 per cent, and 2.2 per cent, respectively.

**Average acreage and values per farm: 1870 to 1910.**—The changes which have taken place during the past 40 years in the average acreage of Wyoming 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.....	777.6	\$15,217	\$8,012	\$334	\$5,071	\$11.40
1900.....	1,333.0	11,071	4,424	224	6,423	3.32
1890.....	585.7	\$10,806	4,627	167	\$6,011	7.00
1880.....	272.3	\$22,130	1,829	209	\$20,092	6.72
1870 <sup>2,4</sup> .....	24.8	2,129	83	20	2,020	3.35

<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.  
<sup>4</sup> No data prior to 1870. Organized as a territory in 1868.

One striking characteristic of Wyoming is the great area of semiarid land utilized for grazing purposes only, or left unutilized. Upon this land are located many very large farms or ranches, and these holdings give a high average acreage per farm. Farms other than those used almost exclusively for grazing are not, on the average, unusually large.

The average size of a Wyoming farm is 777.6 acres, showing a decrease as compared with 1900, when it was 1,333 acres, but an increase as compared with 1890, when it was 585.7 acres. In 1870 and 1880 there was much free land not in farms but utilized for grazing purposes; the inclusion of this land in farms in 1890 and in 1900 tended to increase the average size. Since 1900 the change in policy as to land in forest reserves

and Indian reservations above referred to has excluded a considerable acreage from the category of farm land, and so reduced the average size of farms.

The average value of the Wyoming farm has increased during the last 20 years from \$10,806 in 1890 to \$11,071 in 1900 and \$15,217 in 1910. In 1880 the average value was \$22,130. In that year, however, live stock on free public ranges contributed much to the reported high average. The average value of land and buildings per acre is \$11.46, an increase as compared with 1900, when it was \$3.32, and with 1890, when it was \$7.90. The very low average value per acre in 1900 was due to the inclusion of much land not reported as farm land in 1910.

**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.....	10,987	6,095	3,125	457
<b>Farms operated by owners and managers</b>	<b>10,080</b>	<b>5,631</b>	<b>2,998</b>	<b>444</b>
Farms consisting of owned land only.....	8,677	4,007	(1)	(1)
Farms consisting of owned and hired land.....	1,402	1,178	(1)	(1)
Farms operated by managers.....	311	440	(1)	(1)
<b>Farms operated by tenants</b> .....	<b>897</b>	<b>464</b>	<b>132</b>	<b>13</b>
Share tenants.....	407	233	71	8
Share-cash tenants <sup>2</sup> .....	27			
Cash tenants.....	266	231	61	5
Tenure not specified <sup>3</sup> .....	197			
<b>Per cent of farms operated by—</b>				
Owners and managers.....	91.8	92.4	95.8	97.1
Tenants.....	8.2	7.6	4.2	2.9
Share and share-cash.....	4.0	3.8	2.3	1.8
Cash and nonspecified.....	4.2	3.8	1.9	1.1

<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 10,987. Of these operators, 9,779 are classified as owners, 311 as managers, and 897 as tenants. Of the owners, 8,677 operate land owned exclusively by them, while 1,102 operate land which they rent in addition to that which they own. The farmers classified as tenants are further distributed according to the character of their tenure; thus 407 are share tenants, 27 share-cash tenants, and 266 cash tenants. For 197 no report relative to character of tenure was secured.

During the past decade the number of tenant farms has increased from 464 to 897, a gain of 433. In 1880 about 1 farm in every 35 was in the hands of a tenant; in 1890 the proportion was about 1 in every 24; in 1900, 1 in every 13; and in 1910, about 1 in every 12. The proportion of tenancy in Wyoming in 1910 (8.2 per cent), although greater than for any of the preceding decades, is less than one-fourth of the average for the United States as a whole (37 per cent). In order to compare the figures for the various classes for 1910 with those for earlier censuses, it is necessary to group the share-cash

tenants with the share tenants and those of non-specified tenure with the cash tenants. Until 1910 the former group of tenants slightly outnumbered the latter; in 1910 the number in the latter group was the more numerous.

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
Total.....	8,543,010	8,124,530	1,256,160	792,332	\$97,015,277	\$26,965,530
Owners.....	5,152,581	4,022,941	940,372	546,337	71,270,554	16,510,440
Managers.....	2,832,002	3,608,153	180,000	190,744	17,184,459	8,505,500
Tenants.....	527,437	493,440	125,888	55,251	9,454,264	1,850,500

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

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	89.0	85.1	80.3	49.5	74.0	69.0	72.8	61.2
Managers.....	2.8	7.3	33.5	44.4	15.1	24.1	17.5	31.9
Tenants.....	8.2	7.6	6.2	6.1	10.0	7.0	9.7	6.9

It will be seen that, in 1910, 60.3 per cent of all land in farms was in farms operated by their owners (including part owners), 33.5 per cent in farms operated by managers, and 6.2 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 (9,205.8 acres) was somewhat less than sixteen times as great as that of farms operated by tenants (588 acres), which was in turn larger than that of farms operated by owners (526.9 acres). The average size of farms operated by managers increased between 1900 and 1910, while that of farms operated by owners and by tenants 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.		1910	1900	Per farm.		Per acre.	
	1910	1900	1910	1900			1910	1900	1910	1900
Total.....	777.0	1,333.0	114.3	130.0	14.7	9.8	\$8,012	\$4,424	\$11.46	\$3.32
Owners.....	526.9	775.0	90.2	105.4	18.3	13.0	7,289	3,184	13.83	4.10
Managers.....	9,205.8	8,030.0	610.6	427.7	6.6	5.3	55,255	10,273	6.00	2.38
Tenants.....	588.0	1,063.4	140.3	110.1	23.9	11.2	10,540	4,008	17.92	3.77

**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. <sup>2</sup>		OWNED FARM HOMES. <sup>3</sup>	
	1910		1900		1890	
	Number.	Per cent. <sup>3</sup>	Number.	Per cent. <sup>3</sup>	Number.	Per cent.
Total.....	9,779		5,065		2,796	
Free from mortgage.....	7,815	80.3	4,095	87.8	2,431	87.0
Mortgaged.....	1,923	19.7	569	12.2	365	13.0
Unknown.....	41		401			

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

<sup>2</sup> The 176 "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 9,779. Of this number 7,815 were reported as free from mortgage; 1,923 were reported as mortgaged; and for 41 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 19.7 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is somewhat larger than it was in 1900 and 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the absolute number of farms free from mortgage increased much more than 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 1,923 farms reported as mortgaged, 1,606 are wholly owned by the farmers, and for 1,531 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.	Per cent.
Number.....	1,531	365		
Value—Land and buildings.....	\$10,075,387	\$1,313,894		
Amount of mortgage debt.....	\$4,207,083	\$455,061		
Per cent of debt to value.....	25.2	34.6		
Average value per farm.....	\$10,892	\$3,600	\$7,292	202.6
Average debt per farm.....	\$2,749	\$1,247	\$1,502	120.4
Average equity per farm.....	\$8,143	\$2,353	\$5,790	246.1

<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 value of farms and amount of debt for all defective reports.

The average debt of the mortgaged farm increased in the 20 years between 1890 and 1910 from \$1,247 to \$2,749, or 120.4 per cent, while the average value of such farms rose from \$3,600 to \$10,892, or 202.6 per cent. Thus the owner's equity increased from \$2,353 to \$8,143, or 246.1 per cent. As a result of the greater relative increase in the total farm value than in the total farm debt, the mortgage indebtedness, which was 34.6 per cent of the value of the mortgaged farms in 1890, had decreased to 25.2 per cent of this value in 1910.

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

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
					1910	1900
Total.....	10,927	6,085	4,892	80.3	100.0	100.0
Under 3 acres.....	284	459	-175	-38.1	2.6	7.5
3 to 9 acres.....	83	28	55	106.4	0.8	0.5
10 to 19 acres.....	53	15	38	253.3	0.5	0.3
20 to 49 acres.....	338	75	263	350.7	3.1	1.2
50 to 99 acres.....	645	257	388	151.0	5.9	4.2
100 to 174 acres.....	3,810	2,201	1,615	73.4	34.7	36.1
175 to 259 acres.....	783	328	455	138.7	7.1	5.4
260 to 499 acres.....	2,840	1,092	1,748	160.0	25.9	17.0
500 to 999 acres.....	984	723	261	36.1	9.0	11.9
1,000 acres and over..	1,155	617	538	87.2	10.5	15.0

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

More than one-third (34.7 per cent) of the farms in the state are from 100 to 174 acres in size, and slightly more than one-fourth (25.9 per cent) comprise from 260 to 499 acres. It may be noted that these two groups, which include the 160-acre and 320-acre farms,

together comprise over three-fifths of the total number of farms in the state, and, further, that the absolute increase in these two groups during the decade was nearly twice as great as that in all the other groups combined.

The number of places "under 3 acres" reported as farms decreased 38.1 per cent during the 10 years from 1900 to 1910. The numbers in all the other groups increased, but at varying rates, so that the relative importance of the groups has changed somewhat during the decade. Farms of 3 to 99 acres and those of 175 to 499 acres constituted a larger percentage of the total number of farms in 1910 than in 1900, and farms of 100 to 174 acres and those of 500 or more acres a smaller proportion.

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 420), and also the farms of between 175 and 499 acres (numbering 3,629):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	8,543,010	8,124,536	1,256,160	792,332	\$97,915,277	\$26,965,530
Under 20 acres.....	1,119	511	951	318	389,589	40,030
20 to 49 acres.....	12,610	3,119	8,911	1,838	704,200	357,720
50 to 99 acres.....	49,985	21,745	33,077	8,085	2,310,805	247,430
100 to 174 acres.....	595,182	345,633	174,978	106,080	12,457,188	2,001,540
175 to 499 acres.....	1,100,263	498,953	390,228	143,003	22,592,822	4,217,850
500 to 999 acres.....	703,831	590,490	189,064	138,153	13,119,697	6,022,380
1,000 acres and over.	6,014,023	6,604,645	518,001	392,989	46,280,826	12,508,980

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

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	3.8	8.2	( )	( )	0.1	( )	0.4	0.2
20 to 49 acres.....	3.1	1.2	0.1	( )	0.7	0.2	0.8	1.3
50 to 99 acres.....	5.9	4.2	0.6	0.3	2.6	1.1	2.4	0.9
100 to 174 acres.....	34.7	36.1	7.0	4.2	13.0	13.5	12.7	9.0
175 to 499 acres.....	33.0	23.3	13.7	6.1	26.3	18.1	23.0	15.6
500 to 999 acres.....	8.0	11.9	8.2	7.3	15.1	17.4	13.4	25.7
1,000 acres and over.	10.5	15.0	70.4	82.0	41.3	40.6	47.3	40.4

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

Of the total farm acreage of the state in 1910, 70.4 per cent was in farms of 1,000 acres and over, this being from the standpoint of aggregate acreage by far the most important size group, although it comprised only 10.5 per cent of the total number of farms. Between 1900 and 1910 there was a decrease in the proportion of the total acreage which was in farms of 1,000 acres or over, offset by increases in the proportion in every other size group.

In general, as shown by the next table, the percentage of farm land improved diminishes as the 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.....	14.7	9.8	\$8,912	\$4,424	\$11.46	\$3.32
Under 20 acres.....	85.2	62.2	928	99	349.09	97.12
20 to 40 acres.....	70.0	48.9	2,350	4,770	62.99	114.60
50 to 99 acres.....	66.0	39.0	3,583	963	46.23	11.38
100 to 174 acres.....	29.4	30.0	3,264	1,209	20.93	7.71
175 to 499 acres.....	28.3	28.8	6,217	2,979	19.95	8.45
500 to 999 acres.....	26.0	23.4	13,333	9,575	18.64	11.72
1,000 acres and over.....	8.0	5.0	40,070	13,641	7.70	1.88

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

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Own-ers.	Ten-ants.	Man-agers.	Per cent of total.		
	Num-ber.	Per cent dis-tribu-tion.				Own-ers.	Ten-ants.	Man-agers.
Total.....	10,987	100.0	9,779	897	311	89.0	8.2	2.8
Native white.....	9,019	82.1	7,965	795	259	88.3	8.8	2.9
Foreign-born white..	1,903	17.3	1,753	99	51	92.1	5.2	2.7
Negro and other nonwhite.....	65	0.6	61	3	1	93.8	4.0	1.5

More than four-fifths of the Wyoming farmers were native whites and nearly one-fifth foreign-born whites. Only 65, or six-tenths of 1 per cent of the total, were nonwhite; 44 being Indians; 19, negroes; 1, Chinese; and 1, Japanese. Of the native-born white farmers, 8.8 per cent were tenants; of the foreign born, 5.2 per cent.

Of the 1,903 foreign-born white farmers in Wyoming in 1910, 324 were born in England, 321 in Germany, 252 in Sweden, 178 in Scotland, 160 in Canada, 147 in Denmark, 122 in Ireland, 79 in Austria, 55 in Norway, and 52 in Switzerland. Other European countries were represented by 203 farmers, and non-European countries, other than Canada, by 10.

**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 here, 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, 10,151, or 92.4 per cent, report domestic animals of some kind, the number without any domestic animals being only 836.

Of all farms, 73.2 per cent report cattle, 67.4 per cent "dairy cows," and only 38.6 per cent "other cows." The number of cows not kept for dairy purposes is, however, more than nine times as great as that of "dairy cows."

The farms reporting "dairy cows" show an average of over 4 per farm, while those reporting "other cows" show an average of about 72. All classes of cattle except calves increased materially in number during the decade. 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 reported decreasing from 126,770 to 45,987, and the average value decreasing from \$14.11 to \$10.28.

Horses are reported by 88.9 per cent of all the farms in the state. It is noteworthy that 38.9 per cent report colts born in 1909 and 16.9 per cent spring colts. The average value of mature horses is over three times that reported in 1900.

Mules are reported by 5.7 per cent of the farms, the number of this class of animals being only 1.3 per cent of the number of horses. The average values of mules are considerably higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 1,643 farms, or 15 per cent of all farms in the state. Of these farms, about one-half report spring lambs, the number of the latter being equal to 14.4 per cent of the number of ewes. This decidedly small proportion is doubtless due to the early date of enumeration. Ewes are reported from all but 112 of the farms reporting sheep, the average number being 2,583 per farm reporting. The farms reporting rams and wethers show an average of 692 per farm. The average flock, excluding spring lambs, numbers 2,938, while in 1900 it numbered 3,092.

The next table summarizes the statistics of domestic animals 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.....	10,151	92.4	.....	\$65,384,559	.....
<b>Cattle</b> .....	8,045	73.2	787,427	22,697,387	\$28.58
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	7,407	67.4	32,690	1,387,273	42.43
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	4,246	38.6	307,189	9,410,305	30.63
Heifers born in 1909.....	4,868	44.3	83,896	1,658,740	19.77
Calves born after Jan. 1, 1910.....	4,293	39.1	45,987	472,620	10.28
Steers and bulls born in 1909.....	3,752	34.1	82,506	1,988,205	24.10
Steers and bulls born before Jan. 1, 1909.....	2,598	23.6	172,024	6,570,184	38.25
Unclassified cattle.....	168	1.5	43,126	1,201,051	27.85
<b>Horses</b> .....	9,763	88.9	156,062	12,426,838	79.63
Mares, stallions, and geldings born before Jan. 1, 1909.....	9,685	88.1	127,275	11,259,600	88.47
Colts born in 1909.....	4,274	38.9	20,638	810,076	40.73
Colts born after Jan. 1, 1910.....	1,859	16.9	5,078	137,177	27.01
Unclassified horses.....	40	0.4	3,071	189,295	61.04
<b>Mules</b> .....	622	5.7	2,045	248,572	121.55
Mules born before Jan. 1, 1909.....	549	5.0	1,675	226,432	135.18
Mule colts born in 1909.....	106	1.0	325	20,600	63.38
Mule colts born after Jan. 1, 1910.....	32	0.3	45	1,540	34.22
<b>Asses and burros</b> .....	92	0.8	241	27,690	114.90
<b>Pigs</b> .....	3,942	35.9	33,947	301,716	8.89
Hogs and pigs born before Jan. 1, 1910.....	3,798	34.6	23,301	271,694	11.66
Pigs born after Jan. 1, 1910.....	1,089	9.0	10,646	30,022	2.82
<b>Sheep</b> .....	1,643	15.0	5,397,161	29,666,228	5.50
Ewes born before Jan. 1, 1910.....	1,531	13.9	3,954,463	22,038,301	5.80
Rams and wethers born before Jan. 1, 1910.....	1,200	11.5	872,102	5,103,297	5.95
Lambs born after Jan. 1, 1910.....	815	7.4	570,596	1,534,540	2.09
<b>Goats</b> .....	72	0.7	2,739	16,128	5.89

Of all farms, 35.9 per cent report swine, the average number being less than nine per farm reporting. Only .9 per cent of all farms report spring pigs, which is due largely to the early date of enumeration. The average value of swine reported under the head of hogs and pigs born before January 1, 1910, is \$11.66.

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Per cent of all farms.			
Total.....	7,415	67.5	341,050	\$194,078	149,564
Chickens.....	7,407	67.4	324,084	175,030	142,136
Turkeys.....	1,333	12.1	5,883	11,041	3,664
Ducks.....	744	6.8	3,411	2,618	2,452
Geese.....	419	3.8	1,708	3,116	1,312
Water fowls.....	134	1.2	381	319	(1)
Pheasants.....	303	2.8	4,677	1,017	(2)
Other fowls.....	4	(3)	6	38	(2)

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

The increase in the number of fowls on Wyoming farms during the last decade amounts to 191,486, or 38 per cent, while the value shows an increase from

\$60,400 to \$194,100, or 221.3 per cent. The number of farms reporting poultry increased from 3,660 to 7,415, or 102.6 per cent, so that the average number of fowls per farm reporting increased from 41 to 46. All kinds of poultry show increases; the number of fowls other than chickens is, however, comparatively small. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

**Bees on farms: 1910 and 1900.**—The number of farms reporting bees has increased from 153 in 1900 to 579 in 1910, or 278.4 per cent. The number of colonies of bees increased from 1,020 to 4,596, or 350.6 per cent, and their value increased from \$5,322 to \$20,493, or 285.1 per cent. The average value of bees per farm reporting was \$34.78 in 1900 and \$35.39 in 1910. About one farm in every twenty reports bees.

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

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	3,061	.....	\$1,488,409	.....
All cattle.....	1,859	4,536	160,415	\$35.36
Dairy cows.....	1,300	2,392	111,208	46.40
Horses.....	2,383	10,484	1,145,358	109.25
Mules.....	115	728	114,050	156.07
Asses and burros.....	15	28	425	15.18
Swine.....	170	743	7,275	9.70
Sheep.....	67	11,080	58,082	5.24
Goats.....	32	541	2,795	5.17

Horses are by far the most important class of domestic animals not on farms when value is considered, but the number of sheep is greater than the number of horses.

**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.....	.....	\$68,872,968	.....	\$65,384,559	.....	\$1,488,409
All cattle.....	771,063	22,867,802	787,427	22,697,387	4,536	160,415
Dairy cows.....	35,091	1,408,481	32,690	1,387,273	2,392	111,208
Horses.....	160,540	13,572,196	156,062	12,426,838	10,484	1,145,358
Mules.....	2,773	302,031	2,045	248,572	728	114,050
Asses and burros.....	269	28,115	241	27,690	28	425
Swine.....	34,090	303,091	33,947	301,716	743	7,275
Sheep.....	5,403,241	20,724,310	5,397,161	29,666,228	11,080	58,082
Goats.....	3,280	18,023	2,739	16,128	541	2,795

The total value of all domestic animals in the state in 1910 was \$66,873,000, of which the total value of animals not on farms constituted 2.2 per cent.

## LIVE STOCK PRODUCTS.

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

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

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	7,407	67.4	32,000	Head..		
On farms reporting dairy products in 1909.....	4,959	45.1	24,270	Head..		
On farms reporting milk produced in 1909.....	4,573	41.6	21,041	Head..		
Specified dairy products, 1909:						
Milk reported.....			6,453,634	Gals..		
Butter made.....	4,065	37.0	1,102,122	Lbs..	\$331,021	\$0.28
Cheese made.....	29	0.3	10,270	Lbs..	1,591	0.15
Milk sold.....	471	4.3	1,377,607	Gals..	155,882	0.11
Cream sold.....	130	1.3	40,680	Gals..	35,181	0.71
Butter fat sold.....	63	0.6	67,303	Lbs..	17,748	0.26
Butter sold.....	1,495	13.6	401,662	Lbs..	131,116	0.28
Cheese sold.....	14	0.1	6,435	Lbs..	988	0.16
Total receipts from sales, 1909.....					338,925	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					530,423	
Specified dairy products, 1899:						
Butter made.....	2,810	40.3	888,554	Lbs..		
Cheese made.....	53	0.9	24,327	Lbs..		
Butter sold.....			304,061	Lbs..	77,477	0.25
Cheese sold.....			18,240	Lbs..	1,583	0.09

The number of farms reporting dairy cows on April 15, 1910, was 7,407, but only 4,959 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 4,573 (somewhat less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 21,641.

The amount of milk reported was 6,454,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 298 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 and cream sold as such and sold as butter fat and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$539,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Less than one-fourth of the milk reported as produced by Wyoming farmers was sold as such. The butter made on farms during 1909 was valued at \$331,000.

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 increase between 1899 and 1909 in the amount of butter made, and a decrease in the production of cheese.

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

The total number of sheep of shearing age in Wyoming on April 15, 1910, was 4,827,000, representing an increase of 45.1 per cent as compared with the number on June 1, 1900 (3,327,000). The approximate production of wool during 1909 was 5,116,000 fleeces, weighing 42,828,000 pounds, and valued at \$8,913,000. Of these totals about one-sixth represents estimates. The number of fleeces produced in 1909 was 50.9 per

<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, 608 farmers who reported the possession of 822,566 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.

cent greater than in 1899. The average weight per fleece in 1909 was 8.4 pounds, as compared with 8.2 pounds in 1899, and the average value per pound was 21 cents, as compared with 15 cents in 1899.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	1,563	4,820,565			
Wool produced, as reported, 1909.....	998		4,285,165	35,840,765	\$7,458,300
On farms reporting sheep April 15, 1910.....	955	4,003,000	4,243,032	35,528,930	7,303,070
On other farms.....	43		41,233	311,820	64,627
Total production of wool (partly estimated):					
1909.....			5,115,780	42,827,866	8,012,008
1899.....			3,360,571	27,758,300	4,030,227
Increase, 1899 to 1909.....			1,725,218	15,069,557	3,876,381
Per cent of increase.....			50.0	54.3	120.8

**Goat hair and mohair: 1909 and 1899.**—Although 72 farmers reported 2,739 goats and kids on their farms April 15, 1910, only 13 reported the production of goat hair or mohair during 1909. These farmers reported 2,729 fleeces, weighing 14,238 pounds and valued at \$3,868. Although the production is still comparatively 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.....	7,415	341,050		
On farms reporting eggs produced in 1909.....	5,218	262,701		
On other farms.....	2,197	78,349		
Eggs produced, as reported, 1909.....	5,251		Dozens.	\$380,500
Total production of eggs (partly estimated):				
1909.....			2,091,710	501,386
1899.....			937,570	163,517
Increase, 1899 to 1909.....			1,154,140	337,869
Per cent of increase.....			123.1	206.6
Eggs sold, as reported, 1909.....	2,585		542,643	133,157
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	4,982	250,172		
On other farms.....	2,433	84,878		
Poultry raised, as reported, 1909.....	5,093		No. of fowls.	105,097
Total poultry raised (partly estimated):				
1909.....			510,169	200,538
1899.....				79,488
Increase, 1899 to 1909.....				181,050
Per cent of increase.....				227.8
Fowls sold, as reported, 1909.....	2,050		106,375	59,825

The total number of fowls on Wyoming farms on April 15, 1910, was 341,000. Of the 7,415 farms reporting fowls, 2,197 did not report any eggs produced in 1909, and 2,433 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 1,587,000 dozens, valued at \$381,000.

According to the Twelfth Census reports, the production of eggs in 1899 was 938,000 dozens, the value being \$164,000. 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 2,092,000 dozens, valued at \$501,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 519,000 fowls, valued at \$261,000.

**Honey and wax: 1909.**—Although, as noted elsewhere, 579 farms reported 4,596 colonies of bees on hand April 15, 1910, 214 of these farms, with 928 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 138,924 pounds of honey, valued at \$16,248, and 1,563 pounds of wax, valued at \$477; 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 Wyoming farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$13,573,035	
Slaughtered.....				650,745	
Calves:					
Sold.....	1,010	9.2	13,716	197,454	\$14.40
Slaughtered.....	431	3.0	1,948	21,743	11.16
Other cattle:					
Sold.....	3,249	29.6	198,970	7,243,953	36.41
Slaughtered.....	2,059	18.7	9,810	328,328	33.47
Horses:					
Sold.....	1,703	15.5	12,711	1,037,158	81.00
Mules:					
Sold.....	69	0.6	295	25,581	86.72
Asses and burros:					
Sold.....	2	( <sup>1</sup> )	5	340	68.00
Swine:					
Sold.....	837	7.6	10,740	111,721	10.40
Slaughtered.....	2,506	22.8	13,064	201,758	15.44
Sheep:					
Sold.....	672	6.1	1,276,011	4,057,272	3.88
Slaughtered.....	565	5.1	20,832	98,799	4.74
Goats:					
Sold.....	8	0.1	80	450	5.12
Slaughtered.....	5	( <sup>1</sup> )	24	117	4.88
1899—All domestic animals:					
Sold.....				3,673,124	
Slaughtered.....				394,635	

<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 \$13,574,000, and that of animals slaughtered on farms \$651,000, making an aggregate of \$14,225,000. 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 total value of the cattle (including calves) sold during 1909 represented considerably more than one-half of the total value of animals sold, and the value of sheep sold represented more than one-third of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during the

year 1899, which amounted, respectively, to \$3,673,000 and \$395,000.

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

CROPS.

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

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

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. <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 .....								\$10,022,001	\$3,133,723	\$6,888,238	219.8	100.0	100.0
<b>Crops with acreage reports .....</b>	<b>789,650</b>	<b>435,621</b>	<b>351,029</b>	<b>80.6</b>	<b>62.6</b>	<b>55.0</b>	<b>9,791,830</b>	<b>3,095,472</b>	<b>6,696,358</b>	<b>216.3</b>	<b>97.7</b>	<b>98.8</b>	
Cereals .....	189,947	50,528	136,419	270.0	14.9	6.4	2,744,502	528,481	2,216,021	419.3	27.4	16.0	
Other grains and seeds .....	1,710	40	1,670	( <sup>2</sup> )	0.1	( <sup>3</sup> )	22,448	1,054	21,394	2,020.8	0.2	( <sup>3</sup> )	
Hay and forage .....	585,386	380,769	204,617	53.7	46.6	48.1	6,077,354	2,332,028	3,745,326	160.0	60.6	74.4	
Sugar crops .....	1,220		1,220		0.1		62,943		62,943		0.6		
Potatoes and sweet potatoes and yams .....	8,333	2,800	5,524	196.7	0.7	0.4	524,519	138,368	386,151	270.1	5.2	4.4	
Other vegetables .....	2,038	1,431	1,592	105.0	0.2	0.2	332,120	87,882	244,238	277.9	3.3	2.8	
Flowers and plants and nursery products .....	0	7	-1	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	13,960	2,095	11,265	418.0	0.1	0.1	
Small fruits .....	106	37	69	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	13,984	4,964	9,020	181.7	0.1	0.2	
<b>Crops with no acreage reports .....</b>							<b>231,131</b>	<b>38,251</b>	<b>192,880</b>	<b>504.2</b>	<b>2.3</b>	<b>1.2</b>	
Seeds .....							85,395	20,281	65,114	321.1	0.9	0.6	
Fruits and nuts .....							39,806	41,470	38,336	2,607.0	0.4	( <sup>3</sup> )	
Forest products of farms .....							104,259	14,700	89,559	600.2	1.0	0.5	
Miscellaneous .....							1,671	1,800	-129	-7.2	( <sup>3</sup> )	0.1	

<sup>1</sup> A minus sign (—) denotes decrease.  
<sup>2</sup> Per cent not calculated when base is less than 100.

<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 \$10,023,000. Of this amount, 97.7 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, forest products, and the like. The combined acreage of crops for which acreage was reported was 786,650, representing 62.6 per cent of the total improved land in farms (1,256,160 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 Wyoming agriculture is indicated by the fact that somewhat more than one-quarter (27.4 per cent) of the total value of crops in 1909 was contributed by the cereals and about three-fifths (60.6 per cent) by hay and forage. The remainder, representing in value 12 per cent of the total, consisted mostly of potatoes and other vegetables.

The total value of crops in 1909 was over three times as great as in 1899, this increase being no doubt due in part to higher prices. There was an increase of 80.6 per cent in the total acreage of crops for which acreage was reported; increases were reported in the acreage of every crop, the greatest relative increase being that in the acreage of cereals.

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

The leading crops of the state, ranked in the order of their importance as judged by value, are hay and forage, \$6,077,000; oats, \$1,829,000; wheat, \$644,000; potatoes, \$524,000; barley, \$130,000; and corn, \$101,000. It should be noted, however, that vegetables, exclusive of potatoes and sweet potatoes and yams, are more important than corn or barley. Statistics for such vegetables appear in another table. Also, forest products of farms, statistics for which appear elsewhere, are more important than corn.

In total acreage and value hay and forage is by far the most important crop of the state. Its acreage is more than three times as great as that of the combined cereals and its value nearly two and one-quarter times as great as their value. Oats rank first among the cereals, having an acreage and value about two-thirds as great as all cereals combined. Wheat is second, both its acreage and its value being about one-third as great as those of oats. Spring wheat comprises more than three-fifths of the total wheat crop. Corn and barley together have an acreage and value less than half as great as wheat.

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
<b>Cereals, total.....</b>		<b>186,947</b>	<b>4,523,310</b>	Bu...	<b>\$2,744,502</b>
Corn.....	1,065	9,208	170,354	Bu...	101,405
Oats.....	4,381	124,035	3,301,425	Bu...	1,828,711
Wheat, total.....	2,735	41,908	738,698	Bu...	644,251
Common winter.....	720	12,535	223,647	Bu...	194,885
Common spring.....	1,941	20,359	480,416	Bu...	422,833
Durum or macaroni.....	251	3,074	34,636	Bu...	26,533
Emmer and spelt.....	153	1,521	35,677	Bu...	22,918
Barley.....	882	8,531	189,057	Bu...	130,302
Buckwheat.....	10	61	1,210	Bu...	1,602
Rye.....	158	1,510	20,470	Bu...	14,701
Kafir corn and milo maize.....	3	17	410	Bu...	372
<b>Other grains and seeds with acreage report, total.....</b>		<b>1,710</b>	<b>17,100</b>	Bu...	<b>22,448</b>
Dry edible beans.....	211	273	1,870	Bu...	5,018
Dry peas.....	18	326	9,231	Bu...	9,552
Flaxseed.....	65	1,110	5,983	Bu...	7,855
<b>Seeds with no acreage report, total.....</b>					<b>85,395</b>
Timothy seed.....	38	( <sup>2</sup> )	1,770	Bu...	3,855
Clover seed.....	5	( <sup>2</sup> )	71	Bu...	620
Alfalfa seed.....	272	( <sup>2</sup> )	8,300	Bu...	75,071
Millet seed.....	38	( <sup>2</sup> )	6,544	Bu...	4,016
Other tame grass seed.....	12	( <sup>2</sup> )	624	Bu...	958
Flower and garden seeds.....	4	( <sup>2</sup> )			275
<b>Hay and forage, total.....</b>	<b>6,960</b>	<b>585,386</b>	<b>852,515</b>	Tons.	<b>6,077,354</b>
Timothy alone.....	975	29,433	44,655	Tons.	341,700
Timothy and clover mixed.....	211	8,066	16,328	Tons.	132,786
Clover alone.....	21	300	808	Tons.	5,472
Alfalfa.....	3,364	170,431	397,669	Tons.	2,630,467
Millet or Hungarian grass.....	383	4,270	6,262	Tons.	46,562
Other tame or cultivated grasses.....	1,007	100,951	129,857	Tons.	895,722
Wild, salt, or prairie grasses.....	2,563	242,706	228,096	Tons.	1,782,230
Grains cut green.....	1,318	19,548	23,813	Tons.	200,007
Coarse forage.....	300	3,442	4,700	Tons.	34,738
Root forage.....	23	170	1,358	Tons.	6,780
<b>Potatoes.....</b>	<b>5,125</b>	<b>8,333</b>	<b>932,162</b>	Bu...	<b>524,489</b>
<b>Sweet potatoes and yams.....</b>	<b>1</b>	<b>(<sup>2</sup>)</b>	<b>10</b>	Bu...	<b>30</b>

<sup>1</sup> Includes small amount of broom corn seed.  
<sup>2</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>3</sup> Less than 1 acre.

The hay and forage crop consists principally of "alfalfa," "wild, salt, or prairie grasses," and "other tame or cultivated grasses," these three classes combined representing about nine-tenths of its total acreage and value.

The value of the potato crop, which ranks fourth in this respect among the crops here reported, is about one-fifth as great as that of the combined cereals.

Hay and forage increased in acreage from 24,328 in 1879 to 173,010 in 1889, 380,769 in 1899, and 585,386 in 1909, the acreage in 1909 thus being twenty-four times as great as that in 1879. Oats, which had an acreage of only 822 in 1879, increased to 26,892 in 1899 and 124,035 in 1909. Only 241 acres of wheat were reported in 1879, as compared with 41,968 in 1909. Corn, barley, and potatoes, the acreages of which were not reported prior to 1889, show very marked increases

between 1899 and 1909, but their combined acreage in 1909 still formed a comparatively insignificant proportion of the total.

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.					Potatoes.
	Corn.	Oats.	Wheat.	Barley.	Hay and forage.	
1909.....	9,208	124,035	41,968	8,501	585,386	8,333
1899.....	1,076	26,892	19,416	1,225	380,769	2,809
1889.....	1,077	14,607	4,584	486	173,010	1,677
1879.....		822	241		24,328	( <sup>1</sup> )

<sup>1</sup> Not reported.

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 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.	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
	Corn.....	0.7	3.7	0.7	0.2	369.0	19.0 Bu.
Oats.....	30.9	25.4	9.0	3.4	391.2	27.1 Bu.	14.74
Wheat.....	24.9	22.8	3.3	2.5	116.2	17.0 Bu.	15.35
Barley.....	8.0	3.3	0.7	0.2	598.9	22.1 Bu.	15.23
Hay and forage.....	63.3	67.0	46.6	48.1	53.7	1.46 Tons.	10.38
Potatoes.....	46.6	32.2	0.7	0.4	166.7	111.9 Bu.	62.94

Out of every 100 farms, 63 report hay and forage; 47, potatoes; 40, oats; 10, corn; and 8, barley. With the exception of that for hay and forage, which shows a decrease, these percentages represent substantial increases over those for 1899.

The six crops included in the above table cover about 62 per cent of the total acreage of improved land of the state. With the exception of hay and forage, all the crops here enumerated show increases in the proportion of improved land occupied. Notwithstanding a decrease in that proportion, however, hay and forage occupies 46.6 per cent of the total improved land of the state, or about three times as much as the other five crops combined.

The average value per acre of all cereals combined is \$14.68; oats, barley, and wheat exceeding this average, and corn falling below it. The hay and forage crop has an average value per acre of \$10.38, which is only about one-sixth as great as that of potatoes (\$62.94).

About one-fifth of the acreage of hay and forage is reported for Uinta County; outside of that county the largest acreages of this crop are recorded for three counties in the southeast corner of the state, Laramie, Albany, and Carbon. Oats are reported quite generally, Laramie and Crook Counties showing the largest acreages. Nearly one-fourth of the wheat acreage is found in Sheridan County. The highest acreages of alfalfa are not found as a rule in those counties which report the largest total acreages of hay

and forage. For instance, Bighorn County, which stands seventh in the acreage of hay and forage reported, is first in that of alfalfa, while Uinta County, which is first in the acreage of hay and forage, is sixth in that of alfalfa. Although the acreage of potatoes is distributed generally throughout the state, Laramie County contains more than one-fourth of the total. About one-third of the acreage of barley is reported for Sheridan and Crook Counties, in the northeastern corner of the state. Laramie County reports more than one-half the acreage of corn.

**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.....	4,271	38.0	2,933	1,431	\$332,120	\$37,832
Farms reporting a product of \$500 or over.....	65	0.6	228		51,637	
All other farms.....	4,206	38.3	2,705		280,483	
Flowers and plants, total.....	5	( <sup>2</sup> )	6	5	12,230	2,480
Farms reporting a product of \$250 or over.....	3	( <sup>2</sup> )			12,020	
All other farms.....	2	( <sup>2</sup> )			210	
Nursery products, total.....	8	0.1	( <sup>3</sup> )	2	1,080	215
Farms reporting a product of \$250 or over.....						
All other farms.....	8	0.1	( <sup>3</sup> )		1,080	

<sup>1</sup> Does not include 1,503 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.  
<sup>3</sup> Reported in small fractions.

In 1909 the total acreage of potatoes and other vegetables was 11,266 and their value \$856,639. Excluding (so far as reported separately <sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was 2,933 and their value \$332,000, the acreage being more than twice and the value nearly four times as great as in 1899.

The raising of flowers and plants and of nursery products was unimportant in Wyoming.

**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.....		106	37	96,883	\$13,984
Strawberries.....	140	24	10	20,895	3,820
Blackberries and dewberries.....	6	( <sup>1</sup> )	( <sup>1</sup> )	140	29
Raspberries and loganberries.....	80	14	0	15,213	2,010
Currants.....	303	41	8	38,833	4,378
Gooseberries.....	234	27	3	21,513	2,819
Other berries.....	3	( <sup>1</sup> )	1	280	28

<sup>1</sup> Reported in small fractions.

The total production of all small fruits in Wyoming in 1909 was 96,883 quarts and in 1899, 37,330 quarts, and the value was \$13,984 in 1909, as compared with

<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.

\$4,964 in 1899. The most important of the small fruits in 1909 were currants.

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

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	Quantity. <sup>1</sup>	Value.	Quantity. <sup>1</sup>
Orchard fruits, total.....	33,497		97,013		18,586	\$39,774	1,145
Apples.....	737	27,773	1,175	84,024	17,836	37,580	989
Peaches and nectarines.....	6	40	71	410	5	30	
Pears.....	51	178	155	901	16	65	3
Plums and prunes.....	210	4,564	456	7,475	659	1,842	7
Cherries.....	135	919	441	4,025	68	251	1
Apricots.....	5	17	31	121	2	6	
Quinces.....			8	40			( <sup>2</sup> )
Mulberries.....			1	8			( <sup>2</sup> )
Unclassified.....							\$145
Grapes.....	12	74	88	1,147	159	32	1,200
Nuts.....		18		12			

<sup>1</sup> Expressed in bushels for orchard fruits and pounds for grapes.  
<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 Persian or English walnuts, black walnuts, and other nuts.

The total quantity of orchard fruits produced in 1909 was 18,586 bushels, valued at \$39,774, apples contributing about 96 per cent of this quantity. The production of grapes in this state is unimportant.

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

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Number.	Percent of all farms.	Unit.	1909	1899
Cider.....	9	0.1	Gals.....	612	94
Vinegar.....	5	( <sup>1</sup> )	Gals.....	239	94
Wine and grape juice.....	5	( <sup>1</sup> )	Gals.....	197	
Dried fruits.....	2	( <sup>1</sup> )	Lbs.....	110	

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

**Sugar crops: 1909.**—The table below shows data with regard to sugar beets and sorghum cane.

The total value of sugar beets produced in 1909 was \$61,398, while in 1899 there was no production of sugar beets reported.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Percent of all farms.		Amount.	Unit.	Value.
Sugar beets <sup>1</sup> .....	136	1.2	1,207	13,418	Tons...	\$61,398
Sorghum cane <sup>2</sup> .....	4	( <sup>3</sup> )	22	103	Tons...	1,545

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

**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 784 farms in Wyoming (7.1 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$104,259, as compared with \$14,700 in 1899, an increase of 609.2 per cent. Of the value in 1909, \$58,859 was reported as that of products used or to be used on the farms themselves, \$25,337 as that of products sold or for sale, and \$20,063 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 69 farmers in Wyoming sold, during 1909, 694 tons of straw, for which they received \$1,438, and that 9 farmers sold 46 tons of cornstalks and leaves, for which they received \$224.

**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. <sup>1</sup>	
	Farms reporting.			Amount.	Amount.	Per cent.
	Number.	Percent of all farms.				
Labor.....	5,450	49.6	\$6,174,104	\$2,615,230	\$3,558,934	136.1
Food.....	4,409	40.7	1,508,828	( <sup>2</sup> )		
Fertilizer.....	33	0.3	6,302	12,700	-7,398	-58.3

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

Nearly half of the farmers hire labor, the average amount expended by the farmers hiring being \$1,133. During the decade the total expenditure for labor increased \$3,559,000, or 136.1 per cent. 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.

Two farmers out of every five report some expenditure for feed, but only about three out of every

thousand purchase fertilizer. The total amount reported as paid for fertilizer has decreased \$7,398, or 58.3 per cent, during the decade, the average per farm reporting being \$161.

**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.	
<b>Total.....</b>					<b>\$1,238,522</b>
Corn.....	170	1.5	50,067	Bu.....	20,013
Oats.....	1,514	13.8	803,663	Bu.....	432,755
Barley.....	103	0.9	13,500	Bu.....	9,700
Hay and coarse forage.....	1,353	12.3	107,783	Tons...	787,054

While the total amount expended by Wyoming farmers for the purchase of feed in 1909 was \$1,509,000, the total receipts from the sale of feed by those reporting sales amounted to \$1,239,000.

**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 num-

ber 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 crop year 1909.

