

NEW JERSEY.

FARMS AND FARM PROPERTY.

New Jersey ranks forty-fifth in area and eleventh in population among the states and territories of continental United States. The state of New Jersey rises from sea level along the greater part of its eastern and southern boundary to altitudes of 1,800 feet in the extreme northern portion of the state. Approximately one-half of the total area of the state lies between sea level and an elevation of 100 feet, while three-fourths of the area is below 500 feet in altitude. The southern three-fifths of the state lying to the southeast of a line drawn between Trenton and New Brunswick constitutes a Coastal Plain region of low altitude, which rises gently from the level of the Atlantic Ocean along its eastern margin to an elevated ridge about 200 feet in altitude, extending from the vicinity of Sandy Hook southwestward nearly parallel with the lower course of the Delaware River. Within this region the Delaware River and Delaware Bay are bordered by broad stretches of marine terraces rising from 10 to 80 feet above tide level. The drainage from this portion of the state is principally toward the Atlantic Ocean, although numerous short streams flow into the Delaware River and Delaware Bay. The prevailing soils lying between the elevated ridge and the Atlantic Ocean are sands and sandy loams, with numerous areas of swamp along the larger streams and around their headwaters, and with extensive tide-marsh areas along the coast line. The prevailing soils upon the terraces along the Delaware River and Bay are sandy loams and silt loams with some areas of extremely plastic clay. A considerable acreage of the most sandy land is not occupied for any intensive form of agriculture. The less sandy soils, particularly the sandy loams, are intensively cultivated, the leading crops being sweet potatoes, Irish potatoes, tomatoes, watermelons, and cantaloupes, while the heavier silt loams and clay soils yield excellent crops of corn, wheat, oats, and grass. Peaches are grown to excellent advantage upon some of the sandy loam soils.

Immediately to the northward from the Coastal Plain region is a low Piedmont section lying at an altitude of 50 to 250 feet above sea level and consisting of a rolling plain interrupted by high ridges of trap rock. The rolling portion of this plain is occupied chiefly by loam and clay soils of a deep red color, derived from the underlying Triassic rocks. These soils are well suited to general farming purposes. The northern portion of the state consists of the highlands immediately adjoining the Piedmont section and of a limited area in the extreme northwestern section where the Allegheny Ranges cross the Delaware River into New Jersey. All of the northern part of this highland area has been glaciated, while the portion

immediately adjoining the Piedmont section is occupied by residual soils similar to those of the western portion of the Piedmont area in more southern states.

The accompanying maps show by counties the proportion of the total land area which is in farms, and the average value of farm land per acre. Of the total land area of the state, 53.5 per cent is in farms. No counties in the state have as high as 90 per cent of their total area in farms, while two coast counties, Hudson and Ocean, show percentages of less than 20. Generally the eastern or coast counties show lower percentages than the western Delaware River counties. The three counties showing the highest percentages, namely, Hunterdon, Mercer, and Somerset, are grouped in the western half of the state, north of the great bend in the Delaware River. These counties have from 80 to 90 per cent of their area in farms.

The counties showing highest average value of farm land per acre, namely, Bergen, Hudson, Essex, Union, and Passaic, are in the extreme northeast section, which may be regarded as being more or less suburban to New York City. The counties showing high percentages of land area in farms do not show high average values per acre of farm land, the higher values being found in the region contributory to the metropolitan markets. It should be borne in mind that the average values are based upon total farm area, including unimproved land with improved land, and that the average is, therefore, far below the average value of the best farm land in the several counties.

Progress during the decade 1900 to 1910.—From 1900 to 1910 there was an increase in the population of the state of 653,498, or 34.7 per cent, while there was a decrease of 1,163, or 3.4 per cent, in the number of farms, and of 267,109 acres, or 9.4 per cent, in the acreage of farm land. The relative decrease in the acreage of farm land was so much greater than that in number of farms that the average size of farms decreased 5.1 acres.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased in value during the decade \$65,299,000, or 34.5 per cent. This great increase is chiefly made up of increases in value of \$23,761,000 in buildings and of \$30,782,000 in land, the decrease in acreage being more than offset by an advance of \$15.37, or 46.8 per cent, in average value of farm land per acre. There is also an increase of \$10,755,000 in the value of farm equipment, including implements and machinery and livestock, of which almost two-thirds represents a gain in the value of live stock. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

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

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	2, 537, 167	1, 883, 669	653, 498	34. 7
Number of all farms.....	33, 487	34, 650	-1, 163	-3. 4
Approximate land area of the state.....acres..	4, 808, 960	4, 808, 960	.....	.....
Land in farms.....acres..	2, 573, 857	2, 840, 966	-267, 109	-9. 4
Improved land in farms.....acres..	1, 803, 336	1, 977, 042	-173, 706	-8. 8
Average acres per farm.....	76. 9	82. 0	-5. 1	-6. 2
Value of farm property: Total.....	\$254, 832, 665	\$189, 533, 660	\$65, 299, 005	34. 5
Land.....	124, 143, 167	93, 360, 930	30, 782, 237	33. 0
Buildings.....	92, 991, 352	69, 230, 080	23, 761, 272	34. 3
Implements and machinery.....	13, 109, 507	9, 330, 030	3, 779, 477	40. 5
Domestic animals, poultry, and bees.....	24, 588, 639	17, 612, 620	6, 976, 019	39. 6
Average value of all property per farm.....	\$7, 610	\$5, 470	\$2, 140	39. 1
Average value of land per acre.....	\$48. 23	\$32. 86	\$15. 37	46. 8

¹ A minus sign (-) denotes decrease.

The average value of a farm with its equipment in 1900 was \$5,470, while 10 years later it was \$7,610. The average value of land rose from \$32.86 per acre in 1900 to \$48.23 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: 1850 to 1910.—The following table presents, for the state as a whole for each census from 1850 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- proved.
		Num- ber.	Per cent of in- crease. ¹	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910.....	2, 537, 167	33, 487	-3. 4	2, 573, 857	-9. 4	1, 803, 336	53. 5	70. 1
1900.....	1, 883, 669	34, 650	12. 4	2, 840, 966	6. 7	1, 977, 042	59. 1	69. 6
1890.....	1, 444, 933	30, 828	-10. 1	2, 662, 009	-9. 1	1, 993, 117	55. 4	75. 1
1880.....	1, 131, 116	34, 307	11. 9	2, 920, 773	-2. 0	2, 096, 297	60. 9	71. 5
1870.....	906, 096	30, 652	10. 9	2, 989, 511	0. 2	1, 976, 474	62. 2	66. 1
1860.....	672, 035	27, 646	15. 6	2, 933, 525	8. 4	1, 944, 441	62. 0	65. 2
1850.....	489, 555	23, 905	.....	2, 732, 946	.....	1, 767, 991	57. 2	64. 2

¹ A minus sign (-) denotes decrease.

In the 60 years since 1850 the population of the state has increased from 489,555 to 2,537,167, or more than fivefold.

The number of farms in New Jersey increased continuously from 1850 to 1880. In the decade 1880 to 1890 the number reported fell off, the decrease in this decade, however, being almost exactly offset by the increase in the decade 1890 to 1900. Since 1900, as

already noted, there has been a slight decrease, the number of farms in 1910 being somewhat less than in 1880. Farm acreage in the state has not changed materially during the whole period 1850 to 1910; the acreage in 1910 is, in fact, somewhat less than that reported for 1850. The land in farms constituted a smaller proportion of the total area of the state than shown at any previous census. The percentage in farms has, however, never been high in New Jersey, the maximum, 62.2, being reported for 1870. Acreage of improved land showed a slight increase at each census, 1850 to 1880; since 1880 it has decreased slightly during each decade. Improved acreage was, however, somewhat greater in 1910 than in 1850. The percentage of farm land improved increased continuously, during the period 1850 to 1890, from 64.2 to 75.1. It declined in the decade 1890 to 1900 to 69.6 and increased slightly in the last decade to 70.1.

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

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase.	Value.	Per cent of increase. ¹
1910.....	\$254, 832, 665	34. 5	\$217, 134, 519	33. 5	\$13, 109, 507	40. 5	\$24, 588, 639	39. 6
1900.....	189, 533, 660	3. 9	162, 591, 010	2. 1	9, 330, 030	26. 4	17, 612, 620	11. 4
1890.....	182, 452, 914	-14. 2	159, 262, 840	-16. 6	7, 378, 644	6. 6	15, 811, 430	6. 4
1880.....	212, 678, 330	-7. 3	190, 895, 833	-7. 3	6, 921, 085	9. 7	14, 861, 412	-13. 4
1870 ²	229, 483, 864	13. 5	206, 018, 701	14. 3	6, 310, 393	9. 8	17, 154, 770	6. 3
1860.....	202, 131, 598	49. 3	186, 250, 338	49. 9	5, 746, 567	20. 8	16, 134, 693	51. 1
1850.....	135, 842, 305	.....	120, 237, 511	.....	4, 425, 503	.....	10, 679, 291	.....

¹ A minus sign (-) denotes decrease.

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

The total wealth in the form of farm property is \$254,833,000, of which 85.2 per cent is represented by land and buildings, 5.1 per cent by implements and machinery, and 9.6 per cent by live stock. During the 20 years 1850 to 1870 the aggregate value of farm property increased from \$135,342,000 to \$229,484,000. In the succeeding 20 years the aggregate value declined to \$182,453,000, and in the 20 years 1890 to 1910 increased to \$254,833,000. The increase during the decade 1890 to 1900 was, however, inconsiderable. Since 1900 farm values have increased one-third, or 34.5 per cent. It is true of land and buildings as of total farm property that the increase during the last decade amounted to one-third of the value in 1900, being 33.5 per cent. The value of farm implements and machinery has shown an increase at each census, 1850 to 1910. The increase during the last decade, however, amounting to 40.5 per cent, is greater in amount than the increase from 1860 to 1900. The aggregate value reported for live stock has shown considerable fluctuations, but the increase during the last decade, from \$17,613,000 to \$24,589,000, amounts to 39.6 per cent.

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

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	76.9	\$7,610	\$6,484	\$391	\$734	\$84.36
1900.....	82.0	5,470	4,092	269	508	57.23
1890.....	86.4	5,918	5,166	239	513	59.83
1880.....	85.4	6,199	5,564	202	433	65.16
1870 ²	97.5	7,487	6,721	206	560	68.91
1860.....	107.9	7,311	6,520	208	584	60.42
1850.....	115.2	5,662	5,030	185	447	43.68

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

In average size the New Jersey farm, which was 76.9 acres in 1910, has shown a net decrease of 38.3 acres since 1850, the decrease being continuous except for a slight increase during the decade 1880 to 1890.

The average value of a farm, including its equipment, has advanced during the last decade from \$5,470 to \$7,610. Of this \$7,610, \$6,484 represents the value of land and buildings, \$734 the value of live stock, and \$391 the value of implements and machinery. The average value of farms increased from 1850 to 1870, and decreased at each decade from 1870 to 1900. It is now over one and one-third times as great as in 1850. During the last decade the value per acre of land and buildings has increased from \$57.23 to \$84.36, an increase of \$27.13 per acre. It may be

noted that at each of the three decades 1870 to 1900, the average value per acre had decreased, the maximum value reported at any census prior to 1910, \$68.91, being that for 1870. The average value per farm of equipment, which includes implements and machinery and live stock, is nearly twice as great as it was 60 years ago.

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

TENURE.	1910	1900	1890	1880
Number of all farms.....	33,487	34,650	30,828	34,307
Farms operated by owners and managers	25,193	24,295	22,442	25,869
Farms consisting of owned land only....	22,992	22,438	(¹)	(¹)
Farms consisting of owned and hired land.....	1,141	996	(¹)	(¹)
Farms operated by managers.....	1,060	861	(¹)	(¹)
Farms operated by tenants.....	8,294	10,355	8,386	8,438
Share tenants.....	3,921	5,058	4,937	4,830
Share-cash tenants ²	177			
Cash tenants.....	3,499	5,299	3,449	3,608
Tenure not specified ³	697			
Per cent of farms operated by—				
Owners and managers.....	75.2	70.1	72.8	75.4
Tenants.....	24.8	29.9	27.2	24.6
Share and share-cash.....	12.2	14.6	16.0	14.1
Cash and nonspecified.....	12.5	15.3	11.2	10.5

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

While there was a decrease of 1,163 in the total number of farms during the last decade, the number operated by owners and managers increased 898, and the number operated by tenants decreased 2,061.

In 1880 about one out of every four farms was operated by a tenant. This proportion increased during the next 20 years, until in 1900 three farms in every ten were so operated. In the last decade, however, a reversal of this movement has reduced the relative frequency of tenancy in 1910 to almost exactly what it was in 1880.

In 1910 the number of share tenants (including share-cash) was very nearly equal to the number of cash tenants (including nonspecified), cash tenancy showing a net increase and share tenancy a net decrease for the 30-year period 1880 to 1910. Both forms of tenancy have, however, decreased during the last decade.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	2,573,857	2,840,966	1,803,336	1,977,042	\$217,134,519	\$162,591,010
Owners.....	1,562,906	1,624,766	1,105,612	1,166,303	133,121,579	98,616,500
Managers.....	227,340	250,292	108,528	78,323	27,319,227	12,150,040
Tenants.....	783,611	965,908	591,196	732,416	56,693,713	51,824,470

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.....	72.1	67.6	60.7	57.2	61.3	59.0	61.3	60.7
Managers.....	3.2	2.5	8.8	8.8	5.9	4.0	12.6	7.5
Tenants.....	24.8	29.9	30.4	34.0	32.8	37.0	26.1	31.9

It will be seen that, in 1910, 60.7 per cent of all land in farms was in farms operated by owners (including part owners), 8.8 per cent in farms operated by managers, and 30.4 per cent in farms operated by tenants, the percentage for owners being higher, that for tenants lower, and that for managers the same as in 1900.

As shown by the next table, the average size of farms operated by managers in 1910 (214.5 acres) was more than twice as great as that of tenant farms (94.5 acres), which was in turn considerably larger than that of farms operated by owners (64.8 acres). The average size of farms operated by managers decreased decidedly between 1900 and 1910, while that of farms operated by owners also decreased, and that of tenant farms increased. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.	AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.			Per farm.		Per acre.	
	1910	1900	1910	1900		1910	1900	1910	1900
Total.....	76.9	82.0	53.9	57.1	70.1	69.6	\$6,484.84	\$84,368.73	
Owners.....	64.8	69.3	45.8	49.8	70.7	71.8	5,516.4	4,208.85	
Managers.....	214.5	290.7	106.5	91.0	46.9	31.3	25,773.14	112,120.17	
Tenants.....	94.5	93.3	71.3	70.7	75.4	75.8	6,836.5	5,005.72	

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

The following table relates to farms operated by persons owning all or part of the land and shows for 1910 (1) the number of such farms reported as free

from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	24,133		24,052		21,627	
Free from mortgage.....	11,983	50.4	11,104	48.1	11,080	51.1
Mortgaged.....	11,793	49.6	11,968	51.9	10,607	48.9
Unknown.....	357		980			

¹ Includes all farms owned in whole or in part by the operator.
² The 358 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 24,133. Of this number, 11,983 were reported as free from mortgage; 11,793 were reported as mortgaged; and for 357 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 49.6 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is slightly smaller than it was in 1900, which in turn was slightly larger than it was in 1890.

It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 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 mortgaged farms increased more than the number free from mortgage.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 11,793 farms reported as mortgaged, 11,195 are wholly owned by the farmers, and for 10,666 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 indebt-

edness, 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. ¹	
	1910 ²	1890 ³	Amount.	Per cent.
Number.....	10,666	10,607		
Value—Land and buildings.....	\$55,507,006	\$51,880,399		
Amount of mortgage debt.....	\$10,476,938	\$25,755,006		
Per cent of debt to value.....	35.1	49.6		
Average value per farm.....	\$5,204	\$4,891	\$313	6.4
Average debt per farm.....	\$1,826	\$2,428	-\$602	-24.8
Average equity per farm.....	\$3,378	\$2,463	\$915	37.1

¹ A minus sign (—) denotes decrease.
² Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.
³ Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms decreased in 20 years from \$2,428 to \$1,826, or 24.8 per cent, while the average value of such farms rose from \$4,891 to \$5,204, or 6.4 per cent. Thus the owner's equity increased from \$2,463 to \$3,378, or 37.1 per cent. As a result of the increase in farm value and the decrease in farm debt, the aggregate mortgage indebtedness, which was 49.6 per cent of the aggregate value of the mortgaged farms in 1890, had decreased to 35.1 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. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	33,487	34,650	-1,163	-3.4	100.0	100.0
Under 3 acres.....	541	771	-230	-29.8	1.6	2.2
3 to 9 acres.....	3,256	2,770	486	17.5	9.7	8.0
10 to 19 acres.....	4,276	4,044	232	5.7	12.8	11.7
20 to 49 acres.....	7,607	7,632	-25	-0.3	22.7	22.0
50 to 99 acres.....	8,194	8,882	-688	-7.7	24.5	25.6
100 to 174 acres.....	7,207	7,855	-648	-8.2	21.5	22.7
175 to 259 acres.....	1,659	1,862	-203	-10.9	5.0	5.4
260 to 499 acres.....	576	651	-75	-11.5	1.7	1.9
500 to 999 acres.....	112	110	2	1.8	0.3	0.3
1,000 acres and over.....	59	73	-14	-19.2	0.2	0.2

¹ A minus sign (—) denotes decrease.

A little over two-thirds of the farms in New Jersey are between 20 and 174 acres in size, and about one-fourth are between 3 and 19 acres. Except for an inconsiderable increase in the number of small farms, of 3 to 19 acres, and an increase of 2 in the number of farms 500 to 999 acres, fewer farms were reported for each size group in 1910 than in 1900. The increase and decrease have, however, been so inconsiderable and so generally distributed as to leave the proportion of farms in each size group not greatly changed.

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 8,073), and also the farms of between 175 and 499 acres (numbering 2,235):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	2,573,857	2,840,966	1,803,336	1,977,042	\$217,134,519	\$162,591,010
Under 20 acres.....	77,541	74,332	64,420	62,758	31,003,589	20,827,460
20 to 49 acres.....	243,806	240,077	187,500	191,908	33,700,754	26,845,090
50 to 99 acres.....	555,033	638,281	458,015	498,417	51,375,789	39,232,180
100 to 174 acres.....	911,564	991,720	698,575	769,425	59,041,617	46,780,250
175 to 499 acres.....	524,918	580,453	337,874	391,120	31,460,639	23,744,660
500 to 999 acres.....	70,426	67,903	30,888	27,255	5,129,585	3,339,130
1,000 acres and over.....	100,539	223,140	25,964	36,159	5,410,550	2,313,240

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.....	24.1	21.9	3.0	2.6	3.6	3.2	14.3	12.8
20 to 49 acres.....	22.7	22.0	9.5	8.8	10.4	9.7	15.5	16.2
50 to 99 acres.....	24.5	25.6	22.7	22.5	25.4	25.2	23.7	24.1
100 to 174 acres.....	21.5	22.7	35.4	34.9	38.7	33.9	27.2	28.8
175 to 499 acres.....	6.7	7.3	20.4	20.8	18.7	19.8	14.5	14.6
500 to 999 acres.....	0.3	0.3	2.7	2.4	1.7	1.4	2.4	2.1
1,000 acres and over.....	0.2	0.2	6.2	8.1	1.4	1.8	2.5	1.4

Of the total farm acreage of the state in 1910, 35.4 per cent was in farms of 100 to 174 acres, this being from the standpoint of aggregate acreage the most important size group. The farms of from 50 to 99 acres, and those of from 175 to 499 acres comprise, respectively, 22.7 per cent and 20.4 per cent of the total acreage. Between 1900 and 1910 there was an increase in the proportion of the total acreage comprised in the farms of each size group under 175 acres. There was a rather marked decline in the proportion of land in farms of 1,000 acres and over.

In general, as shown by the table below, 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 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. Many of the small farms in New Jersey are primarily places of

residence of wealthy persons, with expensive buildings, and many others are highly improved truck farms.

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.....	70.1	69.6	\$6,484	\$4,692	\$84.36	\$57.23
Under 20 acres.....	83.1	84.4	3,840	2,746	399.83	280.20
20 to 49 acres.....	76.9	77.0	4,431	3,452	138.23	105.77
50 to 99 acres.....	78.3	78.1	6,270	4,417	87.81	61.47
100 to 174 acres.....	76.6	77.6	8,192	5,957	64.77	47.18
175 to 499 acres.....	64.4	66.2	14,079	9,440	59.95	40.21
500 to 999 acres.....	44.0	49.1	45,800	30,356	72.84	49.13
1,000 acres and over.....	16.2	15.8	91,806	31,688	33.74	10.10

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.

Four out of every five farmers were native whites, 18.6 per cent foreign-born whites, and only 476, or 1.4 per cent, were nonwhite, 472 being negroes, 3 Japanese, and 1 Chinese. Of the native whites, 26.6 per cent were

tenants and 3.1 per cent managers, as compared with 15.7 and 3.3 per cent among foreign-born whites and 38.7 and 5.7 per cent among the nonwhite farmers.

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.....	33,487	100.0	24,133	8,294	1,060	72.1	24.8	3.2
Native white.....	26,796	80.0	18,833	7,137	826	70.3	26.6	3.1
Foreign-born white..	6,215	18.6	5,035	973	207	81.0	15.7	3.3
Negro and other nonwhite.....	476	1.4	265	184	27	55.7	38.7	5.7

Of the 6,215 foreign-born white farmers in New Jersey in 1910, 2,002 were born in Germany, 1,134 in Italy, 606 in England, 600 in Russia, 579 in Ireland, 215 in Austria, 136 in Switzerland, 133 in Holland, 129 in France, 128 in Scotland, 105 in Denmark, 92 in Sweden, 84 in Hungary, and 75 in Canada. Other European countries were represented by a total of 185 farmers, and non-European countries, other than Canada, by 12.

DOMESTIC ANIMALS, POULTRY, AND BEES.

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

Of the total number of farms enumerated, 30,941, or 92.4 per cent, report domestic animals of some kind, the number without any domestic animals being 2,546.

Of all the farms in the state, 76.8 per cent report cattle, 75.5 per cent reporting "dairy cows" and 14.1 per cent "other cows." Only 438 farms have cattle without having dairy cows. The total number of dairy cows decreased somewhat during the decade, but their average value increased from \$37.10 to \$46.25 each. The farms reporting dairy cows show an average of over 6 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 39,685 to 27,934, and the average value decreasing from \$8.82 to \$7.79.

Horses are reported by 85.8 per cent of all the farms in the state, but only 5 per cent report colts born in 1909 and 1.5 per cent report spring colts. A comparatively small difference is found in the average values of mature horses and spring colts, due to the fact that a large proportion of these colts are reported as thoroughbreds.

About one farmer in every eighteen reports mules. The average value of mature mules is higher than that of mature horses, while the mule colts are considerably lower in average value than the corresponding horse groups.

Of all farms, 47.9 per cent report swine, the average number being 9 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$10.79, while that of spring pigs is a little less than one-third as much.

Sheep and lambs are reported from only 878 farms, or 2.6 per cent of the farms in the state. The number of spring lambs is 88.4 per cent of the number of ewes. For the farms reporting ewes the average is over 19 ewes per farm.

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

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	30,941	92.4	.....	\$22,325,469	.....
Cattle	25,713	76.8	222,999	8,393,117	\$37.64
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	25,275	75.5	154,418	7,141,572	46.25
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	4,730	14.1	14,896	423,250	28.41
Heifers born in 1909.....	6,881	20.5	17,625	334,080	18.95
Calves born after Jan. 1, 1910.....	9,966	29.8	27,934	217,613	7.79
Steers and bulls born in 1909.....	2,583	7.7	3,904	93,383	25.20
Steers and bulls born before Jan. 1, 1909.....	3,159	9.4	4,222	178,219	42.21
Horses	23,732	85.8	88,922	12,012,512	135.09
Mares, stallions, and geldings born before Jan. 1, 1909.....	23,688	85.7	86,032	11,725,055	136.29
Colts born in 1909.....	1,684	5.0	2,207	201,762	91.42
Colts born after Jan. 1, 1910.....	495	1.5	683	83,695	125.47
Mules	1,878	5.6	4,041	621,774	153.87
Mules born before Jan. 1, 1909.....	1,833	5.5	3,900	616,389	155.65
Mule colts born in 1909.....	51	0.2	61	4,600	76.39
Mule colts born after Jan. 1, 1910.....	17	0.1	20	725	36.25
Asses and burros	31	0.1	53	5,274	99.51
Swine	16,051	47.9	147,005	1,127,040	7.67
Hogs and pigs born before Jan. 1, 1910.....	14,318	42.8	86,699	935,728	10.79
Pigs born after Jan. 1, 1910.....	5,746	17.2	60,306	191,312	3.17
Sheep	878	2.6	30,683	161,138	5.25
Ewes born before Jan. 1, 1910.....	818	2.4	15,719	93,277	5.93
Rams and wethers born before Jan. 1, 1910.....	367	1.1	1,076	8,341	7.75
Lambs born after Jan. 1, 1910.....	730	2.2	13,888	59,520	4.29
Goats	157	0.5	574	4,614	8.04

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	30,144	90.0	2,597,448	\$2,221,610	2,076,514
Chickens.....	30,076	89.8	2,320,439	2,012,792	1,993,594
Turkeys.....	2,379	7.1	10,647	31,778	32,378
Ducks.....	3,972	11.9	39,441	36,997	40,024
Geese.....	1,899	5.7	9,160	16,600	10,518
Guinea fowls.....	3,470	10.4	21,994	11,814	(*)
Pigeons.....	2,075	6.2	195,738	111,445	(*)
All other*.....	6	(*)	29	118	(*)

* Included with chickens.
 † Not reported.
 ‡ Three farms report 5 peafowls, valued at \$50; 2 farms report 18 pheasants, valued at \$50; and 1 farm reports 6 wild geese, valued at \$18.
 § Less than one-tenth of 1 per cent.

The increase in the number of fowls during the last decade amounts to 25.1 per cent, while the value increased from \$1,301,000 to \$2,222,000, or 70.8 per cent. The number of farms reporting poultry de-

creased from 30,958 to 30,144, or 2.6 per cent, the average number of fowls per farm reporting increasing from 67 to 86. 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 2,327 in 1900 to 1,627 in 1910, or 30.1 per cent. The number of colonies of bees decreased from 14,118 to 10,484, or 25.7 per cent, and their value increased from \$39,219 to \$41,560, or 6 per cent. The average value of bees per farm reporting was \$16.85 in 1900 and \$25.54 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 next table age groups are omitted for the sake of brevity, but it may be noted that in cities and villages a comparatively small proportion of the animals of each class are in the younger age groups.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total	40,871	.....	\$17,523,884	.....
All cattle.....	6,991	14,512	680,897	\$46.92
Dairy cows.....	6,702	11,369	619,859	52.23
Horses.....	35,815	96,384	16,476,601	170.95
Mules.....	47	1,519	259,491	170.83
Asses and burros.....	47	55	2,898	52.69
Swine.....	3,163	9,264	84,425	9.11
Sheep.....	42	207	3,049	14.73
Goats.....	1,219	2,111	16,503	7.82

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, consisting mainly of dairy cows, rank next in importance.

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

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total.....	.....	\$39,849,333	.....	\$22,325,469	.....	\$17,523,864
All cattle.....	237,511	9,074,014	222,999	8,393,117	14,512	680,897
Dairy cows.....	166,287	7,761,431	154,418	7,141,572	11,869	619,859
Horses.....	185,306	28,489,113	88,922	12,012,512	96,384	16,476,601
Mules.....	5,560	881,265	4,041	621,774	1,519	259,491
Asses and burros.....	108	8,172	53	5,274	55	2,898
Swine.....	156,269	1,211,465	147,005	1,127,040	9,264	84,425
Sheep.....	30,890	164,187	30,683	161,138	207	3,049
Goats.....	2,685	21,117	574	4,614	2,111	16,503

The total value of all domestic animals in the state in 1910 was \$39,849,000, of which the value of animals not on farms represented 44 per cent, this comparatively high proportion being attributable to the

urban character of a large part of the population of New Jersey.