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

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

**Change of boundaries.**—In comparing the data secured in 1910 with those for 1900, the following change in county boundaries should be considered: Park County was organized from a part of Bighorn County in 1909.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Albany.	Bighorn. <sup>1</sup>	Carbon.	Converse.	Crook.	Fremont. <sup>2</sup>
1 Population.....	145,005	11,574	8,886	11,282	6,294	6,492	11,822
2 <i>Population in 1900.....</i>	<i>98,581</i>	<i>13,084</i>	<i>4,388</i>	<i>9,589</i>	<i>3,337</i>	<i>3,137</i>	<i>5,367</i>
3 Number of all farms.....	10,987	453	1,078	486	684	1,341	848
4 <i>Number of all farms in 1900.....</i>	<i>6,095</i>	<i>374</i>	<i>717</i>	<i>442</i>	<i>455</i>	<i>539</i>	<i>414</i>
5 Color and nativity of farmers:							
6 Native white.....	9,010	334	925	361	592	1,120	660
9 Foreign-born white.....	1,903	119	160	124	92	220	134
7 Negro and other nonwhite.....	65		3	1		1	43
8 Number of farms, classified by size:							
9 Under 3 acres.....	284	8	35	3	10	10	40
10 3 to 9 acres.....	83	3	7	1	2	3	11
11 10 to 49 acres.....	53						11
12 20 to 49 acres.....	398	5	90	6	3	0	31
13 50 to 99 acres.....	645	37	126	8	10	21	65
14 100 to 174 acres.....	3,816	120	410	122	215	425	372
15 175 to 269 acres.....	783	21	127	20	39	86	64
16 270 to 499 acres.....	2,840	97	184	128	220	511	132
17 500 to 999 acres.....	984	56	59	68	68	154	63
18 1,000 acres and over.....	1,155	106	27	130	108	121	48
<b>LAND AND FARM AREA</b>							
18 Approximate land area..... acres..	62,400,160	2,816,640	4,331,520	5,138,560	4,313,600	3,482,240	8,101,760
19 Land in farms..... acres.....	8,543,010	1,069,782	253,570	1,707,961	551,370	648,834	320,802
20 <i>Land in farms in 1900.....</i>	<i>8,184,630</i>	<i>1,023,194</i>	<i>346,084</i>	<i>784,022</i>	<i>465,740</i>	<i>205,161</i>	<i>1,372,606</i>
21 Improved land in farms..... acres.....	1,250,100	107,315	89,089	140,987	48,232	104,175	76,059
22 <i>Improved land in farms in 1900.....</i>	<i>792,832</i>	<i>143,075</i>	<i>67,042</i>	<i>118,161</i>	<i>32,329</i>	<i>39,044</i>	<i>34,765</i>
23 Woodland in farms..... acres.....	252,152	17,652	8,827	18,825	29,731	86,151	6,088
24 Other unimproved land in farms..... acres.....	7,034,698	944,815	155,054	1,548,140	473,407	458,508	238,355
25 Per cent of land area in farms.....	13.7	38.0	5.9	33.2	12.8	18.6	4.0
26 Per cent of farm land improved.....	14.7	10.0	35.4	8.3	8.7	16.1	23.7
27 Average acres per farm.....	777.6	2,361.5	235.2	3,514.3	806.1	458.8	378.8
28 Average improved acres per farm.....	114.3	236.9	83.2	200.1	70.5	77.7	89.9
<b>VALUE OF FARM PROPERTY</b>							
29 All farm property..... dollars.....	167,189,081	11,327,692	12,930,275	15,760,480	12,140,273	12,825,102	10,383,951
30 <i>All farm property in 1900.....</i>	<i>67,477,407</i>	<i>3,426,712</i>	<i>5,072,532</i>	<i>6,967,406</i>	<i>5,180,105</i>	<i>4,871,113</i>	<i>4,801,187</i>
31 Per cent increase, 1900-1910.....	147.8	108.7	126.5	126.5	134.4	200.3	116.3
32 Land..... dollars.....	88,008,270	7,692,886	7,871,830	8,455,881	5,309,816	6,101,209	5,049,852
33 <i>Land in 1900.....</i>	<i>28,434,010</i>	<i>2,716,170</i>	<i>1,797,170</i>	<i>2,200,690</i>	<i>1,299,310</i>	<i>830,020</i>	<i>2,434,850</i>
34 Buildings..... dollars.....	9,007,001	904,140	966,220	592,275	682,352	773,358	699,700
35 <i>Buildings in 1900.....</i>	<i>3,531,580</i>	<i>394,780</i>	<i>291,090</i>	<i>319,780</i>	<i>235,950</i>	<i>204,680</i>	<i>169,490</i>
36 Implements and machinery..... dollars.....	3,008,204	186,820	304,073	266,329	206,381	325,202	235,668
37 <i>Implements, etc., in 1900.....</i>	<i>1,300,000</i>	<i>128,800</i>	<i>146,710</i>	<i>137,600</i>	<i>78,660</i>	<i>90,720</i>	<i>98,670</i>
38 Domestic animals, poultry, and bees..... dollars.....	65,605,510	2,934,846	4,028,152	6,445,995	5,951,724	5,535,303	4,498,731
39 <i>Domestic animals, etc., in 1900.....</i>	<i>39,145,877</i>	<i>2,217,622</i>	<i>2,537,022</i>	<i>4,009,438</i>	<i>3,506,275</i>	<i>3,144,858</i>	<i>2,100,177</i>
40 Per cent of value of all property in—							
41 Land.....	53.2	67.0	60.9	53.7	44.5	48.3	48.6
42 Buildings.....	5.4	5.3	5.2	3.8	4.8	6.0	5.8
43 Implements and machinery.....	2.2	1.7	2.8	1.7	1.7	2.5	2.3
44 Domestic animals, poultry, and bees.....	30.2	25.9	31.2	40.9	49.0	43.2	43.3
45 Average values:							
46 All property per farm..... dollars.....	15,217	25,066	11,995	32,429	17,749	9,584	12,274
47 Land and buildings per farm..... dollars.....	8,912	18,095	7,920	18,618	8,746	5,194	6,678
48 Land per acre.....	10.41	7.10	31.04	4.96	9.79	6.84	15.76
49 <i>Land per acre in 1900.....</i>	<i>2.88</i>	<i>2.65</i>	<i>5.20</i>	<i>2.81</i>	<i>2.79</i>	<i>2.32</i>	<i>1.77</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>							
50 Farms reporting domestic animals..... dollars.....	10,151	424	1,025	470	591	1,244	720
51 Value of domestic animals..... dollars.....	65,384,559	2,026,024	3,997,549	6,437,341	5,942,745	5,518,277	4,483,469
52 Cattle:							
53 Total number.....	7,707,427	7,37,958	7,60,325	7,55,897	7,75,475	87,371	7,45,033
54 Dairy cows.....	32,699	1,084	3,009	1,725	1,384	3,056	1,930
55 Other cows.....	307,189	11,072	21,065	22,252	30,294	33,621	19,289
56 Yearling calves.....	83,806	3,447	5,233	5,530	7,027	9,163	5,059
57 Calves.....	45,087	2,817	3,101	2,208	5,410	5,071	1,449
58 Yearling steers and bulls.....	82,506	3,700	4,946	4,816	9,001	9,089	4,542
59 Other steers and bulls.....	172,024	6,037	4,061	11,198	18,970	27,471	6,193
60 Value..... dollars.....	7,22,607,387	7,112,783	7,141,891	7,170,219	7,217,553	2,613,200	7,120,307
61 Horses:							
62 Total number.....	7,150,022	7,9,120	7,13,384	10,969	11,582	20,033	7,115,118
63 Mature horses.....	127,275	7,613	10,312	9,434	9,387	16,320	8,705
64 Yearling colts.....	20,638	1,163	1,702	1,330	1,722	2,971	1,614
65 Spring colts.....	5,078	250	606	199	473	742	304
66 Value..... dollars.....	7,12,426,838	7,660,178	7,112,576	824,544	887,143	1,557,658	7,705,342
67 Mules:							
68 Total number.....	2,045	101	101	82	85	158	75
69 Mature mules.....	1,675	75	68	70	75	141	70
70 Yearling colts.....	325	24	27	3	10	15	4
71 Spring colts.....	45	2	6		3	2	1
72 Value..... dollars.....	248,572	12,735	12,415	11,500	11,245	15,100	8,270
73 Asses and burros:							
74 Number.....	241	7	11	12	3	15	
75 Value..... dollars.....	27,000	1,190	3,376	85	800	2,625	
76 Swine:							
77 Total number.....	33,947	1,251	7,213	1,970	1,228	2,782	1,011
78 Mature hogs.....	23,301	749	4,986	725	873	2,070	689
79 Spring pigs.....	10,646	502	2,227	345	355	712	322
80 Value..... dollars.....	301,716	15,578	48,803	10,788	11,119	26,321	9,481
81 Sheep:							
82 Total number.....	5,307,161	150,660	270,423	701,471	512,947	229,025	414,745
83 Rams, ewes, and wethers.....	4,826,865	140,877	241,711	645,409	482,308	214,531	369,635
84 Spring lambs.....	570,586	9,783	28,712	56,062	30,639	14,494	45,110
85 Value..... dollars.....	29,066,228	1,101,899	1,380,222	3,887,700	2,813,679	1,301,830	2,401,962
86 Goats:							
87 Number.....	2,739	63	1,619	84	339	461	22
88 Value..... dollars.....	16,123	624	11,167	205	1,210	1,653	107
<b>POULTRY AND BEES</b>							
89 Number of poultry of all kinds.....	341,050	14,313	38,249	14,826	15,664	34,633	19,806
90 Value..... dollars.....	194,075	8,745	20,206	8,054	8,584	10,779	12,341
91 Number of colonies of bees.....	4,599	4	1,251		53	41	488
92 Value..... dollars.....	20,493	17	6,307		395	247	2,921

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

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

<sup>3</sup> Data for Yellowstone National Park.

<sup>4</sup> Includes elk, valued at \$6,880.



AGRICULTURE—WYOMING.

BY COUNTIES: APRIL 15, 1910.

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

	Johnson.	Laramie.	Natrona.	Park.	Sheridan.	Sweet-water.	Uinta.	Weston.	Indian res.
<b>1</b> Population .....	3,453	20,127	4,700	4,809	16,324	11,575	16,082	4,060	8,519
<b>2</b> <i>Population in 1900.</i> .....	<i>2,361</i>	<i>20,181</i>	<i>1,785</i>	( <sup>1</sup> )	<i>6,122</i>	<i>2,455</i>	<i>12,225</i>	<i>3,205</i>	<i>2,369</i>
<b>3</b> Number of all farms .....	338	1,933	269	624	799	203	1,286	647	.....
<b>4</b> <i>Number of all farms in 1900.</i> .....	<i>300</i>	<i>278</i>	<i>134</i>	( <sup>1</sup> )	<i>643</i>	<i>116</i>	<i>840</i>	<i>264</i>	<i>185</i>
<b>5</b> Color and nativity of farmers:									
<b>6</b> Native white.....	294	1,619	265	650	676	166	1,009	409	.....
<b>7</b> Foreign-born white.....	44	304	64	74	110	37	275	147	.....
<b>8</b> Negro and other nonwhite.....	.....	10	.....	.....	4	.....	2	1	.....
<b>9</b> Number of farms, classified by size:									
<b>10</b> Under 3 acres.....	12	9	29	3	6	68	25	8	.....
<b>11</b> 3 to 9 acres.....	3	5	10	10	16	1	22	.....	.....
<b>12</b> 10 to 19 acres.....	1	1	7	13	1	1	12	.....	.....
<b>13</b> 20 to 49 acres.....	2	20	1	102	11	1	60	1	.....
<b>14</b> 50 to 99 acres.....	7	76	3	138	21	20	105	8	.....
<b>15</b> 100 to 174 acres.....	75	347	70	172	270	63	448	108	.....
<b>16</b> 175 to 259 acres.....	21	122	9	32	77	4	131	30	.....
<b>17</b> 260 to 499 acres.....	85	592	50	102	182	26	286	281	.....
<b>18</b> 500 to 999 acres.....	40	119	38	27	102	5	128	61	.....
<b>19</b> 1,000 acres and over.....	87	172	69	31	92	15	79	70	.....
<b>LAND AND FARM AREA</b>									
<b>20</b> Approximate land area..... acres..	2,672,000	4,474,880	3,425,920	3,468,800	1,048,000	6,720,000	7,068,160	2,030,620	8,188,500
<b>21</b> Land in farms..... acres..	322,094	1,682,032	260,045	253,394	421,543	122,700	574,528	354,605	.....
<b>22</b> <i>Land in farms in 1900.</i> ..... acres..	<i>245,033</i>	<i>1,440,163</i>	<i>235,723</i>	( <sup>1</sup> )	<i>210,264</i>	<i>40,536</i>	<i>459,858</i>	<i>150,327</i>	<i>400,200</i>
<b>23</b> Improved land in farms..... acres..	53,471	210,992	16,570	59,295	95,368	10,013	202,606	41,119	.....
<b>24</b> <i>Improved land in farms in 1900.</i> ..... acres..	<i>51,150</i>	<i>98,304</i>	<i>18,539</i>	( <sup>1</sup> )	<i>55,507</i>	<i>6,369</i>	<i>142,756</i>	<i>14,505</i>	<i>4,149</i>
<b>25</b> Woodland in farms..... acres..	12,931	9,785	2,294	5,738	7,200	4,215	5,290	37,350	.....
<b>26</b> Other unimproved land in farms..... acres..	255,002	1,461,255	241,172	188,361	318,006	108,562	306,372	276,090	.....
<b>27</b> Per cent of land area in farms.....	12.1	37.6	7.0	7.3	25.6	1.8	8.1	12.1	.....
<b>28</b> Per cent of farm land improved.....	16.6	12.5	6.4	23.4	22.9	8.2	35.3	11.6	.....
<b>29</b> Average acres per farm.....	952.9	870.2	969.7	466.1	527.6	604.9	446.8	548.0	.....
<b>30</b> Average improved acres per farm.....	158.2	109.2	61.0	95.0	119.4	49.3	157.7	63.0	.....
<b>VALUE OF FARM PROPERTY</b>									
<b>31</b> All farm property..... dollars..	10,049,837	20,675,418	7,507,387	8,324,744	13,020,929	5,027,615	13,794,794	7,330,194	.....
<b>32</b> <i>All farm property in 1900.</i> ..... dollars..	<i>4,869,869</i>	<i>9,318,518</i>	<i>5,589,537</i>	( <sup>1</sup> )	<i>6,516,191</i>	<i>1,478,184</i>	<i>7,926,400</i>	<i>2,569,970</i>	<i>680,185</i>
<b>33</b> Per cent increase, 1900-1910.....	135.8	171.7	115.4	.....	136.1	240.2	74.0	.....	.....
<b>34</b> Land..... dollars..	4,907,462	17,004,926	3,178,851	4,577,004	3,672,424	725,065	6,280,424	2,900,686	.....
<b>35</b> <i>Land in 1900.</i> ..... dollars..	<i>1,518,700</i>	<i>3,332,450</i>	<i>743,680</i>	( <sup>1</sup> )	<i>2,682,810</i>	<i>180,770</i>	<i>2,250,860</i>	<i>504,380</i>	<i>505,350</i>
<b>36</b> Buildings..... dollars..	472,680	1,687,380	245,770	490,400	927,005	90,000	610,317	345,735	.....
<b>37</b> <i>Buildings in 1900.</i> ..... dollars..	<i>154,420</i>	<i>656,010</i>	<i>96,280</i>	( <sup>1</sup> )	<i>332,080</i>	<i>41,070</i>	<i>355,490</i>	<i>87,630</i>	<i>88,010</i>
<b>38</b> Implements and machinery..... dollars..	180,029	572,511	134,410	228,827	200,111	67,145	409,257	222,471	.....
<b>39</b> <i>Implements, etc., in 1900.</i> ..... dollars..	<i>76,200</i>	<i>150,280</i>	<i>70,830</i>	( <sup>1</sup> )	<i>106,680</i>	<i>52,080</i>	<i>215,080</i>	<i>49,040</i>	<i>2,400</i>
<b>40</b> Domestic animals, poultry, and bees..... dollars..	4,489,066	7,410,592	4,038,356	3,021,553	3,161,889	4,130,105	6,183,796	3,764,502	.....
<b>41</b> <i>Domestic animals, etc., in 1900.</i> ..... dollars..	<i>2,618,049</i>	<i>5,109,778</i>	<i>2,609,797</i>	( <sup>1</sup> )	<i>2,495,721</i>	<i>1,285,244</i>	<i>5,105,120</i>	<i>1,618,380</i>	<i>80,425</i>
<b>42</b> Per cent of value of all property in—									
<b>43</b> Land.....	48.8	63.7	41.8	55.0	14.4	45.5	45.5	40.9	.....
<b>44</b> Buildings.....	4.7	8.3	3.2	6.0	7.1	2.0	6.6	4.7	.....
<b>45</b> Implements and machinery.....	1.8	2.1	1.8	2.7	2.0	1.3	3.0	3.0	.....
<b>46</b> Domestic animals, poultry, and bees.....	44.7	27.8	53.2	36.3	24.3	82.3	44.9	51.4	.....
<b>47</b> Average values:									
<b>48</b> All property per farm..... dollars..	29,733	13,800	28,243	13,341	10,297	24,768	10,727	11,330	.....
<b>49</b> Land and buildings per farm..... dollars..	15,918	9,070	12,781	8,132	12,614	4,662	5,599	5,108	.....
<b>50</b> Land per acre..... dollars..	15.24	10.11	12.22	18.07	20.57	6.90	10.93	3.46	.....
<b>51</b> <i>Land per acre in 1900.</i> ..... dollars..	<i>6.18</i>	<i>8.73</i>	<i>3.18</i>	( <sup>1</sup> )	<i>3.19</i>	<i>2.44</i>	<i>4.50</i>	<i>3.50</i>	<i>1.25</i>
<b>DOMESTIC ANIMALS (farms and ranges)</b>									
<b>52</b> Farms reporting domestic animals.....	325	1,778	255	560	730	197	1,223	600	.....
<b>53</b> Value of domestic animals..... dollars..	4,480,332	7,372,462	4,033,501	3,004,940	3,129,705	4,183,375	6,170,420	3,764,341	.....
<b>54</b> Cattle:									
<b>55</b> Total number.....	759,254	7,120,453	722,434	736,269	52,031	6,863	777,901	743,163	.....
<b>56</b> Dairy cows.....	1,104	5,006	436	1,236	3,023	765	6,078	1,273	.....
<b>57</b> Other cows.....	24,011	46,765	11,164	19,372	18,340	3,030	30,598	15,607	.....
<b>58</b> Yearling heifers.....	6,074	14,088	2,444	5,077	5,598	863	9,013	3,304	.....
<b>59</b> Calves.....	2,728	6,670	284	1,540	4,457	793	5,377	1,544	.....
<b>60</b> Yearling steers and bulls.....	6,381	12,907	2,418	4,308	5,590	1,281	9,261	3,331	.....
<b>61</b> Other steers and bulls.....	13,998	30,358	4,973	3,516	15,047	1,152	11,750	16,330	.....
<b>62</b> Value..... dollars..	7,180,529	7,310,840	7,075,740	7,062,333	1,605,087	177,509	7,291,290	7,130,426	.....
<b>63</b> Horses:									
<b>64</b> Total number.....	70,967	20,490	75,036	70,926	11,240	2,150	71,932	7,664	.....
<b>65</b> Mature horses.....	8,201	17,360	4,118	5,792	9,224	1,853	11,136	7,820	.....
<b>66</b> Yearling colts.....	1,493	2,404	614	844	1,508	225	1,671	1,341	.....
<b>67</b> Spring colts.....	183	6	90	100	508	108	360	391	.....
<b>68</b> Value..... dollars..	770,975	1,706,036	737,778	7601,006	974,041	180,805	7,163,899	7,723,058	.....
<b>69</b> Mules:									
<b>70</b> Total number.....	121	680	46	70	187	69	228	33	.....
<b>71</b> Mature mules.....	84	602	21	65	123	60	180	32	.....
<b>72</b> Yearling colts.....	85	78	24	5	6	3	4	1	.....
<b>73</b> Spring colts.....	2	6	1	.....	12	3	7	.....	.....
<b>74</b> Value..... dollars..	14,090	88,349	4,465	11,320	23,085	10,950	20,538	4,510	.....
<b>75</b> Asses and burros:									
<b>76</b> Number.....	3	88	1	5	17	3	49	27	.....
<b>77</b> Value..... dollars..	910	5,150	50	95	6,025	530	6,204	660	.....
<b>78</b> Swine:									
<b>79</b> Total number.....	2,610	6,222	575	1,648	4,641	94	2,551	942	.....
<b>80</b> Mature hogs.....	1,867	3,011	402	1,223	3,061	63	2,022	660	.....
<b>81</b> Spring pigs.....	752	2,311	173	425	1,580	31	529	282	.....
<b>82</b> Value..... dollars..	20,269	50,023	6,410	15,082	46,417	1,163	20,967	9,355	.....
<b>83</b> Sheep:									
<b>84</b> Total number.....	312,283	464,205	496,893	248,541	94,011	778,777	468,146	314,134	.....
<b>85</b> Rams, ewes, and wethers.....	299,255	352,491	483,102	210,618	82,731	579,860	433,244	290,493	.....
<b>86</b> Spring lambs.....	13,028	51,714	13,791	37,923	12,280	108,917	34,902	23,641	.....
<b>87</b> Value..... dollars..	1,883,455	1,806,455	2,073,007	1,314,167	474,985	3,762,328	2,897,196	1,607,830	.....
<b>88</b> Goats:									
<b>89</b> Number.....	14	65	9	5	10	.....	47	1	.....
<b>90</b> Value..... dollars..	74	679	52	46	65	.....	245	1	.....
<b>POULTRY AND BEES</b>									
<b>91</b> Number of poultry of all kinds.....	14,454	61,758	6,668	25,093	43,231	3,550	30,919	17,346	.....
<b>92</b> Value..... dollars..	7,898	34,307	4,815	13,349	29,162	2,730	15,987	9,661	.....
<b>93</b> Number of colonies of bees.....	408	1,016	8	829	.....	.....	.....	.....	.....
<b>94</b> Value..... dollars..	1,400	3,823	40	2,755	2,622	.....	.....	.....	.....

<sup>1</sup> Includes elk, valued at \$4,000.

<sup>2</sup> Includes elk, valued at \$2,350.

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

AGRICULTURE—WYOMING.

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

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

	THE STATE.	Albany.	Bighorn. <sup>1</sup>	Carbon.	Converse.	Crook.	Fremont. <sup>2</sup>	Johnson.	
<b>FARMS OPERATED BY OWNERS</b>									
1	Number of farms.....	9,779	306	903	377	640	1,262	736	274
2	Number of farms in 1900.....	<i>5,195</i>	<i>296</i>	<i>309</i>	<i>333</i>	<i>413</i>	<i>509</i>	<i>366</i>	<i>251</i>
3	Per cent of all farms.....	89.0	87.4	83.8	77.0	94.0	94.1	87.0	81.1
4	Per cent of all farms in 1900.....	<i>85.1</i>	<i>79.1</i>	<i>80.3</i>	<i>76.3</i>	<i>88.8</i>	<i>80.4</i>	<i>88.4</i>	<i>83.7</i>
5	Land in farms.....acres	5,152,581	458,378	185,511	671,212	458,387	500,721	251,943	242,671
6	Improved land in farms.....acres	940,372	67,478	98,451	85,268	40,327	90,360	63,358	39,816
7	Value of land and buildings.....dollars	71,276,554	4,710,826	6,426,770	4,579,407	5,206,148	6,398,952	4,295,515	3,904,120
<b>Degree of ownership:</b>									
8	Farms consisting of owned land only.....	8,677	382	812	327	610	1,121	704	244
9	Farms consisting of owned and hired land.....	1,102	14	91	50	30	141	32	30
<b>Color and nativity of owners:</b>									
10	Native white.....	7,965	288	776	269	561	1,051	572	233
11	Foreign-born white.....	1,753	108	124	107	88	210	122	41
12	Negro and other nonwhite.....	61	.....	3	1	.....	1	42	.....
<b>FARMS OPERATED BY TENANTS</b>									
13	Number of farms.....	897	28	143	63	17	63	82	56
14	Number of farms in 1900.....	<i>464</i>	<i>44</i>	<i>73</i>	<i>49</i>	<i>22</i>	<i>44</i>	<i>38</i>	<i>21</i>
15	Per cent of all farms.....	8.2	6.2	13.3	13.0	2.5	4.7	9.7	10.0
16	Per cent of all farms in 1900.....	<i>7.6</i>	<i>11.8</i>	<i>10.2</i>	<i>11.1</i>	<i>4.7</i>	<i>7.6</i>	<i>7.7</i>	<i>7.0</i>
17	Land in farms.....acres	527,437	25,150	37,697	114,327	7,595	23,017	20,173	47,039
18	Improved land in farms.....acres	125,888	6,340	14,931	11,500	1,480	4,913	6,930	9,205
19	Value of land and buildings.....dollars	9,464,264	339,000	1,281,240	702,470	141,600	282,395	600,712	992,550
<b>Form of tenancy:</b>									
20	Share tenants.....	407	7	75	24	0	25	26	26
21	Share-cash tenants.....	27	1	.....	.....	1	1	1	2
22	Cash tenants.....	266	14	20	28	8	25	27	23
23	Tenure not specified.....	197	6	46	11	2	12	28	5
<b>Color and nativity of tenants:</b>									
24	Native white.....	795	21	125	59	14	55	71	53
25	Foreign-born white.....	99	7	18	4	3	8	10	3
26	Negro and other nonwhite.....	3	.....	.....	.....	.....	.....	1	.....
<b>FARMS OPERATED BY MANAGERS</b>									
27	Number of farms.....	311	29	32	46	18	16	28	8
28	Number of farms in 1900.....	<i>446</i>	<i>34</i>	<i>25</i>	<i>60</i>	<i>30</i>	<i>16</i>	<i>10</i>	<i>28</i>
29	Land in farms.....acres	2,862,922	586,254	30,362	922,422	85,388	35,990	48,380	31,784
30	Improved land in farms.....acres	139,900	33,497	6,307	44,159	6,425	2,902	5,271	4,390
31	Value of land and buildings.....dollars	17,184,459	3,147,200	831,040	3,766,279	634,420	283,260	753,325	483,472
<b>MORTGAGE DEBT REPORTS:</b>									
<b>For all farms operated by owners:</b>									
32	Number free from mortgage debt.....	7,815	288	658	259	546	1,093	667	144
33	Number with mortgage debt.....	1,923	106	245	117	99	108	96	129
34	Number with no mortgage report.....	41	2	.....	1	.....	1	3	1
<b>For farms consisting of owned land only:</b>									
35	Number reporting debt and amount.....	1,531	101	210	95	77	131	87	102
36	Value of their land and buildings.....dollars	16,675,387	1,621,239	1,809,770	1,301,621	1,605,870	961,760	788,920	2,193,750
37	Amount of mortgage debt.....dollars	4,207,983	345,801	411,505	333,671	304,100	231,297	218,290	624,511
38	Per cent of value of land and buildings.....	25.2	22.7	22.7	25.6	22.7	24.0	27.7	28.9

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

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

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..	24,270	1,376	2,584	1,161	592	2,195	780	821
2	Dairy cows on farms reporting milk produced.....number..	21,641	631	2,519	1,053	619	2,094	679	736
3	Milk—Produced.....gallons..	6,453,834	182,308	645,775	362,221	120,862	575,328	160,722	185,157
4	Sold.....gallons..	1,377,607	46,400	23,122	48,165	1,113	6,302	40,880	13,017
5	Cream sold.....gallons..	46,680	1,442	1,200	82	224	3,663	148	380
6	Butter fat sold.....pounds..	67,303	18,212	1,461	.....	.....	10,286	.....	.....
7	Butter—Produced.....pounds..	1,192,122	80,242	159,740	78,893	21,309	132,017	46,168	52,015
8	Sold.....pounds..	481,952	34,624	59,340	34,028	6,008	36,052	22,450	25,135
9	Cheese—Produced.....pounds..	10,276	.....	2,224	.....	.....	290	.....	.....
10	Sold.....pounds..	6,435	.....	1,820	.....	.....	230	.....	.....
11	Value of dairy products, excluding home use of milk and cream.....dollars..	539,423	35,465	54,005	34,425	6,663	30,663	24,828	19,118
12	Receipts from sale of dairy products.....dollars..	338,925	22,153	25,188	20,711	2,183	15,497	16,681	10,551
<b>Poultry Products</b>									
13	Poultry—Raised.....number..	389,062	16,455	55,598	17,243	16,471	45,101	26,263	16,176
14	Sold.....number..	106,375	5,724	17,085	4,442	2,677	8,220	6,904	4,413
15	Eggs—Produced.....dozens..	1,587,433	54,540	198,818	86,078	62,674	188,628	70,783	63,646
16	Sold.....dozens..	542,643	15,171	65,219	20,028	12,898	47,334	29,563	24,465
17	Value of poultry and eggs produced.....dollars..	576,206	24,148	74,153	33,285	23,701	57,129	37,686	25,841
18	Receipts from sale of poultry and eggs.....dollars..	192,982	7,891	25,470	8,152	4,628	14,052	14,203	9,289
<b>Honey and Wax</b>									
19	Honey produced.....pounds..	138,924	.....	44,646	.....	2,818	829	32,970	7,324
20	Wax produced.....pounds..	1,563	.....	818	.....	.....	.....	80	9
21	Value of honey and wax produced.....dollars..	16,725	.....	5,008	.....	365	195	3,421	702
<b>Wool, Mohair, and Goat Hair</b>									
22	Wool, fleeces shorn.....number..	4,285,165	149,352	218,592	615,790	435,150	227,893	335,580	282,648
23	Mohair and goat hair, fleeces shorn.....number..	2,729	190	602	8	.....	400	5	.....
24	Value of wool and mohair produced.....dollars..	7,462,174	303,982	373,140	1,172,990	753,652	376,548	579,237	451,835
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
25	Calves—Sold or slaughtered.....number..	15,664	835	775	708	1,642	1,437	594	473
26	Other cattle—Sold or slaughtered.....number..	208,780	13,995	13,529	17,530	10,666	26,775	8,335	10,836
27	Horses, mules, and asses and burros—Sold.....number..	13,011	470	1,097	379	613	2,439	633	933
28	Swine—Sold or slaughtered.....number..	23,804	294	4,311	410	287	2,352	476	1,727
29	Sheep and goats—Sold or slaughtered.....number..	1,296,956	73,517	66,482	188,450	108,734	70,815	83,811	116,951
30	Receipts from sale of animals.....dollars..	13,573,935	877,833	885,040	1,340,623	844,349	1,491,955	637,933	888,956
31	Value of animals slaughtered.....dollars..	650,745	27,287	66,178	76,994	19,189	62,097	40,951	30,815

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

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

	Laramie.	Natrona.	Park.	Sheridan.	Sweetwater.	Uinta.	Weston.	Indian res.
<b>FARMS OPERATED BY OWNERS</b>								
1	Number of farms.....	1,751	241	570	626	179	1,186	620
2	Number of farms in 1900.....	<i>500</i>	<i>150</i>	(1)	<i>455</i>	<i>95</i>	<i>842</i>	<i>167</i>
3	Per cent of all farms.....	90.6	80.6	92.8	78.3	88.2	92.2	95.8
4	Per cent of all farms in 1900.....	<i>87.4</i>	<i>86.4</i>	(1)	<i>80.1</i>	<i>80.2</i>	<i>89.6</i>	<i>84.9</i>
5	Land in farms.....acres.....	871,429	219,508	154,835	302,076	50,073	377,223	310,114
6	Improved land in farms.....acres.....	166,907	13,793	48,747	63,631	7,201	150,650	37,880
7	Value of land and buildings.....dollars.....	12,403,617	2,944,986	4,128,064	6,742,704	572,265	5,841,869	3,061,421
<b>Degree of ownership:</b>								
8	Farms consisting of owned land only.....	1,470	171	505	503	172	1,108	548
9	Farms consisting of owned and hired land.....	281	70	74	123	7	78	72
<b>Color and nativity of owners:</b>								
10	Native white.....	1,456	183	511	510	145	923	478
11	Foreign-born white.....	286	58	68	105	34	261	141
12	Negro and other nonwhite.....	9			2		2	1
<b>FARMS OPERATED BY TENANTS</b>								
13	Number of farms.....	150	8	33	104	17	50	14
14	Number of farms in 1900.....	<i>46</i>	<i>2</i>	(1)	<i>78</i>	<i>2</i>	<i>14</i>	<i>10</i>
15	Per cent of all farms.....	7.8	3.0	5.3	20.5	8.4	4.6	2.2
16	Per cent of all farms in 1900.....	<i>8.0</i>	<i>1.1</i>	(1)	<i>14.4</i>	<i>1.7</i>	<i>1.5</i>	<i>6.3</i>
17	Land in farms.....acres.....	61,535	6,006	7,347	108,233	5,217	27,641	5,860
18	Improved land in farms.....acres.....	24,310	642	2,786	28,022	1,312	11,579	1,018
19	Value of land and buildings.....dollars.....	1,742,160	102,500	220,000	2,616,625	70,900	300,412	51,900
<b>Form of tenancy:</b>								
20	Share tenants.....	99	4	10	60	11	24	10
21	Share-cash tenants.....	6		1	11		1	
22	Cash tenants.....	31	1	11	51	4	20	3
23	Tenure not specified.....	14	3	11	42	2	14	1
<b>Color and nativity of tenants:</b>								
24	Native white.....	135	8	30	150	15	49	10
25	Foreign-born white.....	15		3	12	2	10	4
26	Negro and other nonwhite.....				2			
<b>FARMS OPERATED BY MANAGERS</b>								
27	Number of farms.....	32	20	12	9	7	41	13
28	Number of farms in 1900.....	<i>26</i>	<i>25</i>	(1)	<i>50</i>	<i>21</i>	<i>84</i>	<i>26</i>
29	Land in farms.....acres.....	719,068	34,631	91,712	11,234	58,500	109,604	38,691
30	Improved land in farms.....acres.....	29,775	2,239	7,702	2,815	1,500	40,037	2,221
31	Value of land and buildings.....dollars.....	4,486,638	377,135	724,500	240,200	172,500	1,064,470	230,100
<b>MORTGAGE DEBT REPORTS:</b>								
<b>For all farms operated by owners:</b>								
32	Number free from mortgage debt.....	1,445	183	476	457	173	937	519
33	Number with mortgage debt.....	296	53	102	167	6	241	98
34	Number with no mortgage report.....	10	5	1	2		8	3
<b>For farms consisting of owned land only:</b>								
35	Number reporting debt and amount.....	192	23	88	126	3	211	85
36	Value of their land and buildings.....dollars.....	1,652,000	299,300	830,180	2,101,050	38,000	1,042,711	558,025
37	Amount of mortgage debt.....dollars.....	487,410	63,870	221,047	404,590	3,450	277,897	100,954
38	Per cent of value of land and buildings.....	29.5	21.3	26.6	22.1	9.1	26.6	28.8

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

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.....	3,178	293	960	2,611	192	6,640	887
2	Dairy cows on farms reporting milk produced.....	2,491	275	928	2,425	42	6,518	831
3	Milk—Produced.....gallons.....	664,711	71,720	317,090	909,069	12,040	1,978,441	200,000
4	Sold.....gallons.....	43,048	3,600	5,781	84,041	310	1,052,511	8,717
5	Cream sold.....gallons.....	7,429	430	1,170	5,271		24,582	650
6	Butter fat sold.....pounds.....	21,544			833		14,967	
7	Butter—Produced.....pounds.....	147,412	12,010	60,168	210,387	2,931	143,063	44,252
8	Sold.....pounds.....	58,617	425	20,197	121,302	489	30,031	13,245
9	Cheese—Produced.....pounds.....			1,000	1,515		4,757	400
10	Sold.....pounds.....			600	1,215		2,520	50
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	54,371	4,920	20,566	85,512	1,039	144,430	14,532
12	Receipts from sale of dairy products.....dollars.....	32,847	1,622	8,176	69,530	252	117,129	6,396
<b>Poultry Products</b>								
13	Poultry—Raised.....number.....	53,402	9,160	28,083	53,848	4,602	23,175	19,280
14	Sold.....number.....	12,202	1,817	8,322	20,601	990	7,087	4,031
15	Eggs—Produced.....dozens.....	197,028	29,080	121,723	207,800	18,107	202,539	84,510
16	Sold.....dozens.....	78,724	5,088	47,322	111,294	2,706	64,881	22,360
17	Value of poultry and eggs produced.....dollars.....	60,660	14,202	40,262	81,138	3,124	54,992	28,019
18	Receipts from sale of poultry and eggs.....dollars.....	21,842	2,855	17,504	40,355	1,371	17,362	7,568
<b>Honey and Wax</b>								
19	Honey produced.....pounds.....	14,380	400	14,809	20,748			
20	Wax produced.....pounds.....	10		112	534			
21	Value of honey and wax produced.....dollars.....	2,014	60	2,213	2,687			
<b>Wool, Mohair, and Goat Hair</b>								
22	Wool, fleeces shorn.....number.....	328,357	401,451	171,253	86,578	358,295	334,018	230,238
23	Mohair and goat hair, fleeces shorn.....number.....	1,602		4	4		-18	
24	Value of wool and mohair produced.....dollars.....	500,473	808,849	343,601	133,935	605,106	546,890	511,936
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>								
25	Calves—Sold or slaughtered.....number.....	3,155	211	622	1,097	289	3,322	394
26	Other cattle—Sold or slaughtered.....number.....	34,074	4,845	16,045	16,263	1,112	20,428	7,747
27	Horses, mules, and asses and burros—Sold.....number.....	1,874	296	940	1,690	41	798	799
28	Swine—Sold or slaughtered.....number.....	4,829	508	1,420	3,007	37	2,368	812
29	Sheep and goats—Sold or slaughtered.....number.....	90,800	138,162	67,418	47,020	40,404	122,617	76,120
30	Receipts from sale of animals.....dollars.....	1,780,073	669,782	844,220	980,042	224,532	1,492,044	605,648
31	Value of animals slaughtered.....dollars.....	69,986	31,414	36,895	62,556	18,488	76,601	34,334

## AGRICULTURE—WYOMING.

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

		THE STATE.	Albany.	Bighorn.	Carbon.	Converse.	Crook.	Fremont.	Johnson.	
<b>VALUE OF ALL CROPS</b>										
1	Total.....	dollars..	10,022,961	586,151	1,090,863	682,307	563,046	936,873	633,805	589,821
2	Cereals.....	dollars..	2,744,502	96,310	292,115	126,640	142,920	297,200	182,180	195,051
3	Other grains and seeds.....	dollars..	107,843	9,070	10,072	60	12,955	6,316	4,037	10,977
4	Hay and forage.....	dollars..	6,077,364	441,993	588,904	500,339	363,169	451,934	381,784	318,067
5	Vegetables.....	dollars..	850,639	37,896	120,841	53,539	38,380	97,937	50,932	53,130
6	Fruits.....	dollars..	53,700	447	16,675	1,004	548	7,240	0,908	908
7	All other crops.....	dollars..	182,833	436	40,296	659	4,024	75,656	1,800	5,592
<b>SELECTED CROPS (acres and quantity)</b>										
8	<b>Cereals:</b>									
9	Total.....	acres.....	180,947	4,856	17,200	5,938	10,029	23,883	10,112	9,279
10	bushels.....	4,623,310	144,014	397,915	165,433	217,077	608,495	275,103	286,902	
11	Corn.....	acres.....	0,208	12	231	7	203	3,039	18	0
12	bushels.....	176,364	245	4,216	350	4,715	62,580	607	345	
13	Oats.....	acres.....	124,035	3,990	10,222	5,244	8,354	14,084	8,805	6,441
14	bushels.....	3,361,425	120,449	276,042	161,411	190,587	416,478	248,053	218,044	
15	Wheat.....	acres.....	41,968	274	6,093	201	936	5,160	851	2,386
16	bushels.....	738,098	4,068	103,394	5,540	13,810	93,982	17,800	54,015	
17	Emmer and spelt.....	acres.....	1,521	182	18	11	55	105	.....	15
18	bushels.....	35,077	7,511	640	315	1,995	2,559	.....	453	
19	Barley.....	acres.....	8,561	348	630	203	272	1,092	373	428
20	bushels.....	180,057	10,761	13,523	5,342	4,100	27,014	7,127	13,145	
21	Rye.....	acres.....	1,516	50	6	149	149	362	65	.....
22	bushels.....	20,479	980	100	2,459	1,870	4,673	956	.....	
23	<b>Other grains and seeds:</b>									
24	Dry peas.....	acres.....	326	305	2	.....	1	.....	1	
25	bushels.....	9,231	9,014	8	.....	.....	10	.....	20	
26	Dry edible beans.....	acres.....	273	.....	47	.....	6	.....	4	
27	bushels.....	1,876	.....	452	.....	47	201	.....	52	
28	Flaxseed.....	acres.....	1,110	2	.....	.....	18	.....	.....	
29	bushels.....	5,983	30	.....	.....	.....	164	.....	.....	
30	<b>Hay and forage:</b>									
31	Total.....	acres.....	585,386	66,663	35,812	54,786	28,594	44,718	31,085	26,085
32	tons.....	863,516	62,748	90,137	67,144	40,538	60,180	45,305	56,932	
33	All tame or cultivated grasses.....	acres.....	319,511	20,121	33,072	31,684	13,816	14,482	14,884	22,168
34	tons.....	505,569	25,816	86,844	43,037	20,910	20,028	28,889	52,091	
35	Timothy alone.....	acres.....	20,493	250	1,004	3,745	1,739	5,967	533	365
36	tons.....	44,655	441	2,548	4,577	2,757	8,378	819	603	
37	Timothy and clover mixed.....	acres.....	8,066	120	93	257	472	35	303	973
38	tons.....	16,328	180	.....	689	1,260	66	637	1,810	
39	Clover alone.....	acres.....	300	.....	20	.....	11	1	.....	
40	tons.....	808	.....	75	.....	29	.....	.....	.....	
41	Alfalfa.....	acres.....	170,431	1,368	32,072	5,430	9,046	7,005	10,280	19,173
42	tons.....	307,609	2,074	81,473	12,107	22,035	17,913	23,253	45,814	
43	Millet or Hungarian grass.....	acres.....	4,270	2	130	429	81	363	7	.....
44	tons.....	6,252	2	399	479	76	585	12	.....	
45	Other tame or cultivated grasses.....	acres.....	106,051	27,381	587	21,823	2,467	1,111	3,761	1,047
46	tons.....	120,837	22,210	2,058	25,185	3,759	2,084	4,168	4,074	
47	Wild, salt, or prairie grasses.....	acres.....	242,706	30,851	879	22,305	11,858	24,106	15,798	3,844
48	tons.....	228,066	26,133	1,100	23,185	9,950	22,292	10,039	3,837	
49	Grains cut green.....	acres.....	19,548	683	552	797	920	5,811	360	88
50	tons.....	23,813	795	774	922	672	8,541	350	104	
51	Coarse forage.....	acres.....	3,442	2	40	.....	.....	309	43	
52	tons.....	4,709	.....	140	.....	.....	358	27	.....	
53	<b>Special crops:</b>									
54	Potatoes.....	acres.....	8,333	451	589	504	623	821	430	240
55	bushels.....	932,132	43,720	113,042	64,378	45,944	81,847	54,834	47,443	
56	All other vegetables.....	acres.....	2,933	70	410	80	142	452	171	132
57	Sugar beets.....	acres.....	1,207	.....	839	8	6	.....	4	
58	tons.....	13,418	.....	0,031	4	90	.....	11	11	
<b>FRUITS</b>										
59	<b>Orchard fruits:</b>									
60	Total.....	trees.....	33,497	184	10,227	60	372	4,066	3,928	1,174
61	bushels.....	18,586	70	6,133	20	131	4,624	2,273	102	
62	Apples.....	trees.....	27,773	177	8,622	53	316	3,047	2,754	867
63	bushels.....	17,830	74	5,731	16	120	4,570	2,150	77	
64	Peaches and nectarines.....	trees.....	40	.....	19	.....	.....	.....	.....	
65	bushels.....	5	.....	5	.....	.....	.....	.....	.....	
66	Pears.....	trees.....	178	.....	70	.....	23	.....	.....	
67	bushels.....	10	.....	.....	.....	.....	.....	.....	.....	
68	Plums and prunes.....	trees.....	4,564	5	1,261	.....	37	300	1,127	201
69	bushels.....	650	1	306	.....	1	37	121	22	
70	Cherries.....	trees.....	919	2	247	6	10	96	41	30
71	bushels.....	68	1	20	4	1	17	.....	3	
72	Apricots.....	trees.....	17	.....	8	.....	.....	.....	.....	
73	bushels.....	2	.....	2	.....	.....	.....	.....	.....	
74	Grapes.....	vines.....	74	.....	23	.....	.....	.....	.....	
75	pounds.....	150	.....	59	.....	.....	.....	.....	.....	
76	<b>Small fruits:</b>									
77	Total.....	acres.....	108	1	17	8	3	10	6	6
78	quarts.....	98,883	1,320	15,907	7,394	2,314	11,342	4,324	4,296	
79	Strawberries.....	acres.....	24	1	2	.....	1	2	2	
80	quarts.....	20,805	320	1,828	1,147	60	430	1,429	1,335	
81	Raspberries and loganberries.....	acres.....	14	.....	2	.....	4	1	1	
82	quarts.....	15,213	.....	538	200	4	3,240	785	850	
83	Currants.....	acres.....	41	.....	9	.....	2	2	.....	
84	quarts.....	38,838	.....	9,382	3,578	1,110	3,694	1,440	1,065	
85	Gooseberries.....	acres.....	27	.....	4	.....	4	1	.....	
86	quarts.....	21,513	1,000	3,849	2,469	1,111	3,072	670	446	

TABLE 5.—SELECTED FARM EXPENSES

1	<b>Labor.....</b>									
2	Farms reporting.....		5,450	220	555	329	259	552	348	231
3	Cash expended.....	dollars..	4,555,847	227,950	304,893	657,913	354,831	224,084	208,484	289,766
4	Rent and board furnished.....	dollars..	1,618,317	80,092	85,501	281,767	134,590	72,294	71,321	101,074
5	<b>Fertilizer.....</b>									
6	Farms reporting.....		33	3	.....	.....	3	1	.....	.....
7	Amount expended.....	dollars..	5,302	275	.....	50	925	400	1,400	.....
8	<b>Feed.....</b>									
9	Farms reporting.....		4,469	202	490	286	223	445	274	134
10	Amount expended.....	dollars..	1,508,828	50,107	104,405	171,737	130,900	84,153	94,065	73,951
11	<b>Receipts from sale of feedable crops.....</b>	dollars..	1,238,522	46,994	144,625	112,294	33,617	60,235	115,682	87,023

AGRICULTURE—WYOMING.

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

		Laramie.	Natrona.	Park.	Sheridan.	Sweet-water.	Ulnta.	Weston.	Indian res.
<b>VALUE OF ALL CROPS</b>									
1	Total.....	dollars.. 1,488,976	223,463	647,280	1,108,967	82,193	1,027,317	362,399	
2	Cereals.....	dollars.. 445,504	31,980	200,432	308,205	11,210	208,153	146,500	
3	Other grains and seeds.....	dollars.. 18,779	110	9,349	8,108	14	1,726	4,074	
4	Hay and forage.....	dollars.. 900,572	169,907	377,209	536,473	52,034	768,813	166,004	
5	Vegetables.....	dollars.. 108,191	18,237	53,138	110,087	18,925	46,530	30,390	
6	Fruits.....	dollars.. 1,094	1,450	588	14,641		1,795	305	
7	All other crops.....	dollars.. 14,830	1,770	6,474	13,393	10	300	8,428	
<b>SELECTED CROPS (acres and quantity)</b>									
8	Cereals:								
9	Total.....	acres... 45,334	2,080	13,218	20,111	906	14,134	9,869	
10	Corn.....	bushels.. 872,725	48,209	280,952	529,269	14,786	400,767	281,862	
11	Oats.....	bushels.. 88,310	880	360	4,095		2,935	6,641	
12	Wheat.....	acres... 29,203	1,821	8,637	8,043	842	10,460	7,889	
13	Wheat.....	bushels.. 632,949	42,731	208,634	278,873	13,515	327,123	235,930	
14	Wheat.....	acres... 8,075	110	4,323	9,898	29	2,502	1,061	
15	Emmer and spelt.....	bushels.. 107,800	1,007	67,300	109,148	488	43,710	24,770	
16	Emmer and spelt.....	acres... 974	20		141				
17	Barley.....	bushels.. 17,662	900		3,612			615	
18	Barley.....	acres... 1,677	39	227	1,601	18	978	13,030	
19	Rye.....	bushels.. 21,940	1,500	4,641	40,278	298	25,746	41	
20	Rye.....	acres... 351	33		224	17	69	679	
21	Rye.....	bushels.. 3,940	225		3,153	485	953		
22	Other grains and seeds:								
23	Dry peas.....	acres... 8			0				
24	Dry peas.....	bushels.. 73			106				
25	Dry edible beans.....	acres... 181			89				
26	Dry edible beans.....	bushels.. 784			330				
27	Flaxseed.....	acres... 1,088						2	
28	Flaxseed.....	bushels.. 5,771						18	
29	Hay and forage:								
30	Total.....	acres... 88,147	9,866	25,947	40,764	5,594	117,828	11,697	
31	All tame or cultivated grasses.....	tons... 116,710	16,364	50,717	89,977	5,902	144,514	16,567	
32	Timothy alone.....	acres... 20,224	5,719	24,310	35,706	697	59,030	3,823	
33	Timothy alone.....	tons... 58,031	12,380	49,019	82,750	1,410	87,205	8,238	
34	Timothy and clover mixed.....	acres... 401	483	1,300	5,748	51	6,592	869	
35	Timothy and clover mixed.....	tons... 501	974	1,085	11,159	244	8,408	1,211	
36	Clover alone.....	acres... 19	127	1,698	2,515	25	1,483	40	
37	Clover alone.....	tons... 23	200	2,078	5,597	57	2,393	87	
38	Alfalfa.....	acres... 142		245	308		94		
39	Alfalfa.....	tons... 24,444	4,902	10,637	22,078	387	14,653	1,096	
40	Millet or Hungarian grass.....	acres... 61,622	11,053	37,107	57,534	908	28,359	5,457	
41	Millet or Hungarian grass.....	tons... 2,938	85	63	9			97	
42	Other tame or cultivated grasses.....	acres... 4,300	100	63	10			121	
43	Other tame or cultivated grasses.....	tons... 1,362	62	4,670	4,378	144	36,803	795	
44	Wild, salt, or prairie grasses.....	acres... 1,435	87	0,641	8,087	147	47,951	1,302	
45	Grains cut green.....	acres... 52,051	3,560	771	4,509	4,802	56,836	4,437	
46	Grains cut green.....	tons... 51,054	3,272	767	6,428	4,386	55,510	4,173	
47	Coarse forage.....	acres... 3,970	568	846	483	65	1,053	3,324	
48	Coarse forage.....	tons... 3,551	682	907	702	100	1,490	4,154	
49	Special crops:								
50	Potatoes.....	acres... 2,302	113	367	808	101	424	474	
51	All other vegetables.....	bushels.. 203,016	13,612	48,208	105,977	18,078	56,295	34,459	
52	Sugar beets.....	acres... 522	54	186	367	36	145	166	
53	Sugar beets.....	acres... 41		145	160				
54	Sugar beets.....	tons... 361		1,307	2,662			1	
<b>FRUITS</b>									
55	Orchard fruits:								
56	Total.....	trees... 2,462	769	444	9,434		200	168	
57	Apples.....	bushels.. 327	323	35	4,318		65	151	
58	Apples.....	trees... 1,152	704	327	8,876		190	88	
59	Peaches and nectarines.....	bushels.. 262	323	35	4,271		57	151	
60	Pears.....	trees... 1			1			24	
61	Pears.....	bushels.. 62			9				
62	Plums and prunes.....	trees... 1,178	49	108	105		3	40	
63	Cherries.....	bushels.. 70			31		1		
64	Cherries.....	trees... 124	16	8	297		16	16	
65	Apricots.....	bushels.. 0			0		7		
66	Apricots.....	trees... 6			3				
67	Grapes.....	vines... 14		5	7			25	
68	Grapes.....	pounds.. 100							
69	Small fruits:								
70	Total.....	acres... 4	2	5	29		14	1	
71	Strawberries.....	quarts... 2,961	1,987	2,957	25,237		14,904	1,940	
72	Raspberries and loganberries.....	acres... 1	1	8	4		4		
73	Raspberries and loganberries.....	quarts... 551	650	590	7,969		4,130	450	
74	Currants.....	acres... 20	412	100	5,579		3,479		
75	Gooseberries.....	acres... 1		3	8		5	1	
76	Gooseberries.....	quarts... 1,014	345	1,047	8,208		5,181	1,260	
77	Gooseberries.....	acres... 2		1	7		2		
78	Gooseberries.....	quarts... 1,326	580	320	3,432		2,108	230	

AND RECEIPTS, BY COUNTIES: 1909.

1	Labor.....	Farms reporting.....	835	190	313	439	134	733	303
2	Cash expended.....	dollars.. 451,219	327,718	281,908	238,350	100,631	540,524	251,626	
3	Rent and board furnished.....	dollars.. 167,821	153,300	84,197	82,238	65,375	158,975	79,742	
4	Fertilizer.....	Farms reporting.....	5	1	3	1	1	3	
5	Amount expended.....	dollars.. 1,175	120	160	150	200	8	350	
6	Feed.....	Farms reporting.....	879	174	271	322	407	213	
7	Amount expended.....	dollars.. 174,757	106,694	88,264	67,687	89,487	132,142	79,579	
8	Receipts from sale of feedable crops.....	dollars.. 176,001	35,122	102,514	179,090	9,252	87,455	48,018	

## AGRICULTURE—WYOMING.

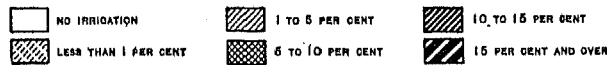
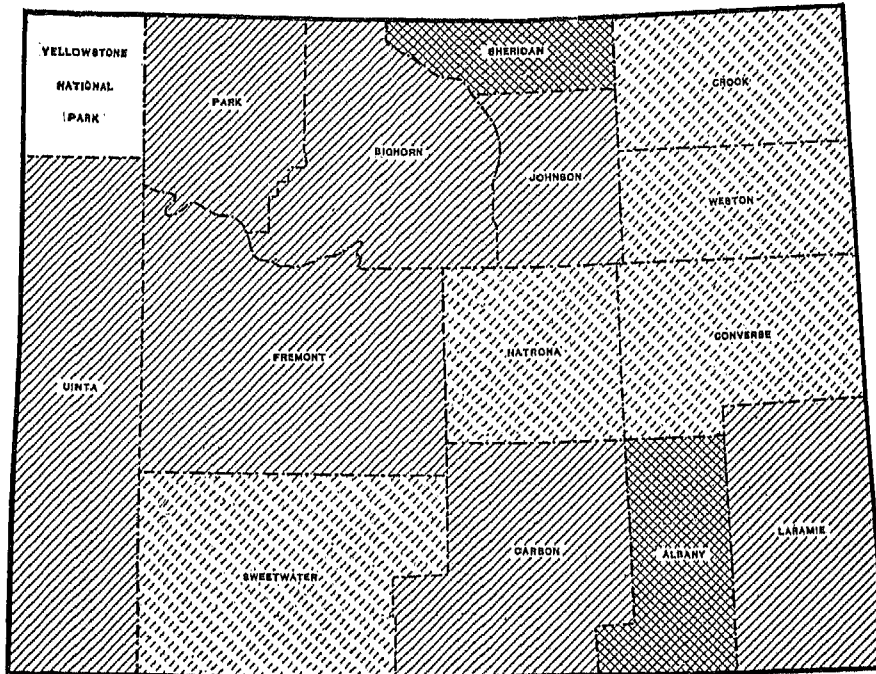
TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

	THE STATE.	Albany.	Bighorn.	Carbon.	Converse.	Crook.	Fremont.	Johnson.
1	Inclosures reporting domestic animals.....	3,061	199	280	291	44	65	130
2	Value of domestic animals.....dollars..	1,488,409	78,061	149,647	191,147	19,474	45,848	128,683
	<b>Cattle:</b>							
3	Total number.....	4,536	139	1,245	405	52	269	231
4	Value.....dollars..	160,415	5,530	37,486	15,661	2,002	6,988	8,698
5	Number of dairy cows.....	2,392	88	303	221	37	62	114
	<b>Horses:</b>							
6	Total number.....	10,484	656	800	1,129	161	400	1,145
7	Value.....dollars..	1,145,368	69,812	89,207	125,656	17,375	32,910	108,192
8	Number of mature horses.....	10,092	648	728	1,057	153	336	1,117
	<b>Mules and asses and burros:</b>							
9	Total number.....	756	21	10	304	.....	3	78
10	Value.....dollars..	114,484	2,600	1,485	48,365	.....	200	11,430
11	Number of mature mules.....	713	19	10	294	.....	3	74
	<b>Swine:</b>							
12	Total number.....	743	.....	198	112	6	20	5
13	Value.....dollars..	7,275	.....	1,264	1,340	65	180	100
	<b>Sheep and goats:</b>							
14	Total number.....	11,621	17	3,226	13	6	1,017	48
15	Value.....dollars..	60,877	59	20,145	125	32	5,570	263
	Laramie.	Natrona.	Park.	Sheridan.	Sweetwater.	Uinta.	Weston.	Yellowstone Nat. Park.
1	Inclosures reporting domestic animals.....	453	133	133	600	101	308	120
2	Value of domestic animals.....dollars..	185,539	73,331	100,358	213,516	51,320	99,042	35,291
	<b>Cattle:</b>							
3	Total number.....	613	94	127	532	96	488	110
4	Value.....dollars..	22,088	4,720	5,255	21,246	5,030	15,745	4,424
5	Number of dairy cows.....	472	82	81	360	64	306	88
	<b>Horses:</b>							
6	Total number.....	1,238	616	633	1,472	308	844	274
7	Value.....dollars..	141,885	65,505	78,270	172,604	41,100	75,641	30,632
8	Number of mature horses.....	1,212	591	607	1,441	366	822	269
	<b>Mules and asses and burros:</b>							
9	Total number.....	45	11	22	86	32	43	1
10	Value.....dollars..	4,829	1,200	3,690	18,425	5,135	2,715	150
11	Number of mature mules.....	40	11	20	86	28	27	1
	<b>Swine:</b>							
12	Total number.....	210	25	16	104	.....	40	7
13	Value.....dollars..	2,649	210	101	1,070	.....	226	70
	<b>Sheep and goats:</b>							
14	Total number.....	3,653	335	2,007	20	11	1,264	2
15	Value.....dollars..	14,088	1,687	13,042	171	55	5,615	15

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

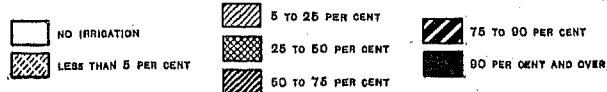
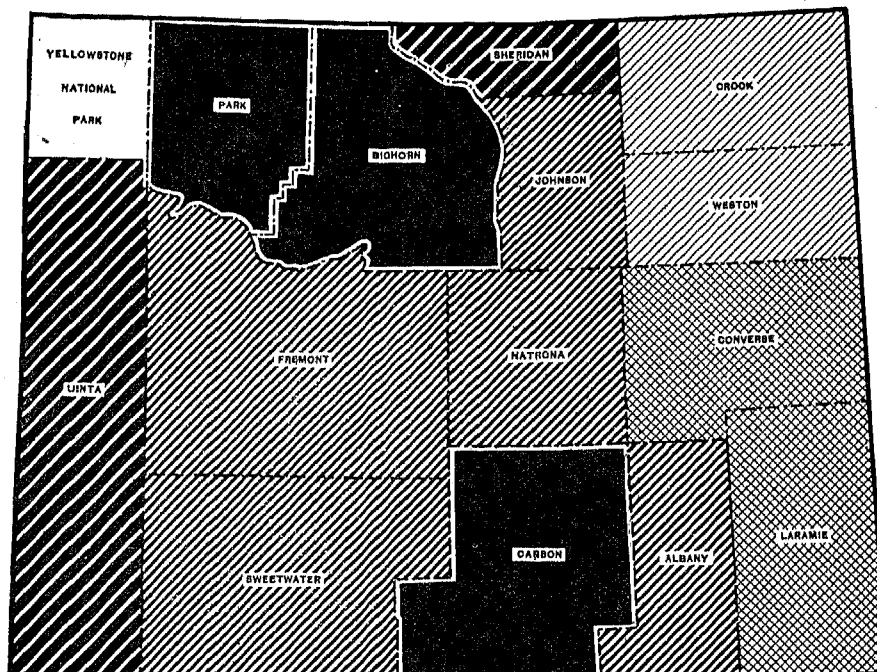
PER CENT OF TOTAL LAND AREA IRRIGATED.

[Per cent for the state, 1.8.]



PER CENT OF NUMBER OF FARMS IRRIGATED.

[Per cent for the state, 57.3.]



# WYOMING.

## FARMS AND ACREAGE IRRIGATED.

Irrigation is reported from every county in Wyoming, the irrigated lands being well distributed throughout the state, except in the northeast corner. The main range of the Rocky Mountains crosses the western part of the state, shorter ranges occupy most of the central part, and the Black Hills extend into the northeast corner. The agricultural lands, which are on high plateaus and in mountain valleys, are found in nearly all sections of the state. The location of the irrigated lands of the state 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 the census of 1900 are included as far as possible. The figures in respect to number of farms and acreage irrigated in 1899 do not include Indian reservations, which were not shown in the irrigation report for Wyoming for that year, and therefore they are not strictly comparable with those for the total number of farms and total farm acreage in 1900, as shown in this table. Since the irrigated land and farms on reservations represented only small proportions of the corresponding totals for the state in 1909, however, comparisons between the two censuses are but little affected by the omission in the 1900 report.

	CENSUS OF—		INCREASE. <sup>1</sup>	
	1910	1900	Amount.	Per cent.
Number of all farms.....	<sup>2</sup> 10, 987	<sup>3</sup> 6, 095	4, 892	80. 3
Approximate land area of the state..... acres.	<sup>4</sup> 62, 460, 160	<sup>4</sup> 62, 460, 160		
Land in farms..... acres.	<sup>2</sup> 8, 543, 010	<sup>3</sup> 8, 124, 536	418, 474	5. 2
Improved land in farms..... acres.	<sup>2</sup> 1, 256, 160	<sup>3</sup> 792, 332	463, 828	58. 5
Number of farms irrigated.....	<sup>5</sup> 6, 297	<sup>6</sup> 3, 721	2, 576	69. 2
Acreage irrigated.....	<sup>5</sup> 1, 133, 302	<sup>6</sup> 605, 878	527, 424	87. 1
Acreage enterprises were capable of irrigating.....	<sup>7</sup> 1, 639, 510	( <sup>8</sup> )		
Acreage included in projects.....	<sup>7</sup> 2, 224, 298	( <sup>8</sup> )		
Percentage irrigated of—				
Number of all farms.....	57. 3	61. 1	-3. 8	
Approximate land area of the state.....	1. 8	1. 0	0. 8	
Land in farms.....	13. 3	7. 5	5. 8	
Improved land in farms.....	90. 2	76. 5	13. 7	
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	506, 208			
Excess of acreage included in projects over acreage irrigated in 1909.....	1, 090, 996			

<sup>1</sup> A minus sign (—) denotes decrease.  
<sup>2</sup> April 16.

<sup>3</sup> June 1.  
<sup>4</sup> Includes 1,858,500 acres in Yellowstone National Park.

<sup>5</sup> In 1909.  
<sup>6</sup> In 1899.

<sup>7</sup> July 1.  
<sup>8</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 slightly less than three-fifths (57.3 per cent) of the farms of the state in 1909. In 1899 the proportion of irrigated farms was slightly higher, 61.1 per cent, while in 1889 it was 61.3 per cent. It is evident that between 1889 and 1899 the number of unirrigated farms in the state increased at about the same rate as the number of irrigated farms. During the last decade, however, the relative increase in the number of irrigated farms has been considerably smaller than that in the number of unirrigated farms.

In 10 out of the 14 counties in the state more than half the farms are irrigated, in 2 the proportion is

approximately 30 per cent, while in the remaining 2 counties it is about 6 per cent. The last mentioned counties, Crook and Weston, are in the northeast corner of the state, where crops are very generally grown without irrigation. The largest proportion of irrigated farms, 96.5 per cent, is reported for Park County. In 2 other counties the irrigated farms form more than 90 per cent of the total number of farms, and in 2 the proportion is between 80 and 90 per cent.

From 1899 to 1909 the increase in the number of farms irrigated for the state as a whole was 69.2 per cent. Only 3 counties—Fremont, Natrona, and Sweetwater—show a higher rate of gain, the percentages being 127.6, 88.7, and 87.5, respectively. One county, Weston, shows a decrease of 2 in the number of farms irrigated, notwithstanding the fact that it reports an increase in the acreage irrigated.

**Acreage irrigated.**—The acreage irrigated is taken from special schedules filled out by agents from information secured from owners or officials of irriga-



tion 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 irrigated acreage reported on the supplemental schedules is under the true figure. There is, however, a natural tendency for the officials of irrigation 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 Wyoming.

The total acreage reported as irrigated in 1909 was 1,133,302 acres, as against 605,878 acres in 1899 and 229,676 acres in 1889. The acreage given for 1909 includes land lying in Indian reservations, while the acreages for 1889 and 1899 do not, but the acreage irrigated in reservations is so small as not to change the general effect of the comparison. The percentage of increase from 1889 to 1899 was 163.8, while that from 1899 to 1909 was 87.1. The absolute increase during the latter decade was the larger, however, amounting to 527,424 acres, as against only 376,202 acres in the earlier decade.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than the percentage of increase in the number of farms irrigated, the acreage irrigated per farm increasing from 163 to 180 in the decade. As a decrease from 1,333 to 778 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 large tracts of land used for grazing, which in 1910 were not reported as farm land, and to the inclusion as farm land of the entire acreage of the Shoshone Indian Reservation, only a part of which was so reported in 1910. In the ratio of the acreage irrigated to the total farm acreage reported as improved there has been an increase from 76.5 per cent in 1899 to 90.2 per cent in 1909. The latter figure, however, does not represent the actual percentage of improved land irrigated, but is considerably higher, owing to the fact that irrigated land as reported at the Thirteenth Census includes wild grass land used for pasture, while improved land does not.

The percentage of the total land area of the state irrigated in 1909 was 1.8, as compared with 1 per cent in 1899 and 0.4 per cent in 1889.

In both 1909 and 1899 the county for which the largest area of irrigated land was reported was Uinta, with an irrigated acreage of 260,020 and 128,940 at the respective censuses. Three other counties show areas of irrigated lands exceeding 100,000 acres in 1909, while in five counties the irrigated area was between 50,000 and 100,000 acres.

The county in which irrigated land formed the highest percentage of the total in 1909 was Sheridan, where 5.7 per cent of the land area was irrigated. In only one other county, Albany, was the proportion higher than 4 per cent, while in five counties it was less than 1 per cent.

**Acreage included in projects.**—The preceding table shows that in 1910 existing enterprises were ready to supply water to 506,208 acres more than were irrigated in 1909. After allowance is made for an increase in the area irrigated in 1910 over that in 1909, it is probable that there remained at the close of 1910 more than three-fourths as much land under ditch but not irrigated as had been brought under irrigation in the 10 years from 1899 to 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 1,090,996 acres, which is about double the acreage brought under irrigation during the last decade. 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:

CHARACTER OF ENTERPRISE	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All classes.....	1,133,302	100.0
U. S. Reclamation Service.....	12,905	1.1
U. S. Indian Service.....	4,270	0.4
Carey Act enterprises.....	80,262	7.6
Irrigation districts.....	11,800	1.0
Cooperative enterprises.....	116,317	10.3
Commercial enterprises.....	87,956	7.8
Individual and partnership enterprises.....	813,823	71.8

Irrigation districts, cooperative enterprises, and individual and partnership enterprises are all controlled by the water users. These supply about 83 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 9 per cent. Thus only a very small percentage of the irrigated land 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 10.3 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 next table shows the distribution of the acreage irrigated in 1909 according to the source of water supply.

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

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
<b>All sources.....</b>	<b>1, 133, 302</b>	<b>100.0</b>
Streams.....	1, 113, 774	98.3
Lakes.....	120	(1)
Wells.....	139	(1)
Springs.....	5, 008	0.4
Reservoirs.....	14, 261	1.3

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

**IRRIGATION WORKS.**

The following table summarizes the data collected relating to works for supplying water for irrigation in 1910 and 1900, Indian reservations, as already noted, not being represented in the figures for 1900. As only two of the items reported in 1910 were reported in 1900—the number of independent enterprises and the length of main ditches—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 646 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 203, and the acreage irrigated per mile of main ditch was 104. For the enterprises shown for 1900, which, as explained above, are exclusive of the systems that received water from wells, the average acreage irrigated per enterprise in 1899 was 230, and the average per mile of main ditch was 136.

There has been little utilization of underground water for irrigation up to this time. The table shows 2 flowing wells, which irrigated 64 acres, and 3 pumped wells, which irrigated 75 acres.

Pumping for irrigation from either wells or streams has been but little practiced as yet, the total area irrigated with pumped water in 1909 being only 1,615 acres.

IRRIGATION WORKS.	CENSUS OF—		INCREASE.	
	1910	1900 <sup>1</sup>	Amount.	Per cent.
Independent enterprises.....number..	5,577	2,020	2,948	112.1
Ditches, total length.....miles.....	13,231	(2)		
Main ditches.....number.....	5,593	(2)		
Length.....miles.....	10,933	4,454	6,470	145.5
Capacity.....cu. ft. per second.....	42,630	(2)		
Lateral ditches.....number.....	2,340	(2)		
Length.....miles.....	2,298	(2)		
Reservoirs.....number.....	414	(2)		
Capacity.....acre-feet.....	2,550,937	(2)		
Flowing wells.....number.....	2	(2)		
Capacity.....gals. per minute.....	250	(2)		
Pumped wells.....number.....	3	(2)		
Capacity.....gals. per minute.....	835	(2)		
Pumping plants.....number.....	34	(2)		
Engine capacity.....horsepower.....	705	(2)		
Pump capacity.....gals. per minute.....	142,529	(2)		

<sup>1</sup> Figures relate only to systems receiving 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, together 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 those 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 of systems receiving water from wells, but, as indicated above, these are comparatively unimportant, having supplied only 646 acres in that year. Indian reservations, as previously stated, are not covered by the figures for 1900.

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 ones the cost is worked out by the farmers.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Cost of irrigation enterprises.....	<sup>1</sup> \$17,700,930	<sup>2</sup> \$3,973,165	\$13,727,815	345.5
Average per acre.....	<sup>3</sup> \$10.30	<sup>4</sup> \$6.56	(5)	
Estimated final cost of existing enterprises.....	\$20,425,800	(6)		
Average per acre included in projects.....	\$9.18	(6)		
Operation and maintenance:				
Acreage for which cost is reported.....	221,875	(6)		
Total cost reported.....	<sup>7</sup> \$100,048	(6)		
Average cost per acre.....	\$0.86	<sup>8</sup> \$0.16	\$0.70	437.5

<sup>1</sup> Reported July 1.  
<sup>2</sup> Cost 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 an increase of 345.5 per cent, which is much larger than the increase in average cost per acre. The average cost per acre shown for 1910 is based on the acreage under ditch in that year, but since the corresponding acreage for 1900 was not reported, the figure for average cost at the earlier census is based on the acreage irrigated in 1899. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$15.62, representing an increase of 138.1 per cent over the figure for the average cost at 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 larger scale, but also more difficult and of a better type. Largely as a result of these changed conditions the average cost per acre has greatly increased. A number of large enterprises

are under construction, and on these considerable expenditures have been made, while but little land is irrigated as yet. This condition tends to make the average cost shown higher than the true average. The average based on the estimated final cost and the acreage included in projects, \$9.18 per acre, probably more truly represents the average cost per acre of irrigation in Wyoming.

The county showing the lowest average cost to July 1, 1910—\$2.86 per acre—is Uinta, which has the largest irrigated acreage. The highest average cost per acre is \$39.03 in Park County, and the next highest is \$33.15 in Converse County.

The acreage for which cost of operation and maintenance in 1909 was reported constitutes 19.6 per cent of the total acreage reported as irrigated in 1909 and 69.4 per cent of the acreage reported as irrigated by other than individual and partnership enterprises. The cost reported can be said, therefore, to represent fairly the average annual expense for all but individual and partnership enterprises.

CROPS.

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 give reliable averages of yields.

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

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 unirrigated 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, statistics for certain of these crops 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.....	9,268	1,176	12.7	Bushels.....	176,354	25,297	\$101,465	\$15,118
Oats.....	124,985	76,302	61.5	Bushels.....	3,301,425	2,175,203	1,828,711	1,302,033
Wheat.....	41,968	26,326	62.7	Bushels.....	738,698	490,400	644,251	400,401
Emmer and spelt.....	1,521	443	29.1	Bushels.....	35,677	11,546	22,018	7,065
Barley.....	8,561	4,982	58.2	Bushels.....	189,057	112,009	130,392	89,215
Rye.....	1,516	375	24.7	Bushels.....	20,479	6,121	14,701	4,000
<b>Other seed crops:</b>								
Alfalfa seed.....	2,995	2,171	72.5	Bushels.....	8,300	5,188	75,671	50,837
Timothy seed.....	313	145	46.3	Bushels.....	1,776	668	3,855	1,088
<b>Hay and forage:</b>								
Timothy alone.....	29,433	18,265	62.1	Tons.....	44,655	28,136	341,700	208,307
Timothy and clover mixed.....	8,066	4,086	50.7	Tons.....	16,328	8,149	132,786	71,810
Clover alone.....	360	242	67.2	Tons.....	808	586	6,472	2,906
Alfalfa.....	170,431	162,447	95.3	Tons.....	397,669	379,933	2,630,457	2,526,657
Other tame or cultivated grasses <sup>1</sup> .....	111,221	83,456	75.0	Tons.....	136,109	97,840	942,284	698,658
Wild, salt, or prairie grasses.....	242,706	189,271	78.0	Tons.....	228,066	182,033	1,782,230	1,384,269
Grains cut green.....	19,548	4,030	20.6	Tons.....	23,813	5,835	204,007	52,741
Coarse forage.....	3,442	379	11.0	Tons.....	4,700	740	34,738	3,078
<b>Sundry crops:</b>								
Potatoes.....	8,353	4,768	57.2	Bushels.....	932,162	620,667	524,480	350,072
Sugar beets.....	1,207	1,100	91.1	Tons.....	13,418	11,198	61,398	51,770
Orchard fruits and grapes.....	(2)	209					39,600	29,814
Small fruits.....	106	56	52.8				13,994	7,898

<sup>1</sup> Includes millet or Hungarian grass.

<sup>2</sup> Agricultural returns show number of trees, not acreage.

**Acreage.**—Of the entire acreage of the crops for which totals are presented in the table, about 74 per cent is irrigated. The proportion irrigated varies widely for the different crops.

Of the acreage covered by the cereals presented in the table, about 59 per cent is irrigated. The highest percentage of acreage irrigated shown for any cereal, 62.7, is reported for wheat and the next highest, 61.5, for oats, the acreage of which exceeds that of any other cereal raised in the state. The proportion for barley is 58.2 per cent and those for emmer and spelt and for rye, which cover only small areas, are 29.1 and 24.7 per cent, respectively, while the lowest percentage, 12.7, is shown for corn.

The hay and forage crops are more generally raised on irrigated land, the irrigated acreage of such crops given in the table forming about 79 per cent of their total acreage. In the case of all of these except coarse forage and grains cut green, more than half of the total acreage is irrigated. Very little alfalfa is grown without irrigation, the irrigated area forming 95.3 per cent of the total for this crop. The percentages for "wild, salt, or prairie grasses" and "other tame or cultivated grasses" are 78 and 75, respectively.

Of the entire acreage in potatoes, 57.2 per cent is irrigated, and of that in small fruits, 52.8 per cent. The sugar beet area in Wyoming is for the most part irrigated, the percentage being 91.1. 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 more than one-half of the value of all orchard fruits and grapes produced in the state is that of products grown on irrigated land.

Of the total acreage in the irrigated crops shown in the table, about 80 per cent is devoted to hay and forage crops. The single crop comprising the largest acreage is "wild, salt, or prairie grasses," representing 32.6 per cent of the total acreage of the irrigated crops given. In addition to the acreage shown in the table for this crop, a large area of wild grass used for pasture is irrigated. Alfalfa is next in order with respect to irrigated acreage, with 28 per cent of the total for the crops given, followed by "other tame or cultivated grasses," with 14.4 per cent, and oats with 13.1 per cent. No other single crop covers as much as 5 per cent of the total acreage shown for irrigated crops.

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 reporting 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.

**Oats.**—Laramie County, 16.1 per cent; Bighorn, 13.3 per cent; Uinta, 12.3 per cent.

**Wheat.**—Sheridan County, 26.5 per cent; Bighorn, 21.9 per cent; Park, 16.7 per cent.

**Barley.**—Uinta County, 21.3 per cent; Sheridan, 18.5 per cent; Bighorn, 13.8 per cent.

**Alfalfa seed.**—Bighorn County, 45.4 per cent; Johnson, 23.1 per cent; Park, 9.4 per cent.

**Timothy.**—Uinta County, 34.4 per cent; Sheridan, 21.9 per cent; Carbon, 10.1 per cent.

**Alfalfa.**—Bighorn County, 19.5 per cent; Laramie, 12.6 per cent; Johnson, 12.6 per cent.

**"Other tame or cultivated grasses."**—Uinta County, 38 per cent; Albany, 28.2 per cent; Carbon, 27.2 per cent.

**"Wild, salt, or prairie grasses."**—Uinta County, 30.9 per cent; Albany, 19.1 per cent; Laramie, 17.2 per cent.

**Potatoes.**—Laramie County, 21.6 per cent; Sheridan, 13.1 per cent; Bighorn, 11.7 per cent.

**Sugar beets.**—Bighorn County, 68.5 per cent; Park, 22.6 per cent; Sheridan, 8.4 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..	24.0	28.5	14.5
Wheat.....bushels..	15.9	18.0	17.0
Barley.....bushels..	21.3	22.6	6.1
Timothy alone.....tons..	1.48	1.54	4.1
Alfalfa.....tons..	2.22	2.34	5.4
Other tame or cultivated grasses.....tons..	1.38	1.17	-15.2
Wild, salt, or prairie grasses.....tons..	0.80	0.00	11.6
Potatoes.....bushels..	87.4	130.2	49.0

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

In the case of each of the crops in the table, except "other tame or cultivated grasses," the average yield on irrigated land was greater than that on unirrigated land. The difference is not great, however, except in the case of potatoes, the average yield of which was 49 per cent greater on irrigated than on unirrigated land.

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.

## IRRIGATION—WYOMING.

## 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. The figure for the approximate land area of the state includes 1,858,560 acres in Yellowstone National Park, not elsewhere shown.

Attention is again directed to the fact that the totals for 1899 do not cover Indian reservations, no report as to irrigation on reservations in Wyoming having been made at the Twelfth Census. Since, however, the figures for the present census show that the irrigation operations conducted on reservations were unimportant relatively to those in the state as a whole, it is believed that the shortage is not of material conse-

quence as concerns comparisons between the two censuses. For this reason the percentages of increase have been computed without attempt to estimate the extent of Indian Service irrigation in 1899, and without the elimination from the 1909 and 1910 totals of figures representing irrigation on reservations.

Certain enterprises extend into more than one county, and in the cases of some of these enterprises 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 for 1900, it should be borne in mind that Park County was organized from a part of Bighorn County in 1909.

# IRRIGATION—WYOMING.

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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.	Albany.	Bighorn. <sup>1</sup>	Carbon.	Converse.	Crook.	Tremont.
1	Number of all farms in 1910.....	10,987	453	1,078	488	684	1,341	846
2	Number of farms irrigated in 1909.....	6,297	339	1,018	442	219	80	610
3	Per cent of all farms.....	57.3	74.8	94.4	90.9	32.0	6.0	72.1
4	Number of farms irrigated in 1899.....	3,781	318	518	360	219	65	268
5	Per cent of increase, 1899-1909.....	69.2	8.3	.....	26.3	.....	23.1	127.6
<b>LAND AND FARM AREA</b>								
6	Approximate land area.....acres..	2,810,100	2,810,040	4,331,520	5,138,600	4,313,000	3,482,240	8,101,700
7	Land in farms.....acres..	8,543,010	1,089,782	253,570	1,707,061	651,370	648,834	320,502
8	Improved land in farms.....acres..	1,250,160	107,315	89,689	140,987	48,232	104,175	76,059
9	Acres irrigated in 1909.....	1,133,302	101,925	93,779	131,740	40,607	6,712	78,783
10	Per cent of total land area.....	1.8	5.4	2.2	2.6	0.9	0.2	1.0
11	Per cent of land in farms.....	13.3	14.2	37.0	7.7	7.4	1.0	24.6
12	Per cent of improved land in farms.....	90.2	141.6	104.5	93.4	84.2	6.4	103.6
13	Acres irrigated in 1899.....	605,878	104,860	60,465	108,800	18,015	3,208	21,620
14	Per cent of increase, 1899-1909.....	87.1	45.7	.....	21.1	125.4	109.2	196.0
15	Acres enterprises were capable of irrigating in 1910.....	1,039,510	221,225	195,094	193,394	52,159	8,017	170,946
16	Acres included in projects.....	2,224,298	355,033	237,003	191,480	85,713	11,038	211,834
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>								
CLASSIFIED BY CHARACTER OF ENTERPRISE.								
17	U. S. Reclamation Service, irrigated in 1909.....	12,905	.....	.....	.....	.....	.....	.....
18	Enterprises were capable of irrigating in 1910.....	34,869	.....	.....	.....	.....	.....	.....
19	Included in projects.....	107,880	.....	.....	.....	.....	.....	.....
20	U. S. Indian Service, irrigated in 1909.....	4,270	.....	.....	.....	.....	.....	4,270
21	Enterprises were capable of irrigating in 1910.....	48,699	.....	.....	.....	.....	.....	48,699
22	Included in projects.....	63,657	.....	.....	.....	.....	.....	63,657
23	Carey Act enterprises, irrigated in 1909.....	86,262	28,700	20,125	.....	5,000	.....	925
24	Enterprises were capable of irrigating in 1910.....	205,974	52,100	81,400	.....	5,000	.....	8,000
25	Included in projects.....	420,473	120,100	111,128	.....	34,335	.....	14,127
26	Irrigation districts, irrigated in 1909.....	11,800	11,800	.....	.....	.....	.....	.....
27	Enterprises were capable of irrigating in 1910.....	27,050	27,050	.....	.....	.....	.....	.....
28	Included in projects.....	27,050	27,050	.....	.....	.....	.....	.....
29	Cooperative enterprises, irrigated in 1909.....	116,317	1,800	14,278	3,110	.....	.....	11,416
30	Enterprises were capable of irrigating in 1910.....	105,476	2,414	24,085	4,208	.....	.....	17,592
31	Included in projects.....	189,804	2,414	31,828	4,510	.....	.....	21,801
32	Commercial enterprises, irrigated in 1909.....	87,935	18,940	.....	10,640	.....	.....	5,448
33	Enterprises were capable of irrigating in 1910.....	133,305	33,000	.....	10,640	.....	.....	15,183
34	Included in projects.....	195,907	80,707	.....	10,740	.....	.....	25,683
35	Individual and partnership enterprises, irrigated in 1909.....	813,823	90,680	59,370	111,993	35,607	6,712	50,729
36	Enterprises were capable of irrigating in 1910.....	1,024,137	106,061	89,609	142,482	47,159	8,017	80,872
37	Included in projects.....	1,158,378	118,672	94,047	170,224	51,378	11,038	80,660
<b>ACREAGE IRRIGATED</b>								
CLASSIFIED BY SOURCE OF WATER SUPPLY.								
38	Supplied from streams.....	1,118,774	150,421	92,525	131,231	40,557	5,620	78,640
39	By gravity.....	1,112,234	150,421	92,431	131,129	40,407	5,620	78,640
40	By pumping.....	1,640	.....	94	102	150	.....	.....
41	Supplied from lakes.....	120	100	.....	.....	.....	20	.....
42	By gravity.....	120	100	.....	.....	.....	20	.....
43	By pumping.....	.....	.....	.....	.....	.....	.....	.....
44	Supplied from wells.....	130	.....	.....	60	.....	.....	45
45	Flowing.....	64	.....	.....	60	.....	.....	.....
46	By pumping.....	75	.....	.....	.....	.....	.....	45
47	Supplied from springs.....	5,008	1,209	494	58	15	120	98
48	Supplied from reservoirs.....	14,261	130	760	400	35	943	.....
49	Total acreage supplied by pumping.....	1,615	.....	94	102	150	.....	45
<b>IRRIGATION ENTERPRISES</b>								
50	Independent enterprises.....number..	5,577	430	430	620	330	94	396
51	Number in 1899.....	3,280	320	320	302	172	24	249
52	Per cent of increase, 1899-1910.....	112.1	32.5	.....	108.3	95.3	291.7	59.0
53	Main ditches.....number..	5,593	487	418	640	330	80	384
54	Number in 1899.....	.....	.....	.....	.....	.....	.....	.....
55	Per cent of increase, 1899-1910.....	.....	.....	.....	.....	.....	.....	.....
56	Length.....miles..	10,938	1,037	1,388	1,005	485	91	892
57	Length in 1899.....	4,454	504	515	324	209	49	235
58	Per cent of increase, 1899-1910.....	145.5	105.8	.....	22.0	80.3	111.0	215.2
59	Capacity.....cubic feet per second..	42,030	0,831	5,124	3,801	1,364	257	3,449
60	Laterals.....number..	2,340	200	100	173	87	73	136
61	Length.....miles..	2,298	588	140	142	62	28	250
62	Reservoirs.....number..	414	33	15	36	23	52	10
63	Capacity.....acre-foot..	2,550,937	372,888	1,060	38,073	37,353	1,910	2,168
64	Flowing wells.....number..	2	.....	.....	1	.....	.....	.....
65	Capacity.....gallons per minute..	250	.....	.....	100	.....	.....	.....
66	Pumped wells.....number..	3	.....	.....	.....	.....	.....	1
67	Capacity.....gallons per minute..	835	.....	.....	.....	.....	.....	120
68	Pumping plants.....number..	34	.....	9	2	2	1	2
69	Engine capacity.....horsepower..	705	.....	143	21	312	1	13
70	Pump capacity.....gallons per minute..	142,529	.....	6,600	1,500	123,560	7	340
<b>COST</b>								
71	Cost of enterprises up to July 1, 1910.....dollars..	17,700,980	2,682,679	2,310,660	737,851	1,720,146	86,578	1,099,026
72	Cost in 1899.....	3,073,165	164,299	875,405	1,047,302	187,008	25,069	125,000
73	Per cent of increase, 1899-1910.....	345.5	1,638.6	.....	720.6	1,251.9	233.4	778.6
74	Average cost per acre enterprises were capable of irrigating in 1910.....dollars..	10.80	12.13	11.84	4.52	33.15	10.80	6.43
75	Average cost per acre irrigated in 1899.....	6.59	1.48	13.39	9.93	7.10	8.10	4.70
76	Estimated final cost of existing enterprises.....dollars..	20,425,890	4,114,507	2,370,693	738,776	2,204,508	86,578	1,122,491
77	Average per acre included in projects.....dollars..	9.18	11.59	10.00	3.86	26.42	7.84	5.30
<b>OPERATION AND MAINTENANCE</b>								
78	Acres for which cost is reported.....	221,875	17,500	15,915	4,006	5,000	.....	15,602
79	Total cost reported.....dollars..	190,048	15,680	21,334	4,233	551	.....	7,938
80	Average per acre for which cost is reported.....dollars..	0.86	0.90	1.34	1.06	0.11	.....	0.51
81	Average cost per acre in 1899.....	0.16	0.20	0.20	0.14	0.33	0.21	0.26
82	Per cent of increase, 1899-1909.....	437.5	350.0	.....	657.1	766.7	.....	96.2

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

<sup>2</sup> Includes 1,858,560 acres in Yellowstone National Park.

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

[Comparative data for 1899 in italics.]