The number of horses not on farms was somewhat larger than the number on 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, 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.....	25,275	75.5	154,418	Head	.....	.....
On farms reporting dairy products in 1909.....	22,266	66.5	144,274	Head	.....	.....
On farms reporting milk produced in 1909.....	20,073	59.9	129,807	Head	.....	.....
Specified dairy products, 1909:						
Milk reported.....			67,698,219	Gals.	.....	.....
Butter made.....	12,328	36.8	3,622,411	Lbs.	\$1,059,935	\$0.29
Cheese made.....	228	0.7	77,824	Lbs.	9,277	0.12
Milk sold.....	10,185	30.4	56,856,550	Gals.	\$,937,246	0.16
Cream sold.....	107	0.3	79,485	Gals.	76,398	0.96
Butter fat sold.....	238	0.7	249,537	Lbs.	73,743	0.30
Butter sold.....	7,193	21.5	2,603,029	Lbs.	593,526	0.30
Cheese sold.....	76	0.2	42,462	Lbs.	4,138	0.10
Total receipts from sales, 1909.....					9,685,352	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					10,156,600	.....
Specified dairy products, 1899:						
Butter made.....	17,111	49.4	5,894,363	Lbs.	.....	.....
Cheese made.....	53	0.2	24,377	Lbs.	.....	.....
Butter sold.....			3,748,486	Lbs.	818,624	0.22
Cheese sold.....			20,909	Lbs.	2,189	0.10

The number of farms reporting dairy cows on April 15, 1910, was 25,275, but only 22,266 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 20,073 (somewhat less than the total number reporting dairy products), and the number of

dairy cows on such farms on April 15, 1910, was 130,000. The amount of milk reported was 67,698,000 gallons; assuming that there was the same number of cows in 1909 as in 1910, this would represent an average of 522 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$10,157,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About five-sixths of the milk produced in New Jersey in 1909 was sold as such. The quantity of milk and cream sold on the butter fat basis was comparatively small. The butter made on farms in 1909 was valued at \$1,060,000.

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 decided increase in the production of cheese.

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

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 254 farmers who reported the possession of 3,559 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.

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	811	16,795			
Wool produced, as reported, 1909.	587		13,321	77,854	\$18,523
On farms reporting sheep April 15, 1910.....	557	13,236	12,720	74,653	17,718
On other farms.....	30		601	3,201	805
Total production of wool (partly estimated):					
1909.....			16,140	94,726	22,482
1899.....			28,353	146,628	31,266
Decrease, 1899 to 1909.....			12,213	51,902	8,784
Per cent of decrease.....			43.1	35.4	28.1

The total number of sheep of shearing age in New Jersey on April 15, 1910, was 16,795, representing a decrease of 36.3 per cent as compared with the number on June 1, 1900 (26,363). The approximate production of wool during 1909 was 16,000 fleeces, weighing 95,000 pounds, and valued at \$22,000. Of these totals about one-sixth represents estimates. The number of fleeces produced in 1909 was 43.1 per cent less than in 1899. The average weight per fleece in 1909 was 5.9 pounds, as compared with 5.2 pounds in 1899, and the average value per pound was 24 cents, as compared with 21 cents in 1899.

Goat hair and mohair: 1909 and 1899.—Although 157 farmers reported 574 goats and kids on their farms April 15, 1910, only 7 reported the production of goat hair or mohair during 1909. These farmers reported 53 fleeces, weighing 187 pounds and valued at \$56. In 1899 no production of goat hair or mohair was reported.

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.....	30,144	2,597,448		
On farms reporting eggs produced in 1909.....	26,219	2,407,883		
On other farms.....	3,925	189,565		
Eggs produced, as reported, 1909.....	26,538		13,630,302	\$3,584,157
Total production of eggs (partly estimated):				
1909.....			14,842,859	3,903,005
1899.....			11,942,550	1,938,304
Increase, 1899 to 1909.....			2,900,309	1,964,701
Per cent of increase.....			24.3	101.4
Eggs sold, as reported, 1909.....	22,128		9,578,886	2,535,668
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	26,470	2,386,611		
On other farms.....	3,674	210,837		
Poultry raised, as reported, 1909.....	26,978		No. of fowls.	3,533,844
Total poultry raised (partly estimated):				
1909.....			4,847,288	3,846,029
1899.....				2,265,816
Increase, 1899 to 1909.....				1,580,213
Per cent of increase.....				69.7
Fowls sold, as reported, 1909.....	19,930		2,540,200	2,130,591

The total number of fowls on New Jersey farms on April 15, 1910, was 2,597,000. Of the 30,144 farms reporting fowls, 3,925 did not report any eggs produced in 1909 and 3,674 did not report any poultry

raised in 1909. The production of eggs actually reported for the year 1909 was 13,630,000 dozens, valued at \$3,584,000. According to the Twelfth Census reports the production of eggs in 1899 was 11,943,000 dozens, the value being \$1,938,000. 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 14,843,000 dozens, valued at \$3,903,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 4,847,000 fowls, valued at \$3,846,000.

Honey and wax: 1909.—Although, as noted elsewhere, 1,627 farms reported 10,484 colonies of bees on hand April 15, 1910, 629 of these farms, with 2,159 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 152,072 pounds of honey, valued at \$22,484, and 1,372 pounds of wax, valued at \$433; 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 New Jersey farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Num-ber.	Per cent of all farms.		Total.	Aver-age.
1909—All domestic animals:					
Sold.....				\$3,433,924	
Slaughtered.....				1,562,926	
Calves:					
Sold.....	16,478	49.2	112,885	\$91,511	\$7.90
Slaughtered.....	622	1.9	14,025	114,286	8.15
Other cattle:					
Sold.....	6,270	18.7	30,954	1,224,920	39.57
Slaughtered.....	1,377	4.1	3,175	121,310	38.21
Horses:					
Sold.....	2,007	6.0	4,921	626,777	127.37
Mules:					
Sold.....	89	0.3	245	37,808	154.32
Asses and burros:					
Sold.....	1	(¹)	1	20	20.00
Swine:					
Sold.....	4,875	14.6	88,639	598,483	6.75
Slaughtered.....	13,906	41.5	78,709	1,319,473	17.90
Sheep:					
Sold.....	403	1.2	9,356	53,940	5.77
Slaughtered.....	149	0.4	1,229	7,743	6.30
Goats:					
Sold.....	22	0.1	82	465	5.67
Slaughtered.....	11	(¹)	18	114	6.00
1899—All domestic animals:					
Sold.....				1,638,767	
Slaughtered.....				1,406,187	

¹ Less than one-tenth of 1 per cent.
² Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$3,434,000, and that of animals slaughtered on farms, \$1,563,000, making an aggregate of \$4,997,000.

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 over 60 per cent of the total value of animals sold.

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

ing and the total value of those slaughtered during 1899, which amounted, respectively, to \$1,639,000 and \$1,406,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

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

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

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.					
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.	
			Amount.	Per cent.					Amount.	Per cent.	1909	1899
All crops.....							\$40,340,491	\$27,916,841	\$12,423,650	44.5	100.0	100.0
Crops with acreage reports.....	1,114,903	1,212,772	-97,869	-8.1	61.8	61.3	37,003,915	24,615,856	12,388,059	50.3	91.7	88.2
Cereals.....	503,651	588,853	-85,202	-14.5	27.9	29.8	9,797,937	6,938,690	2,859,247	41.2	24.3	24.9
Other grains and seeds.....	495	246	249	101.2	(2)	(2)	7,802	6,764	1,128	18.7	(2)	(2)
Hay and forage.....	401,315	444,610	-43,295	-9.7	22.3	22.5	7,627,403	5,544,970	2,082,432	37.6	18.9	19.0
Sugar crops.....	36	7	29	(9)	(2)	(2)	2,602	163	2,499	1,533.1	(2)	(2)
Sundry minor crops.....	12	48	-36	(3)	(2)	(2)	907	408	499	122.3	(2)	(2)
Potatoes and sweet potatoes and yams.....	95,495	73,484	22,011	30.0	5.3	3.7	6,506,974	3,405,466	3,101,508	91.1	16.1	12.2
Other vegetables.....	86,227	77,779	8,448	10.9	4.8	3.9	7,566,493	5,020,130	2,546,363	50.7	18.8	18.0
Flowers and plants and nursery products.....	3,603	2,395	1,208	50.4	0.2	0.1	3,539,523	2,293,216	1,246,307	54.3	8.8	8.2
Small fruits.....	24,069	25,350	-1,281	-5.1	1.3	1.3	1,954,125	1,406,049	548,076	39.0	4.8	5.0
Crops with no acreage reports.....							3,336,576	3,300,985	35,591	1.1	8.3	11.8
Seeds.....							68,099	45,986	22,113	48.1	0.2	0.2
Fruits and nuts.....							2,115,321	4,697,399	-2,582,078	-21.6	5.2	9.7
Maple sugar and sirup.....							1,037		1,037	(2)	(2)	(2)
Forest products of farms.....							758,515	409,055	289,460	61.7	1.9	1.7
Miscellaneous.....							393,604	88,545	305,059	344.5	1.0	0.3

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

³ Per cent not calculated when base is less than 100.

⁴ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$40,340,000. Of this amount, 91.7 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 1,114,903, representing 61.8 per cent of the total improved land in farms (1,803,336 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 New Jersey agriculture is indicated by the fact that more than one-third (34.9 per cent) of the total value of crops in 1909 was contributed by potatoes and other vegetables, while

about one-fourth (24.3 per cent) was contributed by the cereals, and less than one-fifth (18.9 per cent) by hay and forage. The remainder, representing in value about 22 per cent of the total, consisted mostly of flowers and plants, nursery products, orchard fruits and nuts, and small fruits.

The total value of crops in 1909 was 44.5 per cent greater than that in 1899, this increase being due in large measure to higher prices. There was a decrease of 8.1 per cent in the total acreage of crops for which acreage was reported, the greatest absolute decreases being those for cereals and for hay and forage, while the acreage of potatoes and of other vegetables showed an increase.

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

CROP.	Farms reporting.	Acres harvested	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.....		503,651	14,035,521	Bu...	\$9,797,937
Corn.....	25,302	205,441	10,000,731	Bu...	6,664,162
Oats.....	8,213	72,130	1,376,752	Bu...	712,609
Wheat, total.....	8,401	83,637	1,489,233	Bu...	1,568,880
Common winter.....	8,388	83,584	1,488,242	Bu...	1,567,892
Common spring.....	13	53	991	Bu...	988
Emmer and spelt.....	6	28	468	Bu...	253
Barley.....	27	152	3,082	Bu...	1,967
Buckwheat.....	2,850	13,155	212,548	Bu...	141,997
Rye.....	7,402	69,032	951,271	Bu...	707,250
Kafir corn and milo maize.....	14	76	1,436	Bu...	819
Other grains and seeds with acreage report, total¹.....		495	3,844	Bu...	7,892
Dry edible beans.....	201	403	2,041	Bu...	6,150
Dry peas.....	43	91	883	Bu...	1,711
Seeds with no acreage report, total².....					68,039
Timothy seed.....	62	(3)	11,397	Bu...	10,692
Clover seed.....	63	(3)	412	Bu...	3,086
Other tame grass seed.....	3	(3)	940	Bu...	898
Flower and garden seeds.....	42	(3)			53,300
Hay and forage, total.....	23,837	401,315	569,442	Tons.	7,627,402
Timothy alone.....	9,730	117,008	146,700	Tons.	2,419,402
Timothy and clover mixed.....	15,245	188,752	236,490	Tons.	3,678,585
Clover alone.....	1,110	6,802	9,475	Tons.	140,308
Alfalfa.....	349	1,386	3,251	Tons.	53,601
Millet or Hungarian grass.....	369	1,481	1,921	Tons.	23,465
Other tame or cultivated grasses.....	2,423	31,169	36,226	Tons.	421,745
Wild, salt, or prairie grasses.....	1,772	33,146	47,742	Tons.	285,233
Grains cut green.....	1,871	16,491	29,533	Tons.	355,350
Coarse forage.....	1,318	9,868	56,828	Tons.	242,175
Root forage.....	86	121	1,276	Tons.	7,538
Potatoes.....	22,723	72,991	8,057,424	Bu...	4,979,900
Sweet potatoes and yams.....	7,066	22,504	3,186,499	Bu...	1,527,074
Sundry minor crops, total ⁴		12			907
Broom corn.....	10	11	6,760	Lbs.	658

¹ Includes small amounts of flaxseed and peanuts.

² Includes small amount of millet seed.

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

⁴ Includes small amounts of tobacco, hops, and ginseng.

The leading crops covered by the table, in the order of their importance as judged by value, are hay and forage, \$7,627,000; corn, \$6,664,000; potatoes, \$4,980,000; wheat, \$1,569,000; and sweet potatoes and yams, \$1,527,000. It should be noted, however, that several crops, statistics for which are reported in other tables, are more important than some of the crops just mentioned.

The most important crop of the state is hay and forage, the acreage of which is more than 50 per cent above and the value almost 15 per cent above the acreage and value of corn, the second crop in rank. Potatoes, with an acreage little more than one-sixth as great as that of hay and forage, have a value nearly two-thirds as great. Wheat is about one-fifth as important as hay and forage in both acreage and value. Sweet potatoes and yams, with an acreage little more than one-twentieth that of hay and forage, show a value more than one-fifth as great.

Of the different hay and forage crops "timothy and clover mixed" leads in both acreage and value. "Timothy alone" ranks second, with an acreage and value about two-thirds as great. These two classes represent three-fourths of the acreage and about four-fifths of the value of all hay and forage. In acreage and value hay and forage is nearly four-fifths as great as the combined cereals.

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

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Rye.	Hay and forage.	Potatoes.
1909.....	205,441	72,130	83,637	69,032	431,315	72,991
1899.....	235,253	75,959	132,571	68,907	444,610	52,896
1889.....	267,648	121,327	121,570	77,245	458,207	46,711
1879.....	344,556	137,422	149,760	106,025	412,737	41,009

During the decade from 1879 to 1889 the acreage of corn decreased over one-fifth. During the next decade there was a partial recovery of this loss, but the falling off in the last decade makes the acreage reported for 1909 the lowest for any census. The acreage of oats has decreased throughout the 30 years, that in 1909 being only about half that reported in 1879. The acreage of wheat also decreased from 1879 to 1889; there was, however, a gain from 1889 to 1899. The loss of 36.9 per cent during the last decade leaves an acreage in 1909 little more than half as great as in 1879. The acreage of rye for 1909 is 34.9 per cent below that of 1879. The acreage of hay and forage has not varied greatly; it increased between 1879 and 1889, but since that time there has been a decrease in each decade, resulting in a smaller acreage in 1909 than at any other census during the period. The acreage of potatoes has increased throughout the period, a gain of 38 per cent being recorded for the decade just ended.

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

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres, 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
Corn.....	75.8	79.0	14.7	14.9	-10.1	37.7 Bu.	\$25.11
Oats.....	24.5	25.6	4.0	3.8	-5.0	19.1 Bu.	9.83
Wheat.....	25.1	35.3	4.6	6.7	-36.9	17.5 Bu.	13.70
Buckwheat.....	8.5	10.3	0.7	0.9	-16.5	16.2 Bu.	10.79
Rye.....	22.3	26.8	3.8	3.5	-0.1	13.8 Bu.	19.01
Hay and forage.....	71.2	79.8	22.3	22.5	-9.7	1.42 Tons.	19.01
Potatoes.....	67.0	73.0	4.0	2.7	33.0	110.4 Bu.	68.23
Sweet potatoes and yams.....	22.0	23.0	1.2	1.0	9.3	141.6 Bu.	67.86

¹ A minus sign (-) denotes decrease.

Out of every 100 farms, 76 report corn, 71 report hay and forage, 68 potatoes, 25 wheat, 25 oats, 23 sweet potatoes and yams, and 22 rye. These percentages are smaller in every case than are recorded for 1899. The eight crops included in the above table cover about 56 per cent of the improved land of the state.

The average value per acre of the combined cereals is \$19.45. Corn alone is reported at a value above this average, the other cereals below it. The value of hay and forage is reported at \$19 per acre and that of potatoes and sweet potatoes and yams at about three and a half times this amount. Corn, although reported from every county, has its greatest acreages in the western part of the state. The decrease in acreage during the past decade was shared by all counties except Atlantic and Cumberland. Over six-sevenths of the acreage of oats is reported from five counties in the northwestern part of the state, and over half of the acreage of wheat is reported from Hunterdon, Warren, and Somerset Counties. Hay and forage, like corn, has its greatest acreage in the western part of the state, Sussex and Hunterdon Counties alone reporting over one-fifth of the total.

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 27,217	81.3	86,227	77,779	\$7,566,493	\$5,020,130
Farms reporting a product of \$500 or over.....	3,857	11.5	52,492	.....	5,186,969	.....
All other farms.....	23,360	69.8	33,735	.....	2,379,524	.....
Flowers and plants, total.....	637	1.9	1,436	613	2,857,709	1,953,290
Farms reporting a product of \$250 or over.....	530	1.6	.....	.....	2,839,319	.....
All other farms.....	107	0.3	.....	.....	18,390	.....
Nursery products, total.....	105	0.3	2,167	1,782	681,814	339,926
Farms reporting a product of \$250 or over.....	67	0.2	.....	.....	675,331	.....
All other farms.....	38	0.1	.....	.....	6,483	.....

¹ Does not include 2,160 farms which reported that they had vegetable gardens, but gave no information as to their products.

In 1909 the total acreage of potatoes and other vegetables was 181,722 and their value \$14,073,467. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 86,227 and their value \$7,566,000, both acreage and value being materially greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are

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

raised mainly for home consumption. There were in 1909, 3,857 farms in the first class, representing about five-eighths of the total acreage of vegetables and over two-thirds of the total value, the average acreage of vegetables per farm for these farms being 13.6 and the average value of products per acre \$98.81.

The raising of flowers and plants and of nursery products is also relatively important in New Jersey, 3,603 acres being devoted to them in 1909, and the output being valued at \$3,539,523. Most of the product was raised on a few 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		
Small fruits, total.....	.....	24,069	25,350	38,822,987	\$1,954,125
Strawberries.....	6,086	8,084	8,746	18,707,473	929,108
Blackberries and dewberries.....	2,153	4,332	5,254	5,450,789	313,480
Raspberries and loganberries.....	1,450	1,744	2,240	2,143,877	178,579
Currants.....	377	124	158	161,223	12,761
Gooseberries.....	348	155	102	221,337	16,171
Cranberries.....	414	9,030	8,350	12,072,288	504,026
Other berries.....	.....	.....	494	.....	.....

Strawberries are by far the most important of the small fruits grown in New Jersey, with cranberries ranking next. The total acreage of small fruits in 1909 was 24,069, and in 1899, 25,350, a decrease of 5.1 per cent. The production in 1909 was 38,823,000 quarts, as compared with 28,339,000 quarts in 1899, and the value \$1,954,000, as compared with \$1,406,000.

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

The total quantity of orchard fruits produced in 1909 was 2,372,000 bushels, valued at \$1,975,000. Apples contributed nearly three-fifths of this quantity, peaches and nectarines and pears most of the remainder. The production of grapes amounted to 6,501,000 pounds, valued at \$133,000, while the production of nuts and of tropical fruits was relatively unimportant.

The production of all orchard fruits together in 1909 was 61.5 per cent less in quantity than that in 1899,

while the production of grapes increased. The value of orchard fruits declined from \$2,595,000 in 1899 to \$1,975,000 in 1909, while that of grapes increased from \$81,758 in 1899 to \$132,957 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 re- port- ing.	Num- ber.	Farms re- port- ing.	Num- ber.	1909		1899
					Quan- tity. ¹	Value.		Quan- tity.^{1}
Orchard fruits, total.	3,165,749	2,190,236	2,372,358	\$1,975,044	6,168,480		
Apples.....	21,127	1,053,620	5,851	519,749	1,406,778	956,108	4,640,896
Peaches and nec- tarines.....	5,783	1,216,476	5,493	1,363,632	411,440	652,771	620,928
Pears.....	11,078	731,616	3,439	238,401	463,290	254,582	790,818
Plums and prunes.	4,052	46,547	1,714	23,071	9,594	13,476	24,685
Cherries.....	8,101	102,124	1,928	36,743	44,636	87,225	82,005
Apricots.....	214	582	125	504	178	299	201
Quinces.....	2,731	14,777	876	8,134	6,442	10,583	(²)
Mulberries.....	1	1	1	2			(²)
Unclassified.....							³ 8,947
Grapes.....	5,368	1,603,280	1,295	558,945	6,501,221	132,957	4,235,000
Nuts, total.	422,764	43,557	4249,626	47,116	947,950		
Black walnuts....	1,072	4,168	139	804	151,828	2,766	(²)
Chestnuts.....	206	14,752	42	1,094	25,987	1,413	(²)
Hickory nuts.....	353	3,066	13	102	62,243	2,468	(²)
Unclassified.....							³ 947,950
Tropical fruits, total.⁴				19		204	
Figs.....	11	77	3	19	939	202	

¹ Expressed in bushels for orchard fruits and persimmons, and pounds for grapes, nuts, and figs.
² Included with "unclassified."
³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."
⁴ Includes Persian or English walnuts, almonds, pecans, Japanese walnuts, beechnuts, Japanese chestnuts, filberts, butternuts, hazelnuts, and other nuts.
⁵ Includes small amount of Japanese persimmons.

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

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Num- ber.	Per cent of all farms.	Unit.	1909	1899
Cider.....	2,618	7.8	Gals....	288,587	917,973
Vinegar.....	693	2.1	Gals....	48,665	197,694
Wine and grape juice.....	1,072	3.2	Gals....	238,889	123,454
Dried fruits.....	68	0.2	Lbs....	6,323	14,860

Sugar crops: 1909 and 1899.—The table below shows data with regard to maple trees and their products, and also for sugar beets and sorghum cane, none of which are important in this state.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Num- ber.	Per cent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	81	0.2	11,275			\$1,037
Sugar made.....	32	0.1		1,195	Lbs....	284
Sirup made.....	75	0.2		504	Gals....	753
Sugar beets, 1909 ²	28	0.1	36	529	Tons....	2,615
Sorghum cane:						
Total, 1909.....						47
Cane grown ³	3	(⁴)	(⁵)	5	Tons....	
Sirup made.....	2	(⁴)		35	Gals....	27
Total, 1899.....						163
Cane grown.....	3	(⁴)	7	52	Tons....	
Cane sold as such.....				1	Ton....	3
Sirup made.....				450	Gals....	160

¹ Number of trees.
² Used as root forage.
³ Includes cane used as coarse forage.
⁴ Less than one-tenth of 1 per cent.
⁵ Less than 1 acre.

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 10,799 farms in New Jersey (32.2 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$758,515, as compared with \$469,055 in 1899, an increase of 61.7 per cent. Of the value in 1909, \$417,980 was reported as that of products used or to be used on the farms themselves, \$235,407 as that of products sold or for sale, and \$105,128 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 2,476 farmers in New Jersey sold, during 1909, 27,496 tons of straw, for which they received \$367,015, and that 853 farmers sold 4,964 tons of cornstalks and leaves, for which they received \$26,589.

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		Amount.	1899	INCREASE.	
	Farms reporting.				Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	23,448	70.0	\$11,097,727	\$6,720,630	\$4,377,097	65.1
Feed.....	23,614	68.7	5,947,151	(¹)		
Fertilizer.....	23,685	70.7	4,277,604	2,165,320	2,112,284	97.5

¹ Not reported at the census of 1900.

Seven-tenths of the farmers in New Jersey hire labor, and the average amount spent by those hiring is \$473. The total amount expended, 22.2 per cent of which was in the form of rent and board, is about one and two-thirds times as great as that reported in 1900. During the decade 1899 to 1909 the total expenditure for labor increased \$4,378,000, or 65.1 per cent. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

Of all New Jersey farmers, 68.7 per cent report some

expenditures for feed, and 70.7 per cent report the purchase of fertilizer. The total amount reported as paid for fertilizer is almost double that reported for 1899, the average per farm reporting being \$181.

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total.....					\$2,076,981
Corn.....	4,458	13.3	1,062,071	Bu.....	732,398
Oats.....	1,310	3.9	146,168	Bu.....	77,318
Barley.....	8	(¹)	995	Bu.....	729
Hay and coarse forage.....	5,178	15.5	82,801	Tons...	1,266,536

¹ Less than one-tenth of 1 per cent.

While the total amount expended by New Jersey farms for the purchase of feed in 1909 was \$5,947,000, the total receipts from sales of feed by those reporting sales only amounted to \$2,077,000.

COUNTY TABLES.

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

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

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

Table 3 gives statistics pertaining to the products

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

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

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

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

AGRICULTURE—NEW JERSEY.

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

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

	THE STATE.	Atlantio.	Bergen.	Burlington.	Camden.	Cape May.
1 Population.....	2,537,167	71,894	138,002	66,565	142,029	19,746
2 <i>Population in 1900.....</i>	<i>1,888,669</i>	<i>46,408</i>	<i>78,441</i>	<i>58,241</i>	<i>107,643</i>	<i>13,201</i>
3 Number of all farms.....	33,487	1,572	1,221	2,389	1,244	632
4 <i>Number of all farms in 1900.....</i>	<i>34,650</i>	<i>1,295</i>	<i>1,718</i>	<i>2,549</i>	<i>1,183</i>	<i>601</i>
Color and nativity of farmers:						
5 Native white.....	26,796	735	795	2,142	889	543
6 Foreign-born white.....	6,215	822	422	203	335	77
7 Negro and other nonwhite.....	470	15	4	44	20	12
Number of farms, classified by size:						
8 Under 3 acres.....	541	27	40	25	20	5
9 3 to 9 acres.....	3,256	244	228	153	150	86
10 10 to 19 acres.....	4,276	398	228	231	248	131
11 20 to 49 acres.....	7,607	556	411	421	366	178
12 50 to 99 acres.....	8,194	218	230	606	267	107
13 100 to 174 acres.....	7,207	89	58	688	146	73
14 175 to 259 acres.....	1,659	20	16	100	33	32
15 260 to 499 acres.....	576	7	7	76	11	16
16 500 to 999 acres.....	112	6	2	12	3	2
17 1,000 acres and over.....	59	7	3	17	.....	2
LAND AND FARM AREA						
18 Approximate land area..... acres.....	4,808,900	364,160	151,680	521,000	142,080	169,600
19 Land in farms..... acres.....	2,573,857	72,967	82,726	287,816	64,933	42,108
20 <i>Land in farms in 1900.....</i>	<i>2,349,958</i>	<i>64,419</i>	<i>75,760</i>	<i>545,062</i>	<i>76,595</i>	<i>54,568</i>
21 Improved land in farms..... acres.....	1,803,836	34,635	32,083	175,231	50,187	18,388
22 <i>Improved land in farms in 1900.....</i>	<i>1,977,042</i>	<i>32,954</i>	<i>46,779</i>	<i>100,871</i>	<i>55,871</i>	<i>24,837</i>
23 Woodland in farms..... acres.....	538,131	30,903	18,941	81,723	8,096	10,995
24 Other unimproved land in farms..... acres.....	232,990	8,019	6,702	20,862	6,650	12,723
25 Per cent of land area in farms.....	53.5	20.0	34.8	55.2	45.7	24.8
26 Per cent of farm land improved.....	70.1	46.7	60.8	60.9	77.3	43.7
27 Average acres per farm.....	76.9	46.4	43.2	120.5	52.2	66.0
28 Average improved acres per farm.....	53.9	21.6	26.3	73.3	40.3	29.1
VALUE OF FARM PROPERTY						
29 All farm property..... dollars.....	254,832,665	5,688,627	15,834,378	18,946,545	8,484,263	2,190,117
30 <i>All farm property in 1900.....</i>	<i>189,533,060</i>	<i>3,091,265</i>	<i>14,288,787</i>	<i>15,082,881</i>	<i>6,878,422</i>	<i>1,691,567</i>
31 Per cent increase, 1900-1910.....	34.5	84.0	10.8	25.6	21.6	29.5
32 Land..... dollars.....	124,143,167	2,987,253	9,502,100	8,419,967	4,869,325	953,710
33 <i>Land in 1900.....</i>	<i>93,560,980</i>	<i>1,611,560</i>	<i>8,245,180</i>	<i>6,474,010</i>	<i>3,375,320</i>	<i>784,460</i>
34 Buildings..... dollars.....	92,991,352	2,100,437	5,119,050	6,857,544	2,566,990	775,030
35 <i>Buildings in 1900.....</i>	<i>69,230,080</i>	<i>1,124,220</i>	<i>4,338,960</i>	<i>5,846,760</i>	<i>2,258,700</i>	<i>631,560</i>
36 Implements and machinery..... dollars.....	13,109,507	257,550	558,785	1,260,527	416,270	118,901
37 <i>Implements, etc., in 1900.....</i>	<i>9,330,030</i>	<i>144,270</i>	<i>524,580</i>	<i>869,120</i>	<i>332,920</i>	<i>82,300</i>
38 Domestic animals, poultry, and bees..... dollars.....	24,588,639	343,387	654,443	2,399,507	631,678	242,416
39 <i>Domestic animals, etc., in 1900.....</i>	<i>17,612,620</i>	<i>211,215</i>	<i>682,267</i>	<i>1,868,961</i>	<i>613,482</i>	<i>183,037</i>
Per cent of value of all property in—						
40 Land.....	48.7	52.5	60.0	44.4	57.4	43.5
41 Buildings.....	36.5	36.9	32.3	36.2	30.3	40.0
42 Implements and machinery.....	5.1	4.5	3.5	6.7	4.9	5.4
43 Domestic animals, poultry, and bees.....	9.6	6.0	4.1	12.7	7.4	11.1
Average values:						
44 All property per farm..... dollars.....	7,610	3,619	12,968	7,931	6,820	3,465
45 Land and buildings per farm..... dollars.....	6,484	3,236	11,075	6,395	5,978	2,894
46 Land per acre..... dollars.....	48.23	40.95	180.22	29.25	74.99	22.65
47 <i>Land per acre in 1900.....</i>	<i>32.86</i>	<i>25.02</i>	<i>108.81</i>	<i>18.87</i>	<i>50.61</i>	<i>14.43</i>
DOMESTIC ANIMALS (farms and ranges)						
48 Farms reporting domestic animals.....	30,941	1,269	1,068	2,237	1,060	588
49 Value of domestic animals..... dollars.....	22,325,469	255,277	558,135	2,202,290	577,059	204,713
Cattle:						
50 Total number.....	222,999	1,377	3,463	24,019	4,076	1,988
51 Dairy cows.....	154,418	1,012	2,445	16,069	2,908	1,337
52 Other cows.....	14,896	77	185	1,487	179	111
53 Yearling heifers.....	17,625	111	371	1,748	333	150
54 Calves.....	27,934	119	278	3,777	511	277
55 Yearling steers and bulls.....	3,904	37	65	296	65	68
56 Other steers and bulls.....	4,222	21	119	642	60	15
57 Value..... dollars.....	8,393,117	48,677	158,125	833,179	142,748	71,132
Horses:						
58 Total number.....	88,922	1,570	2,354	7,547	2,542	1,006
59 Mature horses.....	89,032	1,566	2,324	7,402	2,514	994
60 Yearling colts.....	2,207	4	23	117	20	6
61 Spring colts.....	683	7	7	28	8	8
62 Value..... dollars.....	12,012,512	177,330	375,350	1,048,025	355,470	117,322
Mules:						
63 Total number.....	4,041	63	22	1,108	281	33
64 Mature mules.....	3,960	63	21	1,100	278	33
65 Yearling colts.....	61	.....	1	7	3	.....
66 Spring colts.....	20	.....	.....	1	.....	.....
67 Value..... dollars.....	621,774	8,455	3,145	211,410	52,308	6,245
Asses and burros:						
68 Number.....	53	2	.....	1	1	2
69 Value..... dollars.....	5,274	70	.....	15	15	30
Swine:						
70 Total number.....	147,005	2,200	2,497	11,928	3,870	1,451
71 Mature hogs.....	86,699	1,537	1,504	7,528	2,559	1,015
72 Spring pigs.....	60,306	663	993	4,395	1,311	436
73 Value..... dollars.....	1,127,040	20,308	19,803	101,461	26,116	10,962
Sheep:						
74 Total number.....	30,683	4	346	1,695	69	3
75 Rams, ewes, and wethers.....	16,795	4	216	1,011	35	2
76 Spring lambs.....	13,888	.....	130	684	34	1
77 Value..... dollars.....	161,138	55	1,262	8,090	376	22
Goats:						
78 Number.....	574	60	24	22	4	.....
79 Value..... dollars.....	4,614	382	350	110	20	.....
POULTRY AND BEES						
80 Number of poultry of all kinds.....	2,597,448	101,373	101,818	189,582	62,883	46,109
81 Value..... dollars.....	2,221,610	86,943	94,495	194,083	63,709	36,894
82 Number of colonies of bees.....	10,484	301	276	715	230	253
83 Value..... dollars.....	41,560	1,167	1,813	2,534	910	809