	Johnson.	Laramie.	Natrona.	Park.	Sheridan.	Sweetwater.	Uinta.	Weston.
1 Number of all farms in 1910.....	338	1,933	260	624	799	203	1,286	647
2 Number of farms irrigated in 1909.....	247	577	183	602	679	135	1,123	44
3 Per cent of all farms.....	73.1	29.8	68.0	96.5	85.0	66.5	87.3	6.6
4 <i>Number of farms irrigated in 1899.....</i>	<i>194</i>	<i>370</i>	<i>97</i>	<i>(1)</i>	<i>469</i>	<i>78</i>	<i>741</i>	<i>45</i>
5 Per cent of increase, 1899-1909.....	27.3	55.9	88.7	(1)	44.8	87.5	51.6	* 4.4
<b>LAND AND FARM AREA</b>								
6 Approximate land area..... acres.....	2,672,000	4,474,880	3,425,020	3,468,800	1,648,000	6,720,000	7,068,100	2,939,520
7 Land in farms..... acres.....	322,094	1,082,032	260,045	253,304	421,543	122,700	574,528	354,505
8 Improved land in farms..... acres.....	53,471	210,992	16,579	59,295	95,368	10,013	202,866	41,119
9 Acreage irrigated in 1909.....	54,838	122,021	22,498	58,853	94,141	10,798	260,020	6,577
10 Per cent of total land area.....	2.1	2.7	0.7	1.7	5.7	0.2	3.7	0.2
11 Per cent of land in farms.....	17.0	7.3	8.7	23.2	22.3	8.8	45.3	1.9
12 Per cent of improved land in farms.....	* 102.6	57.8	* 135.7	99.3	98.7	* 107.8	* 128.2	16.0
13 <i>Acreage irrigated in 1899.....</i>	<i>25,217</i>	<i>64,901</i>	<i>17,801</i>	<i>(1)</i>	<i>49,293</i>	<i>5,110</i>	<i>128,240</i>	<i>5,478</i>
14 Per cent of increase, 1899-1909.....	117.5	88.0	27.8	(1)	91.1	111.3	101.7	80.4
15 Acreage enterprises were capable of irrigating in 1910.....	75,301	100,009	29,255	108,478	114,285	22,667	303,704	8,076
16 Acreage included in projects.....	104,492	177,252	36,837	265,255	117,563	90,614	330,103	10,075
<b>ACREAGE IRRIGATED AND INCLUDED IN PROJECTS</b>								
CLASSIFIED BY CHARACTER OF ENTERPRISE.								
17 U. S. Reclamation Service, irrigated in 1909.....		3,880		9,025				
18 Enterprises were capable of irrigating in 1910.....		3,880		30,989				
19 Included in projects.....		3,880		164,000				
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.....	3,000	17,874		9,500		1,128		
24 Enterprises were capable of irrigating in 1910.....	6,000	17,874		23,000		12,000		
25 Included in projects.....	10,560	17,874		36,700		75,658		
26 Irrigation districts, irrigated in 1909.....								
27 Enterprises were capable of irrigating in 1910.....								
28 Included in projects.....								
29 Cooperative enterprises, irrigated in 1909.....	14,710	9,150		3,634	37,459	766	19,994	
30 Enterprises were capable of irrigating in 1910.....	20,730	11,590		6,334	51,928	770	25,761	
31 Included in projects.....	20,133	12,070		8,344	52,658	850	29,280	
32 Commercial enterprises, irrigated in 1909.....	500	35,000						11,406
33 Enterprises were capable of irrigating in 1910.....	1,000	50,000						11,476
34 Included in projects.....	1,285	60,000						11,550
35 Individual and partnership enterprises, irrigated in 1909.....	36,028	65,117	22,498	30,694	56,682	8,904	228,620	6,577
36 Enterprises were capable of irrigating in 1910.....	47,565	77,565	29,255	48,155	92,357	9,807	266,467	8,076
37 Included in projects.....	66,524	83,428	36,837	66,211	64,005	14,106	280,267	10,075
<b>ACREAGE IRRIGATED</b>								
CLASSIFIED BY SOURCE OF WATER SUPPLY.								
38 Supplied from streams.....	54,683	116,154	21,237	57,937	90,658	9,948	258,407	5,747
39 By gravity.....	54,549	115,658	20,932	57,936	90,458	9,898	258,404	5,742
40 By pumping.....	134	496	305	1	200	50	3	5
41 Supplied from lakes.....								
42 By gravity.....								
43 By pumping.....								
44 Supplied from wells.....					20	10	4	
45 Flowing.....							4	
46 By pumping.....					20	10		
47 Supplied from springs.....		150	648	100	10	363	1,529	88
48 Supplied from reservoirs.....	155	5,717	613	750	3,453	477	80	742
49 Total acreage supplied by pumping.....	134	496	305	1	220	60	3	5
<b>IRRIGATION ENTERPRISES</b>								
50 Independent enterprises..... number.....	221	462	273	313	526	107	1,306	48
51 <i>Number in 1899<sup>4</sup>.....</i>	<i>41</i>	<i>318</i>	<i>41</i>	<i>(1)</i>	<i>69</i>	<i>59</i>	<i>701</i>	<i>30</i>
52 Per cent of increase, 1899-1910.....	439.0	47.6	565.9	(1)	662.3	81.4	86.3	60.0
53 Main ditches..... number.....	224	450	277	302	537	102	1,296	51
54 <i>Number in 1899<sup>4</sup>.....</i>								
55 Per cent of increase, 1899-1910.....								* 2.7
56 Length..... miles.....	529	827	334	813	939	151	2,369	73
57 <i>Length in 1899<sup>4</sup>.....</i>	<i>140</i>	<i>684</i>	<i>113</i>	<i>(1)</i>	<i>379</i>	<i>77</i>	<i>693</i>	<i>76</i>
58 Per cent of increase, 1899-1910.....	277.9	82.5	195.6	(1)	147.8	96.1	280.6	2.7
59 Capacity..... cubic feet per second.....	2,050	5,852	1,049	3,870	2,111	1,209	5,381	222
60 Laterals..... number.....	39	200	230	77	252	15	634	34
61 Length..... miles.....	31	270	114	103	240	5	316	9
62 Reservoirs..... number.....	6	60	52	12	78	13	7	17
63 Capacity..... acre-feet.....	5,125	1,196,215	6,119	461,020	2,361	24,716	400,099	924
64 Flowing wells..... number.....							1	
65 Capacity..... gallons per minute.....							150	
66 Pumped wells..... number.....					1	1		
67 Capacity..... gallons per minute.....					600	55		
68 Pumping plants..... number.....	3	3	5	1	2	2	1	1
69 Engine capacity..... horsepower.....	31	66	76	1	18	10	1	6
70 Pump capacity..... gallons per minute.....	1,455	3,278	3,211	6	1,860	855	17	250
<b>COST</b>								
71 Cost of enterprises up to July 1, 1910..... dollars.....	552,515	2,497,260	201,416	4,233,566	550,599	129,949	807,634	52,101
72 <i>Cost in 1899<sup>4</sup>.....</i>	<i>117,511</i>	<i>978,038</i>	<i>57,907</i>	<i>(1)</i>	<i>204,344</i>	<i>14,978</i>	<i>347,377</i>	<i>19,538</i>
73 Per cent of increase, 1899-1910.....	370.1	152.2	247.8	(1)	108.3	767.9	149.4	106.1
74 Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	7.34	14.78	6.88	39.03	4.82	5.73	2.86	6.45
75 <i>Average cost per acre irrigated in 1899<sup>4</sup>.....</i>	<i>4.06</i>	<i>16.07</i>	<i>3.29</i>	<i>(1)</i>	<i>5.37</i>	<i>2.93</i>	<i>2.70</i>	<i>5.64</i>
76 Estimated final cost of existing enterprises..... dollars.....	552,515	3,139,090	201,416	4,233,566	550,599	129,949	809,101	52,101
77 Average per acre included in projects..... dollars.....	5.20	17.71	5.47	15.90	4.08	1.43	2.63	5.17
<b>OPERATION AND MAINTENANCE</b>								
78 Acreage for which cost is reported.....	16,410	65,904		22,159	36,919		22,400	
79 Total cost reported..... dollars.....	3,082	81,910		37,228	15,982		2,710	
80 Average per acre for which cost is reported..... dollars.....	0.19	1.24		1.68	0.43		0.12	
81 <i>Average cost per acre in 1899<sup>4</sup>.....</i>	<i>0.11</i>	<i>0.17</i>	<i>0.05</i>	<i>(1)</i>	<i>0.20</i>	<i>0.17</i>	<i>0.08</i>	<i>0.10</i>
82 Per cent of increase, 1899-1909.....	72.7	629.4		(1)	115.0		50.0	

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

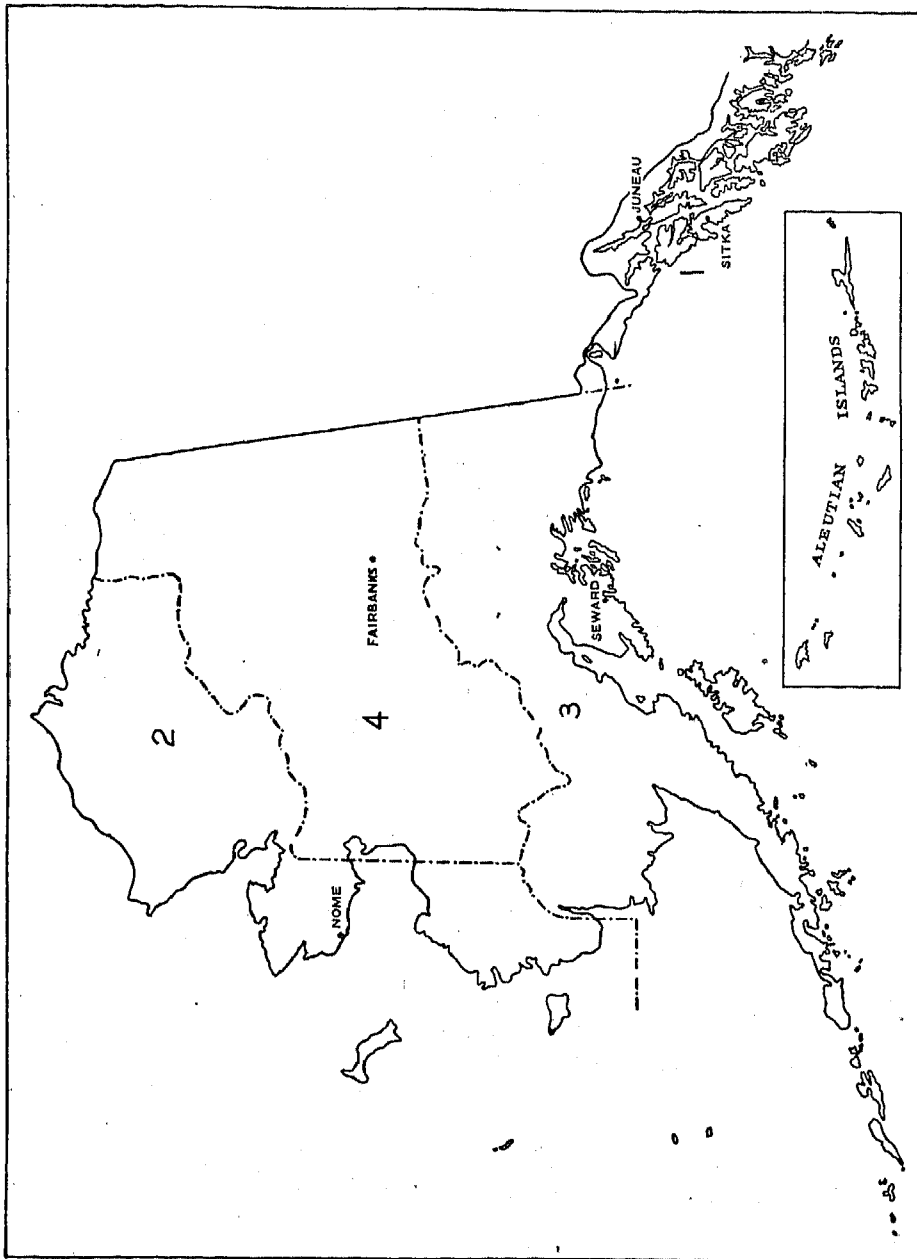
<sup>2</sup> Decrease.

<sup>3</sup> Irrigated acreage includes wild grass, while improved land does not.

<sup>4</sup> Figures relate only to systems obtaining water from streams.

<sup>5</sup> Not reported.

ALASKA, SHOWING JUDICIAL DISTRICTS.





# ALASKA.

## FARMS AND FARM PROPERTY.

Progress during the decade: 1900 to 1910.—The following table summarizes for the territory 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:

The population of Alaska was 64,356 in 1910, as compared with 63,592 in 1900, showing an increase of only 764. The agricultural development of the territory, however, was very marked; the number of farms reporting increased from 12 in 1900 to 222 in 1910; the farm acreage from 159 in 1900 to 42,544 in 1910; and the average acreage per farm from 13.3 to 191.6.

NUMBER, AREA, AND VALUE OF FARMS.	1910 (January 1)	1900 (June 1)	Increase.
Population.....	64,356	63,592	764
Number of all farms.....	222	12	210
Approximate land area..... acres..	378,165,760	378,165,760	-----
Land in farms..... acres..	42,544	159	42,385
Improved land in farms..... acres..	2,660	159	2,501
Average acres per farm.....	191.6	13.3	178.3
Value of farm property:			
Total.....	\$1,468,402	(1)	-----
Land.....	464,832	(1)	-----
Buildings.....	402,806	\$12,800	\$390,006
Implements and machinery.....	58,568	690	57,878
Domestic animals and poultry.....	542,196	2,196	540,000
Average value of all property per farm.....	\$6,614	(1)	-----
Average value of land per acre.....	\$10.93	(1)	-----
Average value of land and buildings per acre.....	\$20.39	(1)	-----

1 No titles to land in 1900.

The total value of farm property in 1900 is not available, because the farmers at that time possessed no titles to their land; in 1910 the total value of farm property amounted to \$1,468,000, of which the value of land contributed \$465,000. The value of farm buildings increased from \$12,800 in 1900 to \$402,806 in 1910, that of implements and machinery from \$690 to \$58,568, and that of domestic animals and poultry from \$2,196 to \$542,196. The average value of a farm in 1910 was \$6,614, the average value per

acre of land in farms, \$10.93, and the average value of land and buildings per acre, \$20.39.

## DOMESTIC ANIMALS AND POULTRY.

Domestic animals on farms: 1910.—The following table summarizes the statistics of domestic animals on farms for the territory, recorded as of January 1, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, swine, and reindeer are presented by age groups only.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.			AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Num-ber.	Per cent of all farms.	Num-ber.	Value.	Aver- age value.		Num-ber.	Per cent of all farms.	Num-ber.	Value.	Aver- age value.
Total.....	115	51.8	.....	\$531,480	-----	Swine.....	17	7.7	165	\$4,760	\$28.85
Cattle.....	52	23.4	811	56,216	\$69.32	Hogs and pigs (3 months and over, born in 1909 and before).....	16	7.2	100	3,900	39.00
Dairy cows (cows and helpers kept for milk, born in 1907 and before).....	40	22.1	231	21,255	92.01	Pigs (under 3 months).....	7	3.2	65	860	13.23
Other cows (cows and helpers not kept for milk, born in 1907 and before).....	11	5.0	131	11,035	84.24	Sheep.....	1	0.5	184	2,330	12.66
Helpers born in 1908.....	28	12.6	112	5,860	52.32	Ewes born in 1908 and before.....	1	0.5	80	1,200	15.00
Calves born in 1909.....	37	16.7	181	5,755	31.80	Rams and wethers born in 1908 and before.....	1	0.5	18	270	15.00
Steers and bulls born in 1908 and before.....	.....	.....	156	12,310	78.01	Lambs born in 1909.....	1	0.5	86	860	10.00
Horses.....	64	28.8	206	46,500	225.73	Goats.....	2	0.9	36	355	9.86
Mares, stallions, and geldings born in 1907 and before.....	.....	.....	176	42,395	240.88	Reindeer.....	(1)	.....	16,566	391,699	23.64
Colts born in 1908 and 1909.....	4	1.8	30	4,105	136.83	Reindeer (born in 1908 and before).....	(1)	.....	11,788	298,477	25.32
Mules (born in 1907 and before).....	5	2.3	9	3,206	356.22	Fawns (born in 1909).....	(1)	.....	4,778	93,222	19.51
Asses and burros.....	1	0.5	3	150	50.00	Dogs used as work animals (born in 1909 and before).....	32	14.4	162	6,930	42.78
						Miscellaneous:					
						Belgian hares.....	2	0.9	21	35	1.67
						Foxes.....	(1)	.....	167	19,300	115.57

1 Not reported separately.

Of the 222 farms in Alaska, 115, or 51.8 per cent, reported domestic animals; 64 farms reported horses; 52 reported cattle; 32 reported dogs used as work animals; and 17 reported swine. The number of farms keeping reindeer was not reported separately, but the number of reindeer, 16,566, was far greater than that of any other kind of animals, while their average value was comparatively low, \$23.64. The number of cattle was 811, their average value being \$69.32, and the number of horses was 206, the average value being \$225.73.

**Poultry on farms: 1910 and 1900.**—The total number of fowls on Alaska farms in 1910 was 5,483, as compared with 176 in 1900, and the total value in 1910 was \$10,716. Of the total number of fowls, 5,436 were chickens.

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

KIND.	Number of In-closures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	4,822		\$1,351,298	
All cattle.....	100	350	25,020	\$70.28
Dairy cows.....	100	228	20,180	88.51
Horses.....	569	2,106	598,001	284.98
Mules.....	53	205	30,450	102.44
Swine.....	28	214	5,273	24.64
Sheep.....	1	15	225	15.00
Reindeer.....	95	5,541	133,355	24.07
Dogs used as work animals.....	4,151	10,705	543,134	27.44
Foxes.....	1	180	5,040	33.00

Dogs are numerically by far the most important domestic animals not on farms, and in value they are second only to horses. Reindeer rank second in number and third in value.

**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.....		\$1,882,778		\$531,480		\$1,351,298
All cattle.....	1,107	81,235	811	50,215	356	25,020
Dairy cows.....	450	41,435	231	21,255	228	20,180
Horses.....	2,312	645,401	206	46,500	2,106	598,901
Mules.....	214	42,056	9	3,206	205	39,450
Asses and burros.....	3	150	3	150		
Swine.....	379	10,033	165	4,760	214	5,273
Sheep.....	199	2,555	184	2,330	15	225
Goats.....	36	355	36	355		
Reindeer.....	22,107	525,054	16,566	391,099	5,541	133,355
Dogs used as work ani- mals.....	10,057	550,064	162	6,030	10,705	543,134
Belgian hares.....	21	35	21	35		
Foxes.....	347	25,240	167	10,300	180	5,040

The total value of all domestic animals in Alaska in 1910 was \$1,883,000, of which the value of animals not on farms constituted 71.8 per cent. The number of horses not on farms was more than ten times the number on farms, while the dogs were nearly all outside of farms.

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

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

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Num-ber.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms Jan. 1, 1910.....	49	22.1	231	Head.....		
Specified dairy products, 1909:						
Milk reported.....			66,386	Gals.....		
Butter made.....			6,775	Lbs.....		
Cheese made.....			600	Lbs.....		
Milk and cream sold.....			42,282	Gals.....	\$34,063	\$0.81
Butter sold.....			3,323	Lbs.....	1,398	0.42
Cheese sold.....			525	Lbs.....	275	0.52
Total receipts from sales, 1909.....					35,736	
Specified dairy products, 1899:						
Butter made.....	3	25.0	200	Lbs.....		
Butter sold.....			50	Lbs.....	18	0.36

The total number of farms reporting cows January 1, 1910, was 49, and the number of cows was 231. The amount of milk reported was 66,386 gallons, and the amount of milk and cream sold 42,282 gallons, valued at \$34,063.

**Wool: 1909.**—One farm in Alaska reported sheep on January 1, 1910; the number of sheep of shearing age was 98; the number of fleeces produced in 1909 was 135, which weighed 1,050 pounds and were valued at \$450.

**Poultry products: 1909.**—The total number of fowls on Alaska farms on January 1, 1910, was 5,483, valued at \$10,716, and the number of eggs produced in 1909 was 17,100 dozens, valued at \$29,854.

**Sale or slaughter of domestic animals on farms: 1909.**—The total value of all domestic animals sold or slaughtered on Alaska farms in 1909 was \$12,053.

**CROPS.**

The following table presents the statistics of all the farm crops in Alaska in 1909 and 1899:

CROP.	1909		1899	
	Farms reporting.	Value.	Farms reporting.	Value.
<b>Cereals, total</b> .....	6	\$431	.....	.....
Barley.....	5	310	.....	.....
Oats.....	2	110	.....	.....
Wheat.....	1	4	.....	.....
Emmer and spelt.....	1	7	.....	.....
<b>Hay and forage, total</b> .....	118	94,933	5	\$1,340
Timothy.....	11	3,205	.....	.....
Other tame grasses.....	4	2,285	2	.....
Wild, salt, or prairie grasses.....	69	34,130	4	.....
Grains cut green.....	60	35,003	.....	.....
Coarse forage.....	8	13,800	.....	.....
All other.....	.....	6,385	.....	.....
<b>Vegetables, total</b> .....	.....	186,134	.....	5,255
Potatoes.....	181	96,815	11	1,371
Cabbage.....	100	20,512	9	.....
All other.....	.....	68,807	.....	.....
<b>Small fruits, total</b> .....	22	1,320	.....	.....
Strawberries.....	4	920	.....	.....
All other <sup>1</sup> .....	22	301	.....	.....

<sup>1</sup> Includes small quantities of blackberries, cranberries, currants, raspberries, gooseberries, and blueberries.

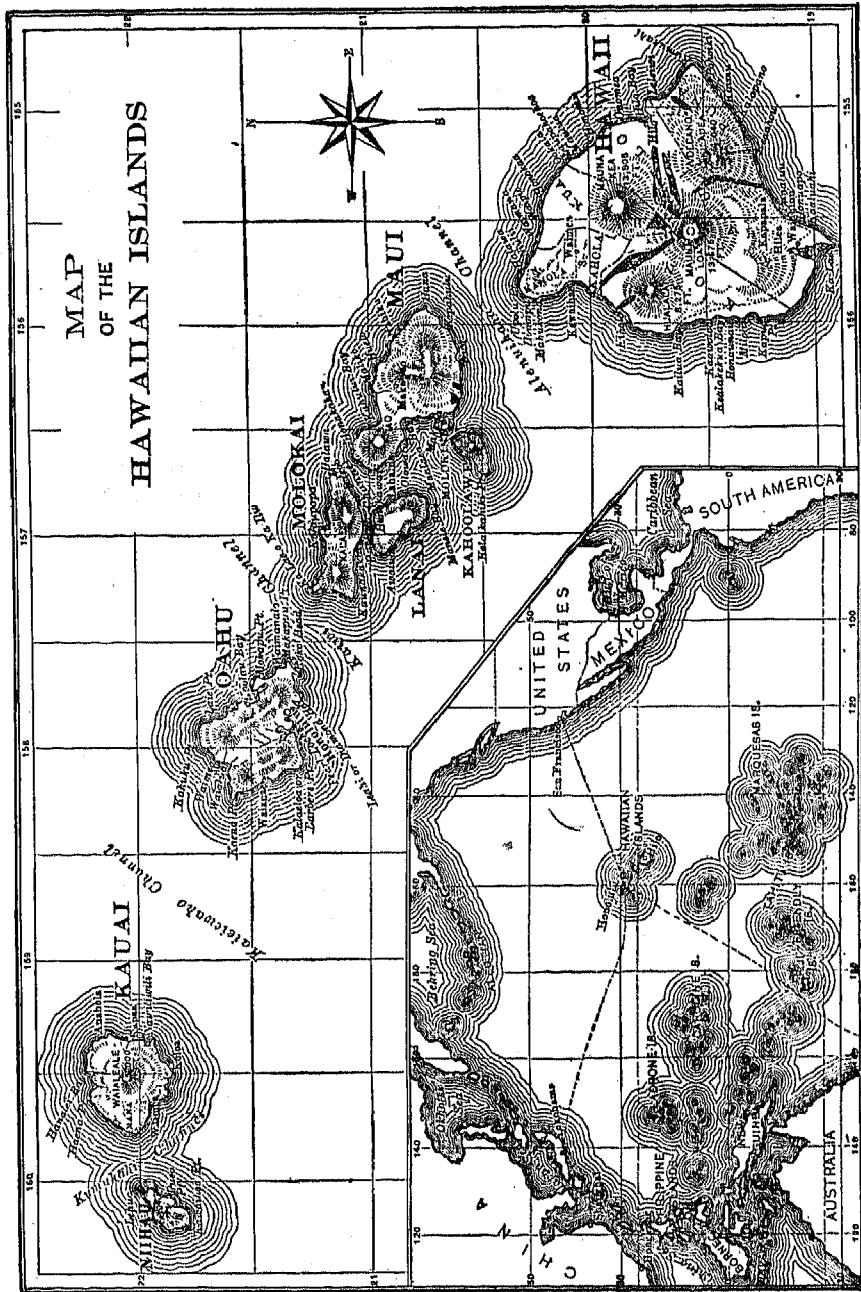
The table shows that vegetables were by far the most important crop in Alaska, their total value aggregating \$186,134 in 1909 and \$5,255 in 1899. Hay and forage was the only other important crop, being valued at \$94,933 in 1909 and \$1,340 in 1899. In 1909 a small amount of small fruits, mostly strawberries, was produced, and also small quantities of barley and of oats.

The only crop that was sold in any considerable quantity in Alaska was potatoes, 10,903 bushels of which were sold in 1909; 90 bushels of oats, 58 bushels of barley, 203 tons of hay, and 56 tons of coarse forage were also reported as sold.

The forest products of farms in 1910 were valued at \$53,161, of which firewood produced for home use by Alaska farmers was valued at \$22,304, while the receipts from the sale of firewood amounted to \$30,857.

**FARM EXPENSES.**

The total expenditure for labor reported by Alaska farmers in 1909 was \$76,078, as compared with \$825 in 1899; the expenditure for feed for live stock in 1909 amounted to \$46,162, and that for fertilizers to \$8,479.



# HAWAII.

## FARMS AND FARM PROPERTY.

The territory of Hawaii consists of a group of 20 islands, which lie in the North Pacific Ocean, 2,100 miles from San Francisco to the south and west and more than 2,000 miles from the nearest mainland. The main islands of the group form a chain, running from northwest to southeast and extending over a distance of 390 miles from the westernmost point of Niihau to the eastern extremity of the island of Hawaii. It lies within longitude 154° 40' and 160° 30' west, and latitude 22° 16' and 18° 55' north.

Of the 20 islands composing the group, only 9, Hawaii, Maui, Oahu, Kauai, Molokai, Lanai, Niihau, Kahoolawe, and Midway, are at all inhabited, the last two having only a very small population. The other islands are mere rocks and coral reefs, which workmen occasionally visit for the purpose of collecting eggs and the guano deposits which are found there in abundance.

Geologically the island group is of volcanic origin

and of comparatively recent formation. The soil is composed almost wholly of basaltic lavas in various stages of decomposition. The most important islands, Hawaii, Maui, and Oahu, contain large areas of fertile land, the most productive being the lowlands which embrace large tracts of deep soil, consisting of sedimentary deposits washed down from the mountains by the tropic rains, and beds of volcanic ash and lava disintegrated *in situ* where the soil either is sedimentary in its nature or consists of large pieces of volcanic ash and of lava disintegrated *in situ* has been deposited to great depths. The climatic conditions on these islands are favorable for agricultural activities.

**Progress during the decade 1900 to 1910.**—The following table summarizes for the territory the more significant facts relating to population and total 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.....	191, 909	154, 001	37, 908	24. 6
Number of all farms.....	4, 320	2, 273	2, 047	90. 1
Approximate area..... acres..	<sup>2</sup> 4, 127, 360	<sup>2</sup> 4, 127, 360	.....	.....
Land in farms..... acres..	2, 590, 600	2, 609, 613	-19, 013	-0. 7
Improved land in farms..... acres..	305, 053	294, 545	10, 508	3. 6
Average acres per farm.....	599. 7	1, 148. 1	-548. 4	-47. 8
Average improved acres per farm.....	70. 6	129. 6	-59. 0	-45. 5
Value of farm property:				
Total.....	\$96, 363, 229	\$74, 084, 088	\$22, 278, 241	30. 1
Land.....	78, 132, 945	56, 484, 061	21, 648, 884	38. 3
Buildings.....	4, 798, 756	3, 545, 895	1, 252, 861	35. 3
Implements and machinery.....	9, 024, 328	11, 484, 890	-2, 460, 562	-21. 4
Domestic animals, poultry, and bees.....	4, 407, 200	2, 570, 142	1, 837, 058	71. 5
Average value of all property per farm.....	\$22, 306	\$32, 593	-\$10, 287	-31. 6
Land.....	18, 086	24, 850	-6, 764	-27. 2
Buildings.....	1, 111	1, 560	-449	-28. 8
Implements and machinery.....	2, 089	5, 053	-2, 964	-58. 7
Domestic animals, poultry, and bees.....	1, 020	1, 131	-111	-9. 8
Average value of land per acre.....	\$30. 16	\$21. 64	\$8. 52	39. 4
Average value of land and buildings per acre.....	\$32. 01	\$23. 00	\$9. 01	39. 2

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

<sup>2</sup> Area given is total area, as area for land only is not obtainable.

Between 1900 and 1910 the population of Hawaii increased by 37,908, or 24.6 per cent, the number of farms increased by 2,047, or 90.1 per cent, while there was an apparent decrease of 0.7 per cent in the acreage of land in farms, and an increase of 3.6 per cent in the improved acreage. The average size of farms decreased from 1,148.1 acres to 599.7 acres, thus being about one-half as great in 1910 as in 1900.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), increased in value during

the decade \$22,278,000, or 30.1 per cent. This increase consisted chiefly of an increase in the value of land, which amounted to \$21,649,000, or 38.3 per cent; the value of buildings increased 35.3 per cent, and that of live stock 71.5 per cent. There was a decrease of \$2,461,000, or 21.4 per cent, in the value of implements and machinery, due largely to the fact that in 1900 a considerable part of the apparatus used in the manufacture of sugar on plantations was reported under the heading "agricultural implements and machinery," while in 1910 most of this equipment

was excluded from the agricultural statistics and reported as a part of the value of manufacturing establishments.

Owing to the decided decrease in the size of farms, the average value of farm property per farm decreased between 1900 and 1910 by \$10,287, or 31.6 per cent, while the value of land per acre increased from \$21.64 to \$30.16, or 39.4 per cent.

**Farms by size groups: 1910 and 1900.**—The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900, consolidating into one group the farms of less than 20 acres and also the farms of between 175 and 499 acres. It also shows the number and percentage of increase during the decade, and the per cent of total for each class at each census:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
<b>All farmers</b> .....	4,320	2,273	2,047	90.1	100.0	100.0
Under 20 acres.....	3,267	1,580	1,687	106.8	75.6	69.5
20 to 49 acres.....	520	285	235	82.5	12.0	12.5
50 to 99 acres.....	190	129	61	47.3	4.4	5.7
100 to 174 acres.....	106	66	40	60.6	2.5	2.9
175 to 499 acres.....	80	76	4	5.3	1.9	3.3
500 to 999 acres.....	34	21	13	61.9	0.8	0.9
1,000 acres and over.....	123	116	7	6.0	2.8	5.1
<b>White</b> .....	753	509	244	47.9	100.0	100.0
Under 20 acres.....	377	206	171	83.0	50.1	40.5
20 to 49 acres.....	125	99	26	26.3	16.6	19.4
50 to 99 acres.....	54	35	19	54.3	7.2	6.9
100 to 174 acres.....	43	32	11	34.4	5.7	6.3
175 to 499 acres.....	33	36	-3	-8.3	4.4	7.1
500 to 999 acres.....	24	8	16	200.0	3.2	1.6
1,000 acres and over.....	97	93	4	4.3	12.9	18.3
<b>Colored</b> .....	3,567	1,764	1,803	102.2	100.0	100.0
Under 20 acres.....	2,890	1,374	1,516	110.3	81.0	77.9
20 to 49 acres.....	395	186	209	112.4	11.1	10.5
50 to 99 acres.....	136	94	42	44.7	3.8	5.3
100 to 174 acres.....	63	34	29	85.3	1.8	1.9
175 to 499 acres.....	47	40	7	17.5	1.3	2.3
500 to 999 acres.....	10	13	-3	-23.1	0.3	0.7
1,000 acres and over.....	26	23	3	13.0	0.7	1.3

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

During the decade there was an increase in the number of farms of every size group considering both white and colored farmers together, although there was a decrease of 3 in the number of 175 to 499 acre farms operated by white farmers, and of the the same number in the 500 to 999 acre class among colored farmers. Taken as a whole the greatest increase both absolute and relative was in farms of under 20 acres. This is the only size group which shows a higher percentage of the total in 1910 than in 1900, the number having more than doubled during the decade. The 20 to 49 acre group also showed a material gain amounting to 235 farms, or 82.5 per cent, while its percentage of the total remained nearly the same.

Among the white farmers, those operating farms of under 20 acres in size increased 171, or 83 per cent, while there was exactly three times as many operating 500 to 999 acre farms in 1910 as in 1900. Their gain in number was only 16, however. The percentage of the total of these two sizes and the 50 to 99 acre group was greater in 1910 than in 1900, that of all other sizes being smaller.

Among the colored farmers the number operating farms of under 20 acres increased 1,516, or 110.3 per cent, and the number of those operating 20 to 49 acres farms increased 209, or 112.4 per cent. These are the only sizes in which the percentage of the total increased during the decade.

In 1900, 82.1 per cent of the farms were under 50 acres in size, this proportion having increased to 87.7 per cent in 1910. Among white farmers the percentages were respectively 59.9 and 66.7, and among colored farmers 88.4 and 92.1. Of the large plantations (500 acres and upward) more than three-quarters were operated by white farmers in 1910, this proportion being slightly greater than 10 years earlier.

**Color and race of colored farmers: 1910 and 1900.**—The next table shows for white and colored farmers (the latter by race) combined and for each class separately the total number of farms and the number operated by owners, part owners, cash tenants, share tenants, and managers, respectively.

RACE.		NUMBER OF FARMS.					
		All farmers.	Own-ers.	Part own-ers.	Share ten-ants.	Cash ten-ants.	Man-agers.
<b>Total</b> .....	1910..	4,320	834	129	214	2,894	249
	1900..	2,273	684	139	67	1,255	128
White.....	1910..	753	472	44	15	103	110
	1900..	509	271	41	7	98	92
Hawaiian.....	1910..	463	309	45	6	81	22
	1900..	488	287	73	17	104	7
Japanese.....	1910..	2,138	40	16	130	1,923	43
	1900..	531	5	5	21	464	1
Chinese.....	1910..	876	22	21	58	720	55
	1900..	742	83	20	22	589	28
Black.....	1910..	7	3	2	1	1	.....
	1900..	2	2	.....	.....	.....	.....
All other Asiatics.....	1910..	83	2	1	4	66	10
	1900..	1	1	.....	.....	.....	.....

There was an increase of 244 white farmers, or 47.9 per cent, during the decade, 204 of these belonging to the owner (including part owner) class. There were 25 fewer Hawaiian farmers in 1910 than in 1900, owners and managers showing small increases in number, however. Among the Chinese farmers, a total gain of 134 was reported, this amounting, however, to only 18.1 per cent. There was an increase of 131 in the cash tenant class. By far the greatest gain in number of farmers was reported among the Japanese, there having been an increase of 1,607, or 302.6 per cent. There was a decrease of 14, or 35 per cent, among Japanese owners, however, but large increases in all other tenures, the greatest absolute gain being among cash tenants, from 464 to 1,923, and the greatest relative increase among managers, from 1 to 43. In 1900, Japanese farmers constituted 23.4 per cent of all farmers and 37 per cent of all cash tenants, and in 1910 they represented 49.5 per cent and 66.4 per cent, respectively.

The next table shows the per cent distribution by tenure groups of the number of farms as given in the preceding table.

RACE.	PER CENT OF TOTAL.					
	All farm-ers.	Own-ers.	Part own-ers.	Share ten-ants.	Cash ten-ants.	Man-agers.
Total.....	1910. 100.0	19.3	3.0	5.0	67.0	5.8
.....	1900. 100.0	30.1	6.1	2.9	55.2	5.6
White.....	1910. 100.0	62.7	5.8	2.0	13.7	15.8
.....	1900. 100.0	53.2	8.1	1.4	19.3	18.1
Hawaiian.....	1910. 100.0	66.7	9.7	1.3	17.5	4.8
.....	1900. 100.0	58.8	15.0	3.5	21.3	1.4
Japanese.....	1910. 100.0	1.2	0.7	6.1	89.9	2.0
.....	1900. 100.0	7.5	0.9	4.0	87.4	0.2
Chinese.....	1910. 100.0	2.5	2.4	6.6	82.2	6.3
.....	1900. 100.0	11.2	2.7	3.0	79.4	3.8
Black.....	1910. 100.0	42.9	28.6	14.3	14.3	.....
.....	1900. 100.0	100.0	.....	.....	.....	.....
All other Asiatics.....	1910. 100.0	2.4	1.2	4.8	79.5	12.0
.....	1900. 100.0	100.0	.....	.....	.....	.....

For the territory as a whole, the proportion of owners and part owners showed a great falling off, that of the former being, in 1910, less than two-thirds and of the latter less than half of that shown in 1900. Both cash and share tenancy increased materially, the latter with greater proportionate rapidity. The change in managers was small.

These changes are clearly explained by the fact that the decade 1900-1910 covers the period since the organization of the territorial government and the extension of the American Constitution to Hawaii. These events ended the former system of contract labor on the sugar plantations and favored the gradual substitution to tenancy agreements for hired labor, especially among the oriental cane growers. Meanwhile, the Government's policy of homesteading the public land has added to the number of farms owned or occupied by citizens.

Among white farmers the proportion of owners and share tenants increased while all other classes showed decreases, the most notable being cash tenants. The per cent of owners and managers increased among the Hawaiians, or native population, and this class also showed the highest percentage of owners and lowest of share tenants of any race group. Among the Japanese the proportion of owners, part owners, and managers is by far the lowest of any race group while they rank first among the cash tenants and a close second to the Chinese among share tenants—the number of negro farmers being too small for consideration. Nine out of every ten Japanese farmers operate under a cash tenure. The per cent of owners among this race fell from 7.5 in 1900 to 1.2 in 1910. Practically the same movement is seen among the Chinese farmers, their proportion of cash tenants being less than that of the Japanese, however, that of the other tenancies being correspondingly larger. The proportion of Chinese owners in 1910 was about one-fifth that of 1900, that of part owners about the same, and that of share tenants and managers about doubled.

In 1900 one South Sea Island owner was reported, and in 1910, 83 farmers were classified as "all other

Asiatics." These divide among the different tenures along the same general lines as the Japanese and Chinese. Seven negro farmers were reported in 1910 as compared with two in 1900.

Farm tenure: 1910 and 1900.—The following table shows, for white and colored farmers combined and for each class separately, the distribution of the farms of Hawaii according to character of tenure for 1910 and 1900, together with the amount and percentage of increase during the decade, and per cent of total for each class at each census:

TENURE GROUP.	NUMBER OF FARMS.		INCREASE. <sup>1</sup>		PER CENT OF TOTAL.	
	1910	1900	Num-ber.	Per cent.	1910	1900
					100.0	100.0
<b>All farmers.....</b>	<b>4,320</b>	<b>2,273</b>	<b>2,047</b>	<b>90.1</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	854	684	150	21.9	19.3	30.1
Part owners.....	129	139	-10	-7.2	3.0	6.1
Share tenants.....	214	67	147	219.4	5.0	2.9
Cash tenants.....	2,894	1,255	1,639	130.6	67.0	55.2
Managers.....	249	128	121	94.5	5.8	5.6
<b>White.....</b>	<b>753</b>	<b>509</b>	<b>244</b>	<b>47.9</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	472	271	201	74.2	62.7	53.2
Part owners.....	41	41	3	7.3	5.8	8.1
Share tenants.....	15	7	8	114.3	2.0	1.4
Cash tenants.....	103	98	5	5.1	13.7	19.3
Managers.....	110	92	27	29.3	15.8	18.1
<b>Colored.....</b>	<b>3,567</b>	<b>1,764</b>	<b>1,803</b>	<b>102.2</b>	<b>100.0</b>	<b>100.0</b>
Owners.....	362	413	-51	-12.3	16.1	23.4
Part owners.....	85	98	-13	-13.3	2.4	5.6
Share tenants.....	199	60	139	231.7	5.6	3.4
Cash tenants.....	2,791	1,157	1,634	141.2	78.2	65.6
Managers.....	130	36	94	261.1	3.6	2.0

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

During the decade there was an increase of 2,047 farms, or 90.1 per cent, this increase being participated in by each tenure class of farmers taken as a whole, except part owners. The greatest absolute gain, 1,639 farms, was among the cash tenants and the greatest relative increase among the share tenants, these two classes together showing a gain of 1,786 farms, or 135.1 per cent. Although "owners" showed a gain of 21.9 per cent for the decade and "managers" one of 94.5 per cent, the percentage of the former fell from 30.1 of the total to 19.3, while that of the latter was practically unchanged. The proportion of cash tenants increased from 55.2 to 67 per cent and of share tenants from 2.9 to 5 per cent.

Among white farmers increases appeared in each class, although the numerical gain was of little consequence except among owners, where it amounted to 201 farms, or 74.2 per cent. The number of share tenants more than doubled, but the total was only 15 farms in 1910.

Of the colored farmers the number of both owners and part owners decreased during the decade, while the other classes increased materially. Of the total increase of 1,639 cash tenants all but 5 were among the colored farmers. The general tendency among the whites is toward ownership, while among the non-whites it is in the contrary direction. The greatest relative gain among the latter was in managers, 261.1 per cent, followed by share tenants, 231.7 per cent, and cash tenants, 141.2 per cent.

## 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 and territories will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

The next table summarizes the statistics of domestic animals on farms for the territory, 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.....	2,925	67.7	.....	\$4,292,945	.....
<b>Cattle</b> .....	642	14.9	145,029	2,279,026	\$15.71
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	479	11.1	6,861	235,321	34.30
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	320	7.5	60,881	1,045,420	15.63
Heifers born in 1909.....	361	8.4	15,500	148,958	9.48
Calves born after Jan. 1, 1910.....	362	8.4	8,582	56,464	6.58
Steers and bulls born in 1909.....	254	5.9	13,843	137,387	9.92
Steers and bulls born before Jan. 1, 1909.....	244	5.6	33,302	657,476	19.71
<b>Horses</b> .....	2,253	52.2	15,856	786,207	49.58
Mares, stallions, and geldings born before Jan. 1, 1909.....	2,230	51.6	14,152	752,676	53.19
Colts born in 1909.....	217	5.0	1,376	27,892	20.27
Colts born after Jan. 1, 1910.....	106	2.5	328	5,639	17.19
<b>Mules</b> .....	494	11.4	7,956	918,644	115.47
Mules born before Jan. 1, 1909.....	477	11.0	7,738	914,280	118.16
Mule colts born in 1909.....	34	0.8	180	3,752	20.17
Mule colts born after Jan. 1, 1910.....	17	0.4	32	600	18.94
<b>Asses and burros</b> .....	607	14.1	1,759	19,726	11.21
<b>Swine</b> .....	1,396	32.3	20,484	136,116	6.64
Hogs and pigs born before Jan. 1, 1910.....	1,271	29.4	10,990	97,552	8.88
Pigs born after Jan. 1, 1910.....	630	14.7	9,494	38,564	4.06
<b>Sheep</b> .....	31	0.7	76,710	137,476	1.79
Ewes born before Jan. 1, 1910.....	27	0.6	38,194	76,225	2.00
Rams and wethers born before Jan. 1, 1910.....	23	0.5	22,100	47,473	2.15
Lambs born after Jan. 1, 1910.....	18	0.4	16,416	13,778	0.84
<b>Goats</b> .....	44	1.0	4,451	3,067	0.69
<b>Carabaos (Chinese buffaloes)</b> .....	75	1.7	899	12,683	31.79

The total value of live stock on farms, including domestic animals, poultry, and bees in 1910, was \$4,407,000, of which domestic animals contributed \$4,293,000. The value of cattle represented 51.7 per cent of the total value of live stock on farms; that of

mules, 20.8 per cent; that of horses, 17.8 per cent; that of sheep, 3.1 per cent; that of swine, 3.1 per cent; that of poultry 1.5 per cent; that of asses and burros, 0.4 per cent; that of carabaos (Chinese buffaloes), 0.3 per cent; and that of goats, 0.1 per cent.

Of the total number of farms enumerated, 2,925, or 67.7 per cent, report domestic animals of some kind, the number without any domestic animals being 1,395.

Of all the farms in the territory, 52.2 per cent report horses, but only 5 per cent report colts born in 1909, and 2.5 per cent report colts born after January 1, 1910. The average value of mature horses was reported at \$53.19, an increase over the value in 1900 of \$16.92, or 46.7 per cent. Mature mules were reported in 1910 at more than double the value of mature horses, but there was little difference between the reported values of horse and mule colts.

Swine were reported by 32.3 per cent of the farms, but only 14.7 per cent reported pigs born after January 1, 1910. The average value of swine reported as "hogs and pigs born before January 1, 1910," was \$8.88, while that of spring pigs was \$4.06.

Only 14.9 per cent of the farms reported cattle, and only 11.1 per cent had "dairy cows," and 7.5 per cent had "other cows." There was an increase during the decade in the average value of both these classes of cows amounting to about 10 per cent.

Asses and burros were reported by 14.1 per cent of the farms; mules by 11.4 per cent; carabaos by 1.7 per cent; goats by 1 per cent; and sheep by 0.7 per cent.

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Per cent of all farms.			
Total.....	2,308	53.4	95,667	\$65,310	58,143
Chickens.....	2,273	52.6	64,136	47,115	31,888
Turkeys.....	88	2.0	1,742	4,704	4,672
Ducks.....	292	6.8	25,711	12,167	21,508
Geese.....	30	0.7	161	380	75
Guinea fowls.....	11	0.3	341	167	(1)
Pigeons.....	61	1.4	3,676	717	(2)

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

<sup>2</sup> Not reported.

Of the total number of farms in Hawaii, 2,308, or 53.4 per cent, reported fowls in 1910. The increase in the number of fowls on Hawaiian farms during the last decade amounted to 64.5 per cent. The total number in 1910 was 95,667, valued at \$65,310. About two-thirds of this number were chickens, and somewhat more than one-fourth were ducks. Pigeons and turkeys were the only other fowls of which there were more than 1,000.



**Bees on farms: 1910.**—The number of farms reporting bees has increased from 46 in 1900 to 66 in 1910, or 43.5 per cent. The number of colonies of bees increased from 1,387 to 12,621, or 809.9 per cent, and their value increased from \$8,426 to \$48,945, or 480.9 per cent. The average value of bees per farm reporting was \$183.17 in 1900 and \$741.59 in 1910. About 2 farms in every 100 report bees.

**Domestic animals not on farms: 1910.**—Most of the domestic animals not on farms are found in cities, towns, and in plantation villages, where laborers not operating farms independently often keep horses, cattle, swine, and poultry. Statistics for such animals are shown below.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
<b>Total</b> .....	<b>7,154</b>		<b>\$1,095,474</b>	
All cattle.....	3,042	113,227	\$28.01	
Dairy cows.....	811	72,095	44.48	
Horses.....	11,708	700,584	64.96	
Mules.....	1,410	130,657	96.31	
Asses and burros.....	622	1,088	7.91	
Swine.....	10,360	75,053	7.24	
Sheep.....	12	64	5.33	
Goats.....	181	659	1.95	

No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table age groups are omitted for the sake of brevity.

**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>\$5,388,410</b>		<b>\$4,292,945</b>		<b>\$1,095,474</b>
All cattle.....	149,071	2,302,253	145,020	2,270,026	4,042	113,227
Dairy cows.....	8,482	307,416	6,861	235,321	1,621	72,095
Horses.....	27,564	1,540,701	15,856	780,207	11,708	760,584
Mules.....	9,375	1,055,301	7,050	618,044	1,410	130,657
Asses and burros.....	2,847	28,329	1,759	10,726	1,088	8,603
Swine.....	30,844	211,169	20,484	136,110	10,360	75,053
Sheep.....	70,722	137,540	70,710	137,476	12	64
Goats.....	5,110	4,353	4,461	3,007	659	1,280
Carabos (Chinese buffaloes).....	399	12,683	399	12,683		

The total value of all domestic animals in the territory in 1910 was \$5,388,000, of which the value of animals not on farms represented 20.3 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.

The number of farms reporting dairy cows on April 15, 1910, was 479; but only 241 reported the production of any kind of 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 227 (somewhat less than the total number reporting dairy

products), and the number of dairy cows on such farms on April 15, 1910, was 4,764. The amount of milk reported was 1,028,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 216 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient, and that the distinction between dairy and other cows is not always strictly observed in the census returns.

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	479	11.1	6,861	Head		
On farms reporting dairy products in 1909.....	241	5.6	4,806	Head		
On farms reporting milk produced in 1909.....	227	5.3	4,764	Head		
Specified dairy products, 1909:						
Milk reported.....			1,028,000	Gals..		
Butter made.....	82	1.9	54,133	Lbs..	\$21,792	\$0.40
Milk sold.....	108	2.5	740,184	Gals..	190,030	0.26
Cream sold.....	4	0.1	5,004	Gals..	3,659	0.72
Butter sold.....	44	1.0	44,713	Lbs..	18,233	0.41
Total receipts from sales, 1909.....					211,022	
Total value of milk and cream sold and butter made, 1909.....					215,481	
Specified dairy products, 1899:						
Butter made.....	71	3.1	118,871	Lbs..		
Cheese made.....	1	( <sup>1</sup> )	12	Lbs..		
Butter sold.....			96,200	Lbs..	35,455	0.37

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

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience, a partial total has been presented comprising the reported value of milk and cream sold as such (none was reported as sold on the butter fat basis) and the reported value of butter made, whether for home consumption or for sale. The total thus obtained for 1909 is \$215,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About three-fourths of the milk reported as produced by Hawaiian farmers in 1909 was sold as such. The butter made on farms was valued at \$21,792.

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 are approximately comparable. The table shows a material decrease between 1899 and 1909 in the amount of butter made.

**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.....	30	60,294			
Wool produced, as reported, 1909..	12	57,750	72,570	334,955	\$52,414
Total production of wool (partly estimated):					
1909.....			75,767	349,711	54,723
1899.....			93,719	424,228	53,686
Increase, 1899 to 1909 <sup>1</sup> .....			-17,952	-74,517	1,037
Per cent of increase.....			-19.2	-17.6	

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

The total number of sheep of shearing age in Hawaii on April 15, 1910, was 60,294, representing a decrease of 28.7 per cent as compared with the number on June 1, 1900 (84,606). The approximate production of wool during 1909 was 75,767 fleeces, weighing 349,711 pounds and valued at \$54,723. Of these totals about one twenty-fifth represents estimates.