AGRICULTURE—NEW JERSEY.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Cumberland.	Essex.	Gloucester.	Hudson.	Hunterdon.	Mercer.	Middlesex.	Monmouth.
1 Population.....	55,153	512,880	37,368	537,231	33,569	125,657	114,426	94,734
2 <i>Population in 1900.....</i>	<i>51,193</i>	<i>559,033</i>	<i>51,905</i>	<i>536,048</i>	<i>34,507</i>	<i>95,365</i>	<i>79,762</i>	<i>82,037</i>
3 Number of all farms.....	2,724	633	2,252	215	2,907	1,573	1,542	2,941
4 <i>Number of all farms in 1900.....</i>	<i>2,223</i>	<i>1,003</i>	<i>2,222</i>	<i>353</i>	<i>2,930</i>	<i>1,673</i>	<i>1,760</i>	<i>2,772</i>
5 Color and nativity of farmers:								
6 Native white.....	1,923	410	1,807	113	2,681	1,335	1,116	2,503
7 Foreign-born white.....	795	192	401	102	221	220	415	384
8 Negro and other nonwhite.....	96	1	44	5	5	18	11	54
9 Number of farms, classified by size:								
10 Under 3 acres.....	38	66	15	112	9	19	15	20
11 3 to 9 acres.....	306	116	155	63	189	115	112	301
12 10 to 19 acres.....	519	138	281	23	195	158	165	390
13 20 to 49 acres.....	856	162	642	10	434	263	415	777
14 50 to 99 acres.....	588	106	709	5	990	486	444	680
15 100 to 174 acres.....	291	34	380	2	925	444	307	565
16 175 to 259 acres.....	67	5	49	140	140	63	63	159
17 260 to 499 acres.....	42	3	18	23	23	18	17	35
18 500 to 999 acres.....	11	3	3	2	2	2	4	7
19 1,000 acres and over.....	6							1
LAND AND FARM AREA								
20 Approximate land area..... acres.....	320,000	81,280	212,480	27,520	279,680	144,640	199,680	306,560
21 Land in farms..... acres.....	158,553	22,783	139,687	1,595	244,055	123,670	107,874	206,856
22 <i>Land in farms in 1900.....</i>	<i>143,694</i>	<i>51,199</i>	<i>143,690</i>	<i>2,820</i>	<i>243,753</i>	<i>132,729</i>	<i>129,317</i>	<i>197,481</i>
23 Improved land in farms..... acres.....	96,529	13,130	106,812	935	203,802	103,761	82,078	150,583
24 <i>Improved land in farms in 1900.....</i>	<i>101,830</i>	<i>18,975</i>	<i>117,554</i>	<i>1,928</i>	<i>203,983</i>	<i>108,747</i>	<i>96,782</i>	<i>166,716</i>
25 Woodland in farms..... acres.....	37,554	5,983	22,726	135	28,224	12,658	18,147	40,857
26 <i>Woodland in farms in 1900.....</i>	<i>37,554</i>	<i>5,983</i>	<i>22,726</i>	<i>135</i>	<i>28,224</i>	<i>12,658</i>	<i>18,147</i>	<i>40,857</i>
27 Other unimproved land in farms..... acres.....	24,170	3,670	10,149	525	11,999	7,151	7,049	9,416
28 Per cent of land area in farms.....	49.5	28.0	65.7	5.8	87.3	85.4	54.0	67.5
29 Per cent of farm land improved.....	61.1	57.6	76.5	58.6	83.5	84.0	76.6	75.7
30 Average acres per farm.....	58.2	36.0	62.0	7.4	84.0	78.6	70.0	70.3
31 Average improved acres per farm.....	35.5	20.7	47.4	4.3	70.1	60.0	53.6	53.2
VALUE OF FARM PROPERTY								
32 All farm property..... dollars.....	11,443,596	8,953,504	12,202,382	3,842,026	15,133,101	15,340,204	13,399,662	28,045,120
33 <i>All farm property in 1900.....</i>	<i>7,790,044</i>	<i>10,446,674</i>	<i>9,345,856</i>	<i>4,161,233</i>	<i>11,729,412</i>	<i>9,786,047</i>	<i>9,412,799</i>	<i>16,911,843</i>
34 Per cent increase, 1900-1910.....	46.9	14.3	30.6	7.4	29.0	56.8	42.4	71.2
35 Land..... dollars.....	5,481,234	5,800,545	5,661,465	2,364,775	5,167,122	7,087,145	6,786,065	14,803,850
36 <i>Land in 1900.....</i>	<i>3,834,940</i>	<i>6,978,690</i>	<i>4,429,080</i>	<i>2,901,700</i>	<i>4,319,850</i>	<i>4,518,210</i>	<i>4,631,230</i>	<i>8,608,690</i>
37 Buildings..... dollars.....	4,132,581	2,344,184	4,302,600	1,029,400	6,212,903	5,922,795	4,902,615	10,530,345
38 <i>Buildings in 1900.....</i>	<i>2,798,580</i>	<i>2,678,460</i>	<i>3,442,870</i>	<i>915,250</i>	<i>4,908,370</i>	<i>3,641,700</i>	<i>3,519,430</i>	<i>6,101,810</i>
39 Implements and machinery..... dollars.....	622,521	307,807	857,413	175,800	1,100,454	855,556	709,929	1,379,750
40 <i>Implements, etc., in 1900.....</i>	<i>331,280</i>	<i>288,180</i>	<i>665,500</i>	<i>175,550</i>	<i>767,000</i>	<i>582,070</i>	<i>511,910</i>	<i>351,050</i>
41 Domestic animals, poultry, and bees..... dollars.....	1,207,260	494,968	1,380,944	272,051	2,592,682	1,453,703	1,010,053	2,234,175
42 <i>Domestic animals, etc., in 1900.....</i>	<i>745,304</i>	<i>801,304</i>	<i>901,668</i>	<i>168,783</i>	<i>1,749,002</i>	<i>1,044,687</i>	<i>760,220</i>	<i>1,449,793</i>
43 Per cent of value of all property in—								
44 Land.....	47.9	64.9	46.4	61.5	34.1	46.2	50.6	51.1
45 Buildings.....	36.1	26.2	35.3	26.8	41.1	38.6	36.6	36.4
46 Implements and machinery.....	5.4	3.4	7.0	4.6	7.7	5.8	5.2	4.8
47 Domestic animals, poultry, and bees.....	10.5	5.5	11.3	7.1	17.1	9.5	7.5	7.7
48 Average values:								
49 All property per farm..... dollars.....	4,201	14,145	5,418	17,870	5,208	9,758	8,690	9,842
50 Land and buildings per farm..... dollars.....	3,529	12,876	4,425	15,787	3,915	8,271	7,580	8,614
51 Land per acre..... dollars.....	34.67	254.86	40.53	1,482.62	21.17	57.25	62.91	71.57
52 <i>Land per acre in 1900.....</i>	<i>26.84</i>	<i>223.00</i>	<i>29.81</i>	<i>1,028.97</i>	<i>17.54</i>	<i>34.04</i>	<i>35.81</i>	<i>43.09</i>
DOMESTIC ANIMALS (farms and ranges)								
53 Farms reporting domestic animals.....	2,374	544	2,132	131	2,778	1,501	1,490	2,788
54 Value of domestic animals..... dollars.....	1,053,000	460,480	1,254,257	259,172	2,324,222	1,315,606	914,066	2,054,410
55 Cattle:								
56 Total number.....	10,069	5,112	8,253	689	24,841	12,367	7,075	14,435
57 Dairy cows.....	7,084	4,253	5,817	450	17,214	8,616	5,109	9,256
58 Other cows.....	636	86	419	73	2,003	644	406	768
59 Yearling heifers.....	878	261	462	10	1,700	1,040	480	1,088
60 Calves.....	976	411	1,300	26	3,275	1,581	954	2,800
61 Yearling steers and bulls.....	218	67	115	373	230	230	73	268
62 Other steers and bulls.....	297	34	134	130	276	256	53	257
63 Value..... dollars.....	357,786	240,004	317,072	29,657	905,225	463,373	285,580	527,767
64 Horses:								
65 Total number.....	5,200	1,484	5,926	302	8,961	5,359	4,810	8,864
66 Mature horses.....	5,072	1,467	5,846	300	8,471	5,207	4,232	8,579
67 Yearling colts.....	79	15	72	2	400	118	58	205
68 Spring colts.....	49	2	8	2	90	34	20	80
69 Value..... dollars.....	614,414	202,650	815,455	80,372	1,190,409	751,160	563,712	1,357,942
70 Mules:								
71 Total number.....	224	28	313	152	152	289	205	414
72 Mature mules.....	219	28	310	141	141	280	198	408
73 Yearling colts.....	5		3	7	7	7	5	1
74 Spring colts.....	3		3	4	4	2	2	5
75 Value..... dollars.....	31,260	3,505	48,225	18,766	18,766	36,961	23,780	56,152
76 Asses and burros:								
77 Number.....	10		9	4	4	4	3	5
78 Value..... dollars.....	220		63	600	600	150	700	600
79 Swine:								
80 Total number.....	5,437	1,888	8,694	22,411	20,539	6,817	4,813	14,132
81 Mature hogs.....	3,307	804	6,311	13,361	11,400	3,898	2,532	7,949
82 Spring pigs.....	2,130	584	2,383	9,050	9,139	2,919	2,281	6,183
83 Value..... dollars.....	47,670	13,721	71,360	149,138	153,498	56,994	38,297	103,449
84 Sheep:								
85 Total number.....	301		359	3	9,384	1,242	351	1,355
86 Rams, ewes, and wethers.....	211		181	1	4,814	683	189	761
87 Spring lambs.....	90		178	2	4,570	559	162	594
88 Value..... dollars.....	1,675		2,002	5	49,691	6,856	1,883	8,169
89 Goats:								
90 Number.....	14		22	6	6	18	19	43
91 Value..... dollars.....	75		80	33	33	122	114	347
POULTRY AND BEES								
92 Number of poultry of all kinds.....	183,950	38,408	137,648	17,338	327,729	146,639	109,858	198,418
93 Value..... dollars.....	152,843	33,440	125,243	12,779	261,852	135,547	94,848	177,568
94 Number of colonies of bees.....	456	219	309	5	1,779	624	222	490
95 Value..... dollars.....	1,417	1,048	1,444	100	6,608	2,555	1,139	2,201

1 Decrease.

AGRICULTURE—NEW JERSEY.

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BY COUNTIES: APRIL 15, 1910—Continued.

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

	Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
1 Population.....	74,704	21,318	215,902	26,999	38,820	20,781	140,197	43,187
2 <i>Population in 1900.....</i>	<i>65,160</i>	<i>19,747</i>	<i>165,802</i>	<i>26,530</i>	<i>32,948</i>	<i>24,134</i>	<i>99,355</i>	<i>37,781</i>
3 Number of all farms.....	1,949	729	851	2,046	1,947	1,659	647	1,811
4 <i>Number of all farms in 1900.....</i>	<i>2,305</i>	<i>934</i>	<i>916</i>	<i>2,072</i>	<i>1,968</i>	<i>1,792</i>	<i>700</i>	<i>1,795</i>
5 Color and nativity of farmers:								
6 Native white.....	1,620	643	564	1,737	1,530	1,579	418	1,683
7 Foreign-born white.....	325	85	287	184	404	79	226	126
8 Negro and other nonwhite.....	4	1	3	125	13	1	3	2
9 Number of farms, classified by size:								
10 Under 3 acres.....	38	5	11	33	7	.....	25	5
11 3 to 9 acres.....	148	109	135	135	169	53	136	103
12 10 to 19 acres.....	224	142	160	157	192	64	120	112
13 20 to 49 acres.....	425	201	232	373	324	135	206	220
14 50 to 99 acres.....	474	126	151	634	577	240	117	439
15 100 to 174 acres.....	448	82	68	581	543	689	31	765
16 175 to 269 acres.....	136	19	28	103	99	326	8	128
17 260 to 499 acres.....	42	27	11	26	25	135	3	54
18 500 to 999 acres.....	9	14	4	2	7	15	1	3
19 1,000 acres and over.....	5	4	4	2	4	2	.....	2
LAND AND FARM AREA								
20 Approximate land area..... acres..	304,000	407,680	125,440	219,520	195,200	338,560	65,290	231,680
21 Land in farms..... acres..	168,019	53,648	46,304	168,696	165,966	238,311	23,405	133,987
22 <i>Land in farms in 1900.....</i>	<i>208,769</i>	<i>84,856</i>	<i>60,880</i>	<i>176,202</i>	<i>167,663</i>	<i>258,896</i>	<i>27,070</i>	<i>201,688</i>
23 Improved land in farms..... acres..	98,375	24,785	23,309	124,703	136,057	161,283	19,470	142,837
24 <i>Improved land in farms in 1900.....</i>	<i>118,212</i>	<i>40,141</i>	<i>28,721</i>	<i>156,787</i>	<i>140,430</i>	<i>178,451</i>	<i>20,483</i>	<i>161,016</i>
25 Woodland in farms..... acres..	49,292	22,021	17,122	24,494	19,121	51,229	4,414	28,496
26 Other unimproved land in farms..... acres..	20,352	6,859	5,873	19,499	10,788	25,709	1,501	12,634
27 Per cent of land area in farms.....	55.3	13.2	36.9	76.8	85.0	70.4	35.5	79.4
28 Per cent of farm land improved.....	58.6	46.2	50.3	73.9	82.0	67.7	74.7	77.6
29 Average acres per farm.....	86.2	73.6	54.2	82.5	85.2	143.6	36.2	101.6
30 Average improved acres per farm.....	50.5	34.0	27.3	60.9	69.9	97.2	27.0	78.9
VALUE OF FARM PROPERTY								
31 All farm property..... dollars..	20,587,875	3,101,639	8,167,394	12,044,186	21,704,497	10,861,800	7,990,542	9,953,147
32 <i>All farm property in 1900.....</i>	<i>15,579,568</i>	<i>3,097,502</i>	<i>6,427,208</i>	<i>9,364,003</i>	<i>12,036,790</i>	<i>8,653,350</i>	<i>5,664,532</i>	<i>8,475,507</i>
33 Per cent increase, 1900-1910.....	32.1	0.1	50.5	22.1	79.6	25.8	41.2	17.5
34 Land..... dollars..	10,216,163	1,323,218	4,059,495	5,417,418	10,190,252	4,264,353	4,799,625	3,982,087
35 <i>Land in 1900.....</i>	<i>7,477,170</i>	<i>1,501,760</i>	<i>2,976,800</i>	<i>4,636,670</i>	<i>6,108,230</i>	<i>3,061,480</i>	<i>3,179,870</i>	<i>3,686,210</i>
36 Buildings..... dollars..	8,196,365	1,329,550	3,354,825	4,100,755	8,595,855	4,093,737	2,546,500	3,877,331
37 <i>Buildings in 1900.....</i>	<i>6,483,820</i>	<i>1,189,320</i>	<i>1,908,010</i>	<i>5,609,700</i>	<i>6,078,840</i>	<i>3,172,640</i>	<i>1,904,850</i>	<i>3,273,860</i>
38 Implements and machinery..... dollars..	828,081	159,933	297,237	711,366	997,790	553,835	225,715	627,226
39 <i>Implements, etc., in 1900.....</i>	<i>631,080</i>	<i>159,380</i>	<i>180,100</i>	<i>501,780</i>	<i>644,380</i>	<i>393,010</i>	<i>226,830</i>	<i>466,570</i>
40 Domestic animals, poultry, and bees..... dollars..	1,347,266	288,938	455,837	1,814,647	1,920,600	1,949,574	427,702	1,466,503
41 <i>Domestic animals, etc., in 1900.....</i>	<i>987,558</i>	<i>266,382</i>	<i>561,578</i>	<i>1,210,613</i>	<i>1,268,840</i>	<i>1,406,100</i>	<i>412,832</i>	<i>1,046,967</i>
42 Per cent of value of all property in—								
43 Land.....	49.6	42.7	49.7	45.0	46.9	39.3	60.0	40.0
44 Buildings.....	39.8	42.9	41.1	34.0	39.0	37.7	31.8	39.0
45 Implements and machinery.....	4.0	5.2	3.6	5.9	4.6	5.1	2.8	6.3
46 Domestic animals, poultry, and bees.....	6.5	9.3	5.6	15.1	8.8	18.0	5.3	14.7
47 Average values:								
48 All property per farm..... dollars..	10,563	4,255	9,564	5,887	11,148	6,547	12,304	5,496
49 Land and buildings per farm..... dollars..	9,447	3,639	8,632	4,652	9,649	5,033	11,354	4,340
50 Land per acre..... dollars..	60.80	24.66	87.67	32.11	61.40	17.89	205.07	21.65
51 <i>Land per acre in 1900.....</i>	<i>36.16</i>	<i>17.70</i>	<i>42.64</i>	<i>26.46</i>	<i>30.47</i>	<i>14.25</i>	<i>109.36</i>	<i>18.28</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	1,827	668	707	1,967	1,806	1,620	571	1,757
53 Value of domestic animals..... dollars..	1,231,325	244,744	405,717	1,069,792	1,739,610	1,845,465	377,285	1,375,838
54 Cattle:								
55 Total number.....	13,424	2,554	4,373	18,390	13,301	33,353	3,613	16,228
56 Dairy cows.....	8,574	1,693	3,177	13,095	9,199	22,972	2,924	11,209
57 Other cows.....	1,133	175	272	1,131	1,027	2,581	136	1,309
58 Yearling heifers.....	1,275	191	338	1,260	1,180	3,400	183	1,136
59 Calves.....	1,754	403	382	2,185	1,355	3,407	299	1,858
60 Yearling steers and bulls.....	449	31	67	210	330	547	36	329
61 Other steers and bulls.....	239	56	137	518	210	446	35	327
62 Value..... dollars..	482,285	88,700	177,666	694,634	589,891	1,244,109	161,820	573,197
63 Horses:								
64 Total number.....	5,141	1,210	1,599	7,062	6,432	4,785	1,464	5,743
65 Mature horses.....	4,969	1,166	1,583	6,714	6,106	4,603	1,458	5,369
66 Yearling colts.....	144	12	15	263	201	157	5	291
67 Spring colts.....	28	2	1	85	128	25	1	83
68 Value..... dollars..	675,777	136,665	213,348	859,289	1,043,150	544,289	203,605	680,882
69 Mules:								
70 Total number.....	83	45	24	404	157	57	29	105
71 Mature mules.....	81	45	24	389	153	57	28	99
72 Yearling colts.....	2	.....	.....	11	3	.....	1	5
73 Spring colts.....	.....	.....	.....	4	1	.....	.....	1
74 Value..... dollars..	13,480	3,750	3,865	58,570	21,406	6,303	4,565	12,503
75 Asses and burros:								
76 Number.....	3	2	.....	1	1	3	1	1
77 Value..... dollars..	201	130	.....	30	100	2,300	25	25
78 Swine:								
79 Total number.....	6,154	1,424	1,036	7,428	7,409	4,958	1,059	11,305
80 Mature hogs.....	2,903	970	552	4,502	4,083	2,601	606	6,067
81 Spring pigs.....	3,251	454	484	2,926	3,326	2,297	393	4,708
82 Value..... dollars..	40,659	15,400	7,957	57,327	67,469	37,406	7,297	80,688
83 Sheep:								
84 Total number.....	3,583	9	308	323	2,702	2,960	3	5,623
85 Rams, ewes, and wethers.....	2,060	6	221	214	1,571	1,631	3	2,971
86 Spring lambs.....	1,523	3	87	109	1,191	1,329	.....	2,652
87 Value..... dollars..	18,474	39	1,616	2,035	17,516	12,923	21	28,428
88 Goats:								
89 Number.....	28	.....	163	2	14	107	8	20
90 Value..... dollars..	449	.....	1,265	7	78	1,075	52	55
POULTRY AND BEES								
91 Number of poultry of all kinds.....	141,852	55,604	58,263	158,802	199,814	136,679	47,369	137,812
92 Value..... dollars..	112,115	43,789	48,953	144,323	177,405	97,267	49,604	86,900
93 Number of colonies of bees.....	863	128	241	178	813	694	128	1,195
94 Value..... dollars..	3,826	465	1,167	532	3,585	4,112	513	3,675

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

	THE STATE.	Atlantic.	Bergen.	Burlington.	Camden.	Cape May.	
FARMS OPERATED BY OWNERS							
1	Number of farms.....	24,133	1,376	972	1,551	895	517
2	Number of farms in 1900.....	<i>23,434</i>	<i>1,134</i>	<i>1,295</i>	<i>1,503</i>	<i>702</i>	<i>458</i>
3	Per cent of all farms.....	72.1	87.5	79.6	64.9	69.5	81.8
4	Per cent of all farms in 1900.....	<i>67.6</i>	<i>87.6</i>	<i>75.3</i>	<i>59.2</i>	<i>67.5</i>	<i>72.9</i>
5	Land in farms..... acres.....	1,562,906	57,285	33,274	144,527	37,939	30,679
6	Improved land in farms..... acres.....	1,105,612	27,137	21,161	100,079	29,127	13,814
7	Value of land and buildings..... dollars.....	133,121,679	4,134,160	9,458,020	9,215,094	3,395,605	1,352,490
Degree of ownership:							
8	Farms consisting of owned land only.....	22,992	1,270	941	1,469	814	497
9	Farms consisting of owned and hired land.....	1,141	106	31	82	51	20
Color and nativity of owners:							
10	Native white.....	18,833	600	670	1,378	565	443
11	Foreign-born white.....	5,035	765	299	152	287	65
12	Negro and other nonwhite.....	265	11	3	21	13	9
FARMS OPERATED BY TENANTS							
13	Number of farms.....	8,294	168	207	729	356	103
14	Number of farms in 1900.....	<i>10,356</i>	<i>147</i>	<i>371</i>	<i>924</i>	<i>850</i>	<i>157</i>
15	Per cent of all farms.....	24.8	10.7	17.0	30.5	28.0	16.3
16	Per cent of all farms in 1900.....	<i>29.9</i>	<i>11.4</i>	<i>21.6</i>	<i>59.2</i>	<i>30.0</i>	<i>22.8</i>
17	Land in farms..... acres.....	783,611	10,998	9,135	75,055	24,810	6,803
18	Improved land in farms..... acres.....	591,196	5,201	5,851	62,069	19,429	3,186
19	Value of land and buildings..... dollars.....	56,693,713	611,925	2,716,480	4,688,835	3,843,910	294,950
Form of tenancy:							
20	Share tenants.....	3,921	18	9	261	99	9
21	Share-cash tenants.....	177	1	9	13	10	1
22	Cash tenants.....	3,499	117	98	375	209	58
23	Tenure not specified.....	697	32	91	80	38	35
Color and nativity of tenants:							
24	Native white.....	7,137	114	97	667	305	91
25	Foreign-born white.....	973	50	109	43	45	10
26	Negro and other nonwhite.....	184	4	1	19	6	2
FARMS OPERATED BY MANAGERS							
27	Number of farms.....	1,000	28	42	109	23	12
28	Number of farms in 1900.....	<i>801</i>	<i>14</i>	<i>52</i>	<i>117</i>	<i>21</i>	<i>26</i>
29	Land in farms..... acres.....	227,340	4,674	10,317	68,234	2,184	4,624
30	Improved land in farms..... acres.....	106,528	1,697	5,071	12,483	1,631	1,388
31	Value of land and buildings..... dollars.....	27,319,227	341,615	2,446,650	1,373,582	196,800	181,300
MORTGAGE DEBT REPORTS¹							
For all farms operated by owners:							
32	Number free from mortgage debt.....	11,983	711	527	629	374	308
33	Number with mortgage debt.....	11,793	657	414	859	470	206
34	Number with no mortgage report.....	357	8	31	33	21	3
For farms consisting of owned land only:							
35	Number reporting debt and amount.....	10,666	568	369	781	424	183
36	Value of their land and buildings..... dollars.....	55,507,006	1,575,680	3,481,280	4,617,960	1,643,875	401,420
37	Amount of mortgage debt..... dollars.....	19,476,938	457,403	883,115	2,040,160	612,034	125,723
38	Per cent of value of land and buildings.....	35.1	29.0	25.4	44.2	37.2	31.3

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....	number.....	144,274	823	2,051	14,182	2,606	1,134
2	Dairy cows on farms reporting milk produced.....	number.....	129,897	750	1,979	12,409	2,350	1,083
3	Milk—Produced.....	gallons.....	67,698,219	293,023	1,153,321	5,705,511	1,019,306	329,802
4	Sold.....	gallons.....	56,856,550	153,230	861,092	5,128,583	820,245	191,704
5	Cream sold.....	gallons.....	79,485	290	15	10,026	30	
6	Butter fat sold.....	pounds.....	249,557					
7	Butter—Produced.....	pounds.....	3,622,411	32,779	61,003	273,605	55,479	31,946
8	Sold.....	pounds.....	2,003,020	10,077	21,172	180,958	21,702	11,790
9	Cheese—Produced.....	pounds.....	77,824	13,682	732	350	1,406	3,375
10	Sold.....	pounds.....	42,462	6,053	540	150	436	2,100
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	10,156,600	55,498	230,607	923,622	174,544	59,497
12	Receipts from sale of dairy products.....	dollars.....	9,685,352	47,070	227,229	895,626	164,448	52,890
Poultry Products								
13	Poultry—Raised.....	number.....	4,453,830	289,388	137,548	488,284	135,487	87,037
14	Sold.....	number.....	2,540,200	155,719	64,538	344,715	87,332	42,648
15	Eggs—Produced.....	dozens.....	14,639,392	406,973	546,517	679,114	237,468	211,230
16	Sold.....	dozens.....	9,578,886	298,029	376,572	425,277	141,890	156,944
17	Value of poultry and eggs produced.....	dollars.....	7,118,001	280,782	268,961	675,643	171,332	109,551
18	Receipts from sale of poultry and eggs.....	dollars.....	4,666,259	174,815	160,033	479,502	112,000	69,397
Honey and Wax								
19	Honey produced.....	pounds.....	152,072	3,683	5,368	11,226	3,188	2,402
20	Wax produced.....	pounds.....	1,372	35	50	161	38	10
21	Value of honey and wax produced.....	dollars.....	22,917	590	966	1,417	535	406
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....	number.....	13,321	1	34	356		
23	Mohair and goat hair, fleeces shorn.....	number.....	53			6		
24	Value of wool and mohair produced.....	dollars.....	18,579	2	102	527		
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....	number.....	123,010	382	825	14,923	2,155	443
26	Other cattle—Sold or slaughtered.....	number.....	34,129	145	395	2,301	579	233
27	Horses, mules, and asses and burros—Sold.....	number.....	5,167	62	61	245	63	23
28	Pigs—Sold or slaughtered.....	number.....	162,348	2,530	2,620	12,237	3,791	1,217
29	Sheep and goats—Sold or slaughtered.....	number.....	10,686	21	5	1,230	12	
30	Receipts from sale of animals.....	dollars.....	3,433,924	17,429	36,299	262,892	77,793	16,840
31	Value of animals slaughtered.....	dollars.....	1,662,926	35,021	10,787	174,047	28,928	12,081

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

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

	Cumberland.	Essex.	Gloucester.	Hudson.	Hunterdon.	Mercer.	Middlesex.	Monmouth.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	2,142	478	1,563	126	2,047	1,065	1,190	2,179
2	Number of farms in 1900.....	<i>1,606</i>	<i>690</i>	<i>1,371</i>	<i>203</i>	<i>1,871</i>	<i>1,022</i>	<i>1,261</i>	<i>1,908</i>
3	Per cent of all farms.....	78.6	75.5	69.4	58.6	70.4	67.7	77.2	74.1
4	Per cent of all farms in 1900.....	<i>72.2</i>	<i>69.7</i>	<i>61.6</i>	<i>56.7</i>	<i>63.9</i>	<i>65.0</i>	<i>72.1</i>	<i>68.8</i>
5	Land in farms.....acres.....	109,198	14,950	88,420	883	154,325	75,686	76,910	128,525
6	Improved land in farms.....acres.....	65,501	8,765	66,861	407	123,369	64,029	59,382	99,315
7	Value of land and buildings.....dollars.....	6,836,492	4,749,660	6,447,600	1,853,475	7,450,648	7,838,460	8,267,880	14,638,460
Degree of ownership:									
8	Farms consisting of owned land only.....	2,020	454	1,495	123	1,994	1,008	1,109	2,087
9	Farms consisting of owned and hired land.....	122	24	68	3	53	57	81	92
Color and nativity of owners:									
10	Native white.....	1,441	343	1,209	68	1,860	877	845	1,844
11	Foreign-born white.....	645	134	329	58	185	177	341	239
12	Negro and other nonwhite.....	56	1	25	.....	2	11	4	36
FARMS OPERATED BY TENANTS									
13	Number of farms.....	520	137	651	80	806	445	301	630
14	Number of farms in 1900.....	<i>578</i>	<i>283</i>	<i>323</i>	<i>153</i>	<i>1,034</i>	<i>509</i>	<i>429</i>	<i>814</i>
15	Per cent of all farms.....	19.1	21.6	28.9	37.2	27.7	28.3	19.5	21.4
16	Per cent of all farms in 1900.....	<i>26.0</i>	<i>28.2</i>	<i>37.0</i>	<i>42.7</i>	<i>35.3</i>	<i>32.4</i>	<i>24.5</i>	<i>29.4</i>
17	Land in farms.....acres.....	42,811	5,471	47,115	659	82,960	40,127	26,039	57,494
18	Improved land in farms.....acres.....	27,517	3,114	36,874	450	70,289	33,155	19,402	40,117
19	Value of land and buildings.....dollars.....	2,220,323	2,023,249	3,125,825	1,294,000	3,591,937	3,668,680	2,344,350	5,091,835
Form of tenancy:									
20	Share tenants.....	338	3	290	1	611	178	146	347
21	Share-cash tenants.....	9	2	14	.....	9	12	4	25
22	Cash tenants.....	121	115	303	62	159	225	150	233
23	Tenure not specified.....	52	17	35	17	27	30	1	25
Color and nativity of tenants:									
24	Native white.....	433	83	564	37	772	408	234	560
25	Foreign-born white.....	51	54	68	43	32	30	62	48
26	Negro and other nonwhite.....	36	.....	19	.....	2	7	5	13
FARMS OPERATED BY MANAGERS									
27	Number of farms.....	62	18	38	9	54	63	51	132
28	Number of farms in 1900.....	<i>59</i>	<i>21</i>	<i>31</i>	<i>2</i>	<i>25</i>	<i>42</i>	<i>60</i>	<i>50</i>
29	Land in farms.....acres.....	6,544	2,356	4,152	53	6,800	7,757	4,925	20,837
30	Improved land in farms.....acres.....	3,811	1,251	3,077	18	5,204	6,577	3,894	11,151
31	Value of land and buildings.....dollars.....	557,000	1,377,820	390,600	246,700	337,470	1,482,800	1,086,950	5,063,900
MORTGAGE DEBT REPORTS:									
For all farms operated by owners:									
32	Number free from mortgage debt.....	886	252	648	30	1,067	470	593	1,089
33	Number with mortgage debt.....	1,187	209	902	47	972	588	593	1,072
34	Number with no mortgage report.....	69	17	13	40	8	7	4	18
For farms consisting of owned land only:									
35	Number reporting debt and amount.....	1,071	195	821	37	902	537	540	992
36	Value of their land and buildings.....dollars.....	3,447,690	1,779,000	3,525,625	480,100	3,162,215	3,637,205	3,318,750	6,400,610
37	Amount of mortgage debt.....dollars.....	1,262,188	564,306	1,490,195	152,600	1,241,958	1,361,023	1,117,292	2,087,300
38	Per cent of value of land and buildings.....	36.6	31.7	42.3	31.8	39.3	37.4	33.7	32.6

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

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number.....	6,300	3,960	5,074	436	16,562	8,246	4,959	8,915
2	Dairy cows on farms reporting milk produced.....number.....	5,410	3,187	4,492	407	12,530	7,080	4,873	8,457
3	Milk—Produced.....gallons.....	2,255,354	2,187,532	1,784,508	321,583	5,657,447	3,682,508	2,529,928	4,220,516
4	Sold.....gallons.....	1,870,111	2,550,101	1,165,290	238,850	5,292,406	2,705,779	1,411,945	2,453,571
5	Cream sold.....gallons.....	211	9,885	1,283	365	8,863	29,668	242	415
6	Butter fat sold.....pounds.....	.....	.....	.....	.....	230,436	.....	6,000	.....
7	Butter—Produced.....pounds.....	183,851	20,340	263,330	7,815	505,861	280,398	217,797	295,053
8	Sold.....pounds.....	81,645	6,955	157,226	.....	309,772	168,484	109,547	100,870
9	Cheese—Produced.....pounds.....	10,426	11,098	6,037	.....	2,000	5,127	3,965	2,496
10	Sold.....pounds.....	509	11,048	3,215	.....	1,888	4,186	2,530	1,890
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	343,375	733,682	282,204	68,993	845,387	579,400	398,116	513,109
12	Receipts from sale of dairy products.....dollars.....	311,178	729,305	250,614	66,501	808,811	544,741	367,926	458,405
Poultry Products									
13	Poultry—Raised.....number.....	381,809	54,862	373,531	21,104	323,781	233,667	177,192	346,165
14	Sold.....number.....	269,278	20,755	259,632	4,025	152,286	140,302	96,560	179,769
15	Eggs—Produced.....dozens.....	770,890	243,071	531,609	30,638	2,090,043	884,975	583,664	970,338
16	Sold.....dozens.....	524,476	172,151	331,829	7,141	1,788,282	638,772	376,160	607,278
17	Value of poultry and eggs produced.....dollars.....	474,249	119,805	465,753	27,660	709,345	421,861	312,136	558,143
18	Receipts from sale of poultry and eggs.....dollars.....	325,965	71,888	325,073	6,285	521,119	290,188	187,431	329,971
Honey and Wax									
19	Honey produced.....pounds.....	5,442	1,502	7,686	200	32,777	7,064	2,935	8,831
20	Wax produced.....pounds.....	61	42	24	.....	295	149	10	26
21	Value of honey and wax produced.....dollars.....	1,023	241	1,157	103	3,880	1,058	572	1,363
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	177	.....	136	.....	4,253	434	175	337
23	Mohair and goat hair, fleeces shorn.....number.....	.....	.....	.....	.....	2	.....	11	.....
24	Value of wool and mohair produced.....dollars.....	295	.....	194	.....	5,425	643	259	678
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number.....	6,473	3,132	4,864	153	12,279	7,687	3,651	8,633
26	Other cattle—Sold or slaughtered.....number.....	1,807	1,499	1,574	229	3,954	1,631	903	1,491
27	Horses, mules, and asses and burros—Sold.....number.....	740	117	555	8	378	336	154	181
28	Swine—Sold or slaughtered.....number.....	5,840	1,273	8,434	23,451	25,084	8,970	5,084	12,674
29	Sheep and goats—Sold or slaughtered.....number.....	139	5	130	.....	3,120	202	113	405
30	Receipts from sale of animals.....dollars.....	227,666	84,829	179,525	270,271	396,223	186,779	102,694	170,063
31	Value of animals slaughtered.....dollars.....	107,310	14,627	125,123	2,296	226,044	100,792	36,537	137,323

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

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

	Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
FARMS OPERATED BY OWNERS								
1	Number of farms.....	1,486	650	674	1,208	1,399	472	1,101
2	Number of farms in 1900.....	<i>1,789</i>	<i>785</i>	<i>681</i>	<i>1,134</i>	<i>1,558</i>	<i>473</i>	<i>1,001</i>
3	Per cent of all farms.....	76.2	89.2	78.9	59.0	71.9	73.0	60.8
4	Per cent of all farms in 1900.....	<i>75.0</i>	<i>79.8</i>	<i>74.8</i>	<i>64.7</i>	<i>69.4</i>	<i>67.6</i>	<i>65.8</i>
5	Land in farms.....acres.....	104,839	40,923	33,081	31,651	106,323	14,341	95,124
6	Improved land in farms.....acres.....	63,340	18,481	17,748	60,237	80,367	11,289	73,670
7	Value of land and buildings.....dollars.....	10,968,818	1,883,818	5,474,920	4,888,008	10,603,391	4,795,300	4,024,675
8	Degree of ownership:							
9	Farms consisting of owned land only.....	1,392	613	657	1,155	1,366	419	1,070
10	Farms consisting of owned and hired land.....	94	37	17	53	33	53	31
11	Color and nativity of owners:							
12	Native white.....	1,262	569	452	937	1,065	313	1,019
13	Foreign-born white.....	223	80	220	160	49	157	81
14	Negro and other nonwhite.....	1	1	2	61	5	2	1
FARMS OPERATED BY TENANTS								
15	Number of farms.....	338	60	161	817	408	152	682
16	Number of farms in 1900.....	<i>438</i>	<i>145</i>	<i>208</i>	<i>621</i>	<i>528</i>	<i>208</i>	<i>743</i>
17	Per cent of all farms.....	17.3	8.2	18.9	39.9	20.7	23.5	37.7
18	Per cent of all farms in 1900.....	<i>21.0</i>	<i>14.7</i>	<i>22.7</i>	<i>44.4</i>	<i>26.9</i>	<i>20.0</i>	<i>41.4</i>
19	Land in farms.....acres.....	35,456	7,725	7,083	85,151	38,768	6,937	79,881
20	Improved land in farms.....acres.....	20,794	3,982	3,717	63,138	32,171	5,041	63,603
21	Value of land and buildings.....dollars.....	2,499,310	370,950	1,042,900	4,508,665	3,445,916	2,088,600	3,438,603
22	Form of tenancy:							
23	Share tenants.....	88	9	1	608	210	249	435
24	Share-cash tenants.....	9	14	1	8	5	2	25
25	Cash tenants.....	196	83	106	168	170	263	209
26	Tenure not specified.....	45	4	53	43	18	34	13
27	Color and nativity of tenants:							
28	Native white.....	286	57	97	729	347	89	637
29	Foreign-born white.....	52	3	63	24	53	63	44
30	Negro and other nonwhite.....	1	1	1	64	3	1	1
FARMS OPERATED BY MANAGERS								
31	Number of farms.....	125	19	10	21	145	23	28
32	Number of farms in 1900.....	<i>93</i>	<i>54</i>	<i>27</i>	<i>17</i>	<i>74</i>	<i>21</i>	<i>51</i>
33	Land in farms.....acres.....	27,724	4,995	5,540	1,894	20,875	2,127	9,262
34	Improved land in farms.....acres.....	14,241	2,305	1,844	1,328	17,813	1,160	5,764
35	Value of land and buildings.....dollars.....	4,944,400	398,000	896,500	120,600	4,736,800	423,300	396,140
MORTGAGE DEBT REPORTS¹								
36	For all farms operated by owners:							
37	Number free from mortgage debt.....	930	476	337	476	582	238	712
38	Number with mortgage debt.....	539	167	269	717	807	480	380
39	Number with no mortgage report.....	17	7	18	15	10	12	3
40	For farms consisting of owned land only:							
41	Number reporting debt and amount.....	477	150	250	636	735	446	361
42	Value of their land and buildings.....dollars.....	3,206,711	447,200	1,638,250	2,672,791	4,800,291	1,822,750	1,341,130
43	Amount of mortgage debt.....dollars.....	905,260	142,345	406,723	1,198,802	1,538,281	841,072	513,243
44	Per cent of value of land and buildings.....	28.2	31.8	24.8	44.0	32.0	39.9	38.3

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

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

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number.....	8,026	1,590	2,903	12,107	8,820	22,095	2,710	10,685
2	Dairy cows on farms reporting milk products.....number.....	7,576	1,548	2,723	10,540	8,661	20,994	2,602	9,550
3	Milk—Produced.....gallons.....	3,589,396	657,307	1,653,434	5,590,814	4,530,753	13,927,285	1,782,905	4,525,976
4	Sold.....gallons.....	2,425,484	320,782	1,325,595	5,460,550	3,282,812	13,725,104	1,636,280	3,846,486
5	Cream sold.....gallons.....	8,305	50	2,160	176	1,357	450	883	4,830
6	Butter fat sold.....pounds.....					6,521			
7	Butter—Produced.....pounds.....	287,000	70,117	101,588	127,594	275,995	156,226	18,456	356,169
8	Sold.....pounds.....	136,134	34,404	51,388	77,976	131,497	90,380	5,525	235,526
9	Cheese—Produced.....pounds.....	7,224		452	310	1,540	80		
10	Sold.....pounds.....	6,145		400	200	1,210		462	
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	590,551	75,016	311,363	780,019	517,416	1,713,541	371,403	590,188
12	Receipts from sale of dairy products.....dollars.....	536,342	63,745	297,720	706,909	476,669	1,694,257	367,403	557,663
Poultry Products									
13	Poultry—Raised.....number.....	194,780	121,199	102,261	414,653	247,782	122,149	63,666	137,185
14	Sold.....number.....	81,253	59,313	61,465	286,359	107,095	47,745	22,590	56,821
15	Eggs—Produced.....dozens.....	791,074	352,775	322,715	711,203	1,291,299	837,840	237,054	843,912
16	Sold.....dozens.....	487,395	166,873	215,480	467,383	925,330	680,380	145,993	645,236
17	Value of poultry and eggs produced.....dollars.....	344,182	184,120	157,040	556,729	525,222	282,500	198,399	274,882
18	Receipts from sale of poultry and eggs.....dollars.....	188,701	96,494	100,607	395,066	331,983	183,893	129,709	181,449
Honey and Wax									
19	Honey produced.....pounds.....	17,180	3,590	3,263	1,875	9,580	10,584	1,570	12,126
20	Wax produced.....pounds.....	118	60	20	5	52	109		97
21	Value of honey and wax produced.....dollars.....	2,768	438	624	299	1,643	1,660	320	1,859
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	1,600		210	144	1,121	1,344		2,909
23	Mohair and goat hair, fleeces shorn.....number.....					4	30		
24	Value of wool and mohair produced.....dollars.....	2,293		290	243	1,804	1,906		4,108
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Cattle—Sold or slaughtered.....number.....	4,811	969	2,281	10,794	7,518	22,868	1,274	10,795
26	Other cattle—Sold or slaughtered.....number.....	1,576	163	1,768	3,166	2,816	4,305	1,030	2,764
27	Horses, mules, and asses and burros—Sold.....number.....	339	176	48	426	483	415	61	296
28	Swine—Sold or slaughtered.....number.....	7,282	1,041	1,097	9,011	8,243	6,749	520	15,220
29	Sheep and goats—Sold or slaughtered.....number.....	960		129	129	725	1,236	3	2,146
30	Receipts from sale of animals.....dollars.....	162,678	32,741	65,842	266,686	278,294	250,999	69,390	268,991
31	Value of animals slaughtered.....dollars.....	65,930	12,726	33,917	113,042	93,722	110,699	4,452	117,513

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

		THE STATE.	Atlantic.	Bergen.	Burlington.	Camden.	Cape May.	
VALUE OF ALL CROPS								
1	Total.....	dollars.....	40,340,491	1,102,850	1,455,620	4,659,886	1,659,433	394,260
2	Cereals.....	dollars.....	9,797,937	95,886	72,173	1,126,096	222,416	82,481
3	Other grains and seeds.....	dollars.....	75,991	2,847	917	3,794	6,662	464
4	Hay and forage.....	dollars.....	7,627,402	54,531	153,842	740,994	190,240	49,760
5	Vegetables.....	dollars.....	14,073,407	406,050	607,086	1,006,270	780,274	175,402
6	Fruits and nuts.....	dollars.....	4,039,446	486,198	144,110	771,169	327,315	55,978
7	All other crops.....	dollars.....	4,696,248	57,368	472,492	411,563	132,526	30,175
SELECTED CROPS (acres and quantity)								
8	Cereals:							
9	Total.....	acres.....	503,651	4,642	3,476	51,426	9,569	4,115
10	Corn.....	bushels.....	14,035,521	141,507	115,513	1,540,596	298,459	127,657
11	Oats.....	acres.....	205,411	4,554	2,128	29,589	7,290	4,090
12	Wheat.....	bushels.....	10,000,731	140,326	91,452	1,208,591	260,952	127,252
13	Buckwheat.....	acres.....	72,130	.....	185	715	196	24
14	Barley.....	bushels.....	1,376,752	.....	5,093	14,086	3,490	393
15	Wheat.....	acres.....	83,637	19	158	5,280	827	.....
16	Barley.....	bushels.....	1,489,233	120	3,399	106,100	17,014	.....
17	Buckwheat.....	acres.....	152	5	10	5	.....	.....
18	Rye.....	bushels.....	3,052	156	150	45	.....	.....
19	Other grains.....	acres.....	13,155	9	143	17	.....	.....
20	Dry edible beans.....	bushels.....	212,548	128	2,071	15,818	1,252	1
21	Other grains.....	acres.....	69,032	55	840	15,818	1,252	1
22	Dry edible beans.....	bushels.....	951,271	761	12,578	211,603	16,970	12
23	Hay and forage:							
24	Total.....	acres.....	401,315	4,892	6,589	34,375	7,545	3,894
25	All tame or cultivated grasses.....	tons.....	569,442	7,034	9,227	57,959	11,963	7,084
26	Timothy alone.....	acres.....	341,659	1,032	5,950	31,545	7,052	1,181
27	Timothy and clover mixed.....	tons.....	494,063	1,343	8,128	45,041	10,827	1,899
28	Clover alone.....	acres.....	117,008	128	2,406	6,560	2,790	416
29	Alfalfa.....	tons.....	146,700	160	3,978	9,183	4,241	733
30	Other tame or cultivated grasses.....	acres.....	183,752	494	2,130	23,847	3,668	310
31	Wild, salt, or prairie grasses.....	tons.....	236,480	632	2,774	34,017	5,585	558
32	Grains cut green.....	acres.....	6,893	231	23	461	381	126
33	Coarse forage.....	tons.....	9,475	314	36	749	661	182
34	Root forage.....	acres.....	1,880	64	7	129	73	9
35	Potatoes.....	tons.....	3,251	91	25	361	163	21
36	Sweet potatoes and yams.....	acres.....	1,481	116	15	39	43	166
37	Other vegetables.....	tons.....	31,921	35	1,373	522	88	214
38	Maple trees.....	acres.....	30,226	51	1,268	692	101	242
39	Maple sugar (made).....	tons.....	33,146	3,537	241	1,308	81	2,406
40	Maple sirup (made).....	acres.....	47,742	5,190	247	1,753	95	3,629
41	All other vegetables.....	tons.....	16,491	249	281	451	80	109
42	Maple trees.....	acres.....	29,533	328	492	480	88	302
43	Maple sugar (made).....	tons.....	9,868	91	117	1,071	330	198
44	Maple sirup (made).....	acres.....	56,828	157	361	10,085	918	1,254
45	Maple trees.....	acres.....	121	3	.....	.....	2	.....
46	Maple sugar (made).....	tons.....	1,276	16	1	.....	35	.....
47	Maple sirup (made).....	acres.....	.....	.....	.....	.....	.....	.....
48	Special crops:							
49	Potatoes.....	acres.....	72,991	838	1,207	9,115	3,004	847
50	Sweet potatoes and yams.....	bushels.....	8,057,424	65,561	84,018	1,073,371	323,372	73,932
51	All other vegetables.....	acres.....	22,504	1,984	.....	1,956	1,273	445
52	Maple trees.....	bushels.....	3,186,499	232,620	54	292,794	214,045	60,429
53	Maple sugar (made).....	acres.....	86,227	2,356	5,204	13,200	7,267	1,716
54	Maple sirup (made).....	number.....	1,275	.....	20	.....	.....	.....
55	Maple sirup (made).....	pounds.....	1,195	.....	6	.....	.....	.....
56	Maple sirup (made).....	gallons.....	504	.....	3	.....	.....	.....
FRUITS AND NUTS								
56	Orchard fruits:							
57	Total.....	trees.....	3,185,749	164,257	80,680	397,913	145,780	53,158
58	Apples.....	bushels.....	2,372,358	69,953	102,365	359,691	117,399	9,796
59	Peaches and nectarines.....	trees.....	1,053,626	28,585	39,780	104,009	20,606	13,455
60	Pears.....	bushels.....	1,406,778	14,718	77,893	122,837	18,860	5,124
61	Plums and prunes.....	trees.....	1,216,476	70,520	25,478	83,716	46,098	28,907
62	Cherries.....	bushels.....	441,440	27,242	16,125	58,653	25,418	2,283
63	Quinces.....	trees.....	731,616	59,330	8,592	175,401	71,083	9,062
64	Small fruits.....	bushels.....	463,290	27,455	6,001	165,861	70,463	2,161
65	Strawberries.....	trees.....	46,547	2,055	4,289	3,781	1,537	592
66	Raspberries and loganberries.....	bushels.....	9,594	96	1,280	178	341	29
67	Blackberries and dewberries.....	trees.....	102,124	3,334	1,796	29,699	5,882	1,057
68	Cranberries.....	bushels.....	44,636	409	739	11,898	2,276	192
69	Nuts.....	trees.....	14,777	417	717	1,399	573	85
70	Walnuts.....	bushels.....	6,442	33	319	774	41	7
71	Almonds.....	vines.....	1,603,280	818,166	14,984	15,107	104,300	31,601
72	Other nuts.....	pounds.....	6,501,221	2,395,087	173,702	100,134	366,782	144,005
73	Small fruits:							
74	Total.....	acres.....	24,069	4,783	238	7,090	2,946	502
75	Strawberries.....	quarts.....	38,822,987	6,443,966	526,944	11,612,804	4,719,889	898,249
76	Raspberries and loganberries.....	acres.....	8,684	1,024	162	1,324	1,025	164
77	Blackberries and dewberries.....	quarts.....	18,767,473	1,841,235	429,391	3,637,606	2,489,843	283,095
78	Cranberries.....	acres.....	1,744	472	35	113	656	4
79	Walnuts.....	quarts.....	2,143,877	574,539	37,943	156,985	814,667	4,113
80	Almonds.....	acres.....	4,332	2,090	25	103	754	6
81	Other nuts.....	quarts.....	5,450,789	2,695,876	41,863	90,816	986,374	10,045
82	Walnuts.....	acres.....	9,030	1,185	.....	5,435	450	328
83	Almonds.....	quarts.....	12,072,288	1,315,008	.....	7,517,696	369,600	600,736
84	Other nuts.....	trees.....	22,764	352	56	664	8,657	16
85	Walnuts.....	pounds.....	249,626	3,410	2,005	17,511	4,700	725

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

1	Labor.....	Farms reporting.....	23,448	889	827	1,852	861	344
2	Cash expended.....	dollars.....	8,638,475	212,724	429,194	1,127,567	346,823	78,623
3	Rent and board furnished.....	dollars.....	2,464,252	22,245	122,158	254,417	84,123	10,164
4	Fertilizer.....	Farms reporting.....	23,685	1,181	639	1,810	943	511
5	Amount expended.....	dollars.....	4,277,664	112,768	128,201	480,814	223,535	43,349
6	Feed.....	Farms reporting.....	23,014	1,229	950	1,786	837	439
7	Amount expended.....	dollars.....	5,947,181	237,094	344,532	495,174	165,830	72,220
8	Receipts from sale of feedable crops.....	dollars.....	2,076,931	20,491	13,463	217,019	47,083	9,585