<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, 18 farmers who reported the possession of 2,544 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 some 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.

All of the wool reported for 1909 was produced on farms having sheep April 15, 1910. The average weight per fleece in 1909 was 4.6 pounds, as compared with 4.5 pounds in 1899, and the average value per pound was 16 cents, as compared with 13 cents in 1899. Although 44 farmers reported 4,451 goats and kids on their farms April 15, 1910, no production of goat hair or mohair was reported for 1909.

**Poultry products: 1909 and 1899.**—The next statement 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.....	2,308	95,667		
On farms reporting eggs produced in 1909.	1,675	86,004		
On other farms.....	633	9,663		
Eggs produced, as reported, 1909.....	1,696		328,224	\$94,957
Total production of eggs (partly estimated):				
1909.....			386,448	111,802
1899.....			155,710	45,257
Increase, 1899 to 1909.....			230,738	66,545
Per cent of increase.....			148.2	147.0
Eggs sold, as reported, 1909.....	870		240,408	68,083
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.	1,611	80,690		
On other farms.....	697	14,971		
Poultry raised, as reported, 1909.....	1,664		No. of fowls. 122,117	74,379
Total poultry raised (partly estimated):				
1909.....			144,773	88,178
1899.....			61,546	26,032
Increase, 1899 to 1909.....			83,227	62,146
Per cent of increase.....			134.4	238.7
Fowls sold, as reported, 1909.....	757		67,516	36,850

The total number of fowls on Hawaiian farms on April 15, 1910, was 95,667. Of the 2,308 farms reporting fowls, 633 did not report any eggs produced in 1909 and 697 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 328,224 dozens, valued at \$94,957. According to the Twelfth Census reports the production of eggs in 1899 was 155,710 dozens, the value being \$45,257. 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 386,448 dozens, valued at \$111,802. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 144,773 fowls, valued at \$88,178.

**Honey and wax: 1909.**—Although 66 farms reported 12,621 colonies of bees on hand April 15, 1910, 20 of these farms, with 407 colonies on hand April 15, 1910, made no report of honey and wax produced in 1909. The actual returns show the production of 999,915 pounds of honey, valued at \$33,022, and 30,113 pounds of wax, valued at \$8,765; the true totals are doubtless somewhat above these figures.

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

The total value of domestic animals sold during 1909 was \$831,000, and that of animals slaughtered on farms \$210,000, making an aggregate of \$1,041,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented about three-fourths of the total value of animals sold, and the value of swine sold represented about one-eighth of the total.

The census of 1900 called for the receipts from the sale of domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$298,476 and \$64,081. 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.

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
<b>1909—All domestic animals:</b>					
Sold.....				\$830,800	
Slaughtered.....				208,074	
Calves:					
Sold.....	67	1.6	1,544	20,364	\$19.02
Slaughtered.....	20	0.5	262	2,528	9.65
Other cattle:					
Sold.....	190	4.4	17,461	604,801	34.04
Slaughtered.....	83	1.9	6,238	182,484	29.25
Horses:					
Sold.....	80	1.9	650	45,835	60.55
Mules:					
Sold.....	35	0.8	178	12,217	68.63
Asses and burros:					
Sold.....	10	0.2	21	4,463	60.14
Swine:					
Sold.....	486	11.3	11,662	108,003	9.26
Slaughtered.....	209	4.8	1,541	21,774	14.13
Sheep:					
Sold.....	17	0.4	9,935	29,213	2.94
Slaughtered.....	8	0.2	805	2,958	3.67
Goats:					
Sold.....	2	(1)	16	23	1.44
Slaughtered.....	4	0.1	160	230	1.44
<b>1899—All domestic animals:</b>					
Sold <sup>2</sup> .....				298,476	
Slaughtered.....				64,081	

<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.

**CROPS.**

**Summary: 1909.**—The next table summarizes the census data relative to all of the farm crops of 1909. 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 \$28,536,000. Of this total, over nine-tenths was contributed by sugar cane. The only other crop with a value of product of over a million dollars was rice; the fruits and nuts, the vegetables, and the coffee produced in 1909 were each valued at over two hundred thousand dollars. No other crop had a value amounting to \$100,000.

The number of farms reporting sugar cane increased from 184 in 1899 to 1,028 in 1909, and the acreage increased from 65,687 to 186,230. The production of sugar cane was 4,240,000 tons in 1909, as compared with 2,239,000 in 1899. The reported value of the crop was \$26,306,000 in 1909, as compared with \$18,763,000 in 1899, but it should be noted in this connection that the value of product for 1909 is that of sugar cane in its original condition, the manufacture of sugar being included in the statistics of manufactures, while in 1899 the manufacture of sugar was treated as an agricultural operation, and the total value of product consisted of \$18,026,000 for sugar

made, \$8,000 for molasses, and only \$729,000 for cane sold as such. The value of the sugar manufactured in Hawaii in 1909 was \$35,950,000.

crop.	Farms reporting.	Aeres harvested.	QUANTITY.		VALUE.	
			Amount.	Unit.	Amount.	Per cent of total.
<b>Total.....</b>					<b>\$28,536,077</b>	<b>100.0</b>
Grains and seeds, total.....		12,838	46,812,528	Lbs..	1,130,350	4.0
Corn.....	522	3,190	4,691,675	Lbs..	53,337	0.2
Rice (paddy).....	503	9,425	41,827,900	Lbs..	1,068,293	3.7
Dry edible beans.....	171	169	211,471	Lbs..	5,564	(1)
Soy beans.....	9	20	37,535	Lbs..	1,277	(1)
Dry peas.....	21	14	8,875	Lbs..	201	(1)
Peanuts.....	42	20	35,070	Lbs..	1,684	(1)
Coarse forage.....	87	503	6,166	Tons.	41,300	0.1
Sugar cane grown.....	1,028	186,230	4,240,238	Tons.	26,305,747	92.2
Coffee (cherry).....	709	3,727	9,834,020	Lbs..	213,085	0.7
Cotton.....	5	37	5,500	Lbs..	1,291	(1)
Tobacco.....	20	48	80,475	Lbs..	18,326	0.1
Sisal.....	9		9,025,000	Lbs..	9,025	(1)
Rubber.....	14		6	Lbs..	12	(1)
Starch.....	2		3	Bags.	14	(1)
Potatoes.....	322	353	973,205	Lbs..	15,280	0.1
Sweet potatoes and yams.....	373	270	1,210,389	Lbs..	12,791	(1)
Other vegetables.....	1,199	1,013			321,897	1.1
Flowers and plants.....	1	3			3,045	(1)
Strawberries.....	29	20	31,952	Qts..	2,366	(1)
Other fruits and nuts.....					400,500	1.6

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

**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 to temporarily favorable or unfavorable climatic conditions.

The total value of tropical fruits produced in Hawaii in 1909 was \$453,000, of which the value of pineapples formed more than two-thirds, and the value of bananas most of the remainder. The total value of grapes produced in 1909 was \$4,579, that of nuts \$2,522, and that of orchard fruits only \$621.

CROP.	TREES, PLANTS, OR VINES OF BEARING AGE, 1910		TREES, PLANTS, OR VINES NOT OF BEARING AGE, 1910		PRODUCT.			CROP.	TREES, PLANTS, OR VINES OF BEARING AGE, 1910		TREES, PLANTS, OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms re- port- ing.	Number.	Farms re- port- ing.	Number.	Quan- tity.	Value.	Quan- tity.		Farms re- port- ing.	Number.	Farms re- port- ing.	Number.	Quan- tity.	Value.	Quan- tity.
<b>Orchard fruits, total</b> .....		18,869		18,314	\$ 356	\$621	\$ 1,046	<b>Tropical fruits, total</b> .....		23,537,431		12,169,447	\$ 453,000	\$ 453,000	\$ 1,411,653
Apples.....	19	572	13	116	12	12	26	Avocado.....	423	3,373	466	5,982	\$ 63,247	1,749	(*)
Peaches and nes- tarines.....	301	5,416	109	6,086	344	809	1,020	Bananas.....	653	261,691	232	74,565	\$ 323,000	103,400	\$ 141,653
								Bread fruit.....	159	4,433	25	201	\$ 829	425	(*)
								Figs.....	362	2,139	124	815	\$ 14,686	796	\$ 21,440
<b>Grapes</b> .....	310	46,992	92	41,923	\$ 229,842	4,579	\$ 29,310	Lemons.....	154	575	133	725	18,821	128	10,102
								Limes.....	367	6,128	149	2,485	18,956	1,217	10,1536
								Mangoes.....	273	2,724	99	493	10,265	2,356	(*)
								Oranges.....	596	4,690	518	5,964	40,502	4,252	10,308
<b>Nuts* (coco- nuts).....</b>	128	39,777	103	36,645	\$ 136,897	2,522	\$ 6,350	Papaya.....	595	38,045	114	5,728	\$ 22,078	6,161	(*)
								Pineapples.....	319	21,267,629	208	12,031,003	\$ 12,361,665	331,162	\$ 116,560
								Pomegranates.....	42	173	17	184	10,931	199	101
								Unclassified.....	16	5,839	20	42,762	\$ 26,910	849	\$ 2,363,040

\* Includes small number of pear, plum and prune, cherry, apricot, and mulberry trees, with no product reported.  
 † Bushels.  
 ‡ Pounds.  
 § Small number of pecan, almond, walnut, and other nut trees not of bearing age were reported, but are not included.  
 \* Number.

\* Included with "unclassified."  
 † Bunches.  
 ‡ Bags.  
 § No report.  
 † Boxes.

COUNTY TABLES.

*County boundaries.*—Hawaii consists of the island of Hawaii; Honolulu consists of the island of Oahu, including the city of Honolulu and Midway Island; Kalawao consists of the leper settlement on the island of Molokai (area was 7,040 acres); Kauai consists of the islands of Kauai and Niihau; Maui consists of the islands of Maui, Lanai, and Kahoolawe and the island of Molokai exclusive of the leper settlement.

Tables 1 to 4, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, color of farmers, number of farms classified by size, 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 statistics pertaining to the products of live stock on farms (dairy products, poultry and eggs, honey and wax, and wool); also the number and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 3 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 4 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.

AGRICULTURE—HAWAII.

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

[Comparative data for June 1, 1900, for the territory as a whole are given in italics. Changes in county boundaries between 1900 and 1910 were so numerous and extensive that it is impracticable to make any comparison for the counties.]

	THE TERRITORY.	Hawaii.	Honolulu.	Kalawao.	Kauai.	Maul.	
1	Population.....	191,909	55,382	82,028	785	23,952	29,702
2	Population in 1900.....	<i>154,001</i>	<i>48,843</i>	<i>68,504</i>	<i>1,177</i>	<i>20,734</i>	<i>29,743</i>
3	Number of all farms.....	4,320	2,226	874	3	452	765
4	Number of all farms in 1900.....	<i>2,273</i>					
5	Color of farmers:						
6	White.....	753	350	111	1	113	173
7	Negro and other nonwhite.....	3,567	1,876	763	2	339	587
8	Number of farms, classified by size:						
9	Under 20 acres.....	3,207	1,723	640	2	379	517
10	20 to 49 acres.....	520	247	105		25	143
11	50 to 99 acres.....	100	106	31		15	38
12	100 to 174 acres.....	100	45	32		9	20
13	175 to 499 acres.....	80	37	24		7	12
14	500 to 999 acres.....	34	14	7		2	11
15	1,000 acres and over.....	123	54	29	1	15	24
LAND AND FARM AREA							
16	Approximate area..... acres.....	4,127,360	2,509,600	384,000	7,040	410,240	750,480
17	Land in farms..... acres.....	2,500,000	1,406,061	250,021	6,464	309,014	522,440
18	Land in farms in 1900..... acres.....	<i>2,609,613</i>					
19	Improved land in farms..... acres.....	305,053	130,033	64,550	24	46,081	57,456
20	Improved land in farms in 1900..... acres.....	<i>294,545</i>					
21	Woodland in farms..... acres.....	596,304	301,400	47,049		114,214	73,581
22	Other unimproved land in farms..... acres.....	1,689,243	997,668	145,013	6,440	148,719	301,403
23	Per cent of land area in farms.....	62.8	58.2	66.8	91.8	75.3	69.1
24	Per cent of farm land improved.....	11.8	9.2	25.2	0.4	14.9	11.0
25	Average acres per farm.....	699.7	672.1	293.6	2,154.7	683.7	682.9
26	Average improved acres per farm.....	70.6	61.5	73.9	8.0	101.9	75.1
VALUE OF FARM PROPERTY							
27	All farm property..... dollars.....	96,363,229	27,015,005	31,354,152	66,400	14,086,165	22,941,378
28	All farm property in 1900..... dollars.....	<i>74,084,933</i>					
29	Per cent increase, 1900-1910.....	30.1					
30	Land..... dollars.....	78,132,945	22,028,613	24,880,091	36,400	12,133,943	18,153,898
31	Buildings..... dollars.....	56,484,061	1,642,794	1,706,407	8,100	624,934	750,621
32	Buildings in 1900..... dollars.....	<i>4,798,750</i>					
33	Implements and machinery..... dollars.....	3,545,305	1,203,379	3,823,957	4,675	823,827	3,168,490
34	Implements, etc., in 1900..... dollars.....	<i>9,024,328</i>					
35	Domestic animals, poultry, and bees..... dollars.....	11,484,800	2,140,279	883,097	17,294	603,461	862,460
36	Domestic animals, poultry, and bees in 1900..... dollars.....	<i>4,407,200</i>					
37	Per cent of value of all property in—						
38	Land.....	81.1	82.1	79.4	54.8	86.1	79.1
39	Buildings.....	5.0	5.9	5.6	12.2	4.4	3.3
40	Implements and machinery.....	9.4	4.3	12.2	7.0	5.8	13.8
41	Domestic animals, poultry, and bees.....	4.6	7.7	2.8	26.0	3.6	3.8
42	Average values:						
43	All property per farm..... dollars.....	22,300	12,540	35,874	22,156	31,164	29,089
44	Land and buildings per farm..... dollars.....	19,197	11,038	30,488	14,533	28,228	24,720
45	Land per acre..... dollars.....	30.10	15.33	96.95	5.63	39.27	34.75
46	Land per acre in 1900..... dollars.....	<i>31.04</i>					
DOMESTIC ANIMALS (farms and ranges)							
47	Farms reporting domestic animals.....	2,025	1,301	713	1	373	537
48	Value of domestic animals..... dollars.....	4,202,945	2,122,624	833,848	17,294	474,089	845,000
49	Cattle:						
50	Total number.....	145,029	81,891	20,237	875	10,124	31,902
51	Dairy cows.....	6,861	2,250	2,257		378	1,976
52	Other cows.....	66,881	41,826	8,058	325	3,717	12,055
53	Yearling heifers.....	15,500	8,733	2,130	140	1,178	3,313
54	Calves.....	8,582	3,062	2,134	70	487	2,829
55	Yearling steers and bulls.....	13,843	7,913	1,540	140	1,080	3,170
56	Other steers and bulls.....	33,362	18,107	4,112	200	3,284	7,659
57	Value..... dollars.....	2,279,026	1,200,022	445,374	15,450	160,490	457,084
58	Horses:						
59	Total number.....	15,850	7,845	2,691	20	2,358	2,936
60	Mature horses.....	14,152	6,917	2,477	21	2,090	2,647
61	Yearling colts.....	1,376	838	135	3	204	196
62	Spring colts.....	328	90	79	2	64	93
63	Value..... dollars.....	786,207	377,598	157,256	920	124,297	120,136
64	Mules:						
65	Total number.....	7,050	4,215	1,259		1,002	1,420
66	Mature mules.....	7,738	4,071	1,224		1,057	1,386
67	Yearling colts.....	186	136	23		1	26
68	Spring colts.....	32	8	12		4	8
69	Value..... dollars.....	918,644	407,191	145,832		132,492	173,129
70	Asses and burros:						
71	Number.....	1,750	1,473	43	55	24	164
72	Value..... dollars.....	19,720	12,783	2,890	165	1,020	2,868
73	Swine:						
74	Total number.....	20,484	3,834	3,448	106	609	7,487
75	Mature hogs.....	10,990	2,310	3,400	63	423	4,734
76	Spring pigs.....	9,494	1,524	4,988	43	180	2,753
77	Value..... dollars.....	136,110	23,260	71,278	759	6,462	34,368
78	Sheep:						
79	Total number.....	76,710	20,197	375		26,261	29,877
80	Rams, ewes, and wethers.....	60,294	15,153	375		21,060	23,706
81	Spring lambs.....	16,416	5,044			5,201	6,171
82	Value..... dollars.....	137,476	38,883	1,893		46,301	50,399
83	Goats:						
84	Number.....	4,451	4,272	40		3	136
85	Value..... dollars.....	3,067	2,788	112		11	156
86	Carabaos (Chinese buffaloes):						
87	Number.....	399	2	258		132	7
88	Value..... dollars.....	12,683	100	9,213		3,020	350
POULTRY AND BEES							
89	Number of poultry of all kinds.....	95,667	17,292	51,468		7,599	10,308
90	Value..... dollars.....	65,310	14,463	33,946		5,182	11,719
91	Number of colonies of bees.....	12,621	1,326	4,332		4,227	2,236
92	Value..... dollars.....	48,945	3,192	15,903		24,190	5,660

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TABLE 2.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

		THE TERRITORY.	Hawaii.	Honolulu.	Kalawao.	Kauai.	Maul.
<b>LIVE STOCK PRODUCTS</b>							
<b>Dairy Products</b>							
1	Dairy cows on farms reporting dairy products.....	number..	4,890	1,682	1,844	218	1,177
2	Dairy cows on farms reporting milk produced.....	number..	4,764	1,487	1,844	213	1,220
3	Milk—Produced.....	gallons..	1,028,090	191,262	693,307	53,075	90,392
4	Sold.....	gallons..	740,184	79,890	591,486	17,125	51,683
5	Cream sold.....	gallons..	5,064	3	5,061		
6	Butter—Produced.....	pounds..	54,133	35,297	5,117	4,150	9,569
7	Sold.....	pounds..	44,713	31,525	2,058	2,550	8,580
8	Value of dairy products, excluding home use of milk and cream.....	dollars..	215,481	31,139	159,084	5,469	19,189
9	Receipts from sale of dairy products.....	dollars..	211,922	29,442	158,501	5,169	18,810
<b>Poultry Products</b>							
10	Poultry—Raised.....	number..	122,117	19,584	71,222	7,475	23,836
11	Sold.....	number..	67,516	5,011	52,914	1,012	8,579
12	Eggs—Produced.....	dozens..	328,224	46,388	216,734	13,634	51,468
13	Sold.....	dozens..	240,408	12,020	185,193	5,822	36,413
14	Value of poultry and eggs produced.....	dollars..	109,330	30,029	105,104	9,139	25,064
15	Receipts from sale of poultry and eggs.....	dollars..	104,933	8,842	80,384	2,488	13,210
<b>Honey and Wax</b>							
16	Honey produced.....	pounds..	999,915	59,572	421,200	274,451	244,692
17	Wax produced.....	pounds..	30,113	1,597	12,975	10,200	5,371
18	Value of honey and wax produced.....	dollars..	41,787	2,359	16,555	11,995	10,908
<b>Wool</b>							
19	Wool, fleeces shorn.....	number..	72,570	33,149	3	21,636	17,782
20	Value of wool produced.....	dollars..	52,414	19,040	2	22,048	11,324
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>							
21	Cattle—Sold or slaughtered.....	number..	1,806	968	500	48	200
22	Other cattle—Sold or slaughtered.....	number..	23,699	12,938	3,093	2,479	5,175
23	Horses, mules, and asses and burros—Sold.....	number..	858	621	103	58	76
24	Pigs—Sold or slaughtered.....	number..	13,203	2,623	6,006	145	4,420
25	Sheep and goats—Sold or slaughtered.....	number..	10,916	6,533	71	1,424	2,888
26	Receipts from sale of animals.....	dollars..	830,809	472,582	122,227	51,575	184,425
27	Value of animals slaughtered.....	dollars..	269,974	47,768	92,070	37,280	31,788

TABLE 3.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

<b>VALUE OF ALL CROPS</b>								
1	Total.....	dollars..	28,535,877	8,151,585	8,494,512	1,743	4,839,080	7,048,777
2	Cereals.....	dollars..	1,121,030	33,676	705,694		320,432	62,428
3	Other grains and seeds.....	dollars..	8,726	4,271	1,185		261	3,000
4	Coarse forage.....	dollars..	41,300	1,700	24,628		5,510	9,402
5	Vegetables.....	dollars..	349,974	77,772	160,150	1,743	43,558	66,751
6	Sugar cane.....	dollars..	20,305,747	7,786,391	7,201,691		4,458,853	6,858,312
7	Coffee.....	dollars..	213,055	202,758	3,995		488	5,844
8	Sisal.....	dollars..	9,025	2,325	6,700			
9	Fruits and nuts.....	dollars..	462,002	24,336	386,869		9,228	42,460
10	All other crops.....	dollars..	23,288	18,276	4,200		750	62
<b>SELECTED CROPS (acres and quantity)</b>								
11	Cereals: Total.....	acres..	12,815	687	5,245		3,661	3,022
12	Total.....	pounds..	46,519,575	1,561,260	27,765,922		12,724,583	4,487,810
13	Corn.....	acres..	3,190	304	22		6	2,798
14	Rice (paddy).....	pounds..	4,691,075	780,380	43,250		8,555	3,850,490
15	Coarse forage.....	acres..	9,425	323	5,223		3,655	224
16	Total.....	pounds..	41,827,900	780,880	27,722,072		12,710,023	908,320
17	Coarse forage.....	acres..	593	35	322		40	106
18	Special crops: Potatoes.....	tons..	6,106	313	3,924		381	1,488
19	Potatoes.....	acres..	353	60	20		18	255
20	Sweet potatoes and yams.....	pounds..	973,205	189,030	66,400		60,085	657,000
21	Sweet potatoes and yams.....	acres..	270	130	59		24	57
22	All other vegetables.....	pounds..	1,210,389	354,034	232,425		112,120	511,810
23	Sugar cane.....	acres..	1,913	641	680	12	230	350
24	Coffee (cherry).....	acres..	186,230	91,816	27,040		34,044	32,730
25	Coffee (cherry).....	tons..	4,240,238	1,431,076	1,079,028		727,454	1,002,680
26	Sisal.....	acres..	3,727	3,501	103		11	112
27	Sisal.....	pounds..	9,834,026	9,746,045	35,506		4,000	48,475
28	Sisal.....	pounds..	9,025,000	2,325,000	6,700,000			
<b>FRUITS AND NUTS</b>								
29	Orchard fruits.....	trees..	5,869	4,400	149		550	770
30	Grapes.....	bushels..	356	293			5	58
31	Grapes.....	vines..	40,992	1,428			2,607	42,183
32	Tropical fruits: Total.....	pounds..	229,643	59,371	2,450		31	167,791
33	Avocado.....	trees and plants..	23,597,461	984,295	20,927,318		189,550	1,496,298
34	Bananas.....	trees..	3,575	1,827	633		209	816
35	Bananas.....	pounds..	63,247	50,244	3,488		6,750	2,765
36	Oranges.....	trees..	261,661	12,878	214,184		7,190	27,480
37	Oranges.....	bunches..	333,069	9,880	301,316		5,175	10,998
38	Papaya.....	trees..	4,090	2,695	585		937	473
39	Papaya.....	boxes..	3,502	2,606	52		476	278
40	Pineapples.....	trees..	38,045	32,835	4,227		781	202
41	Pineapples.....	bags..	22,078	10,312	2,523		235	8
42	Small fruits: Strawberries.....	plants..	23,267,929	919,280	20,793,402		179,657	1,465,690
43	Coconuts.....	number..	12,361,695	700,521	10,954,728		74,900	622,540
44	Nuts: Coconuts.....	acres..	20		18		1	1
45	Coconuts.....	quarts..	31,952	112	28,040		2,000	1,800
46	Coconuts.....	trees..	32,777	10,220	1,672		3,352	17,533
47	Coconuts.....	number..	136,827	34,400	12,710		89,710	3,007

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TABLE 4.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

	THE TERRITORY.	Hawaii.	Honolulu.	Kalawao.	Kauai.	Maul.	
1	Inclusures reporting domestic animals.....	7,154	2,570	1,027	124	1,218	1,615
2	Value of all domestic animals.....dollars..	1,095,474	293,393	470,009	9,848	160,996	161,138
	<b>Cattle:</b>						
3	Total number.....	4,042	1,454	699	5	1,031	853
4	Value.....dollars..	113,227	37,534	31,727	625	27,510	15,831
5	Number of dairy cows.....	1,621	625	358	4	417	217
	<b>Horses:</b>						
6	Total number.....	11,708	4,363	2,978	258	1,825	2,284
7	Value.....dollars..	760,584	208,296	329,558	8,103	107,985	106,042
8	Number of mature horses.....	11,338	4,258	2,943	247	1,690	2,191
	<b>Mules and asses and burros:</b>						
9	Total number.....	2,507	1,283	580	37	142	465
10	Value.....dollars..	145,260	32,195	79,498	1,030	14,154	18,383
11	Number of mature mules.....	1,362	387	531	6	132	306
	<b>Swine:</b>						
12	Total number.....	10,360	2,262	3,588	10	1,091	3,409
13	Value.....dollars..	75,053	15,037	28,795	90	11,240	19,882
	<b>Sheep and goats:</b>						
14	Total number.....	671	248	184	.....	28	211
15	Value.....dollars..	1,350	331	521	.....	98	400





# PORTO RICO.

## FARMS AND FARM PROPERTY.

**Farm data for the territory: 1910.**—The following table summarizes for the territory the more significant facts relating to population and land area, the number

and acreage of farms, and the total value and average value per farm of all farm property and the several classes thereof in 1910:

NUMBER, AREA, AND VALUE OF FARMS.	Number.	NUMBER, AREA, AND VALUE OF FARMS.	Amount.
Population.....	{ 1910 .. 1, 118, 012 1899 .. 953, 243		
Number of all farms.....	58, 371	Value of farm property:	
Approximate area of the territory.....acres..	2, 198, 400	Total.....	\$102, 378, 874
Land in farms.....acres..	2, 085, 162	Land.....	73, 967, 852
Average acres per farm.....	35. 7	Buildings.....	8, 752, 573
Improved land in farms.....acres..	1, 570, 304	Implements and machinery.....	8, 711, 449
Average improved acres per farm.....	26. 9	Domestic animals, poultry, and bees..	10, 947, 000
Per cent of total land area in farms.....	94. 8	Average value per farm:	
Per cent of farm land improved.....	75. 3	All farm property.....	1, 754
		Land.....	1, 267
		Buildings.....	150
		Implements and machinery.....	149
		Domestic animals, poultry, and bees..	188
		Average value of farm land per acre.....	35. 47

Between 1899 and 1910 there was an increase of 164,769, or 17.3 per cent, in the population of Porto Rico. In 1910 the number of farms was 58,371, and the area of farm land was 2,085,162 acres. The improved land in farms was 1,570,304 acres, and the average size of farms 35.7 acres. No comparable data are available for earlier years.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), amounted to \$102,379,000 in 1910. Of this total, \$73,968,000 represented the value of land; \$8,753,000, buildings; \$8,711,000, implements and machinery; and the remainder (\$10,947,000) the different classes of live stock. The average value of all farm property per farm was \$1,754; of land, \$1,267; and of buildings, \$150. The average value of land was \$35.47 per acre.

**Farm tenure: 1910.**—The next table shows, for white and colored farmers combined and for each class separately, the number of farms, the total acreage, improved acreage, and value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively.

Of the 46,779 farms operated by owners, 43,297 were reported as consisting of owned land only, while 3,482 were reported as renting additional land; of the 10,422 tenant farms, 5,744 were operated by share tenants, 4,535 by cash tenants, while 143 were operated on a share-cash basis.

FARMS OPERATED BY—	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.
<b>All farmers.....</b>	<b>58, 371</b>	<b>2, 085, 162</b>	<b>1, 570, 304</b>	<b>\$82, 720, 425</b>
Owners.....	46, 779	1, 457, 345	1, 102, 954	46, 669, 331
Managers.....	1, 170	401, 747	296, 817	27, 808, 511
Tenants.....	10, 422	226, 070	170, 533	8, 152, 583
<b>White.....</b>	<b>44, 521</b>	<b>1, 881, 040</b>	<b>1, 413, 030</b>	<b>77, 158, 969</b>
Owners.....	36, 924	1, 298, 639	980, 880	43, 241, 330
Managers.....	1, 043	382, 367	282, 212	26, 305, 831
Tenants.....	7, 554	200, 034	149, 929	7, 543, 808
<b>Colored.....</b>	<b>13, 850</b>	<b>204, 122</b>	<b>157, 274</b>	<b>5, 561, 456</b>
Owners.....	10, 855	158, 706	122, 065	3, 420, 001
Managers.....	127	19, 380	14, 605	1, 532, 680
Tenants.....	2, 868	26, 036	20, 604	608, 775

The next 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 the percentage of farm land improved, the average acres per farm, and the average value of land and buildings.

It will be seen that, in 1910, 69.9 per cent of all land in farms was in farms operated by their owners, 19.3 per cent in farms operated by managers, and 10.8 per cent in farms operated by tenants.

Of all land in farms operated by white farmers, 69 per cent was in farms operated by their owners, and 10.6 per cent in tenant farms, while of that in farms operated by colored farmers, 77.7 per cent was in farms operated by owners, and 12.8 per cent was in tenant farms.

The average size of farms operated by managers in 1910 (343.4 acres) was about eleven times as great as that of farms operated by owners (31.2 acres), which was in turn considerably larger than that of farms operated by tenants (21.7 acres). The average value of land and buildings per farm ranges from \$782 for tenants to \$23,845 for managers. In 1910 the percentage of farm land improved was highest for farms operated by owners, and lowest for those operated by managers, there being, however, but little difference in the proportions given for the three classes of tenure.

FARMS OPERATED BY—	PER CENT OF TOTAL.				Per cent of farm land improved.	AVERAGE ACRES PER FARM.		AVERAGE VALUE OF LAND AND BUILDINGS.	
	Number of farms.	All land in farms.	Improved land in farms.	Value of land and buildings.		All land.	Improved land.	Per farm.	Per acre.
<b>All farmers.....</b>	100.0	100.0	100.0	100.0	75.3	35.7	26.9	\$1,417	\$39.67
Owners.....	80.1	69.9	70.2	56.4	75.9	31.2	23.6	998	32.02
Managers.....	2.0	19.3	18.9	33.7	73.9	343.4	253.7	23,845	69.44
Tenants.....	17.9	10.8	10.9	9.9	75.4	21.7	16.4	782	30.06
<b>White.....</b>	100.0	100.0	100.0	100.0	75.1	42.2	31.7	1,733	41.02
Owners.....	80.7	69.0	69.4	56.1	75.5	30.1	27.3	1,204	33.30
Managers.....	2.3	20.3	20.0	34.2	73.8	366.6	270.6	25,279	68.95
Tenants.....	17.0	10.6	10.6	9.8	74.9	26.5	19.8	939	37.71
<b>Colored.....</b>	100.0	100.0	100.0	100.0	77.0	14.7	11.4	402	27.25
Owners.....	78.4	77.7	77.6	61.5	76.9	14.6	11.2	315	21.55
Managers.....	0.9	9.5	9.3	27.6	75.4	152.6	115.0	12,068	79.09
Tenants.....	20.7	12.8	13.1	10.9	79.1	9.1	7.2	212	23.38

The average size of farms operated by white farmers in 1910 (42.2 acres) was nearly three times as large as that of farms of colored farmers (14.7 acres). The proportion of land improved was slightly larger for farms of colored farmers than for those of white farmers, being, respectively, 77 and 75.1 per cent of the total acreage in each class of farms.

**Farm mortgages: 1910.**—The agricultural schedules of the Thirteenth Census (1910) collected data relating to mortgage debt on farms, the basis being "owned farms."

The next table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; and (2) the number reported as mortgaged.

In 1910 the total number of farms owned in whole or in part by the operators was 46,779. Of this number, 44,398 were reported as free from mortgage and 2,381 were reported as mortgaged.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who owned all of their land and reported the amount as well as the fact of indebtedness.

In certain municipalities the reported mortgage debt is higher than the reported value of farms. These are sections of the territory which were heavily

mortgaged before the American occupation and where land on account of the prosperity of the coffee industry was valued at a very high rate. There has since been a great depreciation in the value of land in these districts due in part to the coffee crop having become much less profitable under the new régime, and more particularly to the disastrous effects of the hurricane which devastated that section of the territory in 1899.

	Number or amount.
<b>Owned farms: 1</b>	
Total.....	46,779
Free from mortgage.....	44,398
Per cent of total.....	94.9
Mortgaged.....	2,381
Per cent of total.....	5.1
<b>Mortgaged farms: 2</b>	
Number.....	2,036
Value—Land and buildings.....	\$8,130,330
Amount of mortgage debt.....	\$2,835,223
Per cent of debt to value.....	34.9
<b>Average per farm:</b>	
Value.....	\$3,993
Debt.....	\$1,393
Equity.....	\$2,601

1 Includes all farms owned in whole or in part by operator.  
2 Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.

Of the 2,381 farms reported as mortgaged, 2,041 were wholly owned by the farmers, and for 2,036 of these the amount of mortgage debt was reported. Only these last-mentioned farms are included in the preceding table. The average debt of mortgaged farms was \$1,393 and the average value \$3,993, leaving the average equity \$2,601 per farm. The debt represented 34.9 per cent of the value of the land and buildings mortgaged.

**Farms by size groups: 1910.**—The following table shows the number of farms, the total and improved acreage, and the value of land and buildings, by size groups, for 1910:

SIZE GROUP.	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.
<b>Total.....</b>	<b>58,371</b>	<b>2,085,162</b>	<b>1,570,304</b>	<b>\$82,720,425</b>
Under 5 acres.....	20,650	48,142	44,828	1,780,117
5 to 9 acres.....	11,309	75,029	64,639	2,186,988
10 to 19 acres.....	10,045	134,751	110,524	3,546,109
20 to 49 acres.....	8,872	268,234	210,282	6,823,762
50 to 99 acres.....	3,728	250,691	191,837	6,900,211
100 to 174 acres.....	1,726	221,306	165,629	6,767,333
175 to 499 acres.....	1,502	424,039	308,125	15,728,603
500 to 999 acres.....	332	219,608	152,368	9,258,962
1,000 acres and over.....	207	443,362	322,072	29,719,335

The next table shows the per cent distribution, by size groups, of the items in the preceding table, and also the percentage of farm land improved, the average acres per farm, and the average value of land and buildings.

Of the total farm acreage of the territory in 1910, 21.3 per cent was in farms of 1,000 acres and over, and 20.3 per cent in farms of 175 to 499 acres, these two being from the standpoint of aggregate acreage the most important size groups.

SIZE GROUP (ACRES).	PER CENT OF TOTAL.				Per cent of farm land improved.	AVERAGE ACRES PER FARM.		AVERAGE VALUE OF LAND AND BUILDINGS.	
	Number of farms.	All land in farms.	Im-proved land in farms.	Value of land and build-ings.		All land.	Im-proved land.	Per farm.	Per acre.
Total.....	100.0	100.0	100.0	100.0	75.3	35.7	26.9	\$1,417	\$39.67
Under 5.....	35.4	2.3	2.9	2.2	93.1	2.3	2.2	86	36.98
5 to 9.....	19.4	3.6	4.1	2.6	86.2	6.6	5.7	103	29.15
10 to 19.....	17.2	6.5	7.0	4.3	82.0	13.4	11.0	353	26.32
20 to 49.....	15.2	12.9	13.4	8.2	78.4	30.2	23.7	709	25.44
50 to 99.....	6.4	12.0	12.2	8.4	76.5	67.2	51.5	1,853	27.50
100 to 174.....	3.0	10.6	10.5	8.2	74.8	128.2	96.0	3,921	30.58
175 to 499.....	2.6	20.3	19.6	10.0	72.7	282.3	205.1	10,472	37.09
500 to 999.....	0.6	10.5	9.7	11.2	69.4	661.5	468.9	27,888	42.16
1,000 and over..	0.4	21.3	20.5	35.9	72.6	2,141.8	1,555.9	143,572	67.03

In general, as shown by the preceding table, the percentage of farm land improved diminishes as the 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 is greater for farms of under 5 acres than for those in any size group under 175 acres; in farms of 175 to 499 acres and of 500 to 999 acres, however, the average value per acre is greater than in smaller farms, and in farms of 1,000 acres and over it is much greater than in farms of any other size group.

DOMESTIC ANIMALS, POULTRY, AND BEES.

Domestic animals on farms: 1910.—The following table summarizes the statistics of domestic animals on farms for the territory, 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.		
	Num-ber.	Per cent of all farms.	Num-ber.	Value.	Average value.
Total.....	48,521	83.1	.....	\$10,657,205	.....
<b>Cattle</b> .....	30,647	52.5	313,886	8,303,101	\$26.45
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	23,006	41.1	62,298	2,067,490	33.19
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	13,513	23.2	40,771	1,213,015	24.37
Heifers born in 1909.....	15,075	25.8	39,331	500,554	12.73
Calves born after Jan. 1, 1910.....	16,930	20.0	39,252	227,181	5.79
Steers and bulls born in 1909.....	8,367	14.3	25,207	390,776	15.45
Steers and bulls born before Jan. 1, 1909.....	0,736	16.7	97,937	3,904,070	39.86
<b>Horses</b> .....	24,367	41.7	55,225	1,708,055	30.89
Mares, stallions, and geldings born before Jan. 1, 1909.....	23,591	40.4	46,026	1,561,887	33.93
Colts born in 1909.....	5,080	8.7	6,921	122,224	17.66
Colts born after Jan. 1, 1910.....	1,710	2.0	2,278	21,944	9.63
<b>Mules</b> .....	912	1.6	4,569	303,084	66.33
Mules born before Jan. 1, 1909.....	878	1.5	4,268	297,088	69.61
Mule colts born in 1909.....	67	0.1	173	4,272	24.60
Mule colts born after Jan. 1, 1910.....	37	0.1	128	1,724	13.47
<b>Asses and burros</b> .....	485	0.8	985	18,358	18.64
<b>Swine</b> .....	33,247	57.0	103,041	248,805	2.42
Hogs and pigs born before Jan. 1, 1910.....	28,547	48.9	56,844	200,503	3.53
Pigs born after Jan. 1, 1910.....	14,389	24.7	46,197	48,402	1.05
<b>Sheep</b> .....	866	1.5	5,525	9,692	1.75
Ewes born before Jan. 1, 1910.....	598	1.0	3,434	6,803	2.01
Rams and wethers born before Jan. 1, 1910.....	237	0.4	802	1,389	1.73
Lambs born after Jan. 1, 1910.....	396	0.7	1,280	1,410	1.09
<b>Goats</b> .....	17,717	30.4	45,982	68,010	1.48

The total value of live stock on farms, including domestic animals, poultry, and bees in 1910 was \$10,947,000, of which domestic animals contributed

\$10,657,000. The value of cattle represented 75.8 per cent of the total value of live stock; that of horses and mules, 18.4 per cent; that of swine, 2.3 per cent; that of goats, 0.6 per cent, and that of poultry, 2.4 per cent, the other classes being insignificant.

Of the total number of farms enumerated, 48,521, or 83.1 per cent, reported domestic animals of some kind, the number without any domestic animals being 9,850.

Of all the farms in the territory, 52.5 per cent reported cattle, 41.1 per cent reported "dairy cows," and 23.2 per cent "other cows." The farms reporting "dairy cows" showed an average of nearly three per farm.

Horses were reported by 41.7 per cent of all the farms in the territory, but only 8.7 per cent reported colts born in 1909 and only 2.9 per cent reported spring colts. The average value of mature horses was reported at \$33.93. Less than two farmers in every hundred reported mules. The average value of mature mules was nearly double that of horses.

Of all farms, 57 per cent reported swine, the average number being over 3 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," was \$3.53, while that of spring pigs was about one-third as much.

Sheep and lambs were reported from only 866 farms, or 1.5 per cent of all the farms in the territory. Of these 866 farms, 45.7 per cent reported spring lambs, the number of the latter being 37.5 per cent of the number of ewes. The average flock in the territory, including all classes, was about 7 sheep, and the average number of ewes was about 6 per farm reporting that class.

Goats were reported from 17,717 farms, or 30.4 per cent of all farms in Porto Rico.

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

The number of fowls on Porto Rico farms in 1910 was 669,000, valued at \$260,000. The number of farms reporting poultry was 44,908, or 76.9 per cent

of all farms in the territory, the average number of fowls per farm reporting being 15. Of the farms reporting poultry, all but 307 reported chickens, the total number of the latter being 599,000 and their value \$228,000. This value is nearly nine-tenths (87.6 per cent) of the value of all fowls.

KIND.	FARMS REPORTING.		Number of fowls.	Value.
	Number.	Per cent of all farms.		
Total.....	44,908	78.9	668,520	\$259,967
Chickens.....	44,601	78.4	599,070	227,833
Turkeys.....	4,224	7.2	14,305	13,651
Ducks.....	2,106	3.6	8,496	4,122
Geese.....	253	0.4	1,015	1,155
Guinea fowls.....	4,146	7.1	23,866	9,437
Pigeons.....	1,320	2.3	21,768	3,769

**Bees on farms: 1910.**—The number of farms reporting bees in 1910 was 229. The number of colonies of bees was 5,913, and their value \$29,828. The average value per colony was \$5.04 and the average value of bees per farm reporting \$130.25. About four farms in every thousand reported 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 in the next table. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the following table age groups are omitted for the sake of brevity.

Horses are by far the most important class of animals not on farms when value is considered, but the number of goats and of swine is greater than the number of horses.

**LIVE STOCK PRODUCTS.**

The returns for live stock products 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.**—The first table on the next page shows the principal statistics relative to dairy products in 1909.

The number of farms reporting dairy cows on April 15, 1910, was 23,996, but only 20,472 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had

KIND.	Number of Inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	3,236		\$278,058	
All cattle.....	559	1,859	51,576	\$27.74
Dairy cows.....	381	592	24,152	30.80
Horses.....	1,097	2,976	171,773	57.72
Mules.....	18	216	39,715	184.72
Asses and burros.....	4	0	115	19.17
Swine.....	1,446	3,051	8,740	2.80
Sheep.....	17	51	162	3.18
Goats.....	1,387	3,097	5,977	1.93

**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. Age groups are omitted for the sake of brevity.

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....		\$10,935,263		\$10,657,205		\$278,058
All cattle.....	315,745	8,354,677	313,886	8,303,101	1,859	51,576
Dairy cows.....	62,890	2,091,651	62,298	2,067,499	592	24,152
Horses.....	68,201	1,877,828	56,225	1,706,055	2,976	171,773
Mules.....	4,784	342,799	4,569	303,084	215	39,715
Asses and burros.....	991	18,473	985	18,358	6	115
Swine.....	106,092	257,645	103,041	248,005	3,051	8,740
Sheep.....	5,576	9,854	5,525	9,692	51	162
Goats.....	40,079	73,987	45,982	68,010	3,097	5,977

The total value of all domestic animals in the territory in 1910 was \$10,935,000, of which the value of animals not on farms represented only 2.5 per cent, this small proportion being attributable to the predominantly rural character of the population in Porto Rico.

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 20,291 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 55,286. The amount of milk reported was 27,693,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 501 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 sold and of cheese made, whether for home consumption or for sale. The total thus obtained for 1909 was \$722,000, which may be defined as the total value of dairy products exclusive of milk used on the farm producing.

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	23,906	41.1	62,298	Head		
On farms reporting dairy products, 1909..	20,472	35.1	50,130	Head		
On farms reporting milk produced, 1909..	20,201	34.8	55,280	Head		
Specified dairy products, 1909:						
Milk reported.....			27,092,796	Gals.		
Cheese made.....	292	0.5	133,641	Lbs.	\$17,375	\$0.13
Milk sold.....	5,625	9.6	13,096,132	Gals.	704,733	0.05
Cheese sold.....	235	0.4	106,061	Lbs.	13,535	0.13
Total receipts from sales, 1909.....					718,268	
Total value of milk sold and cheese made, 1909.....					722,108	

Nearly one-half of the milk produced in 1909 was sold as such. No production of butter was reported for Porto Rico in 1909, while the cheese made on farms was valued at \$17,375.

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

	FARMS REPORTING.		Number of fowls on hand.	PRODUCT.	
	Number.	Per cent of all farms.		Quantity.	Value.
Fowls on farms April 15, 1910....	44,908	76.9	608,520		
On farms reporting eggs produced in 1909.....	42,133	72.2	641,813		
On other farms.....	2,775	4.8	26,707		
Eggs produced, as reported, 1909.	45,154	77.4		Dozens, 2,420,838	\$378,381
Total production of eggs, 1909 (partly estimated).....				2,533,797	390,037
Eggs sold, as reported, 1909.....	22,780	39.0		1,043,677	168,502
Fowls on farms April 15, 1910:					
On farms reporting poultry raised in 1909.....	42,620	73.0	644,973		
On other farms.....	2,288	3.9	23,547		
Poultry raised, as reported, 1909.	46,252	79.2		No. of fowls, 1,178,423	463,772
Total poultry raised, 1909 (partly estimated).....				1,221,445	480,703
Fowls sold, as reported, 1909....	15,361	27.3		203,841	83,416

The total number of fowls on Porto Rico farms on April 15, 1910, was 669,000. Of the 44,908 farms

reporting fowls, 2,775 did not report any eggs produced in 1909, and 2,288 did not report any poultry raised in 1909. The number of eggs produced in 1909, as actually reported, was 2,421,000 dozen, valued at \$378,000, but the total production of eggs (including estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs) was 2,534,000 dozens, valued at \$396,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 1,221,000 fowls, valued at \$481,000.

**Honey and wax: 1909.**—Although, as noted elsewhere, 229 farms reported 5,913 colonies of bees on hand April 15, 1910, 82 of these farms, with 535 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 281,000 pounds of honey, valued at \$15,853, and 23,442 pounds of wax, valued at \$3,691; the true totals are doubtless somewhat above these figures.

**Sale or slaughter of domestic animals on farms: 1909.**—The following statement presents statistics relating to the sale or slaughter of domestic animals by Porto Rico farmers during the year 1909:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Per cent of all farms.		Total.	Average.
All domestic animals:					
Sold.....				\$969,418	
Slaughtered.....				127,553	
Calves:					
Sold.....	1,719	2.9	7,334	106,750	\$14.50
Slaughtered.....	76	0.1	803	10,193	11.81
Other cattle:					
Sold.....	3,005	5.3	22,012	697,270	30.84
Slaughtered.....	82	0.1	3,509	90,448	25.78
Horses:					
Sold.....	1,597	2.7	2,429	95,134	39.17
Mules:					
Sold.....	52	0.1	245	20,050	81.86
Asses and burros:					
Sold.....	23	(1)	39	658	16.87
Swine:					
Sold.....	3,802	6.5	10,405	45,016	4.38
Slaughtered.....	2,803	4.8	6,485	24,052	3.71
Sheep:					
Sold.....	72	0.1	383	700	2.09
Slaughtered.....	94	0.2	301	611	2.03
Goats:					
Sold.....	760	1.3	1,732	3,135	1.81
Slaughtered.....	820	1.4	1,770	2,240	1.26

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

The total value of animals sold during 1909 was \$969,000, and that of animals slaughtered on farms \$128,000, making an aggregate of \$1,097,000. 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 cattle (including calves) sold during 1909 represented over 80 per cent of the total value of animals sold, and the value of horses and of swine sold constituted most of the remainder.

CROPS.

Summary: 1909.—The following table summarizes the census data relative to the farm crops of 1909:

CROP.	FARMS REPORTING.		Acres har-vested.	QUANTITY.		Value.
	Num-ber.	Per cent of all farms.		Amount.	Unit.	
<b>Value of all crops..</b>						<b>\$25,559,265</b>
Cereals, total.....			73,107	704,009	Bu.	769,012
Corn.....	27,400	40.9	56,040	548,236	Bu.	527,056
Rice.....	8,882	15.2	16,138	154,717	Bu.	230,814
Milo.....	278	0.5	320	1,056	Bu.	1,542
Other grains, total.....			27,713	174,238	Bu.	360,584
Dry edible beans <sup>1</sup> .....	11,003	20.0	20,052	125,453	Bu.	295,970
Dry peas.....	5,070	9.7	6,850	44,101	Bu.	60,190
Peanuts.....	105	0.2	202	4,584	Bu.	4,424
Hay and forage, total.....			15,820	8,323,810	Bdls.	260,003
Malajillo.....	451	0.8	4,775	3,584,592	Bdls.	123,228
Yerba Guineá.....	1,032	1.8	10,324	4,720,025	Bdls.	136,271
Other tame or culti- vated grasses.....	13	(?)	227	18,302	Bdls.	504
Tobacco.....	8,320	14.3	22,142	10,827,755	Lbs.	1,038,092
Coffee.....	25,433	43.6	186,875	52,717,727	Lbs.	5,292,170
Sugar cane, total.....						13,088,812
Cane grown.....	6,816	11.7	145,433	3,180,750	Tons.	12,897,433
Cane sold as such.....	6,200	10.6		3,087,612	Tons.	60,030
Sugar made.....	113	0.2		1,203	Tons.	155,451
Syrup made.....	471	0.8		518,145	Gats	5,848
Molasses made.....	83	0.1		35,073	Gats	1,242,717
All vegetables, total.....	\$38,731	66.4	68,158			28,407
Farms reporting prod- ucts of \$500 or over.....	41	0.1	805			1,214,310
All other farms.....	38,690	66.3	67,263			92,324
Sundry minor crops, total.....						1,977
Achiote.....	231	0.4	107	46,467	Lbs.	35,746
Cotton.....	555	1.0	1,425	630,400	Lbs.	4,609
Ilechondo.....	93	0.2	253	80,000	Lbs.	2,019
Malaguans.....	122	0.2	113	2,693	Doz.	6,237
Motojo.....	99	0.2	1,371			972
Palmas de Yagua.....	89	0.2	90			2,515,542
Fruits and nuts.....						

<sup>1</sup> Frijoles and habichuelas.  
<sup>2</sup> Less than one-tenth of 1 per cent.  
<sup>3</sup> Not including 318 farms which reported vegetable gardens, but no product.  
<sup>4</sup> Includes small amounts of other crops.

The total value of crops in 1909 was \$25,559,000. The general character of Porto Rico agriculture is indicated by the fact that more than one-half (51.2 per cent) of the total value of crops in 1909 was contributed by sugar cane and over one-fifth (20.7 per cent) by coffee. The remainder, representing in value 28.1 per cent of the total, consisted mostly of fruits and nuts, of tobacco, and of vegetables.

SELECTED FARM EXPENSES AND RECEIPTS.

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

EXPENSE.	FARMS REPORTING.		Amount.
	Number.	Per cent of all farms.	
Labor.....	20,703	35.5	\$12,452,357
Feed.....	4,315	7.4	175,921
Fertilizer.....	1,756	3.0	911,412

Of the farmers in Porto Rico, over one-third (35.5 per cent) hired labor, and the total expenditure was \$12,452,000, or an average of \$601.48 per farmer hiring. Of the total amount expended, \$1,056,000 was in the form of rent and board.

The leading crops covered by the preceding table, in the order of their importance as judged by value, are sugar cane, \$13,089,000; coffee, \$5,292,000; vegetables, \$1,243,000; tobacco, \$1,938,000; and corn, \$528,000. It should be noted, however, that tropical fruits, which appear in another table, are more important than vegetables, tobacco, or corn.

Tropical fruits, grapes, and nuts: 1909.—The following table presents data with regard to tropical fruits, grapes, and nuts. The acreage devoted to these products was not ascertained.

CROP.	TREES, PLANTS, OR VINES OF BEARING AGE, 1910		TREES, PLANTS, OR VINES NOT OF BEARING AGE, 1910		PRODUCT, 1909	
	Farms re- port- ing.	Number.	Farms re- port- ing.	Number.	Quantity.	Value.
<b>Tropical fruits, total.....</b>		<b>44,311,083</b>				<b>\$2,293,532</b>
Chinas.....	12,128	520,266	10,037	737,483	<sup>1</sup> 690,710	259,714
Limones cultivados.....	481	9,874	471	13,342	<sup>1</sup> 13,598	2,731
Toronjas.....	275	117,557	308	118,965	<sup>1</sup> 47,013	85,488
Piñas.....	670	15,795,121	590	9,514,380	<sup>1</sup> 437,018	539,855
Cacao.....	470	61,325	(?)	(?)	<sup>3</sup> 117,253	12,700
Plátanos.....	6,310	5,261,073	(?)	(?)	<sup>4</sup> 40,843,470	330,577
Guineos.....	25,590	22,425,201			<sup>6</sup> 10,002,258	996,371
Mangos cultivados.....	4,469	88,785	2,793	128,824	<sup>6</sup> 232,223	42,925
Unclassified.....	3,817	31,881		(?)		17,105
<b>Grapes.....</b>	<b>21</b>	<b>3,597</b>	<b>15</b>	<b>66</b>	<b><sup>2</sup> 2,610</b>	<b>107</b>
<b>Nuts (coconuts).....</b>	<b>5,814</b>	<b>298,316</b>	<b>3,809</b>	<b>228,351</b>	<b><sup>4</sup> 15,567,914</b>	<b>221,003</b>

<sup>1</sup> Boxes. <sup>2</sup> Not reported. <sup>3</sup> Pounds. <sup>4</sup> Number. <sup>5</sup> Bunches.

The total value of tropical fruits in 1909 was \$2,294,000. Guineos (bananas) contributed over two-fifths of this value; piñas (pineapples), plátanos (plantains), and chinas (oranges) most of the remainder. The production of nuts in 1909 consisted entirely of coconuts, numbering 15,568,000 and valued at \$222,000. A small production of uvas (grapes) was reported, amounting to only 2,610 pounds, valued at \$107.

Less than one-twelfth (7.4 per cent) of all the farmers reported expenditure for feed, the total amount reported being \$176,000, or an average of \$40.77 per farm reporting. Three farmers out of every hundred purchased fertilizers, these farmers reporting an expenditure of \$911,000, or an average of \$519.03 per farm reporting.

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, those crops which are ordinarily fed to live stock).

While the total amount expended by Porto Rican farmers for the purchase of feed in 1910 was reported as \$176,000, the total receipts from the sale of feed by those reporting sales amounted to \$327,000.

## MUNICIPALITY TABLES.

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

Table 1 shows the population, number of farms, farm area, value of farm property, and number and value of domestic animals and of poultry and bees, as of April 15, 1910.

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.)

Table 3 gives statistics pertaining to the products of live stock on farms (dairy products, poultry and eggs,

and honey and wax), 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,

	THE TERRITORY.	Adjuntas.	Aguada.	Aguadilla.	AGUAS BUONAS.	Albonito.	Anasco.	Arecibo.	Arroyo.	
1	Population.....	1,118,012	16,954	11,587	21,419	8,292	10,815	14,407	42,429	6,040
2	Population in 1899.....	968,243	19,484	10,581	17,830	7,977	8,566	13,311	36,010	4,367
3	Number of all farms.....	58,371	957	1,357	1,202	608	453	800	2,044	231
4	Color of farmers:									
5	White.....	44,521	901	1,195	1,021	377	395	665	1,570	98
6	Negro and other nonwhite.....	13,850	56	162	181	231	58	135	474	133
7	Number of farms, classified by size:									
8	Under 5 acres.....	20,650	251	600	468	144	115	319	768	132
9	5 to 9 acres.....	11,309	201	314	288	98	67	160	365	32
10	10 to 19 acres.....	10,045	150	256	206	124	96	124	303	21
11	20 to 49 acres.....	8,872	176	140	151	141	80	120	315	18
12	50 to 99 acres.....	3,728	78	28	54	57	42	44	151	12
13	100 to 174 acres.....	1,726	40	10	20	28	27	19	58	6
14	175 to 499 acres.....	1,502	46	8	12	14	23	11	62	4
15	500 to 999 acres.....	332	12		2	2	2	2	13	3
16	1,000 acres and over.....	207	3	1	1		1	1	9	3
<b>LAND AND FARM AREA</b>										
17	Land in farms..... acres.....	2,085,162	44,870	19,126	22,160	18,927	20,320	21,803	79,935	16,607
18	Improved land in farms..... acres.....	1,570,304	28,893	17,528	15,561	14,851	15,784	15,705	48,543	14,193
19	Woodland in farms..... acres.....	201,908	10,363	364	442	3,463	3,619	4,164	16,105	1,791
20	Other unimproved land in farms..... acres.....	222,950	5,644	1,234	6,157	613	926	1,934	15,287	623
21	Per cent of farm land improved.....	75.3	64.3	91.6	70.2	78.5	77.6	72.0	60.7	85.5
22	Average acres per farm.....	35.7	46.9	14.1	18.4	31.1	44.9	27.3	30.1	71.9
23	Average improved acres per farm.....	26.9	30.2	12.0	12.9	24.4	34.8	19.6	23.7	61.4
<b>VALUE OF FARM PROPERTY</b>										
24	All farm property..... dollars.....	102,378,874	2,235,487	1,137,673	789,480	399,920	672,693	1,277,917	5,658,669	1,130,489
25	Land..... dollars.....	73,967,852	1,847,919	702,223	548,610	282,735	424,904	1,098,100	4,055,136	711,693
26	Buildings..... dollars.....	8,752,573	224,104	130,334	78,420	28,181	156,503	98,365	287,058	94,323
27	Implements and machinery..... dollars.....	8,711,440	62,332	195,101	14,255	1,013	8,605	12,928	971,057	201,894
28	Domestic animals, poultry, and bees..... dollars.....	10,947,000	101,132	110,015	148,195	85,041	82,681	68,524	345,418	131,579
29	Per cent of value of all property in—									
30	Land.....	72.3	82.7	61.7	69.5	71.2	63.2	85.9	71.7	62.5
31	Buildings.....	8.5	10.0	11.5	9.9	7.1	23.3	7.7	5.1	8.3
32	Implements and machinery.....	8.5	2.8	17.2	1.8	0.3	1.3	1.0	17.2	17.7
33	Domestic animals, poultry, and bees.....	10.7	4.5	9.7	18.8	21.4	12.3	5.4	6.1	11.5
34	Average values:									
35	All property per farm..... dollars.....	1,754	2,336	838	657	653	1,485	1,597	2,768	4,933
36	Land and buildings per farm..... dollars.....	1,417	2,165	614	522	511	1,283	1,496	2,124	3,499
37	Land per acre..... dollars.....	35.47	41.18	36.72	24.76	14.94	20.90	50.36	50.73	42.86
<b>DOMESTIC ANIMALS (farms and ranges)</b>										
38	Farms reporting domestic animals.....	48,521	634	1,069	992	546	330	519	1,598	179
39	Value of domestic animals..... dollars.....	10,657,205	93,519	107,401	143,933	81,772	80,960	66,847	331,753	130,802
40	Cattle:									
41	Total number.....	313,886	1,520	2,769	4,202	3,362	2,337	1,636	7,720	2,029
42	Dairy cows.....	92,208	405	311	1,078	730	690	341	1,508	380
43	Other cows.....	49,771	288	333	561	581	403	104	906	214
44	Yearling heifers.....	30,331	207	223	553	520	408	245	901	210
45	Calves.....	39,252	298	139	331	520	374	161	812	144
46	Yearling steers and bulls.....	25,297	84	163	429	354	217	79	654	151
47	Other steers and bulls.....	97,937	238	1,695	1,220	653	345	646	2,821	1,818
48	Value..... dollars.....	8,303,101	45,572	87,913	107,032	65,243	46,711	51,638	236,575	114,510
49	Horses:									
50	Total number.....	55,225	656	456	890	484	520	328	2,130	400
51	Mature horses.....	46,026	627	417	793	410	432	285	1,743	357
52	Yearling colts.....	6,921	19	31	79	54	67	38	301	75
53	Spring colts.....	2,278	10	8	28	11	21	5	86	23
54	Value..... dollars.....	1,706,055	29,223	14,631	28,334	12,227	14,577	11,071	74,078	15,065
55	Mules:									
56	Total number.....	4,669	151	6	14	13	128	21	78	12
57	Mature mules.....	4,208	148	5	13	13	127	20	77	12
58	Yearling colts.....	173	3					1	1	
59	Spring colts.....	128		1						
60	Value..... dollars.....	309,084	11,110	445	700	370	18,279	940	7,255	535
61	Asses and burros:									
62	Number.....	985	91	2	11	4	20	4	12	6
63	Value..... dollars.....	18,358	1,410	22	160	71	300	222	310	91
64	Pigs:									
65	Total number.....	103,041	1,594	1,526	2,191	1,248	440	752	3,686	174
66	Mature hogs.....	56,844	877	915	1,180	702	227	583	2,157	114
67	Spring pigs.....	46,197	717	611	1,011	546	213	169	1,529	60
68	Value..... dollars.....	248,905	5,122	3,021	5,554	2,741	831	2,368	10,107	405
69	Sheep:									
70	Total number.....	5,525	7	12	180	4	26	4	274	7
71	Rams, ewes, and wethers.....	4,236	6	8	128		11		232	5
72	Spring lambs.....	1,289	1	4	52		15		42	2
73	Value..... dollars.....	9,002	20	33	305	8	30	4	465	17
74	Goats:									
75	Number.....	45,982	550	905	948	540	193	291	1,082	158
76	Value..... dollars.....	68,010	1,082	1,335	1,848	912	232	604	2,063	230
<b>POULTRY AND BEES</b>										
77	Number of poultry of all kinds.....	668,520	22,641	7,147	12,069	7,607	4,567	4,482	30,878	1,587
78	Value..... dollars.....	259,967	6,984	2,494	4,112	3,280	1,711	1,645	12,597	707
79	Number of colonies of bees.....	5,913	225	81	30		2	6	136	1
80	Value..... dollars.....	29,828	629	120	150		10	32	1,068	10



AGRICULTURE—PORTO RICO.

BY MUNICIPALITIES: APRIL 15, 1910.

	Barcelo- neta.	Barran- quitas.	Barros.	Bayamon.	Cabo Rojo.	Caguas.	Camuy.	Carolina.	Cayey.	Ciales.	Cldra.	Coamo.	Comerio.	Corozal.
1	11,644	10,503	15,028	29,986	19,562	27,160	11,842	15,327	17,711	18,308	10,595	17,120	11,170	12,978
2	9,357	8,103	14,845	19,940	16,154	19,857	10,887	11,905	14,442	18,115	7,552	15,144	8,240	11,508
3	479	647	900	1,235	1,311	892	980	985	653	891	785	902	407	1,084
4	369	565	840	841	1,084	700	377	444	549	800	577	637	343	802
5	110	82	147	394	227	192	109	541	104	85	208	325	64	282
6	147	76	161	367	616	184	372	440	118	263	180	885	44	316
7	100	124	211	291	225	170	180	178	120	149	180	173	73	227
8	87	163	231	223	200	162	152	155	127	151	175	129	88	222
9	74	169	232	207	146	182	164	110	150	143	152	114	97	189
10	30	71	83	77	55	93	60	48	50	84	50	70	56	73
11	22	27	44	29	26	52	28	20	31	42	27	33	32	35
12	15	16	27	28	30	37	23	16	27	51	13	37	15	20
13	3	1	5	12	7	9	0	6	0	8	2	10	1	2
14	1	.....	2	1	6	3	1	3	6	.....	.....	11	1	.....
15	19,173	21,222	39,132	37,735	40,352	44,160	20,054	34,035	37,834	30,850	10,794	54,167	18,013	27,219
16	13,442	17,660	30,457	30,311	30,685	32,409	20,335	20,160	20,506	20,798	10,096	47,808	15,767	24,427
17	2,887	2,880	5,337	4,555	7,715	8,813	3,364	3,594	7,774	3,612	2,635	3,680	1,423	1,005
18	2,844	882	3,338	2,869	1,952	2,938	5,355	1,881	3,464	6,440	1,063	2,580	823	1,787
19	70.1	83.2	77.8	80.3	76.0	73.4	70.0	84.2	70.3	74.8	81.3	88.4	87.5	89.7
20	40.0	32.8	30.3	30.6	30.8	49.5	29.5	35.2	57.9	44.7	25.2	56.3	44.3	25.1
21	28.1	27.3	30.6	24.5	23.4	36.3	20.6	20.6	40.7	33.4	20.5	40.8	88.7	22.5
22	1,310,823	440,871	725,371	1,574,433	2,108,344	2,143,868	1,280,723	1,608,425	1,202,631	1,311,610	426,868	1,451,600	641,332	551,498
23	1,161,772	305,443	571,499	1,127,018	1,047,465	1,324,945	1,000,092	1,263,731	880,843	987,253	303,637	990,171	491,411	348,219
24	68,687	42,580	61,836	155,959	158,061	435,029	105,020	103,990	155,500	160,468	45,965	163,476	55,560	53,306
25	10,945	3,233	5,825	21,943	44,694	72,477	51,638	11,685	14,621	34,411	614	21,066	5,307	10,124
26	60,424	89,615	86,211	269,513	258,124	311,417	132,973	289,013	151,508	120,488	70,652	270,887	89,024	130,750
27	88.6	69.3	78.8	71.6	78.1	61.8	77.5	75.7	73.2	75.3	71.1	68.6	76.0	63.1
28	5.2	9.7	8.5	9.9	7.5	20.3	8.1	6.2	12.0	12.0	10.8	11.3	8.7	9.7
29	0.8	0.7	0.8	1.4	2.1	3.4	4.0	0.7	1.2	2.6	0.1	1.5	0.8	1.8
30	5.3	20.3	11.0	17.1	12.2	14.5	10.3	17.3	12.6	9.2	18.0	18.7	13.9	25.3
31	2,737	681	728	1,275	1,608	2,403	1,308	1,694	1,842	1,472	544	1,500	1,570	509
32	2,569	538	636	1,039	1,377	1,973	1,389	1,389	1,587	1,208	445	1,205	1,344	370
33	60.59	14.39	14.60	20.87	40.83	30.60	34.42	36.40	23.28	24.77	15.34	18.30	27.23	12.70
34	300	591	800	1,118	1,125	794	332	847	530	780	608	686	391	975
35	67,447	85,548	83,255	203,266	250,900	303,095	127,307	280,265	147,925	115,302	73,074	207,362	85,125	134,068
36	1,681	3,313	3,000	9,049	7,955	8,519	3,053	9,667	4,753	3,289	2,630	7,280	3,051	5,526
37	291	866	732	2,166	1,802	1,728	510	1,698	792	744	685	1,117	948	1,173
38	151	587	642	1,601	1,056	1,287	358	1,344	1,066	702	399	1,101	435	1,060
39	163	572	479	1,280	990	937	372	903	684	567	405	852	463	810
40	118	599	552	1,196	905	1,187	290	1,037	831	483	510	840	488	765
41	114	396	267	810	585	519	200	690	498	365	262	1,150	325	675
42	844	293	328	1,996	2,617	2,861	1,341	4,025	852	369	2,220	392	1,023	1,023
43	52,425	64,213	55,294	215,923	213,340	224,378	62,122	250,359	104,249	68,668	55,672	189,626	62,499	108,097
44	446	548	733	1,167	1,056	1,263	833	1,239	874	903	550	1,053	518	705
45	384	467	633	935	849	1,089	766	980	763	787	473	1,497	422	605
46	44	69	70	203	158	141	90	201	74	89	63	273	77	73
47	18	12	24	29	49	33	28	58	37	27	14	183	19	22
48	12,620	15,837	19,124	34,263	30,148	37,871	25,744	29,720	27,046	28,105	13,606	50,902	14,608	13,410
49	3	10	77	47	2	215	85	30	157	181	5	304	62	35
50	3	10	75	46	2	214	84	23	155	175	4	257	62	34
51	.....	.....	2	1	.....	.....	1	5	2	6	1	68	.....	.....
52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	110	440	3,565	4,555	80	33,722	3,580	1,454	13,143	10,410	210	14,020	4,015	1,810
54	1	6	2	14	2	15	7	.....	17	11	3	65	.....	7
55	6	102	40	204	90	227	90	.....	425	110	85	2,023	.....	145
56	537	1,675	1,782	2,503	2,448	2,122	1,027	1,509	794	2,311	1,350	1,725	1,376	2,058
57	373	807	1,003	1,338	1,331	1,006	970	884	470	1,196	630	698	725	1,193
58	164	868	779	1,165	1,117	1,116	657	625	324	1,115	726	1,027	650	865
59	1,491	4,203	4,223	6,801	4,897	5,938	4,439	3,391	2,046	5,756	3,002	3,682	3,433	4,687
60	19	52	16	139	270	62	32	211	77	105	7	108	37	23
61	18	35	12	121	230	55	24	194	64	60	5	85	80	17
62	1	17	4	18	40	7	8	17	13	45	2	22	7	6
63	40	96	44	346	414	97	42	550	150	165	13	199	74	49
64	513	401	626	909	1,067	570	1,338	522	495	1,219	197	645	341	888
65	755	657	935	1,174	1,425	862	1,850	791	860	2,188	286	910	496	870
66	3,954	10,988	9,775	12,936	13,953	18,003	13,540	6,676	8,082	11,333	8,479	11,044	10,185	11,507
67	1,977	4,067	2,937	6,233	7,187	8,312	5,106	2,748	3,642	5,146	3,577	3,525	3,893	5,604
68	.....	.....	4	4	31	5	.....	.....	1	4	2	.....	2	88
69	.....	.....	19	14	87	10	.....	.....	1	40	1	.....	6	87

TABLE 1.—FARMS AND FARM PROPERTY,

	Culebra.	Dorado.	Fajardo.	Guayama.	Guayama- nilla.	Gurabo.	Hatillo.	Humacao.	Isabela.
1 Population.....	1,315	4,885	21,135	17,370	10,354	11,130	10,630	20,678	10,832
2 Population in 1899.....	704	3,804	16,782	12,749	9,640	8,700	10,449	22,916	14,838
3 Number of all farms.....	69	226	712	356	735	475	827	1,705	1,470
4 Color of farmers:									
5 White.....	41	123	580	277	510	326	705	1,044	1,325
6 Negro and other nonwhite.....	28	103	132	79	225	149	122	661	154
7 Number of farms, classified by size:									
8 Under 5 acres.....	9	127	225	59	331	125	241	661	562
9 5 to 9 acres.....	9	31	151	64	122	111	152	380	321
10 10 to 19 acres.....	11	15	134	54	103	87	160	272	245
11 20 to 49 acres.....	20	25	100	73	95	105	144	240	229
12 50 to 99 acres.....	5	8	42	32	40	20	82	80	67
13 100 to 174 acres.....	5	3	26	28	19	10	23	25	28
14 175 to 499 acres.....	2	10	19	29	18	5	20	26	22
15 500 to 999 acres.....	1	3	4	8	5	1	5	10	4
16 1,000 acres and over.....	1	4	11	11	2	2	.....	2	1
<b>LAND AND FARM AREA</b>									
17 Land in farms..... acres..	4,206	13,208	40,350	37,096	28,523	13,355	24,852	42,470	31,438
18 Improved land in farms..... acres..	2,934	7,035	29,874	29,294	17,998	12,117	18,167	37,540	20,890
19 Woodland in farms..... acres..	1,068	4,470	8,975	7,565	5,204	581	3,158	2,617	1,316
20 Other unimproved land in farms..... acres..	204	803	1,501	1,137	5,321	657	3,527	2,313	9,220
21 Per cent of farm land improved.....	69.8	60.1	74.0	77.1	63.1	90.7	73.1	88.4	66.5
22 Average acres per farm.....	61.0	58.4	56.7	106.7	38.8	28.1	30.0	24.9	21.3
23 Average improved acres per farm.....	42.5	35.1	42.0	82.3	24.5	25.5	22.0	22.0	14.1
<b>VALUE OF FARM PROPERTY</b>									
24 All farm property..... dollars..	137,362	947,493	2,116,132	2,096,777	1,100,083	518,805	882,428	2,575,223	891,983
25 Land..... dollars..	78,163	652,634	1,095,229	1,062,192	835,484	363,841	678,823	1,623,023	600,332
26 Buildings..... dollars..	20,786	81,021	91,382	90,770	102,975	32,532	61,146	151,311	123,582
27 Implements and machinery..... dollars..	1,229	142,211	36,951	33,112	102,467	6,235	8,506	434,743	22,553
28 Domestic animals, poultry, and bees..... dollars..	37,184	70,727	202,570	304,694	129,067	116,197	133,953	360,146	145,516
29 Per cent of value of all property in—									
30 Land.....	56.9	68.9	80.1	70.3	71.4	70.1	76.9	63.0	67.3
31 Buildings.....	15.1	8.6	4.3	4.0	8.8	6.3	6.9	5.9	13.9
32 Implements and machinery.....	0.9	15.0	1.7	1.6	8.8	1.2	1.0	16.9	2.5
33 Domestic animals, poultry, and bees.....	27.1	7.5	13.8	14.5	11.0	22.4	15.2	14.2	16.3
34 Average values:									
35 All property per farm..... dollars..	1,991	4,192	2,972	5,890	1,592	1,092	1,067	1,510	603
36 Land and buildings per farm..... dollars..	1,434	3,250	2,500	4,041	1,277	834	895	1,041	489
37 Land per acre..... dollars..	18.58	49.41	42.01	43.75	20.29	27.24	27.31	38.22	19.10
<b>DOMESTIC ANIMALS (farms and ranges)</b>									
38 Farms reporting domestic animals.....	69	161	620	304	646	445	750	1,577	1,146
39 Value of domestic animals..... dollars..	36,740	69,888	200,111	301,788	125,883	113,605	120,969	359,600	140,428
40 Cattle:									
41 Total number.....	1,621	2,194	8,300	8,441	3,485	4,272	3,711	12,309	3,064
42 Dairy cows.....	188	592	1,064	1,534	588	1,005	1,048	2,441	836
43 Other cows.....	463	325	1,075	1,527	487	633	479	2,130	484
44 Yearling heifers.....	238	250	693	731	424	547	583	1,882	593
45 Calves.....	274	233	840	582	350	540	570	1,727	420
46 Yearling steers and bulls.....	230	111	414	528	266	388	365	785	311
47 Other steers and bulls.....	238	683	4,304	3,630	1,320	1,159	666	3,344	1,311
48 Value..... dollars..	30,207	56,944	254,887	251,860	97,059	98,270	98,098	207,591	100,412
49 Horses:									
50 Total number.....	291	293	1,032	1,403	654	575	804	1,698	628
51 Mature horses.....	197	237	897	1,117	549	463	688	1,380	738
52 Yearling colts.....	59	48	95	212	85	81	133	260	142
53 Spring colts.....	35	18	40	74	20	31	43	58	48
54 Value..... dollars..	5,775	10,006	31,977	42,410	21,024	13,156	26,422	47,971	20,136
55 Mules:									
56 Total number.....	7	10	4	85	51	2	8	37	2
57 Mature mules.....	3	10	4	60	49	2	6	37	1
58 Yearling colts.....	4	.....	.....	12	1	.....	2	.....	1
59 Spring colts.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60 Value..... dollars..	165	1,695	215	3,745	2,743	120	401	6,450	32
61 Asses and burros:									
62 Number.....	8	2	13	18	8	0	8	7	4
63 Value..... dollars..	70	100	210	290	71	107	145	60	32
64 Swine:									
65 Total number.....	147	217	740	893	1,801	710	1,082	2,975	2,880
66 Mature hogs.....	51	122	449	568	1,007	414	674	1,796	1,525
67 Spring pigs.....	96	95	300	325	794	296	408	1,209	1,354
68 Value..... dollars..	328	513	1,071	2,343	3,428	1,649	3,305	6,052	8,494
69 Sheep:									
70 Total number.....	70	12	50	172	4	57	27	90	88
71 Rams, ewes, and wethers.....	50	10	38	141	4	40	16	51	53
72 Spring lambs.....	20	2	12	31	.....	17	11	39	30
73 Value..... dollars..	130	16	74	277	4	82	45	175	160
74 Goats:									
75 Number.....	53	93	607	590	714	194	934	1,153	1,106
76 Value..... dollars..	71	114	777	863	954	212	1,553	1,301	2,153
<b>POULTRY AND BEES</b>									
77 Number of poultry of all kinds.....	938	2,278	4,826	7,775	8,863	5,698	9,786	14,482	10,565
78 Value..... dollars..	438	839	2,345	2,000	3,153	2,592	3,884	6,446	5,085
79 Number of colonies of bees.....	.....	.....	38	.....	7	.....	10	1	3
80 Value..... dollars..	.....	.....	114	.....	21	.....	100	10	3

AGRICULTURE—PORTO RICO.

BY MUNICIPALITIES: APRIL 15, 1910—Continued.

	Juana Diaz.	Juncos.	Lajas.	Lares.	Las Marias.	Loiza.	Manati.	Maricao.	Maunabo.	Mayaguez.	Moca.	Morovis.	Naguabo.	Naranjito.
1	29,157	11,602	11,071	22,650	10,046	13,317	17,240	7,158	7,100	42,429	13,040	12,446	14,305	8,876
2	27,896	8,429	8,789	20,883	11,279	12,522	15,989	8,512	6,221	38,915	12,410	11,300	10,875	8,101
3	1,460	480	650	1,360	575	954	821	216	352	1,084	1,291	841	541	935
4	1,057	378	560	1,390	512	410	533	107	152	1,435	1,152	721	422	811
5	403	102	90	51	63	535	288	49	200	249	130	120	110	124
6	546	185	301	472	145	534	331	32	84	707	376	295	120	407
7	282	88	121	272	115	109	153	26	87	329	319	133	123	170
8	251	76	73	255	91	132	100	38	77	230	264	161	93	136
9	101	78	60	193	97	94	120	28	58	189	232	132	101	135
10	98	26	20	78	40	36	50	21	20	66	63	72	40	60
11	41	8	20	35	37	21	26	26	11	44	25	27	17	17
12	38	10	20	40	36	19	27	36	4	35	9	15	18	10
13	8	5	10	9	7	9	1	7	1	12	1	3	8	10
14	5	4	7	3	1	-----	4	2	1	3	2	3	3	-----
15	60,250	23,461	32,220	42,007	28,419	21,800	20,087	23,896	10,344	44,740	26,310	25,050	26,028	16,811
16	42,081	20,456	27,095	32,147	20,010	14,577	20,080	17,155	4,560	37,528	16,970	21,814	20,642	15,082
17	10,245	1,598	3,530	3,749	7,078	4,020	4,152	4,810	2,222	4,946	1,558	1,603	3,798	732
18	7,924	1,407	905	6,711	1,331	3,203	4,855	1,925	3,562	2,266	7,782	2,270	2,188	907
19	60.8	87.2	86.0	75.5	70.4	66.9	69.0	71.8	44.1	83.9	64.5	85.0	77.5	80.7
20	41.3	48.9	49.6	31.3	49.4	22.9	35.4	110.6	29.4	26.6	20.4	30.5	49.2	18.0
21	28.8	42.6	42.6	23.6	34.8	15.3	24.5	79.4	13.0	22.3	13.2	25.9	38.2	16.1
22	3,905,053	1,381,555	1,405,108	1,770,578	1,360,662	1,218,576	1,879,337	1,177,560	292,819	3,355,533	672,014	905,504	1,209,125	403,938
23	2,572,753	1,123,217	970,521	1,387,590	1,087,501	581,772	1,209,261	906,470	194,060	2,434,673	404,022	685,475	785,957	267,022
24	315,373	93,292	106,062	210,296	109,492	95,016	135,465	192,459	15,221	409,843	60,965	74,562	63,703	34,589
25	737,728	16,516	115,974	47,492	57,400	407,573	329,159	30,951	17,492	336,486	10,535	23,472	177,140	6,218
26	339,799	148,530	212,551	125,200	46,260	134,215	145,452	38,089	60,046	174,531	94,492	142,085	182,325	95,209
27	64.9	81.3	69.1	78.4	79.9	47.7	67.5	77.0	66.3	72.6	73.5	73.5	65.0	66.3
28	8.0	6.8	7.5	11.9	12.5	7.8	7.2	10.3	5.2	12.2	10.0	8.2	5.3	8.6
29	18.6	1.2	8.3	2.7	4.2	33.4	17.5	3.4	6.0	10.0	2.5	2.6	14.7	1.5
30	8.6	10.8	15.1	7.1	3.4	11.0	7.7	3.3	22.0	5.2	14.1	15.7	15.1	23.0
31	2,716	2,878	2,102	1,302	2,306	1,277	2,289	5,452	832	1,993	521	1,077	2,235	432
32	1,978	2,534	1,056	1,175	2,186	700	1,711	5,088	595	1,680	435	880	1,571	324
33	42.70	47.88	30.12	32.57	38.27	26.69	43.04	37.93	18.76	54.42	18.77	25.94	20.52	15.94
34	1,070	435	585	1,032	438	802	687	100	318	1,170	1,094	724	566	847
35	333,985	146,722	209,520	121,104	42,901	131,270	142,140	37,097	65,180	168,168	90,940	130,690	180,550	60,435
36	7,222	4,870	7,862	2,806	587	4,746	4,347	569	2,080	4,060	2,410	4,343	6,005	4,192
37	1,319	851	1,508	739	151	1,000	754	809	415	809	440	943	946	1,145
38	893	894	1,302	510	95	803	858	103	221	517	315	883	915	684
39	714	485	784	446	94	674	574	425	262	425	310	658	668	670
40	921	696	948	372	58	739	494	62	320	403	183	731	748	648
41	441	332	650	297	23	390	352	45	125	176	185	488	271	507
42	2,634	1,612	2,610	442	166	1,041	1,325	142	737	1,730	1,020	440	2,457	538
43	258,379	132,123	184,555	62,900	16,243	102,500	108,053	13,804	54,248	121,200	65,350	100,403	158,823	74,255
44	1,070	407	704	873	393	614	893	243	331	610	569	838	636	520
45	1,348	343	553	785	377	744	732	229	234	874	507	649	534	436
46	219	50	103	72	15	113	90	10	81	30	51	130	79	74
47	109	14	48	10	1	57	35	4	16	6	11	59	23	10
48	55,486	12,783	20,752	31,094	16,200	23,405	24,694	12,217	9,119	37,001	10,900	25,451	18,388	11,806
49	190	-----	8	294	117	17	63	145	3	70	10	72	4	14
50	181	-----	8	285	117	17	63	144	3	68	8	61	4	14
51	4	-----	2	2	-----	-----	-----	1	-----	4	4	7	-----	-----
52	5	-----	7	7	-----	-----	-----	-----	-----	4	4	4	-----	-----
53	11,065	-----	140	15,335	6,100	1,045	4,015	9,185	50	4,093	540	4,630	1,000	660
54	47	1	0	41	35	5	3	25	4	65	8	6	-----	-----
55	767	20	151	535	1,270	85	80	378	40	990	180	38	-----	-----
56	2,791	562	1,507	3,085	685	1,348	802	254	547	1,150	2,005	2,071	837	1,536
57	1,500	333	790	1,682	478	834	571	188	702	1,764	1,040	1,375	415	782
58	1,291	229	708	1,403	207	514	291	66	171	388	1,231	1,031	422	754
59	0,117	1,401	2,842	8,890	2,278	3,407	2,190	992	1,338	3,394	6,105	4,531	2,049	3,205
60	142	43	280	27	6	69	26	5	14	38	119	90	82	87
61	103	20	226	26	4	46	22	5	2	20	100	59	62	80
62	39	17	54	1	2	23	4	-----	12	9	19	31	20	7
63	220	47	390	52	12	110	38	10	24	73	260	154	128	193
64	1,207	348	401	1,191	407	496	954	194	329	740	892	969	155	274
65	1,942	348	699	1,608	792	598	1,276	475	361	1,367	1,455	1,393	162	316
66	16,261	3,820	8,026	13,445	6,561	7,270	6,896	5,346	2,198	16,115	9,744	10,262	3,330	9,573
67	5,769	1,808	3,017	3,529	2,059	2,821	3,230	1,522	806	5,180	2,666	4,395	1,375	4,744
68	16	-----	1	129	391	130	27	20	-----	295	1,228	100	125	6
69	45	-----	5	507	1,249	124	76	100	-----	1,183	880	1,000	400	30

TABLE 1.—FARMS AND FARM PROPERTY, BY

	Patillas.	Penueclas.	Ponce.	Quebra- dillas.	Rincon.	Rio Grando.	Rio Piedras.	Sabana Grande.	Salinas.
1 Population.....	14,448	11,991	63,444	8,152	7,275	13,948	18,880	11,523	11,403
2 Population in 1900.....	11,163	12,129	55,477	7,452	6,041	12,366	15,760	10,660	5,731
3 Number of all farms.....	836	939	1,107	525	601	920	1,151	750	253
4 Color of farmers:									
5 White.....	575	749	902	509	619	499	666	541	165
6 Negro and other nonwhite.....	261	190	205	16	72	421	485	209	88
7 Number of farms, classified by size:									
8 Under 5 acres.....	231	400	343	148	315	420	491	282	121
9 5 to 9 acres.....	174	105	216	103	158	117	202	155	31
10 10 to 19 acres.....	157	138	166	119	119	149	188	121	27
11 20 to 49 acres.....	160	105	168	97	72	126	130	106	29
12 50 to 99 acres.....	64	47	84	28	21	53	70	41	18
13 100 to 174 acres.....	29	22	47	22	4	14	31	14	10
14 175 to 499 acres.....	16	17	50	6	1	10	26	28	8
15 500 to 999 acres.....	2	3	13	1	.....	0	5	3	3
16 1,000 acres and over.....	3	3	14	1	1	4	2	.....	6
<b>LAND AND FARM AREA</b>									
17 Land in farms..... acres.....	28,268	27,258	76,819	13,532	9,268	36,549	32,025	21,053	32,662
18 Improved land in farms..... acres.....	23,720	19,021	53,929	9,286	8,180	24,937	20,401	15,900	27,753
19 Woodland in farms..... acres.....	3,131	5,499	16,657	1,553	336	6,011	4,410	1,786	3,180
20 Other unimproved land in farms..... acres.....	1,417	2,738	6,233	2,693	746	5,601	1,214	3,367	1,759
21 Per cent of farm land improved.....	83.9	69.8	70.2	68.6	88.3	68.2	82.4	75.5	84.9
22 Average acres per farm.....	33.8	20.0	69.4	25.8	13.4	39.7	27.8	28.1	129.2
23 Average improved acres per farm.....	28.4	20.3	48.7	17.7	11.8	27.1	22.0	21.2	109.7
<b>VALUE OF FARM PROPERTY</b>									
24 All farm property..... dollars.....	1,060,940	1,817,567	6,963,182	459,007	411,575	1,599,879	2,060,628	578,115	2,301,536
25 Land..... dollars.....	600,277	1,618,016	5,247,851	318,285	254,482	1,200,069	1,468,733	399,439	1,010,302
26 Buildings..... dollars.....	85,840	90,148	455,955	55,413	36,307	93,166	281,828	69,880	90,083
27 Implements and machinery..... dollars.....	148,926	46,270	661,726	11,057	56,918	9,635	53,065	11,550	105,012
28 Domestic animals, poultry, and bees..... dollars.....	165,897	162,233	567,650	73,352	63,808	207,009	266,002	97,246	186,559
29 Per cent of value of all property in—									
30 Land.....	62.2	83.6	75.4	69.3	61.8	80.6	71.0	69.1	83.0
31 Buildings.....	8.1	5.0	6.5	12.1	8.8	5.8	13.6	12.1	4.3
32 Implements and machinery.....	14.0	2.5	9.9	2.6	13.8	0.6	2.6	2.0	4.6
33 Domestic animals, poultry, and bees.....	15.6	8.9	8.2	16.0	15.5	12.9	12.9	16.8	8.1
34 Average values:									
35 All property per farm..... dollars.....	1,269	1,936	6,200	874	566	1,739	1,798	771	909.7
36 Land and buildings per farm..... dollars.....	892	1,714	5,162	712	421	1,604	1,521	626	794.2
37 Land per acre..... dollars.....	23.36	55.72	68.31	23.52	27.46	35.30	45.86	18.97	58.43
<b>DOMESTIC ANIMALS (farms and ranges)</b>									
38 Farms reporting domestic animals.....	720	747	704	466	581	718	955	602	215
39 Value of domestic animals..... dollars.....	161,270	158,603	555,416	70,469	61,049	204,773	259,940	94,143	184,643
40 Cattle:									
41 Total number.....	4,193	3,238	10,926	2,069	1,722	6,358	8,000	3,390	5,316
42 Dairy cows.....	853	516	1,775	389	264	1,285	1,878	645	679
43 Other cows.....	601	407	1,232	271	266	1,276	1,532	517	610
44 Yearling heifers.....	523	339	945	275	216	675	682	345	675
45 Calves.....	666	356	1,098	210	109	919	1,318	489	350
46 Yearling steers and bulls.....	225	255	540	183	100	440	486	300	333
47 Other steers and bulls.....	1,235	1,365	5,336	741	707	1,763	1,804	1,094	2,283
48 Value..... dollars.....	118,531	115,862	440,364	53,083	50,318	180,422	213,755	70,398	151,891
49 Horses:									
50 Total number.....	1,156	678	1,900	459	249	787	1,036	510	890
51 Mature horses.....	963	593	1,678	375	227	658	898	410	636
52 Yearling colts.....	153	78	146	74	18	94	104	77	152
53 Spring colts.....	40	12	76	10	4	35	34	23	102
54 Value..... dollars.....	34,374	19,720	87,308	13,860	7,986	19,426	37,211	13,431	28,460
55 Mules:									
56 Total number.....	24	415	288	40	.....	31	32	11	22
57 Mature mules.....	23	407	274	10	.....	30	32	11	18
58 Yearling colts.....	1	5	10	.....	.....	1	.....	.....	4
59 Spring colts.....	.....	3	4	.....	.....	.....	.....	.....	.....
60 Value..... dollars.....	2,110	17,725	20,020	510	.....	1,038	4,885	610	990
61 Asses and burros:									
62 Number.....	2	3	124	.....	2	.....	4	12	11
63 Value..... dollars.....	22	70	2,165	.....	35	.....	65	150	141
64 Swine:									
65 Total number.....	1,722	1,846	1,171	794	1,207	997	1,175	1,549	794
66 Mature hogs.....	1,015	938	717	570	667	606	699	783	406
67 Spring pigs.....	707	908	454	224	550	391	476	766	388
68 Value..... dollars.....	4,347	3,799	3,497	1,928	2,329	2,553	3,050	2,605	1,885
69 Sheep:									
70 Total number.....	37	22	224	187	9	70	167	98	255
71 Rams, ewes, and wethers.....	18	6	217	136	6	61	145	67	189
72 Spring lambs.....	19	16	7	51	3	9	22	31	64
73 Value..... dollars.....	74	34	537	250	11	84	266	122	418
74 Goats:									
75 Number.....	1,204	868	825	596	772	241	579	658	499
76 Value..... dollars.....	1,818	1,463	1,519	838	970	350	708	827	858
<b>POULTRY AND BEES</b>									
77 Number of poultry of all kinds.....	10,807	9,300	10,264	7,330	7,895	4,832	12,836	9,443	4,890
78 Value..... dollars.....	4,604	3,537	4,124	2,833	2,167	2,236	6,025	3,095	1,916
79 Number of colonies of bees.....	11	8	1,243	.....	2	.....	10	5	.....
80 Value..... dollars.....	17	33	8,110	.....	2	.....	37	8	.....