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

		Cumber-land.	Essex.	Gloucester.	Hudson.	Hunterdon.	Mercer.	Middlesex.	Monmouth.
VALUE OF ALL CROPS									
1	Total.....dollars.	2,570,056	809,135	3,612,325	883,526	2,359,899	2,265,407	1,909,154	4,479,286
2	Cereals.....dollars.	542,832	25,297	468,293	190	1,866,551	726,522	513,300	1,002,818
3	Other grains and seeds.....dollars.	4,287	360	11,789	100	1,997	162	457	10,614
4	Hay and forage.....dollars.	324,274	161,945	347,525	14,008	643,113	576,269	575,350	630,470
5	Vegetables.....dollars.	1,257,521	213,884	2,461,705	217,454	114,708	558,468	559,457	2,001,775
6	Fruits and nuts.....dollars.	359,176	32,131	264,970	76	166,799	137,425	134,584	385,140
7	All other crops.....dollars.	81,966	355,578	58,043	651,698	66,731	266,561	126,026	448,409
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....acres.	23,948	913	20,187	5	85,871	34,046	24,204	39,952
10	Corn.....bushels.	750,731	38,991	641,704	300	2,098,530	1,042,494	714,155	1,363,798
11	Oats.....bushels.	18,778	709	17,226	3	32,156	17,831	13,211	24,699
12	Wheat.....bushels.	657,515	34,445	598,205	220	1,083,816	740,348	504,157	1,099,656
13	Barley.....bushels.	688	56	336	2	22,772	4,459	1,622	393
14	Rye.....bushels.	13,972	1,504	7,015	80	459,418	86,639	25,262	11,105
15	Buckwheat.....bushels.	4,319	28	1,257		19,693	7,199	4,568	4,050
16	Other grains.....bushels.	70,987	688	20,289		305,918	139,187	90,084	90,048
17	Hay and forage.....acres.	50				61	19	25	10
18	Dry edible beans.....bushels.	7	8	22		4,367	41	105	30
19	Other grains.....bushels.	141		232		78,679	907	1,607	454
20	Hay and forage.....bushels.	352	112	1,345		6,832	4,494	4,651	10,770
21	Dry edible beans.....bushels.	1,966	2,208	15,873		80,679	75,165	82,865	162,323
22	Other grains.....bushels.	239		3		2	9	3	
23	Hay and forage.....bushels.	1,468		23		18	64	25	
24	Hay and forage:								
25	Total.....acres.	21,374	7,231	15,966	325	40,974	26,450	25,899	27,873
26	All tame or cultivated grasses.....acres.	32,798	12,060	24,355	1,173	47,639	40,549	37,360	38,117
27	Timothy alone.....acres.	10,734	5,014	14,406	123	40,583	21,104	19,785	24,130
28	Timothy and clover mixed.....acres.	15,709	7,016	20,670	362	45,339	28,645	25,229	32,393
29	Clover alone.....acres.	1,673	2,000	2,374	64	17,499	8,847	10,150	6,585
30	Alfalfa.....acres.	2,274	3,982	4,023	237	19,784	11,544	12,781	8,381
31	Other tame or cultivated grasses.....acres.	7,267	697	10,599	48	21,781	11,513	8,618	16,731
32	Wild, salt, or prairie grasses.....acres.	10,570	1,110	15,121	114	24,307	16,123	11,430	22,515
33	Grains cut green.....acres.	662		432		953	224	138	203
34	Course forage.....acres.	892		685		1,022	329	148	435
35	Root forage.....acres.	134	11	74		110	41	57	316
36	Potatoes.....acres.	365	27	102		190	96	189	793
37	Sweet potatoes and yams.....acres.	61	1	47		35	122	251	33
38	All other vegetables.....acres.	84	2	75		3	49	198	237
39	Maple trees.....acres.	937	1,705	470	10	205	357	571	172
40	Maple sugar (made).....pounds.	1,524	644	881	8	181	365	444	212
41	Maple sirup (made).....gallons.	9,694	1,340	771	188	39	72	1,434	274
42	Maple sirup (made).....gallons.	13,077	1,891	881	540	39	60	2,107	409
43	Maple sirup (made).....gallons.	469	373	335	8	113	4,707	4,293	3,098
44	Maple sirup (made).....gallons.	709	1,042	415	133	469	7,508	7,097	4,327
45	Maple sirup (made).....gallons.	411	502	454	6	240	564	387	170
46	Maple sirup (made).....gallons.	2,969	2,109	2,409	138	1,592	4,307	2,921	978
47	Maple sirup (made).....gallons.	66	2	2		3	8	1	10
48	Maple sirup (made).....gallons.	391	2			29	6		
49	Maple sirup (made).....gallons.	5,729	316	7,149		950	5,479	4,845	14,784
50	Maple sirup (made).....gallons.	647,415	24,050	876,274	20	66,603	556,729	475,807	1,893,523
51	Maple sirup (made).....gallons.	3,559		8,884		2	221	62	493
52	Maple sirup (made).....gallons.	411,611		1,414,953		185	26,197	6,951	51,897
53	Maple sirup (made).....gallons.	8,467	1,518	14,792	524	653	2,419	2,623	9,306
54	Maple sirup (made).....gallons.								
55	Maple sirup (made).....gallons.								
FRUITS AND NUTS									
56	Orchard fruits:								
57	Total.....trees.	222,269	17,723	233,344	70	424,394	143,396	118,402	396,099
58	Apples.....bushels.	140,192	25,454	216,335	61	167,404	143,716	33,036	349,605
59	Peaches and nectarines.....bushels.	47,670	7,019	83,865	13	80,961	72,901	54,179	181,232
60	Pears.....bushels.	57,416	17,146	117,421	8	103,785	121,254	16,344	277,996
61	Plums and prunes.....bushels.	73,413	9,141	75,534		309,476	30,713	28,706	111,536
62	Cherries.....bushels.	29,350	7,297	23,013		49,074	13,527	10,619	58,331
63	Quinces.....bushels.	90,018	607	66,250	36	18,419	30,662	30,876	99,155
64	Other fruits.....bushels.	50,941	641	73,466	50	5,565	5,132	3,704	11,568
65	Small fruits.....bushels.	3,823	211	1,057		3,141	2,555	1,511	2,130
66	Strawberries.....bushels.	449	23	465		391	762	391	801
67	Raspberries and dewberries.....bushels.	6,456	273	5,520		10,443	5,420	2,319	1,267
68	Blackberries and dewberries.....bushels.	1,372	211	1,619	21	7,717	2,596	1,774	560
69	Other fruits.....bushels.	869	269	1,993	3	1,855	1,129	744	705
70	Small fruits.....bushels.	158	136	49		849	443	315	349
71	Small fruits.....pounds.	361,791	1,784	78,144	1	1,448	8,102	6,233	47,240
72	Total.....pounds.	1,212,391	22,440	426,618		36,395	153,717	50,747	563,291
73	Strawberries.....quarts.	3,074	116	1,059		93	275	873	1,300
74	Raspberries and dewberries.....quarts.	5,045,201	257,072	1,858,641		139,574	496,465	646,012	2,014,733
75	Blackberries and dewberries.....quarts.	2,087	98	684		35	207	150	585
76	Other fruits.....quarts.	3,988,594	234,113	1,291,388		88,785	414,584	422,140	1,100,547
77	Strawberries.....quarts.	12	5	29		50	24	20	213
78	Raspberries and dewberries.....quarts.	9,973	6,992	25,342		40,565	19,580	32,824	308,347
79	Blackberries and dewberries.....quarts.	637	4	99		7	38	14	447
80	Other fruits.....quarts.	816,236	4,227	87,271		8,679	55,029	20,269	520,512
81	Nuts.....trees.	334		343				87	40
82	Nuts.....pounds.	226,528		440,376				169,600	65,344
83	Nuts.....pounds.	2,282		2,950		1,813	867	51	117
84	Nuts.....pounds.	27,340		17,540		30,934	7,992	1,975	3,221

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

1	Labor.....Farms reporting.....dollars.	1,660	451	1,578	176	2,018	1,187	1,042	2,160
2	Cash expended.....dollars.	375,734	322,115	547,969	265,638	358,429	402,966	357,464	912,267
3	Fertilizer.....Farms reporting.....dollars.	77,902	77,902	153,737	71,712	146,742	161,764	120,071	270,716
4	Amount expended.....dollars.	2,159	268	626,244	119	2,169	1,295	1,162	2,410
5	Feed.....Farms reporting.....dollars.	366,718	40,455	1,024	38,588	152,230	277,742	252,949	542,742
6	Amount expended.....dollars.	2,012	473	1,598	127	1,703	1,047	772	1,634
7	Receipts from sale of feedable crops.....dollars.	385,828	358,979	308,535	98,333	228,744	201,533	188,274	337,207
8	Receipts from sale of feedable crops.....dollars.	84,040	8,584	51,602		247,030	238,132	239,021	180,443

AGRICULTURE—NEW JERSEY.

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

		Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.
VALUE OF ALL CROPS									
1	Total.....	dollars.. 1,877,005	466,524	776,788	3,185,274	1,832,017	1,476,080	899,923	1,666,043
2	Cereals.....	dollars.. 408,196	111,365	46,335	824,007	810,463	445,640	57,287	849,819
3	Other grains and seeds.....	dollars.. 7,709	445	22	3,920	18,405	421	8	471
4	Hay and forage.....	dollars.. 490,226	102,513	168,286	489,075	653,979	712,251	144,588	393,163
5	Vegetables.....	dollars.. 202,139	107,151	347,931	1,709,543	121,865	135,353	158,276	271,235
6	Fruits and nuts.....	dollars.. 125,952	100,859	46,682	119,770	104,173	113,080	84,754	89,155
7	All other crops.....	dollars.. 576,783	44,191	167,532	38,959	122,992	69,385	455,010	62,200
SELECTED CROPS (acres and quantity)									
Cereals:									
8	Total.....	acres.. 25,278	5,620	2,232	34,758	48,900	26,807	2,360	55,342
9	bushels.. 870,584	167,595	78,475	1,128,944	1,124,095	739,925	100,079	1,219,389	
10	Corn.....	acres.. 11,020	4,043	1,363	24,940	18,748	10,616	1,947	20,500
11	bushels.. 422,804	149,531	62,356	939,775	937,517	486,825	91,702	663,226	
12	Oats.....	acres.. 6,663	101	151	1,111	12,547	7,050	159	12,900
13	bushels.. 131,697	2,817	2,690	21,319	214,532	134,224	3,821	237,625	
14	Wheat.....	acres.. 2,985	38	54	8,538	11,496	1,139	99	11,890
15	bushels.. 48,820	713	1,204	166,538	195,798	16,815	1,973	198,538	
16	Barley.....	acres.. 12	266	6	4	53	80	40	
17	bushels.. 1,479	13	263	6	260	3,392	18	2,975	
18	Buckwheat.....	acres.. 25,295	193	5,260	90	4,902	48,695	375	42,566
19	bushels.. 3,119	1,420	399	133	5,792	4,666	137	7,074	
20	Rye.....	acres.. 3,119	14,320	6,959	2,222	90,237	53,280	2,148	77,394
21	bushels.. 41,702	13	6	1	9	7	5	17	
22	Dry edible beans.....	acres.. 175	25	5	56	65	23	1	107
23	bushels.. 27,442	6,912	8,087	26,486	38,694	41,191	6,209	23,107	
24	Total.....	acres.. 33,629	11,956	10,486	41,087	42,227	62,093	11,291	29,376
25	tons.. 24,310	3,413	7,310	20,358	37,903	37,993	5,530	22,235	
26	All tame or cultivated grasses.....	acres.. 28,001	4,225	9,049	30,582	39,228	46,841	7,833	25,525
27	tons.. 10,115	533	2,925	2,354	17,658	13,243	3,276	4,903	
28	Timothy alone.....	acres.. 12,641	682	4,287	3,217	18,099	15,747	5,161	5,598
29	tons.. 10,267	2,269	1,742	16,347	18,297	9,735	1,886	14,596	
30	Timothy and clover mixed.....	acres.. 11,124	2,746	2,234	24,895	19,199	12,470	2,303	16,657
31	tons.. 406	113	48	452	714	651	10	575	
32	Clover alone.....	acres.. 476	176	71	734	794	1,025	18	728
33	tons.. 150	5	2	15	106	37	15	62	
34	Alfalfa.....	acres.. 302	7	2	40	281	66	14	137
35	tons.. 34	8	65	37	178	254	31	46	
36	Millet or Hungarian grass.....	acres.. 44	14	68	59	189	279	77	
37	tons.. 3,393	485	2,537	1,153	550	14,073	321	2,053	
38	Other tame or cultivated grasses.....	acres.. 3,414	600	2,387	1,637	705	17,248	260	2,328
39	tons.. 2,055	3,375	267	4,639	242	755	124	295	
40	Wild, salt, or prairie grasses.....	acres.. 2,221	7,573	261	6,411	234	191	75	
41	tons.. 511	118	167	393	207	184	263	265	
42	Grains cut green.....	acres.. 1,897	140	331	1,270	500	497	1,215	
43	tons.. 547	6	334	1,096	339	2,226	283	496	
44	Coarse forage.....	acres.. 1,436	18	845	2,804	2,211	13,390	2,168	
45	tons.. 9	74	45	581	20	6	80		
46	Root forage.....	acres.. 74	758	743	10,111	833	1,222	438	
47	bushels.. 117,225	59,875	46,198	1,303,088	58,372	96,913	17,748	2,613	
48	Potatoes.....	acres.. 2	189	42	3,460	1	4	4	
49	bushels.. 141	14,896	42	459,592	149	4	4	65	
50	Sweet potatoes and yams.....	acres.. 1,582	644	1,654	8,931	607	908	1,205	
51	bushels.. 141	14,896	42	459,592	149	4	4	65	
52	All other vegetables.....	acres.. 1,582	644	1,654	8,931	607	908	1,205	
53	Maple trees.....	number.. 1,582	644	1,654	8,931	607	908	1,205	
54	Maple sugar (made).....	pounds.. 1,582	644	1,654	8,931	607	908	1,205	
55	Maple sirup (made).....	gallons.. 1,582	644	1,654	8,931	607	908	1,205	
FRUITS AND NUTS									
56	Total.....	acres.. 159,759	40,840	25,149	89,873	148,711	129,686	40,264	133,999
57	bushels.. 119,379	34,886	32,009	91,078	80,198	142,709	57,393	79,706	
58	Apples.....	acres.. 60,667	15,300	13,582	40,655	38,635	70,503	12,114	62,875
59	bushels.. 88,183	19,640	23,554	67,284	50,673	114,261	33,883	56,551	
60	Peaches and nectarines.....	acres.. 25,767	7,342	6,908	24,552	70,258	48,041	23,574	50,347
61	bushels.. 5,284	1,216	3,055	9,457	16,185	22,665	20,313	15,064	
62	Pears.....	acres.. 2,214	6,974	2,083	14,984	20,782	6,149	8,942	
63	bushels.. 3,066	745	1,826	13,355	7,066	3,804	2,092	3,361	
64	Plums and prunes.....	acres.. 745	745	1,165	1,332	6,563	1,226	706	
65	bushels.. 3,621	490	836	364	1,293	260	144	653	
66	Cherries.....	acres.. 1,709	530	469	2,162	11,560	3,312	1,068	
67	bushels.. 1,497	60	411	535	4,538	1,424	819	2,946	
68	Quinces.....	acres.. 746	60	134	183	829	431	302	
69	bushels.. 5,327	673	3,832	64,944	28,168	6,768	3,306	1,341	
70	Grapes.....	vines.. 117,518	10,165	38,655	311,860	245,881	47,182	45,775	
71	pounds.. 115	989	92	790	79	80	118	57	
72	Small fruits:	acres.. 233,266	1,654,446	189,706	1,464,432	140,058	154,811	246,914	
73	Total.....	acres.. 81	130	59	42	42	51	102	
74	Strawberries.....	acres.. 203,842	266,710	155,999	1,413,481	94,550	127,491	234,711	
75	quarts.. 16	21	16	16	17	17	2	22	
76	Raspberries and loganberries.....	acres.. 15,057	14,300	17,004	290	21,422	18,164	2,099	
77	quarts.. 10	14	12	39	17	7	7	7	
78	Blackberries and dewberries.....	acres.. 9,180	17,045	12,554	48,518	10,852	5,028	1,800	
79	quarts.. 3	824	1	1	1	1	1	1	
80	Cranberries.....	acres.. 1,280	1,356,192	704	160	64	70	865	
81	quarts.. 1,143	24	87	436	809	1,503	980	865	
82	Nuts.....	pounds.. 22,723	1,190	4,310	17,340	26,175	29,520	70	
83	pounds.. 115,374	28,668	14,839	103,444	275,506	25,641	17,185	136,841	

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

1	Labor.....	Farms reporting.....	1,493	510	554	1,488	1,340	1,333	443	1,302
2	Cash expended.....	dollars.. 722,808	118,640	291,353	377,283	560,516	290,984	308,655	235,733	
3	Rent and board furnished.....	dollars.. 143,141	42,236	113,929	180,267	164,964	103,654	62,766	105,054	
4	Fertilizer.....	Farms reporting.....	1,214	492	343	1,779	1,423	394	1,122	
5	Amount expended.....	dollars.. 106,398	29,122	49,276	524,778	148,154	19,803	47,988	66,775	
6	Feed.....	Farms reporting.....	1,359	498	746	1,529	1,096	1,453	474	1,222
7	Amount expended.....	dollars.. 385,678	97,328	259,880	375,837	232,375	753,294	236,432	184,074	
8	Receipts from sale of feedable crops.....	dollars.. 115,374	28,668	14,839	103,444	275,506	25,641	17,185	136,841	

AGRICULTURE—NEW JERSEY.

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

	THE STATE.	Atlantic.	Bergen.	Burling- ton.	Camden.	Cape May.	Cumber- land.	Essex.	Glouces- ter.	Hudson.	Hunter- don.	
1	Inclusures reporting domestic animals..	40,871	966	3,753	1,678	1,520	584	1,402	5,911	929	3,543	738
2	Value of domestic animals.....dollars..	17,523,864	413,854	1,257,071	437,966	690,524	130,346	312,489	3,690,943	244,246	3,557,693	177,359
	Cattle:											
3	Total number.....	14,512	131	1,734	461	280	320	597	1,651	244	987	477
4	Value.....dollars.....	680,837	5,220	91,211	20,372	12,711	12,861	23,140	80,383	11,462	63,920	13,636
5	Number of dairy cows.....	11,869	102	1,490	382	232	446	1,436	188	776	776	237
	Horses:											
6	Total number.....	96,384	2,569	6,445	2,719	3,541	971	2,252	20,019	1,521	17,722	1,009
7	Value.....dollars.....	16,476,601	396,268	1,146,306	402,454	645,891	123,555	275,238	3,548,011	227,050	3,462,821	157,850
8	Number of mature horses.....	96,235	2,568	6,438	2,711	3,535	967	2,249	20,005	1,517	17,719	994
	Mules and asses and burros:											
9	Total number.....	1,574	69	45	60	132	13	56	328	14	148	9
10	Value.....dollars.....	262,389	8,015	7,158	12,245	25,039	1,310	8,585	56,012	1,975	27,585	1,700
11	Number of mature mules.....	1,475	61	35	62	131	13	53	315	13	142	9
	Swine:											
12	Total number.....	9,264	460	844	280	694	163	552	269	359	328	394
13	Value.....dollars.....	84,425	4,112	6,288	2,800	5,761	1,588	5,388	2,553	3,690	2,190	3,940
	Sheep and goats:											
14	Total number.....	2,318	30	851	14	120	3	19	462	9	133	17
15	Value.....dollars.....	19,552	239	6,108	95	1,122	32	138	3,984	69	1,177	224

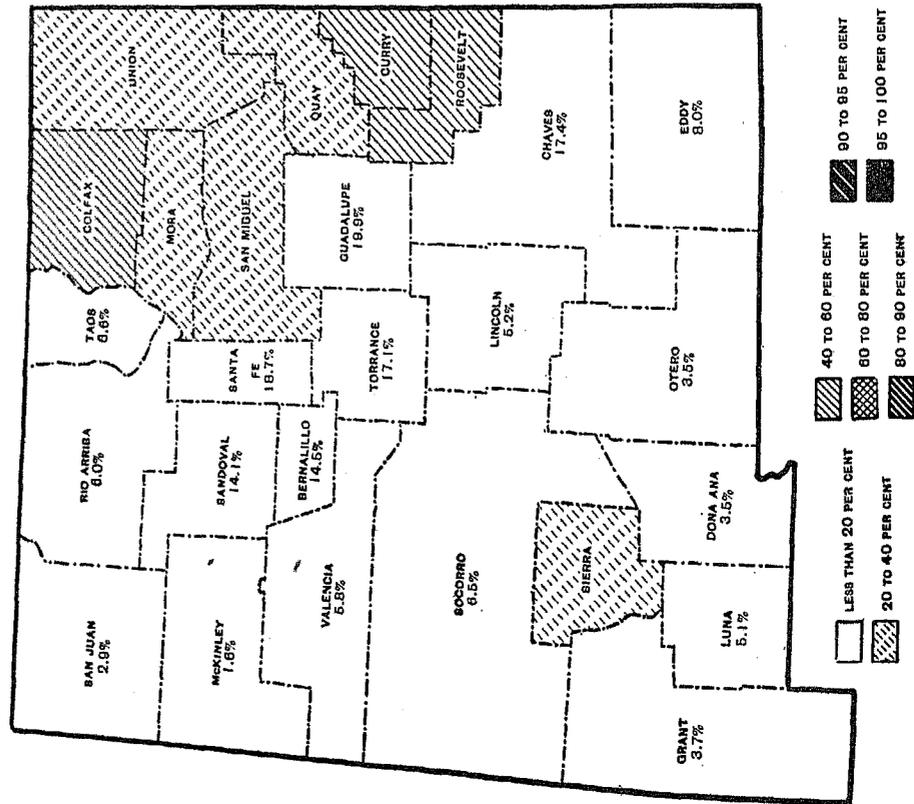
	Mercer.	Middle- sex.	Mon- mouth.	Morris.	Ocean.	Passaic.	Salem.	Somerset.	Sussex.	Union.	Warren.	
1	Inclusures reporting domestic animals..	1,671	2,171	3,463	2,536	1,285	2,533	815	1,075	833	2,191	1,269
2	Value of domestic animals.....dollars..	776,458	608,280	1,170,753	803,020	296,854	1,068,425	185,405	341,282	191,119	870,784	274,987
	Cattle:											
3	Total number.....	319	1,060	860	1,439	700	847	207	379	423	905	401
4	Value.....dollars.....	15,180	47,929	43,012	58,221	27,259	41,539	9,012	16,646	15,475	44,883	17,825
5	Number of dairy cows.....	262	929	743	1,098	584	736	183	293	317	794	379
	Horses:											
6	Total number.....	4,252	3,681	6,652	4,429	1,818	6,078	1,218	1,935	1,225	4,590	1,738
7	Value.....dollars.....	745,734	542,443	1,118,674	731,374	256,081	1,005,817	170,964	320,949	164,869	701,576	242,667
8	Number of mature horses.....	4,248	3,674	6,640	4,409	1,816	6,068	1,212	1,932	1,218	4,586	1,729
	Mules and asses and burros:											
9	Total number.....	76	81	54	57	37	94	12	17	50	160	50
10	Value.....dollars.....	13,225	11,835	5,940	9,180	3,530	16,885	2,300	2,875	7,620	32,380	6,985
11	Number of mature mules.....	75	77	30	43	35	93	12	16	50	161	49
	Swine:											
12	Total number.....	249	629	825	564	840	145	349	82	369	135	719
13	Value.....dollars.....	2,042	5,615	8,304	4,099	9,929	2,109	3,103	669	3,140	1,128	5,977
	Sheep and goats:											
14	Total number.....	40	73	83	17	8	251	5	28	1	105	49
15	Value.....dollars.....	277	458	823	152	55	2,075	26	143	15	817	1,623

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

PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 14.4.]

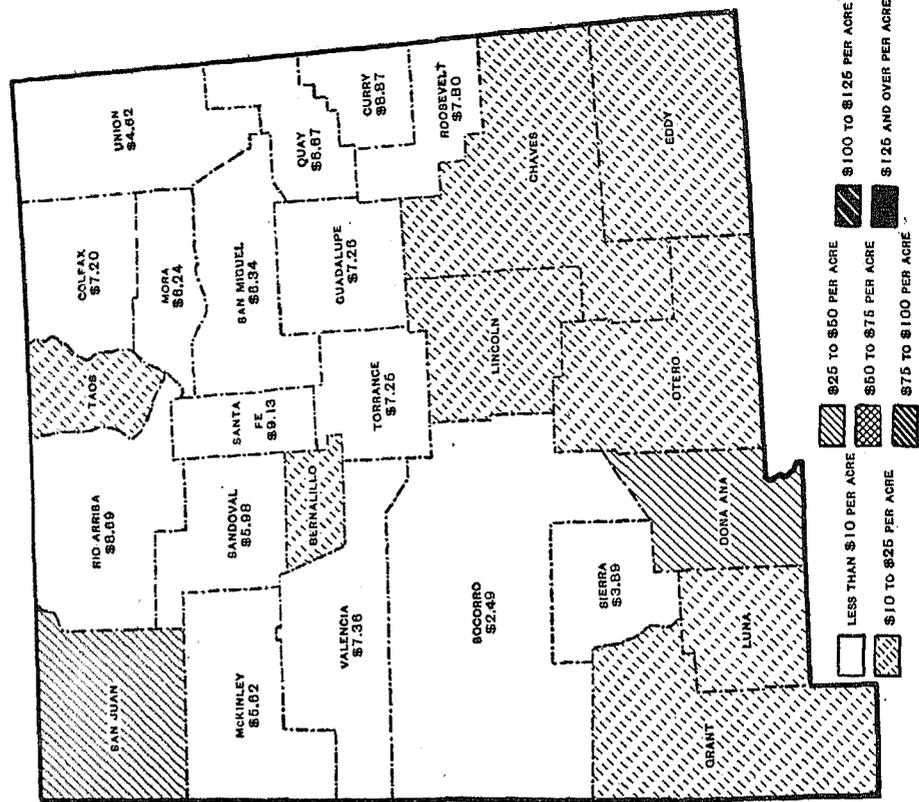
The per cent of land area in farms, when less than 20, is inserted under the county name.



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$8.77.]

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



NEW MEXICO.

FARMS AND FARM PROPERTY.

New Mexico ranks fourth in land area and forty-fourth in population among the states and territories of continental United States. Its average altitude is estimated at 5,700 feet above sea level, the lowest being found in the extreme southern and southwestern sections of the state. The valleys of the Rio Grande and the Pecos and the desert valleys of the southwestern portion of the state attain an altitude of approximately 3,500 feet above sea level. This region forms a portion of the arid southwestern section of the United States. By far the greater part of New Mexico, comprising the western, northern, and eastern portions of the state, consists of a plateau ranging in altitude from 4,500 to 8,000 feet above sea level. Overlooking this plateau are numerous mountain chains and peaks ranging in elevation from 10,000 to over 13,000 feet above the sea.

The soils of the Pecos and the Rio Grande Valleys range in character from gravelly and sandy soils to heavy loams. They are of alluvial origin, being derived largely from the deposits washed down by streams from the mountain ranges in the northern part of the state. The soils of the desert valleys are composed chiefly of the gravelly and sandy detritus from the adjacent mountains and plateaus. Within these valleys occur areas of loam and clay soils occupying the depressions and local desert sinks produced by geological uplifts and subsidences. The soils upon the greater portion of the plateau are derived through the weathering of the underlying rocks. Wherever the rainfall is adequate the mountains are forested.

The rainfall varies greatly with the altitude. On the high plateaus it is sufficient for the growing of grain crops without irrigation, but in the stream valleys irrigation is necessary. The normal annual precipitation ranges from about 6 inches in the Rio Grande and San Juan Valleys to 20 inches on the plateaus, and to still more in the mountains.

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. About one-seventh only of the state's entire land area is in farms. As shown by the first map, three counties—Colfax, Curry, and Roosevelt—have a percentage between 40 and 60 per cent, and five counties have between 20 and 40 per cent. Seven of these eight counties form a compact group in the northeastern part of the state, and one—Sierra County—is in the southwestern part. In all other counties the proportion of land in farms is under 20 per cent.

For New Mexico as a whole the average value per acre of farm land, exclusive of buildings, is \$8.77. As shown by the second map, this value per acre is quite variable for the several counties, the averages ranging from \$2.49 per acre in Socorro County to over \$25 (\$41.46) in Dona Ana County.

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. ¹	
			Amount.	Per cent.
Population.....	327,301	195,310	131,991	67.6
Number of all farms.....	35,676	12,311	23,365	189.8
Approximate land area of the state.....acres.	78,401,920	78,401,920		
Land in farms.....acres.	11,270,021	5,130,878	6,139,143	119.7
Improved land in farms.....acres.	1,467,191	326,873	1,140,318	348.9
Average acres per farm.....	315.9	416.8	-100.9	-24.2
Value of farm property:				
Total.....	\$159,447,990	\$53,767,824	\$105,680,166	196.6
Land.....	98,806,497	17,323,709	81,482,788	470.4
Buildings.....	13,024,502	3,565,105	9,459,397	265.3
Implements and machinery.....	4,122,312	1,151,610	2,970,702	258.0
Domestic animals, poultry, and bees.....	43,494,679	31,727,400	11,767,279	37.1
Average value of all property per farm.....	\$4,469	\$4,367	\$102	2.3
Average value of land per acre.....	\$8.77	\$3.38	\$5.39	159.5

¹ 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 864 such ranges included as farms.

Between 1900 and 1910 there was an increase of 131,991, or 67.6 per cent, in the population of New Mexico, and of 23,365, or 189.8 per cent, in the number of farms. The farm acreage increased 6,139,143

acres, or 119.7 per cent, while the acreage of improved land increased 1,140,318 acres, or 348.9 per cent.

The total value of farm property, which includes that of land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), increased during the decade \$105,680,000, or 196.6 per cent. Of this great advance in value, land alone contributed an increase of \$81,483,000, or 470.4 per cent; implements and machinery, \$2,971,000, or 258 per cent; buildings, \$9,459,000, or 265.3 per cent; and live stock, \$11,767,000, or 37.1 per cent. 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 with its equipment was \$4,469 in 1910, compared with \$4,367 in 1900. The average value per acre of land alone rose from \$3.38 in 1900 to \$8.77 in 1910.

Irrigation.—Of the 35,676 farms reported, 12,795, or 35.9 per cent, were irrigated in 1909. The acreage reported as irrigated in 1909 was 461,718, or 31.5 per cent of the total improved land in farms. The area to which irrigation plants existing in 1910 were capable of supplying water was 644,970 acres; and the total acreage included in irrigation projects completed or under way in 1910 was 1,102,291 acres.

Population, number of farms, and farm acreage: 1870 to 1910.—The table following presents, for New Mexico 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. ¹	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910.....	327,301	35,676	189.8	11,270,021	119.7	1,467,191	14.4	13.0
1900.....	195,310	12,911	176.2	5,130,878	651.2	326,873	6.5	6.4
1890.....	160,282	4,458	-11.8	787,882	24.8	265,106	1.0	33.4
1880.....	119,565	5,053	12.8	631,131	-24.3	237,392	0.8	37.6
1870 ²	91,874	4,480	.....	833,549	.....	143,007	1.1	17.2

¹ A minus sign (-) denotes decrease.

² Change of area of state makes data for 1860 and 1850 not comparable.

During the 40 years covered by the foregoing table the population increased from 91,874 in 1870 to 327,301 in 1910, or more than trebled. This increase was much more rapid during the last 10 years than during the preceding 30 years.

There has been an increase in the number of farms since 1870, although the number reported in 1890 was considerably less than that in 1880 and slightly less than that in 1870. The small number of farms reported in

1890, as compared with the number in 1880 or in 1900, was, however, due in part to the failure in 1890 to enumerate a considerable number of small farms belonging to Mexicans; hence the decrease at that time was apparent rather than real. From 1890 to 1900 an important increase took place; but of the 35,676 farms reported in 1910, nearly two-thirds of the number were added during the preceding 10 years.