AGRICULTURE—PORTO RICO.

MUNICIPALITIES: APRIL 15, 1910—Continued.

	San Geronan.	San Juan.	San Lorenzo.	San Sebastian.	Santa Isabel.	Ton Alta.	Ton Baja.	Trujillo Alto.	Utua.	Vega Alta.	Vega Baja.	Vieques.	Yabucoa.	Yanco.
1	22,143	48,716	14,278	18,004	9,959	9,127	6,254	6,345	41,054	8,134	12,831	10,425	17,338	31,504
2	20,240	32,048	13,453	16,412	4,853	7,908	4,030	5,083	43,800	6,107	10,305	5,988	13,905	27,119
3	1,790	37	1,004	1,357	77	802	172	504	2,443	615	818	113	1,088	1,079
4	1,212	22	616	1,244	27	477	78	258	2,201	434	544	99	630	1,200
5	578	15	388	113	60	325	94	246	242	181	181	14	458	470
6	922	13	214	341	35	339	50	143	599	271	308	17	333	805
7	316	5	209	202	18	105	35	106	450	123	130	20	199	305
8	205	10	233	286	5	132	25	100	469	120	120	22	200	232
9	157	4	203	208	2	98	15	101	484	61	87	21	202	162
10	65	2	85	108	2	30	17	35	215	20	43	6	87	74
11	34	.....	32	45	4	15	6	9	107	8	24	3	34	34
12	23	.....	22	38	6	12	14	10	94	4	21	8	15	55
13	4	2	3	7	2	1	1	.....	14	.....	6	3	5	9
14	4	1	3	2	3	1	3	.....	11	2	4	7	4	4
15	35,317	3,318	33,330	40,007	12,535	10,362	12,578	12,367	108,114	16,016	28,410	31,293	33,279	63,040
16	26,938	2,073	27,299	30,412	11,637	14,608	9,032	11,213	79,665	19,199	20,605	22,809	29,008	41,893
17	3,489	79	3,383	5,824	402	859	2,737	587	18,847	5,446	2,840	6,070	1,331	9,499
18	4,890	1,106	2,048	9,861	496	835	809	567	9,692	1,271	4,800	2,814	2,940	11,657
19	76.3	62.5	81.9	66.0	92.8	89.0	71.8	90.7	73.7	60.3	72.8	72.9	87.2	66.4
20	19.7	89.7	33.2	34.0	162.8	20.4	73.1	24.5	44.3	27.5	34.7	276.9	30.6	37.8
21	15.0	50.0	27.2	22.4	151.1	18.3	52.5	22.2	32.6	16.6	25.3	201.8	20.7	25.1
22	1,620,238	425,896	521,573	1,433,910	1,977,981	633,977	1,010,063	475,405	4,481,837	1,148,170	1,802,095	2,900,212	1,181,587	3,004,924
23	1,234,375	335,641	317,355	1,053,524	1,213,699	415,107	848,432	313,492	3,588,593	682,077	980,081	1,720,839	918,865	2,250,504
24	163,485	50,471	35,279	166,088	105,584	50,503	74,798	41,534	441,131	127,006	80,883	163,956	79,901	274,001
25	52,627	0,130	3,652	63,606	571,906	19,579	15,356	9,303	143,690	257,548	608,085	729,478	12,222	183,837
26	109,751	27,654	104,987	150,692	80,792	142,698	81,079	111,016	308,420	80,570	133,046	270,439	170,539	254,892
27	76.2	78.8	60.8	73.5	61.4	65.5	83.2	65.9	80.1	59.4	54.4	59.6	77.8	75.1
28	10.1	13.3	6.8	11.0	5.3	8.9	7.3	8.7	9.8	11.1	4.5	6.7	6.8	9.1
29	3.2	1.4	0.8	4.4	28.9	3.1	1.5	2.0	3.2	22.4	33.7	25.2	1.0	6.3
30	10.5	0.5	31.6	10.5	4.4	22.5	8.0	23.4	6.9	7.0	7.4	9.5	14.4	9.5
31	905	11,511	519	1,057	25,088	790	5,028	943	1,835	1,807	2,203	25,066	1,086	1,799
32	781	10,598	351	899	17,134	588	5,308	704	1,049	1,317	1,207	10,759	918	1,516
33	34.95	101.10	0.52	22.85	96.82	25.37	67.45	25.35	33.19	40.32	34.50	55.28	27.61	35.79
34	1,416	18	904	1,137	52	710	140	492	2,166	541	680	102	1,003	1,430
35	100,903	27,003	100,013	144,665	80,538	138,747	80,440	100,368	284,005	77,019	120,194	274,582	100,580	275,700
36	4,908	849	0,972	4,305	1,797	5,234	2,447	4,041	0,450	2,463	3,873	7,901	0,351	7,337
37	974	328	1,570	1,090	113	1,133	503	1,000	1,484	492	729	532	1,463	1,454
38	640	90	1,390	635	100	1,053	371	725	1,322	395	657	1,797	906	881
39	556	121	957	734	101	794	357	548	1,201	280	480	328	1,022	811
40	515	90	1,045	504	104	778	317	713	862	286	540	620	1,173	790
41	308	61	652	321	61	533	231	357	699	178	337	635	545	459
42	1,915	153	1,358	1,015	1,315	943	608	698	972	802	1,124	3,849	1,162	2,942
43	125,470	25,544	130,070	101,993	75,039	110,669	64,091	85,307	104,275	61,642	98,593	251,543	138,187	205,947
44	840	36	838	945	235	610	254	682	2,061	409	901	858	894	1,001
45	748	31	719	815	192	499	228	549	374	374	686	636	708	1,348
46	71	4	101	107	26	98	24	101	101	70	176	100	142	217
47	21	1	18	23	17	22	2	32	79	25	39	62	44	30
48	27,325	1,878	19,784	20,433	10,070	17,530	11,187	17,251	73,010	12,590	22,380	21,279	22,309	49,096
49	43	1	.....	97	2	12	22	5	369	6	20	.....	7	195
50	42	.....	.....	91	2	11	22	5	356	6	18	.....	7	187
51	1	1	.....	5	.....	.....	.....	.....	7	.....	2	.....	.....	7
52	.....	.....	.....	1	.....	.....	.....	.....	6	.....	.....	.....	.....	1
53	1,810	25	.....	3,793	120	835	3,620	370	24,526	390	2,980	.....	524	10,105
54	35	1	2	10	3	.....	8	1	93	5	5	.....	1	39
55	593	30	80	182	60	.....	470	20	1,251	0	125	.....	20	1,106
56	2,210	23	1,467	3,772	69	1,271	120	1,429	6,411	1,183	1,612	293	1,807	2,983
57	1,235	0	800	1,033	38	649	73	527	3,250	663	903	139	1,084	1,007
58	975	17	657	1,839	31	622	56	902	3,155	520	709	154	723	1,316
59	4,202	40	3,073	7,858	202	2,888	828	3,049	10,981	2,927	3,524	1,105	4,332	6,084
60	78	19	73	12	24	86	40	115	81	25	99	217	20	299
61	52	13	63	7	22	78	33	100	55	16	99	150	17	171
62	26	0	10	5	2	8	7	15	20	9	30	61	5	128
63	93	77	99	23	45	104	79	141	165	49	155	490	19	498
64	1,121	.....	370	871	193	370	40	170	2,629	515	1,042	58	1,000	1,774
65	1,469	.....	357	1,383	396	415	65	230	4,451	616	1,407	105	1,189	2,324
66	18,679	189	10,953	19,409	760	7,887	1,364	9,284	40,384	5,761	8,372	4,324	9,009	18,067
67	6,787	51	4,974	5,802	254	3,920	639	4,048	15,686	2,930	3,832	1,857	3,959	5,889
68	201	.....	.....	140	.....	1	.....	.....	818	6	.....	.....	.....	313
69	2,002	.....	.....	225	.....	1	.....	.....	8,069	30	.....	.....	.....	3,215

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

	THE TERRITORY.	Adjuntas.	Aguada.	Aguadilla.	Aguas Buenas.	Aibonito.	Anasco.	Arecibo.	Arroyo.	
<b>FARMS OPERATED BY OWNERS</b>										
1	Number of farms.....	46,770	820	1,155	982	380	307	718	1,644	167
2	Per cent of all farms.....	80.1	85.7	85.1	81.7	64.0	87.6	80.8	80.4	72.3
3	Land in farms.....acres.....	1,457,345	32,511	14,280	17,569	10,880	15,501	20,017	51,230	6,288
4	Improved land in farms.....acres.....	1,102,954	20,865	12,830	12,845	8,430	11,010	14,281	30,934	4,641
5	Value of land and buildings.....dollars.....	46,669,331	1,546,367	452,482	524,540	151,274	301,401	1,128,672	1,818,749	280,223
<b>Degree of ownership:</b>										
6	Farms consisting of owned land only.....	43,297	778	985	902	358	374	674	1,512	138
7	Farms consisting of owned and hired land.....	3,482	42	170	80	31	23	44	132	29
<b>Color of owners:</b>										
8	White.....	35,924	772	1,046	839	254	347	600	1,240	60
9	Negro and other nonwhite.....	10,855	48	109	143	135	50	118	395	107
<b>FARMS OPERATED BY TENANTS</b>										
10	Number of farms.....	10,422	108	198	217	204	48	80	287	58
11	Number of farms in 1900.....									
12	Per cent of all farms.....	17.9	10.8	14.0	18.1	33.6	10.6	10.0	14.0	25.1
13	Per cent of all farms in 1900.....									
14	Land in farms.....acres.....	226,070	8,350	1,257	3,036	6,626	2,078	1,742	11,420	1,815
15	Improved land in farms.....acres.....	170,533	2,064	1,174	1,946	5,367	1,540	1,309	6,043	1,024
16	Value of land and buildings.....dollars.....	8,152,583	102,481	30,380	60,440	124,029	50,844	65,993	910,653	57,828
<b>Form of tenancy:</b>										
17	Share tenants.....	5,744	52	105	134	116	15	10	196	7
18	Share-cash tenants.....	143	1	3	3				3	13
19	Cash tenants.....	4,535	50	90	80	85	33	70	88	38
<b>Color of tenants:</b>										
20	White.....	7,554	95	145	170	116	42	63	212	33
21	Negro and other nonwhite.....	2,898	8	53	38	88	6	17	75	25
<b>FARMS OPERATED BY MANAGERS</b>										
22	Number of farms.....	1,170	34	4	3	15	8	2	113	6
23	Land in farms.....acres.....	401,747	9,003	3,589	1,555	1,421	2,750	44	17,276	8,504
24	Improved land in farms.....acres.....	296,817	5,934	3,524	776	1,054	2,625	25	11,566	7,028
25	Value of land and buildings.....dollars.....	27,898,511	423,175	343,745	36,050	35,563	229,162	1,800	1,612,792	458,065
<b>MORTGAGE DEBT REPORTS:</b>										
<b>For all farms operated by owners:</b>										
26	Number free from mortgage debt.....	44,398	723	1,122	942	300	378	685	1,571	159
27	Number with mortgage debt.....	2,374	97	33	40	29	10	33	78	8
28	Number with no mortgage report.....	7								
<b>For farms consisting of owned land only:</b>										
29	Number reporting debt and amount.....	2,036	91	23	32	28	18	20	57	6
30	Value of their land and buildings.....dollars.....	8,130,336	715,993	12,090	68,317	18,891	39,214	62,550	192,610	3,060
31	Amount of mortgage debt.....dollars.....	2,835,223	170,340	5,235	21,094	8,408	15,078	25,075	40,933	2,515
32	Per cent of value of land and buildings.....	34.9	24.7	43.3	30.9	44.5	40.0	41.0	21.3	68.5

<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	Dairy cows on farms producing dairy products.....number.....	56,139	316	283	1,017	696	530	212	1,395	584
2	Dairy cows on farms reporting milk produced.....number.....	55,239	309	279	1,011	692	527	211	1,374	283
3	Milk—Produced.....gallons.....	27,092,790	155,624	120,293	593,906	343,089	176,464	122,029	1,224,998	142,200
4	Sold.....gallons.....	13,096,132	60,118	47,630	357,071	82,117	45,387	76,709	788,508	114,400
5	Cream sold.....gallons.....									
6	Butter fat sold.....pounds.....									
7	Butter—Produced.....pounds.....									
8	Sold.....pounds.....									
9	Cheese—Produced.....pounds.....	133,641	200	25	3,580				13,469	
10	Sold.....pounds.....	106,061		25	3,580				6,648	
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	722,108	3,254	2,398	10,613	3,686	2,431	4,878	47,627	5,900
12	Receipts from sale of dairy products.....dollars.....	718,268	3,230	2,398	10,613	3,686	2,431	4,878	46,656	5,900
<b>Poultry Products</b>										
13	Poultry—Raised.....number.....	1,178,423	43,004	12,827	27,001	12,106	6,061	7,440	58,927	2,064
14	Sold.....number.....	203,841	7,418	2,188	9,635	2,712	470	253	11,718	82
15	Eggs—Produced.....dozens.....	2,420,838	56,137	38,201	51,143	18,207	9,332	26,011	66,966	5,007
16	Sold.....dozens.....	1,043,577	30,481	13,440	30,000	6,091	1,000	16,106	27,369	637
17	Value of poultry and eggs produced.....dollars.....	842,153	21,404	10,694	10,025	8,239	4,109	6,590	37,113	1,072
18	Receipts from sale of poultry and eggs.....dollars.....	251,918	8,378	2,858	7,506	2,411	433	2,471	10,502	230
<b>Honey and Wax</b>										
19	Honey produced.....pounds.....	281,000	9,741	387	150			21	32,090	10
20	Wax produced.....pounds.....	23,442	445	211				10	12,810	6
21	Value of honey and wax produced.....dollars.....	10,544	619	92	8			7	2,804	6
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>										
22	Calves—Sold or slaughtered.....number.....	8,197	7	12	98	38	100		485	
23	Other cattle—Sold or slaughtered.....number.....	26,121	30	152	716	411	127	6	877	67
24	Horses, mules, and asses and burros—Sold.....number.....	2,713	5	12	32	29	117	1	93	
25	Swine—Sold or slaughtered.....number.....	16,890	164	302	593	385	53	22	362	3
26	Sheep and goats—Sold or slaughtered.....number.....	4,195	38	78	171	27	33	4	54	3
27	Receipts from sale of animals.....dollars.....	960,418	1,810	7,788	26,775	10,720	15,873	337	31,195	2,843
28	Value of animals slaughtered.....dollars.....	127,553	822	630	1,453	567	52	4	8,511	8

AGRICULTURE—PORTO RICO.

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

	Barcelo- meta.	Barran- quitas.	Barros.	Bayamon.	Cabo Rojo.	Caguas.	Camuy.	Carolina.	Cayey.	Ciales.	Cldra.	Coamo.	Comerio.	Corozal.
1	361	503	850	940	1,174	682	687	643	541	721	531	652	330	1,000
2	75.4	77.7	86.2	76.6	80.5	76.5	69.7	65.3	82.8	80.9	67.6	67.8	82.6	93.1
3	10,842	10,238	32,140	20,385	34,375	28,800	22,077	14,663	32,395	28,055	12,460	43,409	14,508	24,972
4	7,024	13,406	24,630	21,857	26,621	21,620	15,206	11,726	22,500	21,610	10,311	38,183	12,727	22,433
5	338,019	270,701	468,200	800,116	1,548,751	736,957	900,922	518,927	714,463	855,213	245,459	913,033	423,078	373,464
6	347	454	701	894	1,008	642	620	606	488	658	503	549	811	942
7	14	49	68	52	76	40	67	37	53	63	28	103	25	67
8	270	441	730	644	969	531	617	270	402	651	407	442	281	747
9	91	62	129	302	205	151	70	373	79	70	124	210	55	262
10	116	135	120	248	125	107	287	315	169	145	238	205	63	69
11	24.2	20.9	13.0	20.1	6.5	22.1	20.1	32.0	16.7	16.3	30.3	30.7	15.5	6.4
12	1,409	4,645	5,290	7,004	2,082	8,091	3,740	3,626	4,354	6,255	4,350	4,589	2,705	1,980
13	1,657	3,941	4,385	4,876	1,709	6,224	3,654	3,302	3,207	4,144	3,302	3,926	2,323	1,760
14	60,985	71,982	71,651	220,097	50,989	247,542	106,614	108,993	107,605	127,973	69,901	122,946	71,873	24,043
15	62	48	33	166	94	112	152	104	62	77	201	220	23	32
16	33	1	1	5	3	1	1	1	1	1	4	4	2	1
17	21	87	95	77	28	85	134	121	40	68	37	71	38	86
18	99	110	113	160	104	158	248	154	84	131	158	182	56	49
19	17	10	16	88	21	30	30	101	25	14	80	113	7	20
20	2	9	8	41	12	13	12	27	3	25	16	15	8	6
21	6,922	339	1,090	4,346	3,895	7,269	3,237	10,346	1,085	5,540	2,978	6,199	740	261
22	5,361	313	1,442	3,573	2,355	4,565	2,615	14,132	883	4,644	2,483	5,789	717	234
23	831,455	5,340	93,475	250,104	205,780	775,475	97,676	739,807	214,374	173,525	34,182	122,708	52,050	4,108
24	337	487	844	914	1,005	646	634	620	523	598	515	635	317	983
25	24	16	15	32	79	30	53	23	18	123	16	17	19	20
26	22	15	13	27	66	22	49	21	10	104	14	15	18	23
27	84,865	5,890	38,560	148,194	529,422	87,137	90,110	44,273	41,594	317,815	10,147	52,206	36,112	50,291
28	25,883	2,688	24,351	53,668	230,063	32,639	44,829	21,958	11,794	110,013	4,891	11,103	11,870	18,648
29	30.5	45.6	63.1	36.2	43.6	37.5	49.7	49.6	28.2	34.6	48.2	21.2	32.9	37.0

OR SLAUGHTERED ON FARMS, BY MUNICIPALITIES: 1909.

1	265	797	640	1,896	1,631	1,003	438	1,433	785	689	575	943	896	1,049
2	265	796	641	1,725	1,630	1,655	493	1,389	782	678	572	947	881	1,040
3	151,645	217,950	207,978	1,066,647	775,200	1,037,404	268,258	602,121	322,408	202,612	211,997	449,334	408,003	445,940
4	29,720	7,305	27,493	645,910	378,582	528,928	85,686	461,849	166,493	107,085	162,365	27,830	27,830	24,450
5														
6														
7														
8														
9		200		2,833	13,965		4,707	610	1,220	209		500		3,214
10		200		2,500	9,752		3,658	600	1,100	189		450		3,214
11	1,401	333	1,690	40,084	20,717	34,748	4,402	28,065	8,100	4,858		7,946	1,513	1,302
12	1,401	333	1,690	40,034	20,299	34,748	4,329	28,064	8,081	4,853		7,941	1,513	1,302
13	6,722	15,984	16,414	17,095	30,620	20,176	27,947	12,620	12,070	24,270	15,560	18,885	21,885	17,389
14	1,030	2,860	3,557	2,722	4,035	5,450	3,873	1,098	1,120	5,982	1,124	1,017	1,614	3,722
15	18,645	82,188	73,325	57,001	77,220	47,031	23,421	30,717	10,370	54,279	21,364	25,971	30,159	56,095
16	7,389	43,727	25,338	20,124	30,018	19,036	9,277	9,383	3,874	27,520	4,780	7,721	5,237	37,815
17	6,589	16,241	16,050	17,939	23,273	20,754	13,041	12,763	9,354	15,668	10,012	9,727	12,130	17,133
18	1,954	6,463	4,967	4,535	6,338	5,700	2,798	3,006	1,305	5,372	1,345	1,897	1,544	7,790
19			32	35	30	25			4	58			4	1,939
20			35	15	20	34			3	14				374
21			14	6	8	7			2	12			1	223
22	14	31	53	1,185	313	312	19	40	117	22	27	118	194	120
23	69	217	175	803	435	770	98	2,932	916	174	78	1,382	71	513
24	7	47	11	32	81	76	77	59	22	70	15	92	79	69
25	120	317	217	227	759	286	237	161	57	585	171	457	309	553
26	63	40	75	51	205	10	104	31	63	120	18	113	47	84
27	2,408	7,965	5,322	18,791	20,358	22,288	7,634	115,697	27,269	7,089	3,031	37,653	9,012	14,903
28	243	433	511	18,789	1,229	8,386	878	3,637	2,665	2,188	303	10,714	1,070	4,850

## AGRICULTURE—PORTO RICO.

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

	Culebra.	Dorado.	Fajardo.	Guayama.	Guayama- nilla.	Gurabo.	Hatillo.	Humacao.	Isabela.	
<b>FARMS OPERATED BY OWNERS</b>										
1	Number of farms.....	54	159	029	265	036	345	074	1,456	1,150
2	Per cent of all farms.....	78.3	70.4	88.3	74.4	86.5	72.0	81.5	85.4	77.8
3	Land in farms..... acres	3,963	8,025	23,969	19,282	16,575	9,360	10,624	32,495	28,290
4	Improved land in farms..... acres	2,819	5,615	21,293	14,697	11,799	8,393	14,306	29,106	18,175
5	Value of land and buildings..... dollars.	94,710	439,802	1,039,192	527,899	548,233	242,487	584,602	1,117,714	627,047
<b>Degree of ownership:</b>										
6	Farms consisting of owned land only.....	50	146	585	231	580	325	029	1,389	982
7	Farms consisting of owned and hired land.....	4	13	44	34	50	20	45	67	168
<b>Color of owners:</b>										
8	White.....	33	82	512	204	439	242	509	896	1,036
9	Negro and other nonwhite.....	21	77	117	61	197	103	105	560	114
<b>FARMS OPERATED BY TENANTS</b>										
10	Number of farms.....	14	56	70	69	84	127	147	224	323
11	Number of farms in 1900.....									
12	Per cent of all farms.....	20.3	24.8	9.8	10.4	11.4	26.7	17.8	13.1	21.8
13	Per cent of all farms in 1900.....									
14	Land in farms..... acres	228	884	3,203	3,790	3,743	1,814	3,502	6,174	2,901
15	Improved land in farms..... acres	100	434	2,570	2,687	1,873	1,693	2,051	5,370	2,009
16	Value of land and buildings..... dollars.	4,014	11,886	130,044	73,310	88,209	61,311	132,142	361,835	89,797
<b>Form of tenancy:</b>										
17	Share tenants.....		81	11	7	57	100	80	126	241
18	Share-cash tenants.....		1					1	2	3
19	Cash tenants.....	14	24	59	62	26	18	66	96	79
<b>Color of tenants:</b>										
20	White.....	7	30	55	54	57	82	130	127	283
21	Negro and other nonwhites.....	7	26	15	15	27	45	17	97	40
<b>FARMS OPERATED BY MANAGERS</b>										
22	Number of farms.....	1	11	13	22	15	3	6	25	6
23	Land in farms..... acres	15	3,399	8,178	14,915	8,205	2,181	1,726	3,801	247
24	Improved land in farms..... acres	15	1,886	6,011	12,010	4,335	2,031	1,210	3,064	112
25	Value of land and buildings..... dollars.	225	282,867	617,375	1,157,702	302,020	102,575	23,165	294,765	9,170
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>										
<b>For all farms operated by owners:</b>										
26	Number free from mortgage debt.....	54	152	613	253	610	330	644	1,434	1,119
27	Number with mortgage debt.....		0	10	12	26	0	30	22	29
28	Number with no mortgage report.....		1							2
<b>For farms consisting of owned land only:</b>										
29	Number reporting debt and amount.....		3	10	8	25	5	20	16	20
30	Value of their land and buildings..... dollars.		70,200	12,570	22,825	134,405	32,261	42,237	202,235	13,941
31	Amount of mortgage debt..... dollars.		34,700	4,800	10,863	49,148	17,650	14,200	69,090	4,245
32	Per cent of value of land and buildings.....		49.4	38.2	47.0	36.6	54.7	33.6	29.5	30.4

<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 OR

<b>LIVE STOCK PRODUCTS</b>										
<b>Dairy Products</b>										
1	Dairy cows on farms reporting dairy products.....	148	566	946	1,481	548	1,000	1,014	2,205	782
2	Dairy cows on farms reporting milk produced.....	148	554	940	1,480	545	1,000	1,000	2,197	781
3	Milk—Produced..... gallons	65,197	343,442	460,676	481,402	255,600	340,360	695,602	1,011,904	393,085
4	Sold..... gallons	29,322	202,673	218,433	384,420	85,839	75,020	307,564	379,864	172,573
5	Cream sold..... gallons									
6	Butter fat sold..... pounds									
7	Butter—Produced..... pounds									
8	Sold..... pounds									
9	Cheese—Produced..... pounds				1,700			16,139	1,802	4,382
10	Sold..... pounds				1,450			14,255	1,207	3,932
11	Value of dairy products, excluding home use of milk and cream..... dollars.	1,216	16,787	13,548	10,154	4,058	4,005	19,050	10,960	8,467
12	Receipts from sale of dairy products..... dollars.	1,216	16,787	13,548	10,116	4,058	4,005	18,724	16,882	8,416
<b>Poultry Products</b>										
13	Poultry—Raised..... number	3,439	2,630	6,839	10,843	13,402	7,524	21,741	23,920	34,754
14	Sold..... number	589	479	1,233	793	1,184	1,105	7,472	3,904	8,573
15	Eggs—Produced..... dozens	2,372	11,362	14,389	10,840	30,184	16,492	34,580	37,617	62,502
16	Sold..... dozens	540	3,699	6,223	3,538	14,029	5,887	15,856	14,170	31,150
17	Value of poultry and eggs produced..... dollars.	2,183	3,050	6,418	6,067	10,236	6,620	13,864	17,662	20,011
18	Receipts from sale of poultry and eggs..... dollars.	442	704	1,967	1,044	2,672	1,593	5,337	4,074	7,374
<b>Honey and Wax</b>										
19	Honey produced..... pounds			350		25		180	24	18
20	Wax produced..... pounds			20		6		30	8	6
21	Value of honey and wax produced..... dollars.			57		5		31	4	3
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>										
22	Calves—Sold or slaughtered..... number	89	138	60	129	79	79	212	268	56
23	Other cattle—Sold or slaughtered..... number	355	491	660	588	89	207	205	604	320
24	Horses, mules, and asses and burros—Sold..... number	23	34	11	67	38	8	80	154	47
25	Swine—Sold or slaughtered..... number	8	25	41	192	325	30	405	346	432
26	Sheep and goats—Sold or slaughtered..... number	27	10	12	121	80	4	113	23	41
27	Receipts from sale of animals..... dollars.	14,736	15,738	15,213	26,480	6,034	5,529	10,004	20,456	10,098
28	Value of animals slaughtered..... dollars.	3	10	5,941	492	423	2,161	427	1,093	510



AGRICULTURE—PORTO RICO.

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

	Juana Diaz.	Juncos.	Lajas.	Lares.	Las Marias.	Loiza.	Manati.	Maricao.	Maunabo.	Mayaguez.	Moca.	Morovis.	Naguabo.	Naranjito.
1	1,256	343	590	932	516	400	588	170	323	1,505	1,188	612	453	510
2	86.0	71.5	90.8	68.5	89.7	51.4	71.6	82.9	01.8	89.4	02.0	72.8	83.7	54.5
3	38,065	16,122	19,953	32,641	22,226	16,362	15,531	16,354	7,527	38,005	24,393	19,812	16,343	13,039
4	28,148	13,548	16,556	24,403	15,041	10,850	10,269	11,412	3,070	31,543	15,877	16,709	12,546	11,529
5	1,181,303	680,404	562,409	1,271,788	1,012,070	388,036	399,657	721,890	72,473	2,204,572	521,165	511,451	408,934	221,071
6	1,163	325	541	825	497	400	543	179	310	1,433	1,082	504	423	439
7	93	18	40	107	19	30	45	-----	13	72	100	48	30	71
8	905	288	506	898	462	249	399	135	137	1,285	1,062	525	352	459
9	351	55	84	34	54	241	189	44	186	220	126	87	101	51
10	188	133	37	411	40	438	184	6	28	147	100	223	57	419
11	12.9	27.7	5.7	30.2	7.0	45.9	22.4	2.8	8.0	8.7	7.7	26.5	10.5	44.8
12	4,273	3,329	1,632	3,694	654	3,397	2,072	192	2,242	3,837	1,532	4,065	2,353	3,141
13	3,102	3,015	1,422	3,179	350	2,810	1,394	136	1,210	3,532	1,022	4,313	1,677	2,984
14	104,575	160,155	46,004	71,181	32,637	108,316	47,706	5,100	107,754	301,861	37,719	138,389	92,879	51,715
15	72	66	14	124	14	184	92	2	6	43	55	121	21	371
16	116	67	22	266	26	254	92	4	21	103	45	101	36	47
17	137	86	31	394	31	167	86	3	14	121	88	191	44	346
18	51	47	6	17	9	231	93	3	14	20	12	32	13	73
19	16	4	23	17	10	20	42	31	1	32	3	6	31	6
20	17,012	4,010	10,635	6,272	5,539	2,011	11,484	7,350	575	2,898	304	870	7,932	631
21	10,831	3,893	9,717	4,475	4,019	917	8,387	5,407	280	2,453	80	792	6,419	589
22	1,602,248	375,950	467,570	251,937	212,380	180,436	957,163	371,930	29,654	338,083	2,103	90,197	347,847	20,725
23	1,196	335	507	819	443	471	593	136	320	1,395	1,145	504	448	404
24	60	8	23	113	73	19	25	43	2	110	43	48	5	16
25	50	3	10	100	68	13	21	43	1	100	32	43	5	15
26	158,685	61,650	93,010	400,519	421,704	54,371	18,240	403,462	60	307,595	30,040	115,412	10,220	44,094
27	65,160	3,110	32,970	146,087	174,422	23,201	6,978	165,885	30	135,501	18,814	43,698	6,410	15,499
28	41.1	5.0	35.4	36.6	41.4	42.7	38.2	41.0	50.0	36.9	52.2	42.2	62.8	35.0

SLAUGHTERED ON FARMS, BY MUNICIPALITIES: 1909—Continued.

1	997	829	1,488	680	118	885	665	102	300	687	393	839	924	1,006
2	908	826	1,453	678	116	884	665	102	359	681	393	833	918	1,006
3	514,691	605,644	499,549	280,365	75,122	370,003	427,750	52,226	125,012	318,513	175,690	440,201	528,294	341,794
4	352,213	256,828	418,327	99,040	30,245	209,142	256,008	15,945	33,170	193,433	33,554	70,200	116,552	33,587
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	365	200	-----	-----	-----	-----	2,342	-----	-----	649	840	2,345	-----	813
10	300	200	-----	-----	-----	-----	1,894	-----	-----	-----	125	2,085	-----	559
11	16,151	12,781	10,443	4,089	1,344	12,036	13,356	772	1,403	14,007	1,727	3,179	5,536	1,552
12	16,145	12,781	10,443	4,089	1,344	12,036	13,281	772	1,403	13,929	1,644	3,148	5,536	1,519
13	24,559	7,444	12,301	25,934	11,539	12,778	11,441	7,654	4,075	28,335	14,567	19,219	11,559	19,903
14	3,088	2,077	2,149	2,005	1,410	2,740	2,550	812	58	1,930	2,826	3,522	2,329	2,062
15	32,004	11,528	42,200	44,873	42,051	17,210	29,104	17,169	6,729	76,435	34,292	44,864	27,628	51,834
16	16,134	2,381	24,987	11,551	20,170	5,864	11,944	3,973	795	39,292	5,508	27,966	9,749	26,585
17	14,129	6,313	11,852	13,490	9,360	8,689	10,781	5,082	2,674	24,832	9,307	15,403	9,702	15,904
18	4,544	1,631	5,172	2,483	3,043	2,219	3,504	656	139	7,094	1,837	6,012	2,836	4,765
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	2,500	-----	4	6,250	7,734	1,300	6	500	-----	9,025	7,664	12,000	3,000	180
21	200	-----	-----	308	2,048	282	3	50	-----	492	1,432	300	-----	50
22	120	-----	1	333	743	118	2	35	-----	616	538	875	160	32
23	342	127	24	38	-----	25	107	4	10	24	22	125	20	107
24	160	304	352	133	113	240	483	7	19	104	57	283	367	315
25	56	9	20	43	12	13	48	3	2	30	40	61	37	31
26	274	109	234	517	255	156	161	4	12	192	181	385	21	115
27	96	33	80	37	0	12	143	1	-----	29	53	58	60	26
28	12,466	9,401	10,466	7,244	1,324	3,557	16,218	200	585	5,009	3,018	13,899	12,834	11,638
29	1,980	79	89	1,351	3,430	4,136	234	16	60	342	294	486	7	117

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

	Patillas.	Penuelas.	Ponco.	Quebra- dillas.	Rincon.	Rio Grande.	Rio Piedras.	Sabana Grande.	Salinas.
<b>FARMS OPERATED BY OWNERS</b>									
1	607	842	930	474	610	627	902	580	109
2	83.4	80.7	84.0	90.3	88.3	68.2	78.4	77.3	43.1
3	18,950	17,200	50,455	12,703	8,495	17,585	23,303	17,607	17,807
4	15,352	12,700	35,232	5,020	7,426	12,333	18,518	13,100	14,975
5	304,859	450,914	2,063,950	345,993	207,007	350,440	1,102,831	374,002	596,188
<b>Degree of ownership:</b>									
6	639	795	800	453	575	580	854	549 <sup>1</sup>	95
7	58	47	70	21	35	47	48	31	14
<b>Color of owners:</b>									
8	490	607	748	462	551	331	507	440	67
9	207	175	182	12	59	296	305	140	42
<b>FARMS OPERATED BY TENANTS</b>									
10	123	80	133	48	81	266	214	140	136
11	14.7	8.5	12.0	9.1	11.7	28.0	18.0	10.0	53.8
12	1,874	6,216	3,920	672	773	6,200	3,637	1,495	1,526
13	1,432	3,542	2,579	567	700	3,341	3,117	1,040	1,303
14	28,003	944,180	203,930	19,035	23,842	151,710	143,305	35,472	84,477
<b>Form of tenancy:</b>									
15	65	51	45	27	30	128	125	137	73
16	3	1	1	1	1	1	1	1	2
17	55	28	38	21	42	138	80	12	61
<b>Color of tenants:</b>									
18	73	67	114	44	68	148	128	81	63
19	50	13	10	4	13	118	86	68	43
<b>FARMS OPERATED BY MANAGERS</b>									
20	10	17	44	3	27	35	21	8	8
21	7,444	3,833	22,444	97	12,758	5,085	1,061	13,290	1,303
22	6,938	2,719	10,118	90	9,263	4,706	1,760	11,475	1,303
23	352,506	213,970	2,835,926	8,670	875,085	504,425	50,945	1,328,700	1,303
<b>MORTGAGE DEBT REPORTS<sup>1</sup></b>									
<b>For all farms operated by owners:</b>									
24	088	813	846	446	602	611	802	546	102
25	9	29	84	28	8	16	40	34	7
<b>For farms consisting of owned land only:</b>									
26	7	24	70	25	7	14	35	30	3
27	3,125	57,859	697,735	26,470	12,655	75,413	250,395	110,621	16,525
28	1,802	12,484	171,424	11,019	6,925	26,217	54,308	50,354	9,600
29	57.7	21.8	24.6	41.6	54.7	54.8	21.7	49.6	58.1

<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	783	419	1,454	381	245	1,059	1,607	582	608
2	775	419	1,440	381	245	1,045	1,556	574	603
3	284,420	203,206	688,737	149,719	69,727	583,404	975,985	157,944	240,001
4	98,806	97,203	324,460	47,940	18,937	439,670	671,672	72,006	60,820
5									
6									
7									
8									
9	600			2,596	50	250	1,800	270	6,000
10	600			2,396	50	200	1,700	120	3,500
11	5,130	4,544	53,637	1,964	1,004	20,642	45,065	3,452	3,635
12	5,130	4,544	53,637	1,942	1,004	20,620	46,045	3,437	3,185
<b>Poultry Products</b>									
13	16,016	16,671	20,073	11,537	13,798	9,518	25,531	19,778	8,926
14	2,125	2,734	2,116	3,697	5,170	782	7,308	5,193	221
15	27,583	45,385	20,260	16,820	11,937	17,143	63,878	34,651	6,033
16	13,549	21,042	11,136	8,821	3,194	6,660	32,582	14,810	1,076
17	12,108	14,206	13,899	6,944	5,408	7,674	23,012	11,944	4,278
18	3,812	5,037	3,350	2,825	1,850	1,501	10,113	3,690	261
<b>Honey and Wax</b>									
19	200	6	36,016				36	25	
20	22	5	887				24	4	
21	21	2	3,121				7	0	
<b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>									
22	33	53	660	45	13	184	76	110	506
23	133	110	1,349	62	35	109	416	74	947
24	18	18	57	16	13	35	17	20	20
25	83	241	103	111	688	214	113	375	280
26	71	24	48	65	61	39	15	150	177
27	5,635	6,733	71,885	3,499	2,544	5,985	10,602	5,788	43,124
28	309	133	102	202	392	230	3,045	370	427

AGRICULTURE—PORTO RICO.

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

	San German.	San Juan.	San Lorenzo.	San Sebastian.	Santa Isabel.	Toa Alta.	Toa Baja.	Trujillo Alto.	Utua.	Vega Alta.	Vega Baja.	Vieques.	Yabucoa.	Yauco.
1	1,633	26	953	1,211	30	586	132	343	1,783	521	559	84	924	1,444
2	91.2	70.3	94.9	80.2	50.6	73.1	70.7	68.1	73.0	84.7	08.3	74.3	84.0	80.5
3	20,850	3,140	28,392	30,008	2,035	12,338	6,790	9,500	73,020	9,530	16,002	11,636	21,034	34,533
4	23,323	1,908	23,001	25,605	2,600	10,097	4,564	8,528	55,197	7,218	12,790	9,904	17,874	20,140
5	1,230,033	299,576	259,617	999,038	208,013	356,034	308,101	230,465	2,600,786	320,710	463,589	774,595	277,617	930,233
6	1,557	23	929	1,110	33	610	122	330	1,004	505	532	74	874	1,348
7	76	3	24	95	6	67	10	13	179	16	27	10	50	96
8	1,080	14	573	1,111	26	340	54	178	1,031	350	358	74	523	1,027
9	544	12	380	100	13	246	78	105	152	162	201	10	401	417
10	126	5	39	138	30	204	26	156	603	88	241	17	145	183
11	7.0	13.5	3.9	10.2	30.0	25.4	15.1	31.0	24.7	14.3	20.5	15.0	13.3	11.0
12	2,850	45	3,068	4,901	245	1,044	1,324	1,988	13,368	1,274	4,800	331	4,268	3,170
13	1,709	26	3,530	3,248	239	1,818	1,005	1,800	9,851	606	3,500	319	3,778	2,245
14	80,184	9,236	81,640	130,680	14,000	36,173	147,212	44,931	408,061	30,907	145,824	17,870	160,377	62,220
15	85	2	12	49	10	151	15	101	353	61	102		20	120
16	41	3	27	1	1	1	1	10	1	1	1		1	14
17	100	2	33	125	25	128	11	75	514	69	108	14	60	133
18	26	3	0	13	5	76	15	81	80	19	73	3	55	50
19	41	3	27	88	10	52	11	55	240	26	138	17	119	49
20	100	2	33	125	25	128	11	75	514	69	108	14	60	133
21	26	3	0	13	5	76	15	81	80	19	73	3	55	50
22	31	6	12	8	8	12	14	5	57	6	18	12	19	43
23	2,608	133	970	2,008	9,355	2,080	4,404	870	20,826	0,103	6,612	10,326	7,977	25,346
24	1,908	79	759	1,469	8,708	1,853	3,373	795	14,617	2,285	4,015	12,526	7,350	13,499
25	87,643	83,300	11,377	80,894	1,096,280	78,623	377,915	79,630	924,880	458,420	451,551	1,101,330	551,832	1,538,736
26	1,555	20	938	1,103	34	569	126	339	1,562	515	546	81	914	1,378
27	78	6	15	106	5	17	6	4	221	6	13	3	9	66
28	68	5	13	94	3	11	4	3	198	5	12	1	7	60
29	257,140	56,409	9,935	201,043	34,600	19,430	42,000	1,497	693,811	8,430	24,708	2,500	8,085	145,238
30	79,925	14,100	6,740	79,381	14,100	2,950	11,900	1,875	261,278	1,498	9,908	1,000	3,558	54,151
31	31.1	25.0	67.9	39.5	40.8	15.2	28.3	125.3	37.7	17.8	40.1	40.0	44.0	37.3

\* See explanation in text.

OR SLAUGHTERED ON FARMS, BY MUNICIPALITIES: 1909—Continued.

1	780	321	1,514	1,000	105	932	408	612	1,394	367	616	530	1,416	1,291
2	780	321	1,500	1,087	105	932	394	597	1,394	357	611	530	1,294	1,270
3	309,358	155,035	503,048	638,484	60,870	438,543	370,460	315,212	898,418	136,543	361,184	240,520	752,884	671,192
4	76,294	134,700	74,755	258,084	50,310	201,872	357,530	125,224	313,015		177,208	131,885	294,226	132,073
5														
6														
7														
8														
9	2,250		100	27,054	500	300		610	6,555		200		6,925	180
10	500		130	25,187	500	300		550	6,555				6,390	70
11	4,520	10,034	3,966	15,581	2,901	13,791	20,101	6,563	10,038		9,063	6,612	12,609	6,229
12	4,342	10,034	3,960	15,025	2,901	13,791	20,101	6,555	10,036		9,069	6,612	12,409	6,218
13	31,186	295	14,589	20,079	1,601	13,274	2,420	18,258	74,138	8,005	15,488	8,013	14,640	32,661
14	4,789	30	1,008	5,033	88	3,049	73	4,020	8,730	1,370	4,437	2,130	5,160	3,067
15	112,450	1,067	26,414	44,096	1,643	35,082	3,805	23,599	149,001	14,051	27,054	0,496	52,904	70,083
16	37,743	146	10,026	21,375	130	19,920	371	13,116	64,662	7,812	15,549	2,714	36,214	24,588
17	20,245	373	10,390	14,154	916	11,209	2,020	14,186	47,744	6,570	11,781	5,022	16,773	21,667
18	8,045	47	1,855	4,134	55	4,677	152	4,945	11,083	1,955	5,008	1,544	9,488	4,654
19	30,815			1,431					108,401	118				8,480
20	303			520					1,080	192				1,147
21	1,820			180					6,201	45				764
22	45	71	132	48		156	62	138	65	55	62	61	168	55
23	209	27	562	123	54	515	411	293	838	92	532	398	247	950
24	20		14	88	5	55	37	23	143	30	41	16	28	68
25	245	10	182	541		207	27	338	1,321	264	109	8	100	474
26	77	10	12	86	7	17	3	41	258	70	81	52	99	230
27	5,411	1,701	14,914	10,543	2,274	17,952	11,495	12,804	31,441	5,648	5,785	12,432	10,249	19,006
28	2,920		113	242	3	45	35	133	4,777	389	9,382	1,240	159	11,272

AGRICULTURE—PORTO RICO.