The land surface of New Mexico is approximately 78,401,920 acres, of which 11,270,021 acres, or 14.4 per cent, are included in farms. Of this farm acreage, 1,467,191 acres, or 13 per cent, are reported as improved land, representing 1.9 per cent of the total land area of the state. The total acreage of farm land increased 6,139,143 acres, or 119.7 per cent, during the last decade. In Santa Fe County a considerable loss in farm acreage is reported as compared with 1900. This may be due in part to a change in the county boundaries, but it is more likely occasioned by the method of reporting entire ranches as though wholly within the county in which the headquarters are located; and since the outlines of the ranch itself or the residence of the agent in charge may change from time to time, the acreage of various counties may by these facts be greatly varied. The reported acreage of improved land increased by 1,140,318 acres, or 348.9 per cent, and now represents 13 per cent of all farm land, as compared with 6.4 per cent in 1900. From 1890 to 1910 the total farm acreage increased rapidly, although from 1870 to 1880 a decrease occurred which was not wholly offset by the small gain from 1880 to 1890. The reported improved acreage has increased continuously from 143,007 acres in 1870 to 1,467,191 acres in 1910, the greater part of the increase being credited to the decade 1900 to 1910.

Values of farm property: 1870 to 1910.—The agricultural changes in New Mexico 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.....	\$150,447,900	196.6	\$111,830,999	435.4	\$4,122,312	258.0	\$43,494,679	37.1
1900.....	53,767,824	60.3	20,888,814	156.0	1,151,610	295.0	31,727,400	26.3
1890.....	133,543,141	101.0	8,140,800	47.6	291,140	14.1	25,111,201	130.1
1880.....	116,684,361	337.2	5,514,399	205.0	255,162	163.3	10,914,800	471.1
1870 ²	3,816,328	.....	1,808,111	.....	96,891	.....	1,911,320	.....

¹ Includes estimated value of range animals.

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

³ Change of area of state makes data for 1860 and 1850 not comparable.

The total wealth of New Mexico in the form of farm property is \$159,448,000, of which \$111,831,000, or about 70 per cent, is represented by land and buildings, \$43,495,000, or 27.3 per cent, by live stock, and

\$4,122,000, or 2.6 per cent, by implements and machinery. From 1870 to 1900 the value of live stock was greater than the value of land and buildings, but in 1910 the value of land and buildings was over two and one-half times that of live stock. In 1870 the value of live stock was almost twenty times that of implements and machinery; in 1880 it was over forty-two times as great; and in 1890 over eighty-six times as great. From 1890 to 1910, however, implements and machinery showed a decided increase in value, thereby reducing the proportion between live stock and the former class of property from over eighty-six times as great in 1890 to only about ten and one-half times as great in 1910. Although the increase in the total value of farm property has been continuous throughout the past four decades, it was much slower from 1870 to 1900 than for the last decade, which shows an increase more than double that of the preceding 30 years.

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 New Mexico farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	315.9	\$4,469	\$3,135	\$116	\$1,219	\$9.92
1900.....	416.8	4,307	1,697	93	2,577	4.07
1890.....	176.7	2 7,524	1,826	65	2 5,633	10.33
1880.....	124.9	2 3,302	1,091	50	2 2,160	8.74
1870 ^{2,4}	186.1	852	404	22	427	2.17

¹ Averages are based on "all farms" in state.
² Includes estimated value of range animals.
³ Computed gold values, being 80 per cent of the currency values reported.
⁴ Change of area of state makes data for 1860 and 1850 not comparable.

One of the characteristics of New Mexico is the great area of arid land utilized, if at all, for grazing purposes only. Upon this land are some very large farms or ranches, giving a high average number of acres per farm and a low average value per acre of farm land for the state. The farms other than those used almost exclusively for grazing purposes are not, on an average, unusually large.

During the 40 years since 1870 the average size of New Mexico farms has fluctuated considerably. In 1870 the average size, 186.1 acres, was about three-fifths the size in 1910, but in 1900 it was 416.8 acres, or over two and a third times as large as in 1890. During the last decade there was a decrease of over 100 acres per farm, the average size in 1910 being 315.9 acres.

The average value of a New Mexico farm, including its equipment, is \$4,469, of which \$3,135 represents the value of land and buildings, \$1,219 that of live stock, and \$116 that of implements and machinery. The

average value of land and buildings is \$9.92 per acre, or more than double what it was 10 years ago. Beginning at a low figure in 1870 the average value of all farm property increased rapidly until 1890, at which time it was \$7,524 per farm. In 1910, however, the average value per farm had fallen to \$4,469, representing a decrease from that of 1890 of \$3,055, or 40.6 per cent, although the past decade showed a slight increase in the value. The average value per farm of land and buildings in 1910 is, however, \$1,309 greater than in 1890. These fluctuations in average values are principally due to the increases and decreases in the value of the live stock range business. The increase in the value of implements and machinery has been continuous but quite small, amounting to \$94 per farm in 40 years. The value of live stock per farm, after rapid increases from 1870 to 1890, at which time it was \$5,633, fell off \$3,056 during the next decade, reaching \$2,577, and between 1900 and 1910 again decreased to \$1,219 per farm.

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

TENURE.	1910	1900	1890	1880
Number of all farms.....	35,676	12,311	4,458	5,053
Farms operated by owners and managers.	33,719	11,157	4,257	4,645
Farms consisting of owned land only.....	30,417	10,176	(1)	(1)
Farms consisting of owned and hired land.....	2,981	493	(1)	(1)
Farms operated by managers.....	321	483	(1)	(1)
Farms operated by tenants.....	1,957	1,154	201	408
Share tenants.....	1,233	883	168	386
Share-cash tenants ²	51			
Cash tenants.....	440	271	33	22
Tenure not specified ³	233			
Per cent of farms operated by—				
Owners and managers.....	94.5	90.6	95.5	91.9
Tenants.....	5.5	9.4	4.5	8.1
Share and share-cash.....	3.6	7.2	3.8	7.7
Cash and non-specified.....	1.9	2.2	0.7	0.4

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

The number of all farms, and therefore of all farm operators, is 35,676. Of the operators, 33,398 are classified as owners, 321 as managers, and 1,957 as tenants. Of the owners, 30,417 are engaged in working land owned exclusively by them, while 2,981 work land rented in addition to that which they own. The tenants are further classified according to the character of their tenancy; thus 1,233 are share tenants, 51 share-cash tenants, 440 cash tenants, and for 233 no report relative to character of tenure was secured.

During the past decade the number of tenant farms increased from 1,154 to 1,957, or 803. In 1880 the number of tenant farms in the state was 408, while in 1890 it was only 201, or less than half as many. Thus the proportion of tenant farms fell from 8.1 per

cent in 1880 to 4.5 per cent in 1890. This proportion, however, increased to 9.4 per cent in 1900, but fell again to 5.5 per cent in 1910. The percentage of tenancy in 1910 is low in comparison with that for the Mountain division, where the rate of tenancy is 10.7 per cent, and lower still in comparison with that of 37 per cent for the United States as a whole.

For the purpose of comparison with the figures of the preceding census years, the share-cash tenants of 1910 have been grouped with the share, and the tenants for whom the character of tenure was not reported with the cash tenants. Throughout the period from 1880 to 1910 the latter class has constituted a comparatively small though an increasing proportion of all tenant farms. The number of farms rented for cash in 1910 was 1.9 per cent, and those rented on shares 3.6 per cent of all farms of the state.

While there was an increase of 23,365 in the total number of farms during the last decade, an increase of 22,562 is reported in the number of farms operated by owners and managers, and, as before stated, of only 803 in the number operated by tenants, thus reducing the proportion of tenant farms. The relative amount of farm tenancy in New Mexico has so far been low, thus conforming to the usual conditions in newly settled sections of the United States.

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.....	11,270,021	5,130,878	1,487,191	326,873	\$111,830,999	\$20,888,814
Owners.....	7,095,901	2,421,403	1,298,739	245,908	80,982,225	13,071,884
Managers.....	3,195,739	2,282,612	74,147	46,180	26,345,772	6,165,580
Tenants.....	978,381	426,863	94,305	34,785	10,502,002	1,651,370

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.....	93.6	86.7	63.0	47.2	88.5	75.2	72.4	62.6
Managers.....	0.9	3.9	28.4	44.5	5.1	14.1	18.2	29.5
Tenants.....	5.5	9.4	8.7	8.3	6.4	10.6	9.4	7.9

It will be seen that, in 1910, 63 per cent of all land in farms was in farms operated by their owners (including part owners), 28.4 per cent in farms operated by managers, and 8.7 per cent in farms operated by tenants, the percentage for owners being decidedly higher and that for managers decidedly lower than in 1900, while the percentage for tenants changed but little.

As shown by the next table, the average size of farms operated by managers in 1910 (9,955.6 acres), was nearly twenty times as great as that of farms operated by tenants (499.9 acres), which was in turn two and one-third times as great as that of farms operated by owners (212.5 acres). The average size of farms operated by managers and by tenants increased between 1900 and 1910, while that of farms operated by owners decreased. In 1910 the percentage of farm land improved was highest for farms operated by owners, 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	1910	1900
Total.....	315.9	416.8	41.1	26.6	13.0	6.4	\$3,135	\$1,697	\$9.92	\$4.07
Owners.....	212.5	226.9	38.9	23.0	18.3	10.2	2,425	1,225	11.41	5.40
Managers.....	9,955.6	4,725.9	231.0	95.6	2.3	2.0	63,376	12,705	6.37	2.70
Tenants.....	499.9	369.9	48.2	30.1	0.6	8.1	5,368	1,431	10.74	3.87

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

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

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	33,398	.....	11,469	.....	8,393	.....
Free from mortgage.....	31,382	94.6	10,655	97.7	8,142	97.0
Mortgaged.....	1,775	5.4	246	2.3	251	3.0
Unknown.....	241	.....	568	.....	.....	.....

¹ Includes all farms owned in whole or in part by the operator.
² The 113 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 33,398. Of this number 31,382 were reported as free from mortgage; 1,775 were reported as mortgaged; and for 241 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 5.4 per cent

of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is higher than that of 1890 and of 1900. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1910 the number free from mortgage has increased much more rapidly 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 1,775 farms reported as mortgaged, 1,532 are wholly owned by the farmers, and for 1,397 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910.

The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	1,397	251		
Value—Land and buildings.....	\$10,683,233	\$1,090,826		
Amount of mortgage debt.....	\$2,590,282	\$373,245		
Per cent of debt to value.....	24.2	34.2		
Average value per farm.....	\$7,647	\$4,346	\$3,301	76.0
Average debt per farm.....	\$1,854	\$1,487	\$367	24.7
Average equity per farm.....	\$5,793	\$2,859	\$2,934	102.6

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

The average debt of mortgaged farms increased in 20 years from \$1,487 to \$1,854, or 24.7 per cent, while the average value of such farms rose from \$4,346 to \$7,647, or 76 per cent. Thus the owner's equity increased from \$2,859 to \$5,793, or 102.6 per cent. As a result of the greater relative increase in farm value than in farm debt, the mortgage indebtedness, which was 34.2 per cent of the value of the mortgaged farms in 1890, had decreased to 24.2 per cent of this value in 1910.

Farms by size groups: 1910 and 1900.—More than two-fifths of all farms in New Mexico are from 100 to 174 acres in size, and over one-sixth from 260 to 499 acres, these two groups combined containing about three-fifths of all farms of the state. A study of the distribution of farms by size groups discloses the fact that of the groups in the table given below the greatest absolute gain, 12,667, was made in the "100 to 174 acres" group, while the greatest relative gain was made in the "260 to 499 acres" group. All the groups, however, show more or less increase, but the three size groups, ranging from 100 to 499 acres per farm, represent a larger proportion of all farms for 1910 than for 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.		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	35,875	12,311	23,365	189.8	100.0	100.0
Under 3 acres.....	988	701	287	40.9	2.8	5.7
3 to 9 acres.....	3,212	2,190	1,022	46.7	9.0	17.8
10 to 19 acres.....	2,685	2,166	519	24.0	7.5	17.6
20 to 49 acres.....	2,812	2,197	615	28.0	7.9	17.8
50 to 99 acres.....	1,820	959	861	89.8	5.1	7.8
100 to 174 acres.....	15,363	2,696	12,667	469.8	43.1	21.9
175 to 259 acres.....	1,353	288	1,065	369.8	3.8	2.3
260 to 499 acres.....	6,035	481	5,554	1,154.7	16.9	3.9
500 to 999 acres.....	836	308	528	171.4	2.3	2.5
1,000 acres and over.....	572	325	247	76.0	1.6	2.6

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 6,885), and also the farms of between 175 and 499 acres (numbering 7,388).

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	11,270,021.5	5,130,878	1,467,191	326,873	\$111,830,999	\$20,886,814
Under 20 acres.....	55,288	41,867	46,776	35,548	5,584,194	1,875,370
20 to 49 acres.....	87,971	65,950	57,882	42,947	6,132,982	1,692,650
50 to 99 acres.....	132,025	65,875	62,466	30,471	6,281,688	1,146,710
100 to 174 acres.....	2,418,328	413,440	545,207	71,830	27,994,954	3,403,550
175 to 499 acres.....	2,322,242	229,909	504,519	47,249	20,054,455	2,283,780
500 to 999 acres.....	684,375	218,411	96,895	24,329	7,548,783	1,724,160
1,000 acres and over.....	5,669,794.4	4,095,426	153,446	74,499	32,233,943	8,752,594

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.....	19.3	41.1	0.5	0.8	3.2	10.9	5.0	9.0
20 to 49 acres.....	7.9	17.8	0.8	1.3	3.9	13.1	5.5	8.1
50 to 99 acres.....	5.1	7.8	1.2	1.3	4.3	9.3	5.0	5.5
100 to 174 acres.....	43.1	21.9	21.5	8.1	37.2	22.0	25.0	16.3
175 to 499 acres.....	20.7	6.2	20.6	4.5	34.4	14.5	23.3	11.0
500 to 999 acres.....	2.3	2.5	5.2	4.3	6.6	7.4	6.8	8.3
1,000 acres and over.....	1.6	2.6	50.3	79.8	10.5	22.8	28.8	41.9

Of the total farm acreage of the state in 1910, 50.3 per cent was in farms of 1,000 acres and over, which was from the standpoint of aggregate acreage by far the most important size group, although it comprised only 1.6 per cent of the total number of farms. Between 1900 and 1910 the proportion of the total acreage in the farms of this group decreased decidedly; of the proportions in the other size groups, those for the farms of under 100 acres show decreases and those for the farms of 100 acres and more show increases.

As shown by the next table, the percentage of farm land improved diminishes as the average size of the farms increases. For this reason, and also because buildings have normally a higher value in proportion to farm acreage on small than on large farms, the average value of land and buildings per acre of land also 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
Total.....	13.0	6.4	\$3,135	\$1,697	\$9.92	\$4.07
Under 20 acres.....	84.6	84.9	811	371	101.01	41.79
20 to 49 acres.....	65.8	65.1	2,181	770	69.72	25.07
50 to 99 acres.....	47.3	46.3	3,451	1,196	47.58	17.41
100 to 174 acres.....	22.5	17.4	1,822	1,202	11.58	8.23
175 to 499 acres.....	21.7	20.6	3,527	2,983	11.22	9.98
500 to 999 acres.....	16.6	11.1	9,039	5,598	12.92	7.89
1,000 acres and over.....	2.7	1.8	50,353	26,931	5.60	2.14

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

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Own-ers.	Ten-ants.	Mana-gers.	Per cent of total.		
	Num-ber.	Per cent distri-bution.				Own-ers.	Ten-ants.	Mana-gers.
Total.....	35,676	100.0	33,398	1,957	321	93.6	5.5	0.9
Native white.....	32,088	89.9	30,046	1,742	300	93.6	5.4	0.9
Foreign-born white.....	1,440	4.0	1,231	192	17	85.5	13.3	1.2
Negro and other nonwhite.....	2,148	6.0	2,121	23	4	98.7	1.1	0.2

Of the farmers in New Mexico, 33,528, or 94 per cent, were whites, and 2,148, or 6 per cent, nonwhites. All but 1,440 of the white farmers were native born. Of the nonwhite farmers, nearly all, 2,087, were Indians, only 48 being negroes, 10 Japanese, and 3 Chinese. Of the native white farmers, 5.4 per cent were tenants, as compared with 13.3 per cent of the foreign-born whites.

Of the 1,440 foreign-born white farmers in New Mexico in 1910, 274 were born in Germany, 169 in England, 123 in Canada, 61 in Ireland, 61 in Italy, 56 in France, and 55 in Sweden. Other European countries were represented by a total of 242 farmers, and non-European countries, other than Canada, by 399.

DOMESTIC ANIMALS, POULTRY, AND BEES.

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

Of the total number of farms enumerated, 31,104, or 87.2 per cent, report domestic animals of some kind, the number without any domestic animals being 4,572.

Cattle are reported by 56.4 per cent of all farms, "dairy cows" by 44.5 per cent, and "other cows" by 23.4 per cent. The number of "other cows" is, however, more than eleven times as great as that of "dairy cows." The average number of "dairy cows" per farm

reporting is about 3, while the average number of "other cows" per farm reporting that class is over 69.

All classes of cattle except calves increased materially 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 decreasing from 188,762 to 49,381, and the average value from \$10.54 to \$7.84.

Horses are reported by 78 per cent of all the farms in the state, while 16.2 per cent report colts born in 1909 and 6 per cent report spring colts. The average value of mature horses is considerably over twice that reported in 1900. Mules are reported by only 16.7 per cent of the farms. Although there are nearly three times as many mules as were reported in 1900, the number of this class of animals is only 8.3 per cent of the total number of horses. The average values of mules are over double those of horses of the corresponding age groups.

Sheep and lambs are reported from only 3,378 farms, or 9.5 per cent of all farms in the state. Of these 3,378 farms, 61.4 per cent report spring lambs, the number of the latter being equal to 19.2 per cent of the number of ewes. This very small proportion is due no doubt to the early date of enumeration. Ewes are reported from all but 125 of the farms reporting sheep, and for the farms reporting the average number is 725 ewes. The average flock, excluding spring lambs, is 857 sheep, while in 1900 it was 1,331.

Of all farms, 29.1 per cent report swine, the average number being about 4 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$7.61, and that of spring pigs \$2.50.

The following table summarizes the statistics of domestic animals on farms for New Mexico, 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.....	31,104	87.2	.....	\$43,191,913	.....
Cattle.....	20,105	56.4	1,081,663	20,409,965	\$18.87
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	15,869	44.5	51,451	1,706,201	33.16
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	8,363	23.4	579,601	10,924,807	18.85
Heifers born in 1909.....	9,610	26.9	121,018	1,682,450	13.90
Calves born after Jan. 1, 1910.....	7,642	21.4	49,881	387,193	7.84
Steers and bulls born in 1909.....	5,050	14.2	104,722	1,812,816	17.31
Steers and bulls born before Jan. 1, 1909.....	2,209	6.2	86,665	2,256,588	26.04
Unclassified cattle.....	582	1.6	88,825	1,640,350	18.47
Horses.....	27,812	78.0	179,525	7,868,314	43.83
Mares, stallions, and geldings born before Jan. 1, 1909.....	27,448	76.9	145,151	7,128,138	49.11
Colts born in 1909.....	5,776	16.2	17,500	369,739	21.13
Colts born after Jan. 1, 1910.....	2,152	6.0	4,468	63,713	14.28
Unclassified horses.....	303	0.8	12,406	306,724	24.72
Mules.....	5,950	16.7	14,937	1,463,012	97.95
Mules born before Jan. 1, 1909.....	5,528	15.5	13,175	1,376,570	104.48
Mule colts born in 1909.....	639	1.8	1,468	77,447	53.12
Mule colts born after Jan. 1, 1910.....	206	0.6	304	8,995	29.59
Asses and burros.....	3,645	10.2	11,852	163,032	13.76
Swine.....	10,389	29.1	45,409	275,851	6.07
Hogs and pigs born before Jan. 1, 1910.....	9,441	26.5	31,784	241,813	7.61
Pigs born after Jan. 1, 1910.....	2,762	7.7	13,625	34,038	2.50
Sheep.....	3,378	9.5	3,346,984	12,072,037	3.61
Ewes born before Jan. 1, 1910.....	3,253	9.1	2,359,505	9,149,625	3.88
Rams and wethers born before Jan. 1, 1910.....	2,727	7.6	535,419	2,107,914	3.94
Lambs born after Jan. 1, 1910.....	2,075	5.8	452,000	814,498	1.80
Goats.....	3,440	9.6	412,050	939,702	2.28

Poultry on farms: 1910 and 1900.—The increase in the number of fowls on New Mexico farms during

the last decade amounts to 368,610, or 226.1 per cent, while their value increased \$194,000, or 310.9 per cent. The number of farms reporting poultry shows an increase of 13,984, or 251.7 per cent. Chickens are by far the leading class, representing 95.9 per cent of the number and 92.9 per cent of the total value of all fowls. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only and not for each kind, as in 1910.

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

KIND.	1910 (April 15)		Number of fowls.	Value.	1900 (June 1)
	Farms reporting.				
	Number.	Per cent of all farms.			
Total.....	19,540	54.8	531,625	\$256,466	163,015
Chickens.....	19,405	54.6	509,890	233,179	156,853
Turkeys.....	1,597	4.5	7,308	12,631	3,806
Ducks.....	557	1.6	2,693	1,878	1,527
Geese.....	151	0.4	779	1,013	530
Guinea fowls.....	430	1.3	1,953	894	(1)
Pigeons.....	512	1.4	8,954	1,662	(2)
Peafowls.....	13	(3)	46	170	(2)
Pheasants.....	1	(3)	2	30	(2)

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

Bees on farms: 1910 and 1900.—The number of farms reporting bees has increased from 410 in 1900 to 418 in 1910, or 2 per cent. The number of colonies of bees increased from 6,164 to 10,052, or 63.1 per cent, and their value increased from \$20,802 to \$46,300, or 122.6 per cent. The average value per colony was \$4.61 in 1910, as against \$3.37 in 1900. The average value of bees per farm reporting was \$50.74 in 1900 and \$110.77 in 1910. About one farm in every hundred 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.....	8,299	.....	\$1,773,512	.....
All cattle.....	3,089	13,649	343,242	\$25.15
Dairy cows.....	2,548	4,377	189,609	43.32
Horses.....	6,756	17,350	1,083,447	62.45
Mules.....	894	1,529	176,470	115.42
Asses and burros.....	630	1,662	18,454	11.10
Swine.....	852	2,312	15,786	6.83
Sheep.....	137	23,938	74,487	3.11
Goats.....	430	24,410	61,626	2.52

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

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

The total value of all domestic animals in the state in 1910 was \$44,965,000, of which the value of animals not on farms constituted 3.9 per cent.

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total		\$44,965,425		\$43,181,913		\$1,773,512
All cattle.....	1,095,312	20,753,207	1,081,663	20,409,965	13,649	343,242
Dairy cows.....	55,828	1,895,810	51,451	1,706,201	4,377	189,609
Horses.....	196,875	8,951,761	179,525	7,868,314	17,350	1,083,447
Mules.....	16,466	1,639,482	14,937	1,463,012	1,529	176,470
Asses and burros.....	13,514	181,486	11,852	163,032	1,662	18,454
Swine.....	47,721	291,637	45,409	275,851	2,312	15,786
Sheep.....	3,370,922	12,146,524	3,346,984	12,072,037	23,938	74,487
Goats.....	436,460	1,001,328	412,050	939,702	24,410	61,626

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.....	15,869	44.5	51,451	Head	.....	.....
On farms reporting dairy products in 1909.....	10,206	28.6	33,935	Head	.....	.....
On farms reporting milk produced in 1909.....	9,915	27.8	32,023	Head	.....	.....
Specified products, 1909:						
Milk reported.....			6,815,942	Gals.	.....	.....
Butter made.....	8,127	22.8	1,477,617	Lbs.	\$402,263	\$0.27
Cheese made.....	503	1.4	81,869	Lbs.	13,515	0.17
Milk sold.....	748	2.1	1,036,922	Gals.	295,634	0.29
Cream sold.....	45	0.1	9,079	Gals.	11,998	1.24
Butter fat sold.....	17	(¹)	11,248	Lbs.	3,282	0.29
Butter sold.....	2,902	8.1	410,634	Lbs.	119,468	0.29
Cheese sold.....	136	0.4	24,918	Lbs.	3,817	0.15
Total receipts from sales, 1909.....					434,199	.....
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					726,662	.....
Specified dairy products, 1899:						
Butter made.....	1,249	10.1	313,003	Lbs.	.....	.....
Cheese made.....	325	2.6	68,571	Lbs.	.....	.....
Butter sold.....			116,816	Lbs.	29,030	0.25
Cheese sold.....			38,164	Lbs.	5,100	0.13

¹ Less than one-tenth of 1 per cent.

The number of farms reporting dairy cows on April 15, 1910, was 15,869, but only 10,206 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 9,915 (slightly less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 32,023. The amount of milk reported was 6,816,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 213 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 \$727,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About one-sixth of the milk reported as produced by New Mexico farmers in 1909 was sold as such. The butter made on farms in 1909 was valued at \$402,000.

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 great increase between 1899 and 1909 in the amount of butter made, and also an increase in the production of cheese, which, however, is still unimportant.

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

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	3,313	2,894,984			
Wool produced, as reported, 1909.....	1,069		2,300,783	12,000,251	\$2,370,567
On farms reporting sheep April 15, 1910.....	1,862	2,153,523	2,300,663	12,641,523	2,320,813
On other farms.....	107		60,120	258,728	46,754
Total production of wool (partly estimated):					
1909.....			3,092,784	16,994,017	3,131,971
1899.....			3,659,417	15,209,199	1,054,171
Increase, 1899 to 1909.....			-566,633	1,784,818	1,177,800
Per cent of increase ¹			-15.5	11.7	60.3

¹ A minus sign (—) denotes decrease.

The total number of sheep of shearing age in New Mexico on April 15, 1910, was 2,895,000, representing a decrease of 13.2 per cent as compared with the number on June 1, 1900 (3,334,000). The approximate production of wool during 1909 was 3,093,000 fleeces, weighing 16,994,000 pounds and valued at \$3,132,000. Of these totals, about one-fourth represents estimates. The number of fleeces produced in 1909 was 15.5 per cent less than in 1899. The average weight per fleece in 1909 was 5.5 pounds, as compared with 4.2 pounds in 1899, and the average value per pound was 18 cents, as compared with 13 cents in 1899.

Goat hair and mohair: 1909 and 1899.—Although 3,440 farmers reported 412,050 goats and kids on their farms April 15, 1910, only 237 reported the production of goat hair or mohair during 1909. These farmers reported 155,980 fleeces, weighing 394,895 pounds and valued at \$96,158. The importance of the production increased decidedly between 1899 and 1909. Many farmers who have goats do not produce goat hair or mohair, but it is believed that the report is somewhat short of the actual production.

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

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 1,451 farmers who reported the possession of 741,461 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.

	Number of farms reporting.	Number of fowls on hand.	PRODUCT	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	19,540	531,625		
On farms reporting eggs produced in 1909.....	13,652	411,201		
On other farms.....	5,888	120,424		
Eggs produced, as reported, 1909.....	14,417		Dozens. 2,273,320	\$522,029
Total production of eggs (partly estimated):				
1909.....			2,976,233	\$683,441
1899.....			839,890	157,175
Increase, 1899 to 1909.....			2,136,343	526,266
Per cent of increase.....			254.4	334.8
Eggs sold, as reported, 1909.....	7,369		882,556	212,679
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	12,457	385,023		
On other farms.....	7,083	146,602		
Poultry raised, as reported, 1909.....	13,435		No. of fowls. 675,022	266,452
Total poultry raised (partly estimated):				
1909.....			932,045	\$67,907
1899.....			90,152	90,152
Increase, 1899 to 1909.....			277,755	277,755
Per cent of increase.....			308.1	308.1
Fowls sold, as reported, 1909.....	5,033		194,917	80,848

The total number of fowls on New Mexico farms on April 15, 1910, was 532,000. Of the 19,540 farms reporting fowls, 5,888 did not report any eggs produced in 1909, and 7,083 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 2,273,000 dozens, valued at \$522,000. According to the Twelfth Census reports the production of eggs in 1899 was 840,000 dozens, the value being \$157,000. 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 2,976,000 dozens, valued at \$683,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 932,000 fowls, valued at \$368,000.

Honey and wax: 1909.—Although, as noted elsewhere, 418 farms reported 10,052 colonies of bees on hand April 15, 1910, 137 of these farms, with 1,221 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 439,528 pounds of honey, valued at \$38,113, and 5,345 pounds of wax, valued at \$1,526; 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 \$10,099,000 and that of animals slaughtered on farms \$842,000, making an aggregate of \$10,942,000. 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 nearly three-fifths of the total value of animals sold, and the value of sheep sold represented nearly one-third of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$3,741,000 and \$605,000. 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 statement in the next column presents statistics relating to the sale or slaughter of domestic animals by New Mexico 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.....				\$10,099,489	
Slaughtered.....				842,396	
Calves:					
Sold.....	2,619	7.3	16,169	149,810	\$9.27
Slaughtered.....	1,222	3.4	3,658	33,198	9.08
Other cattle:					
Sold.....	5,541	15.5	300,347	5,763,099	18.81
Slaughtered.....	3,937	11.0	16,316	320,300	19.63
Horses:					
Sold.....	2,217	6.2	11,208	533,304	47.58
Mules:					
Sold.....	765	2.1	2,038	216,010	106.00
Asses and burros:					
Sold.....	109	0.5	379	9,130	24.11
Swine:					
Sold.....	2,047	5.7	20,280	132,057	6.51
Slaughtered.....	6,677	18.7	21,929	267,252	12.19
Sheep:					
Sold.....	1,169	3.3	1,009,504	3,188,844	3.16
Slaughtered.....	2,275	6.4	58,839	168,552	2.88
Goats:					
Sold.....	503	1.4	48,398	106,611	2.20
Slaughtered.....	2,341	6.6	26,037	53,094	2.04
1899—All domestic animals:					
Sold ¹				3,740,678	
Slaughtered.....				605,296	

¹ Schedules 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. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$8,922,397	\$3,064,567	\$5,857,830	191.2	100.0	100.0
Crops with acreage reports.....	632,769	196,023	436,746	222.8	43.1	60.0	8,076,854	2,798,108	5,278,746	188.7	90.5	91.3	
Cereals.....	218,037	96,402	121,635	126.2	14.9	29.5	2,382,906	979,093	1,403,893	143.2	26.7	32.0	
Other grains and seeds.....	23,769	5,571	18,189	326.5	1.6	1.7	272,189	93,381	178,808	191.5	3.1	3.0	
Hay and forage.....	308,409	87,358	221,051	321.7	25.1	26.7	4,469,709	1,427,817	3,042,892	213.2	50.1	46.6	
Broom corn.....	4,470	14	4,456	(²)	0.3	(²)	33,492	290	33,202	11,449.0	0.4	(²)	
Cotton (including cotton seed).....	790		790		0.1		15,996		15,996		0.2		
Sugar crops.....	2,537	1,384	1,153	83.3	0.2	0.4	31,836	19,517	12,319	63.1	0.4	0.6	
Sundry minor crops.....	8	6	2	(²)	(²)	(²)	501	173	328	189.6	(²)	(²)	
Potatoes and sweet potatoes and yams.....	6,441	1,169	5,272	451.0	0.4	0.4	253,343	54,140	199,203	307.9	2.8	1.8	
Other vegetables.....	8,219	4,634	4,185	103.7	0.6	1.2	567,154	207,424	359,730	173.4	6.4	6.8	
Flowers and plants and nursery products.....	32	37	-5	(²)	(²)	(²)	40,303	10,195	30,108	295.3	0.5	0.3	
Small fruits.....	66	48	18	(²)	(²)	(²)	9,335	6,768	8,507	61.8	0.1	0.2	
Crops with no acreage reports.....							845,543	266,459	579,084	217.3	8.5	8.7	
Seeds.....							47,086	320	46,766	14,614.4	0.5	(²)	
Fruits and nuts.....							536,165	423,211	304,954	131.9	6.0	7.5	
Forest products of farms.....							253,822	34,268	219,554	640.7	2.8	1.1	
Miscellaneous.....							8,470	600	7,870	1,183.3	0.1	(²)	

¹ A minus sign (-) denotes decrease.

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

³ Less than one-tenth of 1 per cent.

⁴ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$8,922,000. Of this amount, 90.5 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 632,769, representing 43.1 per cent of the total improved land in farms (1,467,191 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 New Mexico agriculture is indicated by the fact that about one-fourth (26.7 per cent) of the total value of the crops in 1909 was contributed by the cereals and about one-half (50.1 per cent) by hay and forage. The remainder, representing 23.2 per cent of the total, consisted mostly of potatoes and other vegetables and fruits and nuts.

The total value of crops in 1909 was 191.2 per cent greater than in 1899. There was an increase of 222.8 per cent in the total acreage of crops for which acreage was reported, increases being shown in the acreage of every important crop; the greatest absolute increase was 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, cotton, broom corn, and sundry minor crops:

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total		218,037	2,975,383	Bu...	\$2,382,996
Corn.....	10,381	85,999	1,164,970	Bu...	984,052
Oats.....	3,084	33,707	720,560	Bu...	459,306
Wheat, total.....	6,160	32,341	499,799	Bu...	508,726
Common winter.....	2,617	13,451	211,215	Bu...	286,601
Common spring.....	3,548	18,761	286,465	Bu...	219,945
Durum or macaroni.....	18	129	2,119	Bu...	2,180
Emmer and spelt.....	6	23	154	Bu...	144
Barley.....	338	2,131	43,490	Bu...	35,626
Buckwheat.....	3	7	102	Bu...	69
Rye.....	28	257	2,913	Bu...	2,650
Kafir corn and milo maize.....	2,741	63,570	543,350	Bu...	392,393
Rough rice.....	1	2	45	Bu...	30
Other grains and seeds with acreage report, total ¹		23,760	119,637	Bu...	272,189
Dry edible beans.....	4,593	20,766	85,795	Bu...	282,023
Dry peas.....	1,453	2,485	30,829	Bu...	35,077
Peanuts.....	158	126	1,375	Bu...	2,177
Broom corn seed.....	16	184	583	Bu...	1,627
Sorghum cane seed.....	10	193	1,021	Bu...	1,248
Seeds with no acreage report, total ²					47,086
Alfalfa seed.....	101	(4)	4,958	Bu...	41,523
Millet seed.....	48	(3)	4,071	Bu...	5,233
Flower and garden seeds.....	3	(1)			151
Hay and forage, total	17,394	368,409	431,053	Tons.	4,469,799
Timothy alone.....	232	2,370	3,233	Tons.	37,003
Timothy and clover mixed.....	198	1,881	2,650	Tons.	28,035
Clover alone.....	16	197	410	Tons.	3,501
Alfalfa.....	7,167	102,650	265,622	Tons.	2,846,388
Millet or Hungarian grass.....	1,943	10,298	10,637	Tons.	130,184
Other tame or cultivated grasses.....	598	9,849	9,718	Tons.	105,097
Wild, salt, or prairie grasses.....	1,002	28,023	22,050	Tons.	239,396
Grains cut green.....	1,550	13,139	17,363	Tons.	194,689
Coarse forage.....	8,302	191,024	99,320	Tons.	885,001
Root forage.....	6	8	50	Tons.	325
Potatoes	3,310	6,230	295,255	Bu...	234,636
Sweet potatoes and yams.....	200	211	13,831	Bu...	18,707
Cotton.....	59	790	206	Bales.	14,508
Cotton seed (estimated).....			103	Tons.	1,488
Broom corn.....	398	4,470	644,892	Lbs.	33,492
Sundry minor crops, total ³		8			501

¹ Includes small amount of flaxseed.
² A considerable part of this acreage is probably a duplication of other crop acreage.
³ Includes small amounts of other varieties of grass seed.
⁴ 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.
⁵ Includes small amounts of tobacco and hemp.

The leading crops of New Mexico in the order of their importance, as judged by total value, are hay and forage, \$4,470,000; corn, \$984,000; wheat, \$509,000;

oats, \$459,000; kafir corn and milo maize, \$392,000; and potatoes, \$235,000. It should be noted, however, that some of the crops, the data for which are reported elsewhere, are more important than wheat, oats, kafir corn and milo maize, or potatoes.

By far the most important crop of the state is hay and forage, it having more than four times the acreage and value of corn, the next crop in order. Of the several kinds of hay and forage, coarse forage, with over half the total acreage, ranks first in this respect, but in value represents less than one-fifth that of all hay and forage. Alfalfa, with a little over one-fourth of the total acreage, contributes over three-fifths of the total quantity and value.

Of the cereals, corn represents about two-fifths of the acreage, quantity, and value. Kafir corn and milo maize, with an acreage of about three-fourths that of corn, shows a value not quite two-fifths as great. Oats and wheat, with acreages and values not far apart, are next in order of acreage and are the only other cereals of importance. Potatoes, with an acreage less than one-fifth as great as wheat, show a value nearly 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.	Barley.	Hay and forage.	Potatoes.
1909.....	85,999	33,707	32,341	2,131	368,409	6,230
1899.....	41,845	15,848	37,907	1,110	87,358	1,122
1889.....	28,539	9,314	21,853	1,484	26,375	619
1879.....	41,449	9,237	51,230	2,548	12,351	(1)

¹ Not reported.

The acreage of corn, after decreasing between the years 1879 and 1889 and almost recovering the loss during the decade between 1889 and 1899, has since the latter date more than doubled. The acreage of oats made little gain during the first decade covered by the table, but since that time has increased to over three and one-half times the former amount. The acreage of wheat has alternately decreased and increased, but is less by over one-third the extent of 1879. The acreage of hay and forage has increased throughout the period covered, but the main increase is that of over threefold during the last decade. The acreage of potatoes since 1889 shows an important increase, much the greater part of which was made between 1899 and 1909.

Out of every 100 farms in New Mexico, 49 report hay and forage, 29 report corn, 17 report wheat, about 13 report dry edible beans, 9 report potatoes, nearly 9 report oats, and nearly 8 kafir corn and milo maize. These proportions are larger than 10 years before in the case of kafir corn and milo maize, hay and forage, and potatoes, and smaller in the case of corn, wheat, oats, barley, and beans.

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.		Percent of increase in acres, 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
Corn.....	29.1	49.2	5.9	12.6	108.0	13.5 Bu.	\$11.44
Oats.....	5.6	12.7	2.3	4.8	112.7	21.4 Bu.	13.63
Wheat.....	17.3	45.3	2.2	11.6	-14.7	16.5 Bu.	15.73
Barley.....	0.9	1.9	0.1	0.3	92.0	20.4 Bu.	16.72
Kafir corn and milo maize.....	7.7	0.1	4.3	(²)	.....	8.5 Bu.	6.17
Dry edible beans.....	12.9	14.0	1.4	1.0	520.1	4.1 Bu.	11.17
Hay and forage.....	48.8	44.3	25.1	26.7	321.7	1.17 Tons.	12.13
Potatoes.....	9.3	5.5	0.4	0.3	455.3	47.4 Bu.	37.66

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

Hay and forage occupied over one-fourth of the improved land of New Mexico in both 1899 and 1909, showing, however, a slight decrease during this decade in this respect. Corn shows a proportion less than half as great as in 1899, and wheat less than one-fifth as great. Decreases in percentage of improved land occupied are shown also for oats and barley. Kafir corn and milo maize show an important increase, and beans and potatoes slight increases, between 1899 and 1909.

Although the per cent of farms reporting is less and the proportion of improved land utilized is lower for both corn and oats, each more than doubled in acreage between 1899 and 1909. Barley nearly doubled in acreage, increasing 92 per cent; potatoes and beans increased in acreage about fivefold, while hay and forage, with an acreage larger than that of all the other crops here listed combined, increased 321.7 per cent. Wheat alone of the principal crops shows a decrease in acreage, falling off 14.7 per cent.

The average value per acre of the combined cereals is \$10.93, kafir corn and milo maize only falling below this average. The average value per acre of hay and forage is \$1.20 greater than that of the combined cereals, and that of potatoes is over three and one-third times as great.

Over three-fifths of the acreage of hay and forage is reported from the six counties bordering on the east line of the state. But four other counties—Colfax, Dona Ana, Mora, and Guadalupe—show over 10,000 acres each of hay and forage. Over half the acreage of oats is reported from Colfax and Mora Counties, and nearly half the acreage of kafir corn and milo maize from Roosevelt County. The other cereals are more evenly distributed over the state. Potatoes are reported from every county of the state, though nearly one-third of the acreage is in Torrance County.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—In 1909 the total acreage of potatoes and other vegetables was 14,660 and their value \$820,497. Excluding (so far as separately reported¹) potatoes and sweet potatoes and yams,

the acreage of vegetables was 8,219 and their value \$567,000, both acreage and value being more than twice as great as 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 118 farms in the first class, representing about one-ninth 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 8.3 and the average value of product per acre \$146.81.

The raising of flowers and plants and of nursery products is not altogether negligible in New Mexico, for while only 32 acres were devoted to them in 1909, the output was valued at \$40,303.

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.....	17,740	21.7	8,219	4,034	\$567,154	\$207,424
Farms reporting a product of \$500 or over.....	118	0.3	984	.....	144,465	.....
All other farms.....	7,022	21.4	7,235	.....	422,689	.....
Flowers and plants, total.....	14	(²)	8	5	31,121	4,442
Farms reporting a product of \$250 or over.....	8	(²)	.....	.....	30,720	.....
All other farms.....	6	(²)	.....	.....	401	.....
Nursery products, total.....	17	(²)	24	32	9,182	5,753
Farms reporting a product of \$250 or over.....	3	(²)	.....	.....	8,340	.....
All other farms.....	14	(²)	.....	.....	842	.....

¹ Does not include 5,819 farms which reported that they had vegetable gardens, but gave no information as to their products.

² Less than one-tenth of 1 per cent.

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

CROP.	Number of farms reporting, 1909	ACRES.		Quantity (quarts), 1909	Value, 1909
		1909	1899		
Small fruits, total.....	.....	66	48	76,532	\$9,335
Strawberries.....	54	20	9	35,634	4,086
Blackberries and dewberries.....	54	10	3	10,089	1,698
Raspberries and loganberries.....	50	12	9	10,222	1,581
Currants.....	74	7	10	5,523	591
Gooseberries.....	125	17	12	14,800	1,348
Cranberries.....	1	(¹)	.....	98	10
Other berries.....	4	(²)	5	163	21

¹ Less than 1 acre.

² Reported in small fractions.

The total production of small fruits in New Mexico in 1909 was 76,532 quarts and in 1899, 59,690, and the

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

value was \$9,335 in 1909, as compared with \$5,768 in 1899. The most important of the small fruits in 1909 were strawberries.

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

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. ¹	Value.	Quantity. ¹
Orchard fruits, total.		803, 068		1, 282, 211	504, 059	\$519, 877	267, 835
Apples	5, 242	542, 528	5, 489	514, 251	417, 143	420, 539	142, 332
Peaches and nectarines	2, 932	136, 191	4, 094	184, 460	32, 533	37, 195	76, 204
Pears	2, 093	37, 220	2, 718	100, 201	29, 435	29, 638	14, 777
Plums and prunes	2, 476	51, 257	2, 877	42, 351	15, 528	17, 054	18, 492
Cherries	1, 916	21, 925	2, 234	26, 818	6, 384	10, 684	5, 228
Apricots	1, 368	8, 202	905	8, 373	2, 379	3, 440	0, 637
Quinces	422	5, 735	244	3, 183	637	1, 074	(²)
Mulberries	1	10	41	2, 565			(²)
Unclassified							³ 4, 165
Grapes	820	250, 076	1, 390	122, 367	425, 415	16, 101	1, 515, 900
Nuts		4 503		4 5, 199	4 1, 498	4 195	5, 380
Tropical fruits, total.		116		319		192	
Figs	30	103	23	317	2, 820	167	30
Oranges	2	13	1	2	12	25	

¹ Expressed in bushels for orchard fruits, pounds for grapes, nuts, and figs, and boxes for oranges.

² Included with "unclassified."

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

⁴ Includes Persian or English walnuts, almonds, pecans, black walnuts, butternuts, filberts, Japanese walnuts, chestnuts, hazelnuts, and hickory nuts.

The total quantity of orchard fruits produced in 1909 was 504,000 bushels, valued at \$520,000. Apples contributed about four-fifths of this quantity. The production of grapes in 1909 was 425,000 pounds, valued at \$16,101, while that of nuts and of tropical fruits was unimportant.

The production of all orchard fruits together in 1909 was 88.2 per cent more in quantity than that in 1899, while the production of grapes decreased decidedly. The value of orchard fruits increased from \$197,000 in 1899 to \$520,000 in 1909, while that of grapes declined from \$33,717 in 1899 to \$16,101 in 1909. It should be noted in this connection that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

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

PRODUCT.	FARMS REPORTING, 1909		QUANTITY PRODUCED.		
	Number.	Percent of all farms.	Unit.	1909	1899
Cider	100	0.3	Gals.	12, 788	20, 633
Vinegar	55	0.2	Gals.	5, 880	17, 514
Wine and grape juice	9	(¹)	Gals.	1, 684	34, 208
Dried fruits	74	0.2	Lbs.	16, 506	10, 550

¹ Less than one-tenth of 1 per cent.

Sugar crops: 1909 and 1899.—The table below shows data with regard to sugar beets and sorghum cane, and also for sugar cane. The total value of sorghum cane and sirup produced in 1909 was \$26,877, as compared with \$1,963 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Percent of all farms.		Amount.	Unit.	Value.
Sugar beets:						
1909	29	0.1	55	239	Tons	\$1, 492
1899	33	0.3	1, 298	3, 965	Tons	16, 849
Sorghum cane:						
Total, 1909 ¹						26, 877
Cane grown	422	1.2	2, 371	2, 819	Tons	
Sirup made	98	0.3		5, 289	Gals.	3, 332
Total, 1899						1, 963
Cane grown	70	0.6	81	314	Tons	
Cane sold as such				113	Tons	364
Sirup made				2, 812	Gals.	1, 599
Sugar cane:						
Total, 1909						3, 467
Cane grown	73	0.2	111	267	Tons	
Sirup made	72	0.2		5, 088	Gals.	3, 467
Total, 1899						705
Cane grown	3	(²)	5	211	Tons	
Cane sold as such	3	(²)		191	Tons	705

¹ Includes beets used as root forage.

² Includes cane used as coarse forage.

³ 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 1,735 farms in New Mexico (4.9 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$253,822, as compared with \$34,268 in 1899, an increase of 640.7 per cent. Of the value in 1909, \$161,025 was reported as that of products used or to be used on the farms themselves, \$75,838 as that of products sold or for sale, and \$16,959 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 83 farmers in New Mexico sold, during 1909, 736 tons of straw, for which they received \$5,554, and that 60 farmers sold 376 tons of cornstalks and leaves, for which they received \$2,916.

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.....	13,124	36.8	\$3,645,423	\$1,951,110	\$1,694,313	86.8
Feed.....	13,470	37.8	1,527,037	(¹)	.....	.....
Fertilizer.....	827	2.3	25,371	2,880	22,491	780.9

¹ Not reported at the census of 1900.

Of the farmers in New Mexico, over one-third (36.8 per cent) hire labor, and the total expenditure was \$3,645,000, or an average of about \$278 per farmer hiring. Of the total amount expended, \$660,000, or 18.1 per cent, is in the form of rent and board. During the decade 1899 to 1909 the total expenditure for labor increased by \$1,694,000, or 86.8 per cent. For no census prior to 1910 were reports secured of the value of rent and board furnished or tabulation made of the number of farmers reporting expenditure for labor.

Nearly two-fifths (37.8 per cent) of all the farmers report some expenditure for feed, while 2.3 per cent

report the purchase of fertilizer. The total amount, \$25,371, reported as paid for fertilizer shows an increase of \$22,491, or 780.9 per cent, since 1899. The expenditure for fertilizer in 1909 averages \$30.68 per farm reporting; that for feed, \$113. No tabulation was made of the number of farmers reporting expenditure for fertilizer at prior censuses.

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total.....	.....	.....	.....	.....	\$1,445,063
Corn.....	1,390	3.9	193,632	Bu.....	104,599
Oats.....	828	2.3	197,245	Bu.....	120,199
Barley.....	54	0.2	12,933	Bu.....	11,283
Hay and coarse forage.....	3,061	8.6	104,988	Tons...	1,148,982

While the total amount expended by New Mexico farmers for the purchase of feed in 1909 was \$1,527,000, the total receipts from the sale of feed by those reporting sales amounted to \$1,445,000.

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 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 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 of 1900, the following changes in county boundaries should be considered: Curry County was organized from parts of Quay and Roosevelt Counties in 1909; Luna County was organized from parts of Dona Ana and Grant Counties in 1901; McKinley County was organized from parts of Bernalillo, Rio Arriba, San Juan, and Valencia Counties in 1901; Quay County was organized from part of the old county of Guadalupe and Union Counties in 1903; Roosevelt County was organized from parts of Chaves and old Guadalupe Counties in 1903; Sandoval County was organized from part of Bernalillo County in 1903; Torrance County was organized from parts of Bernalillo, Lincoln, San Miguel, Santa Fe, Socorro, and Valencia Counties in 1905; that part of the old county of Guadalupe remaining after part was taken to form Quay and Roosevelt Counties in 1903, together with parts of Bernalillo and Valencia, was taken to form Leonard Wood County in 1903, its name being changed from Leonard Wood to Guadalupe in 1905; and a part of Santa Fe County was annexed to Rio Arriba County in 1902.

AGRICULTURE—NEW MEXICO.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Bernalillo. ¹	Chaves. ²	Colfax.	Curry.	Dona Ana. ²	Eddy.
1 Population.....	327,301	23,606	16,850	16,460	11,443	12,893	12,400
2 <i>Population in 1900.....</i>	<i>183,310</i>	<i>23,680</i>	<i>4,773</i>	<i>10,160</i>	(²)	<i>10,187</i>	<i>3,229</i>
3 Number of all farms.....	35,676	925	2,487	693	2,134	851	1,411
4 <i>Number of all farms in 1900.....</i>	<i>12,311</i>	<i>840</i>	<i>345</i>	<i>410</i>	(²)	<i>671</i>	<i>198</i>
5 Color and nativity of farmers:							
6 Native white.....	32,088	679	2,397	598	2,081	595	1,305
7 Foreign-born white.....	1,440	40	79	84	53	253	106
8 Negro and other nonwhite.....	2,148	206	11	11		3	
9 Number of farms, classified by size:							
10 Under 3 acres.....	988	14	38	3	1	28	67
11 3 to 9 acres.....	3,212	285	46	1	1	129	39
12 10 to 19 acres.....	2,685	187	67	7		173	28
13 20 to 49 acres.....	2,812	174	154	37	3	227	93
14 50 to 99 acres.....	1,820	60	120	53	23	118	120
15 100 to 174 acres.....	15,363	167	839	251	1,475	113	455
16 175 to 259 acres.....	1,353	21	94	43	105	24	73
17 260 to 499 acres.....	6,035	6	1,047	117	408	22	439
18 500 to 999 acres.....	836	7	53	69	48	14	71
19 1,000 acres and over.....	572	4	29	112	10	3	26
LAND AND FARM AREA							
20 Approximate land area.....acres.	78,401,920	776,960	6,021,120	2,430,720	899,840	2,445,440	4,430,720
21 Land in farms.....acres.	11,270,021	112,774	1,049,606	1,375,846	502,111	84,535	352,758
22 <i>Land in farms in 1900.....</i>	<i>6,180,878</i>	<i>103,664</i>	<i>185,086</i>	<i>1,208,349</i>	(²)	<i>44,780</i>	<i>289,539</i>
23 Improved land in farms.....acres.	1,467,191	257,470	138,703	56,368	175,891	33,195	92,094
24 <i>Improved land in farms in 1900.....</i>	<i>629,873</i>	<i>18,737</i>	<i>19,068</i>	<i>37,893</i>	(²)	<i>81,370</i>	<i>8,676</i>
25 Woodland in farms.....acres.	1,491,025	30,188	1,190	590,798	15,958	36,303	995
26 Other unimproved land in farms.....acres.	8,311,805	59,760	909,713	728,680	310,262	14,977	259,669
27 Per cent of land area in farms.....	14.4	14.5	17.4	56.0	55.8	3.5	8.0
28 Per cent of farm land improved.....	13.0	20.3	18.2	4.1	35.0	39.3	26.1
29 Average acres per farm.....	315.9	121.9	422.0	1,985.3	235.3	99.3	250.0
30 Average improved acres per farm.....	41.1	24.7	55.8	81.3	82.4	39.0	65.3
VALUE OF FARM PROPERTY							
31 All farm property.....dollars.	159,447,990	3,247,937	20,526,088	13,455,410	6,129,581	4,840,479	13,592,391
32 <i>All farm property in 1900.....</i>	<i>53,767,824</i>	<i>2,649,196</i>	<i>5,571,991</i>	<i>4,163,711</i>	(²)	<i>1,692,781</i>	<i>3,184,407</i>
33 Per cent increase, 1900-1910.....	196.6			223.2			326.8
34 Land.....dollars.	98,806,497	1,849,832	14,576,425	9,904,208	4,454,712	3,504,915	8,597,408
35 <i>Land in 1900.....</i>	<i>17,323,709</i>	<i>551,630</i>	<i>1,700,357</i>	<i>2,191,821</i>	(²)	<i>774,106</i>	<i>710,260</i>
36 Buildings.....dollars.	13,024,562	417,953	1,307,933	852,445	732,135	512,619	840,562
37 <i>Buildings in 1900.....</i>	<i>3,665,105</i>	<i>257,310</i>	<i>220,310</i>	<i>229,349</i>	(²)	<i>211,607</i>	<i>77,990</i>
38 Implements and machinery.....dollars.	4,122,312	127,737	453,608	219,601	195,706	177,099	261,627
39 <i>Implements, etc., in 1900.....</i>	<i>1,151,610</i>	<i>84,280</i>	<i>66,310</i>	<i>62,370</i>	(²)	<i>54,530</i>	<i>25,830</i>
40 Domestic animals, poultry, and bees.....dollars.	43,494,679	852,415	4,188,117	2,479,756	747,028	651,246	3,892,794
41 <i>Domestic animals, etc., in 1900.....</i>	<i>31,787,400</i>	<i>1,976,316</i>	<i>3,584,614</i>	<i>1,680,171</i>	(²)	<i>622,639</i>	<i>2,370,277</i>
42 Per cent of value of all property in—							
43 Land.....	62.0	57.0	71.0	73.6	72.7	72.3	63.3
44 Buildings.....	8.2	12.9	6.4	6.3	11.9	10.6	6.2
45 Implements and machinery.....	2.6	3.9	2.2	1.6	3.2	3.7	1.9
46 Domestic animals, poultry, and bees.....	27.3	26.2	20.4	18.4	12.2	13.4	28.6
47 Average values:							
48 All property per farm.....dollars.	4,469	3,511	8,253	19,416	2,872	5,695	9,633
49 Land and buildings per farm.....dollars.	3,135	2,452	6,337	15,522	2,431	4,721	6,689
50 Land per acre.....dollars.	8.77	16.40	13.89	7.20	8.87	41.46	24.37
51 <i>Land per acre in 1900.....</i>	<i>5.33</i>	<i>9.00</i>	<i>12.53</i>	<i>1.33</i>	(²)	<i>17.31</i>	<i>2.45</i>
DOMESTIC ANIMALS (farms and ranges)							
52 Farms reporting domestic animals.....	31,104	900	2,142	653	1,685	804	1,297
53 Value of domestic animals.....dollars.	43,191,913	842,218	4,144,994	2,468,149	726,197	632,014	3,371,471
54 Cattle:							
55 Total number.....	* 1,081,663	* 4,877	* 108,793	* 63,177	* 7,460	* 16,024	* 129,978
56 Dairy cows.....	51,451	1,219	4,692	2,250	2,969	767	2,320
57 Other cows.....	579,601	2,016	49,850	32,129	1,192	8,327	55,784
58 Yearling heifers.....	121,018	498	13,638	7,470	1,863	2,009	10,321
59 Calves.....	49,351	402	4,498	3,188	1,008	606	5,511
60 Yearling steers and bulls.....	104,722	110	18,651	7,046	563	1,835	9,915
61 Other steers and bulls.....	86,665	81	7,860	6,448	853	340	14,210
62 Value.....dollars.	* 20,409,965	* 124,067	* 2,083,715	* 1,490,456	* 187,246	* 353,714	* 2,393,617
63 Horses:							
64 Total number.....	* 179,925	* 3,415	* 11,093	* 6,288	* 4,313	* 4,065	* 14,544
65 Mature horses.....	145,151	3,129	9,641	5,293	3,938	4,125	10,830
66 Yearling colts.....	17,540	142	1,240	781	276	619	1,309
67 Spring colts.....	4,468	94	1,372	74	99	221	273
68 Value.....dollars.	* 7,898,314	* 113,235	* 770,112	* 406,129	* 325,148	* 211,105	* 737,622
69 Mules:							
70 Total number.....	14,987	99	2,121	208	1,433	304	1,122
71 Mature mules.....	13,175	87	1,792	170	1,815	242	1,002
72 Yearling colts.....	1,458	11	259	34	100	55	104
73 Spring colts.....	304	1	70	4	18	7	16
74 Value.....dollars.	1,463,012	7,580	220,978	21,475	160,066	30,912	123,533
75 Asses and burros:							
76 Number.....	11,852	67	468	82	201	123	299
77 Value.....dollars.	108,032	425	20,310	2,359	8,401	2,052	18,855
78 Swine:							
79 Total number.....	45,409	1,075	3,281	3,097	2,577	1,847	2,825
80 Mature hogs.....	31,784	630	2,310	2,359	2,233	943	1,848
81 Spring pigs.....	13,625	439	965	738	344	904	977
82 Value.....dollars.	275,851	7,774	19,617	28,565	15,020	8,665	18,375
83 Sheep:							
84 Total number.....	3,346,984	157,667	228,146	132,691	9,364	875	129,023
85 Rams, ewes, and wethers.....	2,894,984	118,283	200,179	122,991	7,113	731	102,887
86 Spring lambs.....	452,000	39,284	27,967	9,700	2,251	144	26,741
87 Value.....dollars.	12,072,037	573,258	1,003,012	512,408	29,466	2,234	544,954
88 Goats:							
89 Number.....	412,050	8,366	10,395	2,982	135	8,640	12,025
90 Value.....dollars.	939,702	15,879	21,250	6,697	310	23,332	34,516
POULTRY AND BEES							
91 Number of poultry of all kinds.....	531,025	12,179	55,009	19,815	47,207	15,683	33,516
92 Value.....dollars.	256,466	6,794	25,638	11,372	20,831	8,675	18,017
93 Number of colonies of bees.....	10,052	689	2,954	38		2,865	637
94 Value.....dollars.	46,300	3,403	17,485	235		10,557	8,306

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.)