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

		THE TERRITORY.	Adjuntas.	Aguada.	Aguadilla.	Aguas Buenas.	Albonito.	Anasco.	Arecibo.	Arroyo.	
<b>VALUE OF ALL CROPS</b>											
1	Total	dollars	25,559,265	520,468	378,024	293,515	106,191	324,355	449,470	1,137,828	395,288
2	Cereals (corn, rice, and milo maize)	dollars	709,012	4,980	19,734	13,814	9,924	4,761	4,780	8,801	280
3	Coffee	dollars	5,292,179	361,514	41,797	6,518	41,662	41,322	120,134	103,973	10,190
4	Other grains (dry edible beans, dry peas, and peanuts)	dollars	300,584	4,386	29,058	9,981	691	458	3,126	14,840	218
5	Hay and forage	dollars	200,093	4,725	5,318	2,020	425	3,200	209	13,057	60
6	Tobacco	dollars	1,938,092			6,304	12,155	251,149		56,965	51
7	Sugar cane	dollars	13,088,812	28,380	228,300	155,559	285	284,828		791,201	370,366
8	Vegetables (potatoes, sweet potatoes and yams, and other vegetables)	dollars	1,242,717	26,070	29,655	48,192	20,651	7,681	15,614	61,046	1,969
9	Tropical fruits, grapes, and nuts	dollars	2,515,542	90,405	22,165	18,350	20,683	15,249	14,164	85,680	12,066
10	Sundry minor crops	dollars	92,324		2,991	80,717		100	315	465	8
<b>SELECTED CROPS (acres and quantity)</b>											
<b>Cereals:</b>											
11	Corn	acres	50,640	408	551	1,073	539	525	208	626	31
12		bushels	548,236	4,315	12,415	10,922	4,875	5,377	2,012	9,036	294
13	Rice	acres	16,138	9	307		407	104	70	33	2
14		bushels	154,717	102	4,011		4,093	782	1,120	315	18
15	Milo maize	acres	329								
16		bushels	1,956		161						
17	Coffee	acres	189,875	12,496	969	266	1,742	1,606	5,257	3,245	419
18		pounds	52,717,727	3,591,000	420,710	65,875	452,900	408,700	1,259,100	1,144,100	118,000
<b>Other grains:</b>											
19	Dry edible beans	acres	20,652	296	895	703	62	36	50	850	11
20		bushels	125,553	1,631	4,652	4,458	341	202	284	5,541	75
21	Dry peas	acres	6,859		807	261		6	264	37	
22		bushels	44,101		4,879	1,028		25	2,247	202	
23	Peanuts	acres	202	2	147	4		1	6		
24		bushels	4,584	26	3,780	93		10	20		
<b>Hay and forage:</b>											
25	Malojillo	acres	4,775	6		20	22	45	3	310	
26		bundles	3,584,592	1,200		4,325	8,100	61,000	1,500	39,843	
27	Yerba Guinea	acres	10,824	152	236	82		205	13	2,049	1
28		bundles	4,720,925	98,600	108,150	17,050		28,750	2,000	210,642	1,200
<b>Special crops:</b>											
29	Tobacco	acres	22,142			260	175	1,182		1,040	
30		pounds	10,827,755			120,190	75,600	653,000		758,200	600
31	Cotton	acres	1,425			29		4		9	
32		pounds	630,400			12,800		1,600		2,500	100
33	Sugar cane grown	acres	145,433	250	3,192	2,349		6	4,140	9,800	3,507
34		tons	3,189,750	6,652	57,258	40,799		137	83,244	219,428	92,529
35	Sugar cane sold as such	tons	3,087,612	3,380	57,052	40,799		75	78,054	210,348	92,529
36	Sugar (made)	tons	1,203	180				7			
37	Sirup (made)	gallons	518,145	8,570	5,540			775	1,800	2,500	
38	Molasses (made)	gallons	35,073	3,720					500		
39	Vegetables	acres	68,158	825	1,191	2,693	1,051	385	821	2,540	369
<b>FRUITS AND NUTS</b>											
<b>Tropical fruits:</b>											
40	Chinas	trees	520,266	52,283	2,778	365	889	1,106	1,696	15,305	607
41		boxes	690,710	95,745	10,167	747	1,793	3,020	3,280	9,591	1,144
42	Pifias	plants	15,795,121	133	403	403	500			340,280	137
43		boxes	437,018	11	30	6	10			2,506	8
44	Plátanos	trees	5,261,073	107,605	3,728	129,280	80,605	3,820	1,725	253,957	2,220
45		number	49,843,470	2,879,219	46,965	1,234,390	407,860	9,930	13,440	3,667,981	4,840
46	Guineos	trees	22,425,201	662,493	54,044	64,476	273,895	505,878	62,269	458,645	112,861
47		bunches	16,992,258	882,078	51,641	49,897	212,782	453,586	54,514	430,884	97,233
48	Nuts (coconuts)	trees	298,316	7	16,765	8,556	72		5,552	8,991	275
49		number	15,567,914	600	814,260	448,950	4,800		391,500	583,330	25,632

TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor	Farms reporting	20,703	479	389	424	212	196	355	807	86
2		Cash expended	11,896,709	149,537	143,392	74,143	17,892	127,287	147,483	651,703	555,718
3		Rent and board furnished	1,055,048	32,564	9,579	11,440	4,547	6,182	14,592	124,716	1,768
4	Fertilizer	Farms reporting	1,756	24	11	23		2	1	185	5
5		Amount expended	911,412	2,152	18,318	1,861		14,490	6	85,233	24,203
6	Feed	Farms reporting	4,315	264	16	60	8	20	51	72	4
7		Amount expended	175,921	8,363	542	1,381	77	1,224	1,089	3,818	1,020
8	Receipts from sale of feedable crops		327,192	1,402	10,079	10,970	1,052	229	316	11,911	

AGRICULTURE—PORTO RICO.

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AND PRODUCTION OF PRINCIPAL CROPS, BY MUNICIPALITIES: 1909.

	Barcelo- neta.	Barran- quitas.	Barros.	Bayamon.	Cabo Rojo.	Caguas.	Camuy.	Carolina.	Cayey.	Ciales.	Cidra.	Coamo.	Comerio.	Coroznl.
1	309,372	105,876	217,073	397,859	512,830	832,615	248,044	285,275	319,666	352,807	155,438	166,220	203,005	142,649
2	1,750	20,240	21,022	13,589	34,742	17,132	5,008	4,023	12,082	0,450	23,525	13,224	11,093	18,224
3	40,000	20,030	81,332	30,571	16,942	20,980	40,854	0,254	68,073	228,915	15,541	88,474	27,432	38,073
4	2,448	3,526	00	200	10,163	1,831	8,873	214	0,462	0,013	1,315	10,380	609	4,220
5	218	335	4,082	24,050	594	1,110	1,477	3,773	45	3,284	85	85	9,206	102
6	0,567	20,832	0,235	16,107	1,701	010,311	0,841	033	180,540	10,317	73,024	10,280	88,470	11,281
7	200,517	2,648	3,531	172,504	400,821	138,533	130,201	244,365	000	5,026	524	11,392	4,074	8,701
8	13,170	22,063	40,101	41,400	11,567	21,100	25,584	17,323	10,040	14,740	13,353	7,461	22,812	16,473
9	32,006	83,833	60,032	80,475	27,473	9,454	23,147	8,070	40,558	03,020	27,040	18,924	38,019	44,921
10	.....	1,313	252	135	8,827	03	2,000	.....	.....	12	216	.....	.....	504
11	220	1,137	1,053	658	2,320	1,264	708	350	1,119	1,174	1,076	1,500	805	602
12	1,403	12,750	12,433	7,371	34,632	10,435	5,065	3,021	8,052	6,870	8,500	12,723	5,461	5,147
13	1	1,110	740	350	26	718	31	28	300	295	1,111	254	712	1,204
14	0	12,200	0,208	3,240	276	5,995	213	178	3,268	1,933	10,711	2,229	4,042	7,477
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	1,402	000	3,103	1,421	377	837	1,872	202	3,831	8,250	581	3,807	1,170	1,301
18	420,300	261,050	813,400	4,058	177,500	282,950	420,300	72,700	715,300	2,317,700	161,200	801,600	286,200	301,425
19	169	241	7	15	244	111	622	22	450	808	100	760	56	286
20	1,064	1,525	53	08	2,006	507	3,566	02	2,758	4,519	525	4,008	301	1,753
21	3	.....	.....	6	356	73	33	2	14	.....	.....	11	.....	3
22	20	.....	.....	62	3,031	200	144	13	130	.....	.....	120	.....	12
23	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	37	.....	.....	.....	.....	.....	.....	.....
25	13	.....	51	670	30	70	.....	292	12	114	.....	.....	104	4
26	3,180	300	75,000	809,375	1,900	20,805	.....	266,040	000	71,245	.....	.....	152,025	3,440
27	4	11	121	23	18	.....	05	20	.....	13	.....	5	178	.....
28	750	5,800	50,750	0,900	1,800	.....	15,400	8,200	.....	6,150	.....	1,700	91,150	.....
29	188	372	152	257	29	3,406	411	12	1,570	461	882	342	1,322	163
30	80,100	140,800	58,200	1,145	9,800	1,074,000	230,700	5,400	880,800	108,600	410,000	184,000	528,600	86,200
31	.....	.....	.....	2	08	.....	138	.....	.....	.....	3	.....	.....	7
32	.....	.....	.....	800	50,000	700	58,600	.....	.....	.....	1,200	.....	.....	5,200
33	3,089	26	28	1,797	5,070	1,636	2,162	2,465	7	48	8	198	32	107
34	59,430	766	704	43,488	103,218	36,609	35,829	51,875	170	1,200	230	2,955	713	1,098
35	59,370	.....	.....	42,883	103,032	36,004	35,615	51,841	.....	1,035	05	2,759	128	718
36	.....	.....	.....	30	8	.....	.....	.....	.....	.....	4	.....	1	11
37	2,500	13,235	19,344	900	1,849	2,400	4,103	725	1,500	8,530	1,600	380	15,924	29,375
38	.....	.....	.....	600	287	.....	.....	.....	.....	.....	.....	.....	450	650
39	676	987	1,796	2,744	752	1,778	1,280	902	771	1,205	082	548	1,120	1,209
40	5,977	1,716	0	45,867	3,691	477	4,492	204	1,696	.....	880	1,522	220	401
41	281	2,724	0	15,659	5,492	193	22,008	216	2,445	.....	1,514	2,790	.....	604
42	2,632,000	.....	.....	812,738	33,200	45,850	00	60,475	1,245	25,000	.....	5,700	200	5,025
43	9,500	.....	.....	19,385	180	300	4	169	13	.....	165	.....	.....	102
44	19,645	417,035	1,084,150	59,856	2,425	11,295	39,786	4,374	12,950	303,051	4,815	25,818	47,800	180,440
45	242,000	5,927,345	11,872,900	335,750	16,400	71,530	457,570	54,680	55,850	3,025,805	54,850	134,040	647,900	1,620,280
46	121,700	642,460	425,514	229,345	33,967	100,029	267,371	2,158	054,380	1,175,514	746,355	580,030	349,800	576,366
47	81,897	593,808	360,749	150,511	21,338	147,876	180,143	12,804	824,008	845,707	597,395	522,993	436,913	450,131
48	1,696	2,500	.....	0,028	36,303	17	2,770	17,084	.....	3	.....	24	43	179
49	57,350	12,500	.....	383,940	1,683,013	.....	141,425	461,171	.....	1,000	.....	3,000	2,000	13,100

RECEIPTS, BY MUNICIPALITIES: 1909.

1	218	448	550	524	588	313	473	148	329	365	230	358	296	242
2	102,918	56,623	51,243	103,007	213,784	414,124	68,124	140,400	157,020	92,402	26,640	81,336	70,732	32,152
3	6,395	6,903	16,960	23,105	13,957	11,090	15,553	14,601	25,985	29,708	4,467	6,132	16,955	6,450
4	60	.....	.....	68	12	90	113	17	34	11	45	1	39	1
5	9,739	.....	.....	21,370	2,217	73,741	10,819	17,107	20,504	270	2,208	720	4,640	50
6	24	1	42	103	230	30	27	32	32	34	5	3	42	20
7	1,739	30	425	4,578	5,341	7,551	407	1,454	2,283	1,633	514	258	510	195
8	148	4,324	3,566	3,474	23,217	5,456	1,056	1,370	3,132	2,007	2,028	5,927	474	1,191

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

	Culebra.	Dorado.	Fajardo.	Guayama.	Guayana- nilla.	Gurabo.	Hatillo.	Humacao.	Isabela.	
<b>VALUE OF ALL CROPS</b>										
1	<b>Total</b> .....dollars..	9,233	230,026	505,796	443,094	239,876	591,790	153,899	515,426	381,832
2	Cereals (corn, rice, and milo maize).....dollars..	765	1,214	1,938	3,692	28,297	2,339	9,844	20,136	23,582
3	Coffee.....dollars..		3,415	1,081	30,499	73,397	6,366	20,382	8,978	58,924
4	Other grains (dry edible beans, dry peas, and peanuts).....dollars..	150	88	168	931	3,184	410	11,599	698	27,775
5	Hay and forage.....dollars..		11,369		2,211		575	210	4,355	3,217
6	Tobacco.....dollars..	219	1,833	270	214	2,865	12,561	30,386	61,769	57,771
7	Sugar cane.....dollars..		102,445	462,330	383,367	108,370	552,933	32,270	332,580	115,233
8	Vegetables (potatoes, sweet potatoes and yams, and other vegetables).....dollars..	1,500	4,800	18,895	4,711	4,369	13,653	18,400	50,324	43,347
9	Tropical fruits, grapes, and nuts.....dollars..	6,535	44,715	21,084	17,448	18,797	3,528	27,442	20,920	34,443
10	Sundry minor crops.....dollars..	54	87	30	21	22		3,357	666	17,540
<b>SELECTED CROPS (acres and quantity)</b>										
<b>Cereals:</b>										
11	Corn.....acres..	68	44	53	419	1,750	305	1,144	738	1,800
12	.....bushels..	608	970	826	2,009	26,328	2,445	9,206	7,327	15,195
13	Rice.....acres..			38	234	140	62	28	740	266
14	.....bushels..		4	351	1,233	871	302	238	9,822	4,578
15	Milo maize.....acres..					18				
16	.....bushels..					105				
17	Coffee.....acres..		107	81	1,046	2,372	284	567	108	1,042
18	.....pounds..		39,275	10,800	331,900	721,340	71,100	205,600	92,600	600,600
<b>Other grains:</b>										
19	Dry edible beans.....acres..	14	6	4	87	219	46	824	34	2,056
20	.....bushels..	67	30	55	479	923	186	4,718	256	13,217
21	Dry peas.....acres..	1			3	319		121	14	145
22	.....bushels..	10			33	1,610		692	118	797
23	Peanuts.....acres..				1	1				14
24	.....bushels..				2	7				170
<b>Hay and forage:</b>										
25	Malojillo.....acres..		251			10			47	4
26	.....bundles..		280,700			2,000			86,300	1,500
27	Yorba Guinea.....acres..		8		165	62		14		90
28	.....bundles..		9,850		44,220	9,500		4,200		31,920
<b>Special crops:</b>										
29	Tobacco.....acres..	6	35	4	6	64	188	647	527	1,244
30	.....pounds..	2,100	17,800	2,800	1,800	30,900	85,400	389,100	281,875	779,400
31	Cotton.....acres..	2						136	10	537
32	.....pounds..	1,000			300			62,500	2,000	249,700
33	Sugar cane grown.....acres..		1,617	5,464	4,242	1,751	933	515	5,344	1,597
34	.....tons..		41,796	118,051	100,243	47,913	22,483	9,050	94,876	28,944
35	Sugar cane sold as such.....tons..		41,464	118,049	94,243	47,784	22,395	9,009	94,635	28,192
36	Sugar (made).....tons..		30			6			10	25
37	Sirup (made).....gallons..		304	20	12,000	150	2,100	1,025	1,819	4,900
38	Molasses (made).....gallons..		1,000		640				300	1,100
39	Vegetables.....acres..	67	201	525	469	310	702	1,539	1,972	2,709
<b>FRUITS AND NUTS</b>										
<b>Tropical fruits:</b>										
40	Chinas.....trees..		4,427	33,012	4,148	7,100	10	775	783	3,323
41	.....boxes..		4,675	3,910	2,421	13,651	45	974	1,481	7,354
42	Piñas.....plants..		1,061,650	7	300	1	5,000		15,902	
43	.....boxes..		11,093		15		225		269	
44	Plátanos.....trees..		4,015	12,827	51,082	13,905	200	15,340	20,469	33,107
45	.....number..		36,580	71,665	185,249	328,033	30,376	4,200	311,025	343,267
46	Guineos.....trees..		8,943	17,508	178,682	527,536	46,300	269,325		259,561
47	.....bunches..		3,105	7,709	12,000	168,166	29,130	231,965		190,798
48	Nuts (coconuts).....trees..		11,535	5,203	13,261	3,125	33	3,248	11,300	9,572
49	.....number..		427,521	459,242	215,100	235,461	17,000	244,000	624,023	632,312

TABLE 5.—SELECTED FARM EXPENSES AND

1	<b>Labor</b> .....Farms reporting.....	52	60	232	164	274	59	384	529	534
2	.....Cash expended.....dollars..	0,205	80,562	336,027	244,342	238,606	57,530	38,453	304,800	50,832
3	.....Rent and board furnished.....dollars..	232	2,988	60,052	2,309	7,044	1,456	12,429	22,588	10,402
4	<b>Fertilizer</b> .....Farms reporting.....		14	30	11	6	8	21	15	71
5	.....Amount expended.....dollars..		12,081	40,288	11,800	1,079	6,187	2,564	21,693	4,779
6	<b>Feed</b> .....Farms reporting.....	1	14	5	8	141	4	56	15	41
7	.....Amount expended.....dollars..	3	1,268	2,642	1,729	1,050	318	1,259	1,639	560
8	<b>Receipts from sale of feedable crops</b> .....dollars..	455	113	583	2,074	22,653	522	3,406	6,333	8,456

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

	Juana Diaz.	Juncos.	Lajas.	Lares.	Las Marias.	Loiza.	Manati.	Maricao.	Mannabo.	Mayaguez.	Moca.	Morovis.	Naguabo.	Naranjito.
1	921,809	264,807	246,919	499,458	389,133	162,689	383,064	327,823	136,786	991,870	254,471	159,786	408,727	112,214
2	21,071	3,389	32,300	15,670	1,505	3,524	2,303	400	0,345	5,925	13,410	12,519	9,714	10,500
3	102,121	6,505	4,795	401,728	328,319	15,958	15,163	296,051	5,442	408,170	97,943	61,359	2,952	24,317
4	2,849	1,147	1,802	22,307	1,062	1,035	2,212	240	435	1,284	15,163	4,472	12	715
5	35,276	5,743	400	765	192	1,040	2,671	609	112	17,521	180	605	1,825	432
6	17,737	60,905	142	182	.....	1,502	12,542	.....	4,250	509	238	13,877	1,525	10,551
7	595,942	155,571	193,408	7,450	10,336	112,513	290,184	12,077	113,252	430,074	60,280	25,685	350,706	1,380
8	31,790	10,223	798	15,102	3,977	9,994	8,021	410	4,448	26,639	20,035	18,471	25,222	22,703
9	54,901	1,308	10,122	35,851	32,858	10,387	40,046	17,070	2,406	94,810	40,708	22,738	16,536	32,421
10	56	16	3,152	403	1,824	736	22	.....	.....	938	405	.....	175	195
11	1,528	401	2,708	1,738	165	278	373	58	305	477	1,137	863	120	652
12	18,288	3,429	34,508	18,759	1,198	2,082	2,032	426	2,144	4,602	8,253	5,274	1,791	5,485
13	400	32	8	34	20	112	5	.....	203	15	294	625	231	436
14	4,082	311	87	231	198	644	37	.....	3,347	160	2,516	4,062	4,244	3,082
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	5,026	174	131	15,095	12,000	770	543	10,532	174	12,639	3,284	2,123	75	1,007
18	1,578,225	64,300	50,100	3,998,500	3,271,350	181,100	100,550	2,927,300	54,100	3,988,450	987,300	619,800	29,300	265,000
19	157	116	46	1,584	48	78	194	13	81	25	573	400	.....	57
20	1,361	700	278	8,914	303	437	959	93	162	164	3,838	2,015	.....	257
21	60	.....	193	161	14	7	1	5	70	282	4	.....	.....	.....
22	680	.....	1,173	993	73	93	8	7	25	573	2,007	13	7	8
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	20	274	70	3	.....	32	78	.....	5	447	.....	28	60	15
26	3,600	92,060	30,000	1,804	.....	5,430	30,245	.....	1,820	237,870	.....	11,540	36,500	8,900
27	2,179	127	50	131	13	20	1	20	2	121	4	5	.....	3
28	1,752,103	11,400	5,000	20,710	16,400	15,325	1,500	14,800	400	98,200	1,600	1,700	.....	1,350
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	332	911	5	3	.....	30	334	.....	76	12	7	345	14	345
31	185,100	499,900	1,400	1,700	.....	12,500	134,950	.....	35,000	4,200	2,700	111,300	8,000	105,000
32	.....	.....	138	2	43	27	.....	.....	.....	1	10	.....	.....	.....
33	4,614	1,822	2,746	123	303	1,543	3,118	.....	205	1,129	6,007	1,213	291	18
34	124,337	39,247	66,400	2,338	5,182	27,745	82,623	3,045	28,225	107,160	10,614	6,620	91,223	368
35	123,217	39,247	56,340	1,400	4,139	27,745	82,423	2,940	28,225	106,452	15,301	4,963	65,775	.....
36	90	.....	7	29	52	.....	.....	3	.....	60	7	.....	.....	.....
37	3,300	.....	.....	3,855	2,273	.....	.....	590	.....	3,905	8,601	20,807	1,372	7,625
38	280	.....	.....	1,040	1,316	.....	.....	175	.....	4,630	600	.....	.....	.....
39	1,618	571	66	1,352	188	1,021	865	14	293	972	2,281	1,190	848	1,248
40	13,934	403	660	18,058	14,115	693	4,350	27,462	340	45,155	8,214	343	219	1,102
41	18,361	1,046	748	53,501	41,958	2,399	430	32,027	780	84,329	17,116	418	1,351	1,274
42	500	200	564,480	1,340	11,941	99,384	1,136,000	1,020	19	263,674	200	.....	69	409
43	30	15	15,694	59	321	781	13,648	21	4	2,007	.....	.....	3	18
44	310,978	1,745	1,500	35,827	12,046	10,366	24,385	24,710	63	12,413	34,484	108,205	20,700	137,733
45	915,830	14,800	6,025	424,624	126,200	22,100	306,376	14,800	700	138,015	375,450	374,355	271,400	1,334,655
46	1,320,617	4,691	5,540	1,096,383	639,445	38,140	182,880	207,600	7,742	494,735	441,861	541,425	18,725	418,837
47	824,777	3,965	2,343	722,647	459,980	28,157	100,908	220,033	7,752	432,021	312,495	325,595	14,685	350,089
48	483	120	611	369	135	28,640	2,840	180	2,047	22,704	2,371	35	11,452	242
49	36,305	14,500	45,500	11,368	9,602	1,161,910	98,391	10,900	88,800	1,356,880	320,550	1,830	1,182,720	14,254

RECEIPTS, BY MUNICIPALITIES, 1909—Continued.

1	481	110	240	480	354	103	260	184	182	747	304	327	255	208
2	347,401	140,808	124,045	171,311	155,137	66,514	175,805	172,843	20,635	426,204	42,572	41,912	270,417	26,074
3	21,124	4,051	11,424	24,758	10,475	1,847	6,016	17,058	0,532	35,111	3,974	11,004	10,417	7,875
4	6	.....	1	13	76	6	74	64	7	23	17	13	7	10
5	48,551	23,425	1,000	1,207	2,728	4,677	17,708	5,370	24,895	5,010	1,160	698	0,170	2,420
6	42	14	93	98	170	9	70	125	.....	635	12	112	51	67
7	2,194	1,800	1,809	4,914	6,486	456	1,834	8,161	.....	14,042	192	1,690	251	365
8	8,068	227	25,553	7,460	359	1,252	464	98	1,179	7,089	2,350	2,661	3,130	2,462

AGRICULTURE—PORTO RICO.

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

		Patillas.	Penuelas.	Ponco.	Quebradillas.	Rincon.	Rio Grande.	Rio Piedras.	Sabana Grande.	Salinas.
<b>VALUE OF ALL CROPS</b>										
1	Total.....	dollars.. 445,335	307,047	1,290,462	147,113	189,854	355,169	516,335	149,344	481,937
2	Cereals (corn, rice, and milo maize).....	dollars.. 15,752	17,152	14,438	4,804	8,453	2,028	4,801	20,010	3,616
3	Coffee.....	dollars.. 47,883	69,575	292,777	31,288	7,566	14,104	28,685	25,777	4,878
4	Other grains (dry edible beans, dry peas, and peanuts).....	dollars.. 1,710	6,420	2,635	5,567	9,472	141	3,360	4,106	4,197
5	Hay and forage.....	dollars.. 4,770	2,023	31,739	1,501	.....	1,850	27,458	816	.....
6	Tobacco.....	dollars.. 319,316	171,100	846,844	76,194	139,773	208,317	85,005	61,102	454,420
7	Sugar cane.....	dollars.. 32,857	4,040	20,504	10,064	7,821	28,468	33,605	6,805	6,231
8	Vegetables (potatoes, sweet potatoes and yams, and other vegetables).....	dollars.. 23,022	35,531	77,300	10,180	16,714	9,232	331,973	3,148	5,967
9	Tropical fruits, grapes, and nuts.....	dollars.. 16	696	1,468	987	25	104	130	627	.....
10	Sundry minor crops.....	dollars.. ..	.....	.....	.....	.....	.....	.....	.....	.....
<b>SELECTED CROPS (acres and quantity)</b>										
<b>Cereals:</b>										
11	Corn.....	acres 494	1,399	1,035	576	567	117	466	2,263	415
12	bushels.....	9,618	17,375	13,294	4,662	4,345	929	3,665	21,158	4,103
13	Rice.....	acres 503	19	7	0	154	126	100	150	26
14	bushels.....	6,313	126	71	96	2,366	1,169	1,020	1,031	273
15	Milo maize.....	acres 5	5	.....	.....	63	.....	.....	129	.....
16	bushels.....	.....	30	.....	.....	537	.....	.....	620	.....
17	Coffee.....	acres 1,616	2,701	8,850	977	194	813	880	916	272
18	pounds.....	497,000	671,680	2,930,800	319,800	76,400	151,825	309,600	252,600	50,000
<b>Other grains:</b>										
19	Dry edible beans.....	acres 80	263	196	318	91	4	164	181	218
20	bushels.....	630	1,228	1,071	2,328	385	32	1,055	762	1,598
21	Dry peas.....	acres 457	39	48	780	6	81	385	2	.....
22	bushels.....	6	3,460	217	277	3,076	42	1,343	2,102	18
23	Peanuts.....	acres 2	.....	.....	2	1	.....	.....	8	5
24	bushels.....	.....	.....	.....	20	6	.....	.....	166	166
<b>Hay and forage:</b>										
25	Matojillo.....	acres 4	.....	126	3	.....	412	710	20	.....
26	bundles.....	1,500	.....	35,150	1,200	.....	137,460	796,905	7,500	.....
27	Yerba Guinea.....	acres 432	.....	3,115	155	.....	117	14	8	.....
28	bundles.....	23,130	.....	1,017,640	31,300	.....	38,900	16,055	1,300	.....
<b>Special crops:</b>										
29	Tobacco.....	acres 85	6	36	333	.....	.....	22	572	296
30	pounds.....	42,700	2,100	17,900	153,400	.....	200	8,200	148,000	140,300
31	Cotton.....	acres 10	.....	.....	60	.....	3	.....	.....	.....
32	pounds.....	.....	300	.....	17,000	.....	1,200	.....	.....	.....
33	Sugar cane grown.....	acres 2,452	1,240	6,198	1,208	1,776	2,492	991	1,140	4,380
34	tons.....	55,712	42,510	180,885	20,820	36,080	69,882	20,091	15,678	104,165
35	Sugar cane sold as such.....	tons 55,692	42,306	180,655	20,735	35,940	69,532	20,451	14,760	104,165
36	Sugar (made).....	tons 20	10	.....	.....	.....	4	.....	21	.....
37	Sirup (made).....	gallons 210	300	2,800	1,220	2,904	.....	9,300	290	.....
38	Molasses (made).....	gallons 2,000	700	.....	.....	.....	.....	500	.....	.....
39	Vegetables.....	acres 1,250	269	927	687	596	1,082	1,423	804	262
<b>FRUITS AND NUTS</b>										
<b>Tropical fruits:</b>										
40	Chinas.....	trees 1,061	14,080	13,291	4,303	1,076	409	23,860	664	132
41	boxes.....	2,084	25,123	30,246	7,180	3,469	315	11,300	1,438	72
42	Piñas.....	plants 900	1,200	5,341	600	1,500	476	5,387,305	40	.....
43	boxes.....	74	48	624	21	63	17	259,420	2	.....
44	Plátanos.....	trees 37,460	28,689	63,980	3,030	1,940	13,195	78,445	6,643	10,337
45	number.....	365,700	268,850	1,303,414	33,280	4,885	123,705	887,012	37,250	54,540
46	Guineos.....	trees 157,705	533,369	415,942	68,281	36,440	16,620	176,849	10,837	121,080
47	bunches.....	172,840	281,767	692,798	58,214	21,969	11,208	166,183	8,794	102,010
48	Nuts (coconuts).....	trees 6,152	404	2,079	2,180	13,462	10,389	3,329	792	24
49	number.....	118,605	32,285	166,711	96,500	617,850	397,806	271,753	20,150	4,000

TABLE 5.—SELECTED FARM EXPENSES AND

1	Labor.....	Farms reporting.....	287	199	542	258	237	128	259	207	66
2	Cash expended.....	dollars.. 147,848	102,198	366,772	27,859	64,135	144,507	203,586	49,318	504,720	
3	Rent and board furnished.....	dollars.. 15,656	9,631	41,126	8,516	1,934	1,022	17,321	4,090	17,801	
4	Fertilizer.....	Farms reporting.....	10	7	16	81	5	56	4	7	
5	Amount expended.....	dollars.. 27,025	12,255	30,529	10,201	110	8,655	27,798	88	19,846	
6	Feed.....	Farms reporting.....	10	63	160	7	38	13	44	27	13
7	Amount expended.....	dollars.. 592	652	12,061	633	9,300	393	9,650	1,228	9,592	
8	Receipts from sale of feedable crops.....	dollars.. 1,432	14,063	15,907	1,158	2,095	151	10,329	11,629	1,611	



AGRICULTURE—PORTO RICO.

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

	San German.	San Juan.	San Lorenzo.	San Sebastian.	Santa Isabel.	Ton Alta.	Toa Baja.	Trujillo Alto.	Utua.	Vega Alta.	Vega Baja.	Vicques.	Yabucoa.	Yauco.
1	428,698	96,379	107,843	365,537	201,163	101,938	305,671	114,747	1,072,951	173,119	255,227	674,058	447,086	1,045,578
2	15,149	4	11,169	20,899	1,018	8,209	219	5,862	36,432	2,434	2,791	859	30,905	23,849
3	129,926	.....	14,810	207,150	.....	7,462	124	3,066	698,051	5,366	8,475	.....	7,075	175,069
4	5,523	48	1,051	20,784	.....	2,471	.....	2,460	40,169	558	2,340	24	22	7,482
5	2,338	2,753	.....	940	2,700	18	2,921	799	9,148	2,000	1,559	.....	.....	971
6	6,828	.....	26,041	38	3,207	15,895	260	.....	42,930	5,202	14,429	670	12,905	27,598
7	227,513	88,800	33,723	27,059	190,074	28,726	215,468	13,521	8,360	136,027	103,479	604,387	344,565	770,020
8	10,495	635	13,139	20,308	927	14,600	3,728	20,646	62,000	11,243	13,207	5,574	40,404	10,634
9	28,815	4,139	7,900	58,009	2,637	24,581	82,951	68,393	165,255	10,519	48,932	741	11,178	27,496
10	2,111	.....	10	1,350	.....	16	.....	1,607	1,607	770	15	1,800	32	1,850
11	1,451	.....	1,170	1,820	57	921	28	400	3,107	288	265	68	855	2,457
12	11,102	3	6,071	10,224	933	7,180	191	3,923	28,116	1,842	2,595	671	9,213	24,121
13	214	.....	773	583	.....	112	.....	99	287	2	11	.....	882	133
14	1,404	.....	4,916	4,036	.....	1,324	.....	1,200	2,289	16	153	.....	12,571	864
15	27	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	69	69
16	154	.....	.....	.....	.....	.....	.....	.....	18	.....	.....	.....	322	322
17	4,185	.....	630	10,091	.....	180	8	77	22,596	180	205	.....	128	5,622
18	1,346,675	.....	170,336	2,101,300	.....	76,300	1,300	320	6,936,000	61,238	83,100	.....	72,700	1,083,305
19	204	.....	105	1,632	.....	134	.....	136	2,884	51	116	1	.....	300
20	1,011	.....	588	10,583	.....	1,005	.....	821	19,642	218	907	15	7	1,716
21	494	2	9	315	.....	.....	.....	5	37	5	5	.....	.....	910
22	2,898	30	95	2,279	.....	.....	.....	63	272	5	18	.....	.....	4,670
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	3
25	43	24	.....	10	10	6	8	20	20	10	81	.....	.....	88
26	13,800	17,850	.....	7,100	4,000	600	94,000	12,780	18,400	40,000	23,140	.....	.....	24,500
27	57	55	.....	21	300	.....	6	8	170	.....	299	.....	.....	24
28	30,385	43,020	.....	7,380	60,000	.....	1,500	3,200	103,105	.....	18,930	.....	.....	15,430
29	188	.....	650	2	71	182	9	.....	756	108	232	8	154	669
30	48,800	.....	178,100	600	30,300	121,500	7,500	.....	383,200	52,200	136,200	4,300	95,500	182,985
31	27	.....	40	.....	.....	.....	.....	.....	14	.....	39	.....	42	42
32	20,800	.....	4,000	.....	.....	.....	.....	.....	4,800	.....	30,000	.....	18,720	18,720
33	4,087	648	360	597	3,071	304	2,105	171	100	2,030	2,547	7,222	3,827	7,542
34	56,523	10,720	8,733	10,063	74,810	6,986	55,405	3,240	3,119	38,318	44,890	172,525	80,000	109,305
35	53,929	10,720	8,269	6,535	40,810	6,786	55,405	3,240	2,533	38,191	44,858	172,525	80,000	104,155
36	362	.....	85	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
37	400	.....	870	20,640	250,000	6,000	.....	.....	3,790	4,190	700	.....	.....	3,200
38	9,249	.....	2,386	1,140	.....	.....	.....	.....	1,406	.....	.....	.....	.....	410
39	834	10	1,313	1,992	41	932	157	833	3,002	755	693	102	1,331	944
40	14,684	30	87	19,120	.....	6,610	14,713	9,093	35,215	3,462	5,218	.....	240	20,777
41	15,423	30	10	38,997	.....	2,075	2,859	4,249	30,781	1,012	1,606	.....	364	40,957
42	2,952	54,000	35	850	8,027	632,000	1,032,893	605,000	11,497	101,600	802,000	.....	102	118
43	206	335	1,100	38	600	11,500	32,574	30,089	483	460	22,187	.....	4	13
44	3,412	.....	41,590	202,696	.....	1,843	750	5,720	989,212	3,400	3,707	.....	3,984	4,837
45	41,215	.....	127,550	1,035,883	.....	18,425	6,500	51,400	5,102,028	61,700	29,900	35,700	84,450	62,285
46	110,444	.....	157,920	809,100	19,200	56,064	3,098	20,490	3,882,231	72,123	133,330	350	73,021	200,554
47	70,247	.....	103,827	598,528	18,750	42,920	2,755	17,157	2,031,222	53,836	131,050	350	71,420	225,502
48	4,060	4,119	30	1,415	359	804	1,477	300	489	739	6,741	800	858	992
49	359,937	382,000	1,100	149,297	19,000	114,650	82,450	19,801	28,188	40,500	133,841	20,000	115,200	100,331

RECEIPTS, BY MUNICIPALITIES: 1909—Continued.

1	518	19	143	489	35	108	110	107	1,043	86	196	78	202	397
2	162,304	33,993	38,128	87,779	200,525	47,896	100,257	32,583	286,032	148,099	171,356	547,711	210,021	493,209
3	23,389	675	3,874	12,794	9,519	8,220	258	1,543	72,406	6,195	13,260	17,237	12,674	38,107
4	9	3	23	105	7	11	28	12	30	11	39	1	9	24
5	4,217	1,315	4,132	1,598	21,150	3,579	21,855	4,555	2,020	7,052	20,838	1,000	24,519	89,208
6	332	3	5	55	7	10	52	44	143	21	60	3	13	221
7	7,093	523	1,276	2,013	2,255	1,270	2,026	1,151	4,123	235	2,057	105	350	6,448
8	6,695	281	1,122	4,437	620	3,940	78	593	15,710	468	161	271	18,361	15,076

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

	THE TERRITORY.	Adjuntas.	Aguada.	Aguadilla.	Aguas Buenas.	Albonito.	Anasco.	Arecibo.	Arroyo.	Barceloneta.
1	Inclusures reporting domestic animals.....	3,236	123	4	10	10	1	70	23	.....
2	Value of domestic animals.....dollars..	278,058	6,583	180	2,923	252	4,716	11,330	3,616	.....
3	<b>Cattle:</b>									
4	Total number.....	1,850	106	6	1	8	71	70	.....	.....
5	Value.....dollars..	51,576	3,107	165	25	131	2,656	1,985	.....	.....
6	Number of dairy cows.....	592	42	2	.....	4	24	28	.....	.....
7	<b>Horses:</b>									
8	Total number.....	2,976	92	.....	38	1	2	26	170	56
9	Value.....dollars..	171,773	2,725	.....	2,875	100	60	2,035	8,965	3,555
10	Number of mature horses.....	2,846	60	.....	38	1	2	26	163	56
11	<b>Mules and asses and burros:</b>									
12	Total number.....	221	2	.....	.....	.....	.....	.....	.....	1
13	Value.....dollars..	39,830	100	.....	.....	.....	.....	.....	.....	30
14	Number of mature mules.....	215	2	.....	.....	.....	.....	.....	.....	.....
15	<b>Swine:</b>									
16	Total number.....	3,051	151	5	3	.....	4	76	2	.....
17	Value.....dollars..	8,740	431	8	7	.....	12	319	8	.....
18	<b>Sheep and goats:</b>									
19	Total number.....	3,148	118	9	9	.....	5	35	15	.....
20	Value.....dollars..	6,130	220	16	16	21	13	61	23	.....

	Barranquitas.	Barros.	Bayamon.	Cabo Rojo.	Caguas.	Camuy.	Carolina.	Cayoy.	Ciales.	Cidra.
1	Inclusures reporting domestic animals.....	4	53	17	1	7	98	10	.....	9
2	Value of domestic animals.....dollars..	143	2,154	2,983	480	980	8,856	11,734	.....	312
3	<b>Cattle:</b>									
4	Total number.....	1	50	21	.....	.....	189	9	.....	4
5	Value.....dollars..	20	1,160	513	.....	.....	4,633	317	.....	100
6	Number of dairy cows.....	.....	16	2	.....	.....	71	3	.....	.....
7	<b>Horses:</b>									
8	Total number.....	2	19	45	12	16	93	23	.....	5
9	Value.....dollars..	120	750	2,395	480	980	3,262	3,677	.....	185
10	Number of mature horses.....	2	18	45	12	16	77	27	.....	5
11	<b>Mules and asses and burros:</b>									
12	Total number.....	.....	.....	.....	.....	.....	.....	43	.....	.....
13	Value.....dollars..	.....	.....	.....	.....	.....	.....	7,740	.....	.....
14	Number of mature mules.....	.....	.....	.....	.....	.....	.....	43	.....	.....
15	<b>Swine:</b>									
16	Total number.....	1	39	17	.....	.....	144	.....	.....	15
17	Value.....dollars..	3	139	42	.....	.....	595	.....	.....	27
18	<b>Sheep and goats:</b>									
19	Total number.....	.....	49	13	.....	.....	156	.....	.....	.....
20	Value.....dollars..	.....	105	33	.....	.....	366	.....	.....	.....

	Coamo.	Comerio.	Corozal.	Culebra.	Dorado.	Fajardo.	Guayama.	Guayanilla.	Gurabo.	Hatillo.
1	Inclusures reporting domestic animals.....	30	10	6	.....	34	104	178	1	.....
2	Value of domestic animals.....dollars..	1,704	1,447	22	.....	1,485	2,330	4,318	80	.....
3	<b>Cattle:</b>									
4	Total number.....	16	5	1	.....	36	96	78	5	.....
5	Value.....dollars..	264	250	10	.....	936	1,617	2,072	80	.....
6	Number of dairy cows.....	2	5	.....	.....	10	29	18	.....	.....
7	<b>Horses:</b>									
8	Total number.....	30	29	.....	.....	20	15	39	.....	.....
9	Value.....dollars..	1,255	1,100	.....	.....	474	329	1,400	.....	.....
10	Number of mature horses.....	29	29	.....	.....	16	7	32	.....	.....
11	<b>Mules and asses and burros:</b>									
12	Total number.....	1	.....	.....	.....	.....	.....	.....	.....	.....
13	Value.....dollars..	20	.....	.....	.....	.....	.....	.....	.....	.....
14	Number of mature mules.....	1	.....	.....	.....	.....	.....	.....	.....	.....
15	<b>Swine:</b>									
16	Total number.....	60	.....	3	.....	28	57	225	.....	.....
17	Value.....dollars..	105	.....	5	.....	63	173	480	.....	.....
18	<b>Sheep and goats:</b>									
19	Total number.....	37	2	6	.....	7	133	159	.....	.....
20	Value.....dollars..	60	7	7	.....	12	220	267	.....	.....

	Humacao.	Isabela.	Juana Diaz.	Juncos.	Lajas.	Lares.	Las Marias.	Lolza.	Manati.	Maricao.
1	Inclusures reporting domestic animals.....	21	7	119	29	79	10	33	.....	7
2	Value of domestic animals.....dollars..	455	747	3,020	1,969	4,528	704	304	701	611
3	<b>Cattle:</b>									
4	Total number.....	8	6	15	4	100	2	9	.....	2
5	Value.....dollars..	127	180	423	125	2,780	37	190	.....	46
6	Number of dairy cows.....	.....	.....	3	2	23	.....	3	.....	1
7	<b>Horses:</b>									
8	Total number.....	8	8	51	25	38	8	9	.....	9
9	Value.....dollars..	272	540	1,995	1,787	1,321	640	300	400	565
10	Number of mature horses.....	7	7	47	25	35	8	3	7	9
11	<b>Mules and asses and burros:</b>									
12	Total number.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Value.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Number of mature mules.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	<b>Swine:</b>									
16	Total number.....	14	5	122	5	171	9	21	.....	.....
17	Value.....dollars..	46	12	362	9	353	20	64	.....	.....
18	<b>Sheep and goats:</b>									
19	Total number.....	8	7	106	20	46	6	32	.....	.....
20	Value.....dollars..	10	15	246	68	74	7	47	.....	.....

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

	Maunabo.	Mayaguez	Moca.	Morovis.	Naguabo.	Naranjito.	Patillas.	Penuelas.	Ponce.	Quebradillas.
1 Inclosures reporting domestic animals	12	94	2		7		9	79	1,152	
2 Value of domestic animals.....dollars	2,175	10,338	131		1,114		1,087	1,992	61,462	
<b>Cattle:</b>										
3 Total number.....	31	37	3		2		7	27	186	
4 Value.....dollars	424	1,385	130		42		170	844	6,142	
5 Number of dairy cows.....	3	11					2	0	96	
<b>Horses:</b>										
6 Total number.....	41	288			18		24	17	575	
7 Value.....dollars	1,725	14,725			1,070		890	717	38,457	
8 Number of mature horses.....	35	287			18		22	16	571	
<b>Mules and asses and burros:</b>										
9 Total number.....		1							50	
10 Value.....dollars		30							10,680	
11 Number of mature mules.....		1							48	
<b>Swine:</b>										
12 Total number.....	9	37	1				5	124	1,224	
13 Value.....dollars	21	88	1				12	281	3,735	
<b>Sheep and goats:</b>										
14 Total number.....	5	47			2		4	102	1,138	
15 Value.....dollars	5	110			2		6	140	2,448	

	Rincon.	Rto Grande.	Rto Piedras.	Sabana Grande.	Salinas.	San Ger-man.	San Juan.	San Lo-renzo.	San So-bastian.	Santa Isabel.
1 Inclosures reporting domestic animals	13	23	18	13	1	70	363	2	1	35
2 Value of domestic animals.....dollars	340	1,225	2,560	2,024	28	5,128	75,053	78	5	2,261
<b>Cattle:</b>										
3 Total number.....	6	39	11	35		76	133	3		2
4 Value.....dollars	140	770	247	710		1,818	4,551	50		60
5 Number of dairy cows.....	1	7	4	3		6	47			
<b>Horses:</b>										
6 Total number.....	4	12	48	30		60	674	1		47
7 Value.....dollars	180	401	2,245	1,287		3,115	48,250	25		2,008
8 Number of mature horses.....	4	11	45	28		59	688	1		47
<b>Mules and asses and burros:</b>										
9 Total number.....						1	120			
10 Value.....dollars						20	21,090			
11 Number of mature mules.....							118			
<b>Swine:</b>										
12 Total number.....	9	28	5	6	6	42	95		1	18
13 Value.....dollars	15	52	28	14	20	144	299		3	82
<b>Sheep and goats:</b>										
14 Total number.....	14	2	17	10	4	22	367	3	2	48
15 Value.....dollars	14	2	40	13	8	31	853	3	2	111

	Toa Alta.	Toa Baja.	Trujillo Alto.	Utudo.	Vega Alta.	Vega Baja.	Vieques.	Yabucoa.	Yauco.
1 Inclosures reporting domestic animals	2	44		12		3	2	5	132
2 Value of domestic animals.....dollars	225	2,332		901		296	230	75	10,248
<b>Cattle:</b>									
3 Total number.....		23		3		6	1		309
4 Value.....dollars		455		90		250	40		9,399
5 Number of dairy cows.....		13		2					97
<b>Horses:</b>									
6 Total number.....	3	47		10		2	3	2	203
7 Value.....dollars	225	1,718		780		30	196	40	8,084
8 Number of mature horses.....	3	42		10		1	2	2	165
<b>Mules and asses and burros:</b>									
9 Total number.....		1							1
10 Value.....dollars		80							40
11 Number of mature mules.....		1							1
<b>Swine:</b>									
12 Total number.....		10		6		2		5	240
13 Value.....dollars		30		28		6		31	557
<b>Sheep and goats:</b>									
14 Total number.....		26		2		9		2	324
15 Value.....dollars		49		3		10		4	358