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BY COUNTIES: APRIL 15, 1910.

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

	Grant. ¹	Guadalupe. ²	Lincoln. ²	Luna.	McKinley. ¹	Mora.	Otero. ¹	Quay.	Rio Arriba. ^{1, 2}	Roosevelt.	San Juan. ^{1, 2}	San Miguel. ²
1	14,813	10,927	7,822	3,913	12,963	12,611	7,069	14,912	16,624	12,064	8,504	22,930
2	<i>12,388</i>	<i>6,429</i>	<i>4,953</i>	(²)	(²)	<i>10,304</i>	<i>4,791</i>	(²)	<i>15,777</i>	(²)	<i>4,828</i>	<i>22,063</i>
3	627	1,760	641	340	574	1,988	705	3,117	1,542	3,200	924	1,468
4	<i>472</i>	<i>277</i>	<i>346</i>	(²)	(²)	<i>953</i>	<i>180</i>	(²)	<i>860</i>	(²)	<i>422</i>	<i>1,297</i>
5	544	1,721	606	305	60	1,946	634	3,016	1,331	3,162	678	1,432
6	79	37	34	32	23	41	39	99	15	38	70	31
7	4	2	1	3	491	1	32	2	196	176	176	5
8	62	12	24	11	169	2	55	1	17	2	61	22
9	25	64	36	5	75	85	21	-----	520	9	60	240
10	24	54	39	5	71	189	24	-----	293	1	62	171
11	60	84	59	17	27	267	77	7	200	11	186	118
12	44	40	30	14	12	167	58	47	101	65	147	94
13	284	1,021	306	144	201	855	369	1,964	247	2,012	279	608
14	28	79	34	13	4	77	23	185	17	179	31	42
15	52	348	73	88	6	243	55	809	123	831	43	88
16	27	35	18	35	5	42	7	82	12	75	10	47
17	21	17	13	8	2	61	16	21	12	15	5	38
18	4,753,920	2,551,680	3,053,560	1,904,040	3,523,840	1,645,440	4,280,960	1,859,200	3,757,440	1,449,600	3,504,640	3,070,720
19	<i>170,449</i>	<i>507,650</i>	<i>157,715</i>	<i>96,402</i>	<i>56,685</i>	<i>601,515</i>	<i>147,734</i>	<i>730,937</i>	<i>223,870</i>	<i>740,825</i>	<i>100,289</i>	<i>1,044,726</i>
20	<i>95,645</i>	<i>64,134</i>	<i>55,792</i>	(²)	(²)	<i>262,219</i>	<i>27,289</i>	(²)	<i>74,223</i>	(²)	<i>1,004,467</i>	<i>1,004,467</i>
21	21,160	46,186	15,942	11,958	5,215	66,703	16,604	173,344	25,550	200,121	26,356	51,141
22	<i>14,903</i>	<i>5,711</i>	<i>7,100</i>	(²)	(²)	<i>35,163</i>	<i>5,639</i>	(²)	<i>18,158</i>	(²)	<i>18,157</i>	<i>23,581</i>
23	28,690	21,402	37,716	6,508	4,361	59,129	67,552	3,495	51,271	12,775	6,907	152,059
24	126,599	440,062	104,057	77,936	47,109	63,518	63,518	554,098	147,049	527,929	67,026	841,526
25	3.7	19.9	5.2	5.1	1.6	36.6	3.5	39.3	6.0	51.1	2.9	34.0
26	12.0	9.1	10.1	12.4	9.2	11.1	11.3	23.7	11.4	27.0	26.3	4.9
27	281.4	288.4	246.0	283.5	98.8	302.6	209.6	234.5	145.2	231.5	108.5	711.7
28	33.7	20.2	24.9	35.2	9.1	33.6	23.6	55.6	16.6	62.5	28.5	34.8
29	6,912,000	5,322,589	4,516,675	2,099,061	1,338,165	5,775,305	3,906,300	6,945,026	4,308,645	7,934,274	5,419,899	9,078,198
30	<i>5,061,166</i>	<i>2,245,043</i>	<i>1,599,378</i>	(²)	(²)	<i>2,580,867</i>	<i>548,374</i>	(²)	<i>2,669,381</i>	(²)	<i>1,222,161</i>	<i>4,300,631</i>
31						123.8	612.3					
32	2,499,156	3,685,286	1,589,400	1,059,090	318,786	3,750,572	2,362,724	4,876,834	1,946,330	5,776,949	3,900,120	6,625,805
33	<i>1,207,178</i>	<i>208,080</i>	<i>400,810</i>	(²)	(²)	<i>1,168,125</i>	<i>228,650</i>	(²)	<i>584,240</i>	(²)	<i>668,810</i>	<i>1,746,393</i>
34	380,335	385,443	264,225	167,290	49,690	628,254	286,548	644,925	383,873	902,414	492,330	623,050
35	<i>207,610</i>	<i>94,400</i>	<i>60,440</i>	(²)	(²)	<i>253,555</i>	<i>67,220</i>	(²)	<i>154,860</i>	(²)	<i>167,470</i>	<i>252,617</i>
36	119,023	118,973	103,965	140,229	80,493	200,840	106,081	217,005	160,521	237,510	128,975	193,311
37	<i>68,080</i>	<i>48,460</i>	<i>22,890</i>	(²)	(²)	<i>60,300</i>	<i>15,960</i>	(²)	<i>70,760</i>	(²)	<i>63,540</i>	<i>89,610</i>
38	3,014,000	1,132,887	2,522,995	732,452	939,106	1,195,639	1,150,947	1,205,661	1,817,921	1,017,401	898,474	1,686,032
39	<i>5,647,701</i>	<i>1,896,213</i>	<i>856,438</i>	(²)	(²)	<i>1,068,787</i>	<i>246,544</i>	(²)	<i>1,766,481</i>	(²)	<i>322,341</i>	<i>2,212,611</i>
40	36.2	69.2	35.2	50.5	23.8	64.9	60.5	70.2	45.2	72.8	72.0	78.0
41	5.5	7.2	6.5	8.0	3.7	10.9	7.3	9.3	8.9	11.4	9.1	6.9
42	1.7	2.2	2.4	6.7	2.3	3.5	2.7	3.1	3.7	3.0	2.4	2.1
43	56.6	21.3	55.9	34.9	70.2	20.7	29.5	17.4	42.2	12.8	16.6	18.0
44	11,025	3,024	7,046	6,174	2,331	2,905	5,541	2,228	2,794	2,479	5,866	6,184
45	4,593	2,313	2,939	3,607	642	2,203	3,758	1,771	1,511	2,087	4,754	4,938
46	14.16	7.26	10.08	10.99	5.02	0.24	15.99	6.67	8.69	7.80	38.89	0.34
47	<i>12.62</i>	<i>3.26</i>	<i>6.70</i>	(²)	(²)	<i>4.45</i>	<i>8.38</i>	(²)	<i>7.87</i>	(²)	<i>13.79</i>	<i>1.74</i>
48	594	1,416	607	264	562	1,730	655	2,491	1,484	2,391	864	1,363
49	3,001,492	1,126,563	2,517,051	729,453	938,224	1,186,670	1,142,166	1,187,222	1,812,048	992,484	884,720	1,629,705
50	* 198,519	* 20,098	* 58,721	30,647	* 10,100	* 22,918	* 38,960	* 18,421	* 15,722	* 13,349	* 10,140	* 55,697
51	1,631	1,647	2,598	370	373	2,087	1,108	4,478	1,444	3,999	1,953	3,610
52	140,700	11,339	32,919	22,047	3,416	10,838	21,429	5,127	8,227	3,410	3,175	33,895
53	20,755	2,601	6,438	2,996	575	3,070	4,388	2,192	2,621	1,703	1,468	6,351
54	6,861	1,505	2,530	606	594	1,447	3,036	2,315	622	1,817	917	1,520
55	17,751	1,444	6,205	2,992	847	2,193	3,760	1,776	1,173	964	1,933	5,306
56	7,000	1,217	7,271	1,636	427	1,747	3,069	1,190	705	896	1,236	4,941
57	* 3,374,328	* 392,238	* 1,100,224	561,684	* 170,827	* 475,616	* 696,069	* 398,281	* 283,558	* 284,808	* 244,252	* 634,270
58	* 10,089	* 3,752	5,212	2,887	* 11,071	6,162	8,845	* 6,888	* 7,402	6,383	7,909	* 7,122
59	7,093	3,381	4,440	2,484	4,677	5,453	7,264	* 6,113	* 4,463	5,985	6,604	6,312
60	1,036	280	645	305	318	608	1,390	467	731	512	961	684
61	251	76	127	98	279	101	281	186	95	166	344	101
62	* 386,550	* 199,784	200,935	120,651	* 104,989	341,327	305,571	* 423,908	* 272,677	448,292	355,707	* 278,514
63	341	715	343	113	238	232	427	1,982	58	2,167	186	382
64	274	649	289	93	234	201	287	1,802	48	1,890	174	310
65	58	42	45	20	3	29	122	135	6	231	9	6
66	9	24	9	-----	1	2	18	45	4	46	3	5
67	24,008	70,162	28,194	11,550	6,451	24,198	28,515	211,435	2,305	224,382	13,190	27,400
68	223	708	471	163	854	262	233	633	1,137	269	393	508
69	3,614	8,624	4,205	6,775	3,986	3,173	4,168	13,767	5,688	10,206	4,837	5,290
70	2,263	1,018	1,567	135	246	2,062	1,348	2,435	2,163	4,050	1,915	1,617
71	1,477	850	986	105	186	1,221	923	1,967	1,456	3,539	1,282	1,147
72	786	168	581	30	60	841	425	468	727	511	633	470
73	13,094	6,283	8,222	985	1,643	10,992	7,439	13,579	10,603	21,891	13,829	13,582
74	625	132,701	287,365	286	204,223	89,879	22,457	34,229	358,394	1,016	77,755	108,620
75	564	109,167	223,087	220	165,237	83,874	18,996	27,836	346,639	806	66,389	92,180
76	61	23,534	64,278	66	38,986	6,005	3,661	6,393	11,755	210	11,366	11,440
77	1,928	430,531	1,123,973	739	496,171	303,020	68,859	119,592	1,184,005	2,397	227,091	309,687
78	46,271	5,060	22,675	8,390	36,658	13,708	11,625	3,113	23,907	385	9,840	31,355
79	117,970	9,871	51,298	18,069	64,167	28,344	31,545	6,710	55,212	508	25,814	60,953
80	18,147	14,951	12,729	4,487	1,498	18,965	14,475	43,493	12,933	61,785	19,492	14,332
81	12,464	6,261	5,909									

TABLE I.—FARMS AND FARM PROPERTY, BY COUNTIES: APRIL 15, 1910—Continued.
[Comparative data for June 1, 1900, in italics.]

	Sandoval. ¹	Santa Fe. ^{1,2}	Sierra.	Socorro. ²	Taos. ¹	Torrance.	Union. ²	Valencia. ^{1,2}	Indian res- ervations.
1 Population.....	8,579	14,770	3,536	14,761	12,008	10,119	11,404	13,320	
2 Population in 1900.....	(?)	14,658	3,168	12,185	10,889	(?)	4,528	13,805	
3 Number of all farms.....	1,237	1,297	303	1,122	980	2,069	1,923	1,292	
4 Number of all farms in 1900.....	(?)	918	100	991	629	(?)	410	618	1,380
Color and nativity of farmers:									
5 Native white.....	613	1,230	342	1,077	851	2,007	1,839	1,039	
6 Foreign-born white.....	22	29	21	44	11	60	79	21	
7 Negro and other nonwhite.....	602	33		1	124	2	5	232	
Number of farms, classified by size:									
8 Under 3 acres.....	155	145	58	72	4	21	13	42	
9 3 to 9 acres.....	220	405	39	164	209	10	6	518	
10 10 to 19 acres.....	182	182	29	227	275	39		336	
11 20 to 49 acres.....	174	106	43	191	245	90	13	149	
12 50 to 99 acres.....	104	54	30	75	84	67	26	40	
13 100 to 174 acres.....	333	366	120	263	119	1,449	985	138	
14 175 to 259 acres.....	17	31	10	31	19	90	66	16	
15 260 to 499 acres.....	25	110	15	47	16	283	661	20	
16 500 to 999 acres.....	15	20	6	24	3	15	80	14	
17 1,000 acres and over.....	12	9	7	23	12	5	73	13	
LAND AND FARM AREA									
18 Approximate land area..... acres.	2,477,440	1,262,720	1,965,520	9,644,800	1,441,280	2,156,160	3,436,800	3,621,700	
19 Land in farms..... acres.	349,269	236,279	507,670	626,670	95,540	369,774	314,411	208,385	
20 Land in farms in 1900..... acres.	(?)	658,880	462,151	166,795	47,159	(?)	254,161	65,029	62,213
21 Improved land in farms..... acres.	39,700	32,741	4,220	23,309	21,038	74,028	72,630	20,098	
22 Improved land in farms in 1900..... acres.	(?)	13,610	3,086	17,728	15,839	(?)	11,973	11,973	25,455
23 Woodland in farms..... acres.	120,615	59,319	15,131	106,972	28,242	23,396	1,554	8,139	
24 Other unimproved land in farms..... acres.	188,984	144,219	488,285	496,389	46,260	272,350	739,527	180,148	
25 Per cent of land area in farms.....	14.1	18.7	25.4	6.5	6.6	17.1	23.7	5.8	
26 Per cent of farm land improved.....	11.4	13.9	0.8	3.7	22.0	20.0	8.9	9.6	
27 Average acres per farm.....	282.4	182.2	1,393.4	558.5	96.9	178.7	423.3	161.3	
28 Average improved acres per farm.....	32.1	25.2	11.6	20.8	21.3	35.8	37.8	15.6	
VALUE OF FARM PROPERTY									
29 All farm property..... dollars.	3,469,940	3,509,872	3,225,108	5,066,157	2,745,167	4,323,173	7,982,782	3,771,183	
30 All farm property in 1900..... dollars.	(?)	2,732,014	1,828,632	3,602,671	892,149	(?)	4,663,012	2,173,093	721,666
31 Per cent increase, 1900-1910.....			76.4		207.7				
32 Land..... dollars.	2,088,695	2,156,440	1,975,331	1,561,481	1,772,710	2,680,107	3,759,020	1,534,071	
33 Land in 1900..... dollars.	(?)	1,679,024	612,430	701,305	259,914	(?)	256,914	684,690	349,860
34 Buildings..... dollars.	275,950	664,936	83,955	419,330	308,833	503,090	609,939	361,939	
35 Buildings in 1900..... dollars.	(?)	493,183	59,229	226,330	108,804	(?)	214,680	171,850	18,130
36 Implements and machinery..... dollars.	92,269	98,067	41,145	135,859	118,152	139,204	169,327	128,395	
37 Implements, etc., in 1900..... dollars.	(?)	66,260	24,040	79,710	48,960	(?)	62,190	60,770	54,240
38 Domestic animals, poultry, and bees..... dollars.	1,013,036	680,429	1,125,567	2,947,887	550,357	1,000,802	3,444,496	1,747,078	
39 Domestic animals, etc., in 1900..... dollars.	(?)	643,667	1,132,892	2,567,386	477,081	(?)	3,721,418	1,416,683	304,436
Per cent of value of all property in—									
40 Land.....	60.2	61.4	61.2	30.8	64.6	62.0	47.6	40.7	
41 Buildings.....	8.0	16.1	2.6	8.3	11.1	11.6	7.1	9.6	
42 Implements and machinery.....	2.7	2.8	1.3	2.7	4.3	3.2	2.1	3.4	
43 Domestic animals, poultry, and bees.....	29.2	19.7	34.9	58.2	20.0	23.2	43.1	46.3	
Average values:									
44 All property per farm..... dollars.	2,805	2,706	8,885	4,515	2,784	2,089	4,151	2,919	
45 Land and buildings per farm..... dollars.	1,912	2,098	5,671	1,766	2,108	1,538	2,272	1,467	
46 Land per acre..... dollars.	5.93	9.13	3.89	2.49	18.55	7.25	4.62	7.36	
47 Land per acre in 1900..... dollars.	(?)	2.55	1.35	4.21	5.60	(?)	2.66	7.06	5.66
DOMESTIC ANIMALS (farms and ranges)									
48 Farms reporting domestic animals.....	1,151	1,143	345	1,074	964	1,638	1,637	1,250	
49 Value of domestic animals..... dollars.	1,009,954	681,938	1,123,621	2,938,225	545,430	988,742	3,429,314	1,741,858	
Cattle:									
50 Total number.....	*17,004	*8,636	*45,692	*91,028	*5,451	*8,395	*59,354	*22,502	
51 Dairy cows.....	945	1,055	183	1,896	940	1,682	3,294	1,432	
52 Other cows.....	10,340	5,103	24,818	48,487	2,450	3,629	27,977	10,979	
53 Yearling heifers.....	2,188	1,191	3,326	11,523	958	1,142	7,033	3,310	
54 Calves.....	727	361	149	3,635	333	654	3,691	905	
55 Yearling steers and bulls.....	1,047	374	3,285	9,178	498	485	5,261	1,196	
56 Other steers and bulls.....	939	105	11,146	4,495	197	135	7,883	1,178	
57 Value..... dollars.	*310,949	*168,574	*741,009	*1,538,982	*105,772	*171,051	*1,363,831	*412,877	
Horses:									
58 Total number.....	9,124	*2,893	4,340	*10,733	*3,602	4,427	8,214	*7,272	
59 Mature horses.....	7,288	2,637	3,768	8,922	3,066	4,063	7,401	5,031	
60 Yearling colts.....	1,269	206	544	1,287	394	301	668	687	
61 Spring colts.....	577	30	28	224	97	68	145	59	
62 Value..... dollars.	203,949	*114,187	117,681	*303,411	*143,933	208,967	483,939	*210,991	
Mules:									
63 Total number.....	306	200	47	204	30	746	690	243	
64 Mature mules.....	282	194	43	180	28	717	635	237	
65 Yearling colts.....	21	5	3	22	1	27	44	5	
66 Spring colts.....	3	1	1	2	1	11	11	1	
67 Value..... dollars.	17,267	19,440	2,205	10,745	2,345	79,220	75,200	14,316	
Asses and burros:									
68 Number.....	1,052	779	164	884	285	422	382	790	
69 Value..... dollars.	6,674	4,889	624	5,786	1,501	3,611	6,085	7,118	
Swine:									
70 Total number.....	499	976	681	1,070	2,857	1,274	1,683	878	
71 Mature hogs.....	306	670	408	686	1,488	817	1,396	550	
72 Spring pigs.....	193	306	273	384	1,369	457	287	319	
73 Value..... dollars.	2,893	6,308	2,649	5,865	13,235	7,211	12,817	4,115	
Sheep:									
74 Total number.....	149,408	92,697	20,486	294,108	86,870	130,956	290,847	310,791	
75 Rams, ewes, and wethers.....	127,424	80,557	15,884	228,140	84,190	115,588	272,880	283,138	
76 Spring lambs.....	21,984	12,140	4,602	65,968	2,680	15,368	17,968	27,658	
77 Value..... dollars.	409,257	350,993	92,840	965,522	255,867	507,941	1,472,885	1,074,287	
Goats:									
78 Number.....	33,153	9,716	57,249	25,923	9,579	5,550	6,494	8,055	
79 Value..... dollars.	58,965	17,547	106,613	59,914	22,777	10,741	14,557	18,154	
POULTRY AND BEES									
80 Number of poultry of all kinds.....	5,216	13,043	3,951	12,063	11,249	24,338	30,247	10,262	
81 Value..... dollars.	2,727	7,085	1,894	6,449	4,155	12,060	15,182	4,722	
82 Number of colonies of bees.....	71	260	16	59	193			106	
83 Value..... dollars.	355	1,406	52	3,213	772			498	

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.)

* Includes animals, age or sex not specified.

AGRICULTURE—NEW MEXICO.

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

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

	THE STATE.	Bernalillo. ¹	Chaves. ²	Colfax.	Curry.	Dona Ana. ²	Eddy.	
FARMS OPERATED BY OWNERS								
1	Number of farms.....	33,398	874	2,274	540	2,042	644	1,205
2	Number of farms in 1900.....	<i>10,674</i>	<i>770</i>	<i>272</i>	<i>299</i>	(²)	<i>408</i>	<i>138</i>
3	Per cent of all farms.....	93.6	94.5	91.4	77.9	95.7	75.7	85.4
4	Per cent of all farms in 1900.....	<i>86.7</i>	<i>91.7</i>	<i>78.9</i>	<i>72.9</i>	(²)	<i>71.5</i>	<i>82.1</i>
5	Land in farms.....acres...	7,095,901	69,366	571,919	503,223	480,538	72,773	305,334
6	Improved land in farms.....acres...	1,298,739	21,700	116,633	32,993	167,727	25,015	69,724
7	Value of land and buildings.....dollars...	80,982,225	1,860,614	10,147,480	4,173,708	4,917,512	3,230,324	6,632,385
Degree of ownership:								
8	Farms consisting of owned land only.....	30,417	810	2,136	436	1,722	563	1,142
9	Farms consisting of owned and hired land.....	2,981	64	138	104	320	81	63
Color and nativity of owners:								
10	Native white.....	30,046	637	2,194	473	1,901	465	1,125
11	Foreign-born white.....	1,231	39	71	64	51	177	80
12	Negro and other nonwhite.....	2,121	198	9	3		2	
FARMS OPERATED BY TENANTS								
13	Number of farms.....	1,957	43	150	113	87	190	179
14	Number of farms in 1900.....	<i>1,164</i>	<i>61</i>	<i>24</i>	<i>83</i>	(²)	<i>153</i>	<i>9</i>
15	Per cent of all farms.....	5.5	4.6	6.0	16.3	4.1	23.4	12.7
16	Per cent of all farms in 1900.....	<i>9.4</i>	<i>7.3</i>	<i>6.9</i>	<i>20.2</i>	(²)	<i>26.8</i>	<i>5.4</i>
17	Land in farms.....acres...	978,361	2,619	25,733	353,687	20,613	9,931	32,069
18	Improved land in farms.....acres...	94,305	917	11,257	10,834	7,982	6,934	16,145
19	Value of land and buildings.....dollars...	10,505,002	225,071	1,615,040	1,523,385	253,735	557,910	2,006,985
Form of tenancy:								
20	Share tenants.....	1,233	21	74	43	69	131	116
21	Share-cash tenants.....	51		2	5		5	2
22	Cash tenants.....	440	6	66	38	13	32	44
23	Tenure not specified.....	233	16	8	27	5	31	17
Color and nativity of tenants:								
24	Native white.....	1,742	35	140	92	85	124	154
25	Foreign-born white.....	192	1	8	14	2	75	25
26	Negro and other nonwhite.....	23	7	2				
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	321	8	63	40	5	8	27
28	Number of farms in 1900.....	<i>488</i>	<i>9</i>	<i>49</i>	<i>28</i>	(²)	<i>10</i>	<i>21</i>
29	Land in farms.....acres...	3,195,759	40,789	451,954	518,936	960	1,831	15,355
30	Improved land in farms.....acres...	74,147	219	10,808	12,541	182	1,246	6,225
31	Value of land and buildings.....dollars...	20,343,772	182,100	4,121,838	5,059,560	15,600	229,300	793,610
MORTGAGE DEBT REPORTS:								
For all farms operated by owners:								
32	Number free from mortgage debt.....	31,382	829	2,026	415	1,953	539	1,036
33	Number with mortgage debt.....	1,775	42	244	120	81	91	160
34	Number with no mortgage report.....	241	3	4	5	8	14	9
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	1,397	24	217	82	53	76	144
36	Value of their land and buildings.....dollars...	10,683,233	91,450	2,974,070	911,620	112,000	813,265	1,685,320
37	Amount of mortgage debt.....dollars...	2,590,282	24,497	734,950	225,872	22,091	193,265	446,858
38	Per cent of value of land and buildings.....	24.2	26.8	24.7	24.8	19.7	23.8	26.5

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.)

³ No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

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

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....number...	33,935	561	3,324	1,903	2,318	378	1,885
2	Dairy cows on farms reporting milk produced.....number...	32,023	421	3,153	1,859	2,269	324	1,839
3	Milk—Produced.....gallons...	6,815,942	164,542	694,058	418,983	616,710	95,542	435,787
4	Sold.....gallons...	1,036,922	191,600	115,294	82,760	82,760	31,933	61,535
5	Cream sold.....gallons...	9,679	1,268	189		355	515	262
6	Butter fat sold.....pounds...	11,248						
7	Butter—Produced.....pounds...	1,477,617	7,356	175,511	76,192	192,511	13,920	98,506
8	Sold.....pounds...	410,634	6,238	43,138	34,734	68,789	5,083	23,880
9	Cheese—Produced.....pounds...	81,869	380	220	2,956	150	842	505
10	Sold.....pounds...	24,918	130	20	890		360	505
11	Value of dairy products, excluding home use of milk and cream.....dollars...	726,692	63,094	84,121	42,722	74,310	14,071	44,770
12	Receipts from sale of dairy products.....dollars...	434,199	63,548	48,267	30,877	42,190	11,289	23,256
Poultry Products								
13	Poultry—Raised.....number...	675,022	14,036	74,152	24,039	61,014	15,461	42,934
14	Sold.....number...	194,917	6,684	20,761	4,906	20,230	2,655	9,286
15	Eggs—Produced.....dozens...	2,273,320	46,439	227,076	96,763	192,794	51,952	158,463
16	Sold.....dozens...	882,856	28,623	91,349	30,246	90,203	20,822	63,381
17	Value of poultry and eggs produced.....dollars...	788,481	21,396	76,052	36,524	54,678	20,573	56,722
18	Receipts from sale of poultry and eggs.....dollars...	293,527	11,668	28,686	10,119	24,299	6,710	17,940
Honey and Wax								
19	Honey produced.....pounds...	439,528	32,408	122,659	200	240	156,434	14,784
20	Wax produced.....pounds...	5,245	202	1,846			1,986	322
21	Value of honey and wax produced.....dollars...	39,639	3,567	12,936	25	30	9,858	1,770
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....number...	2,360,783	108,510	130,490	81,767	5,923	316	84,213
23	Mohair and goat hair, fleeces shorn.....number...	159,980		5,150	150		3150	16,418
24	Value of wool and mohair produced.....dollars...	2,472,725	103,506	223,378	64,293	5,393	1,794	103,585
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....number...	19,827	312	1,602	2,207	787	158	705
26	Other cattle—Sold or slaughtered.....number...	322,663	359	67,391	20,851	3,338	1,774	24,407
27	Horses, mules, and asses and burros—Sold.....number...	13,025	36	1,756	830	728	507	1,498
28	Swine—Sold or slaughtered.....number...	42,209	340	3,074	1,031	7,668	491	1,475
29	Sheep and goats—Sold or slaughtered.....number...	1,142,778	7,340	340,561	38,109	1,146	4,502	27,816
30	Receipts from sale of animals.....dollars...	10,099,489	25,256	2,375,774	639,048	170,030	56,177	715,887
31	Value of animals slaughtered.....dollars...	842,396	9,429	59,493	40,170	43,487	10,656	22,764

AGRICULTURE—NEW MEXICO.

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

	Grant. ¹	Guadalupe. ¹	Lincoln. ¹	Luna.	McKinley. ²	Mora.	Otero. ²	Quay.
FARMS OPERATED BY OWNERS								
1	495	1,678	566	315	568	1,911	617	3,046
2	<i>359</i>	<i>250</i>	<i>280</i>	(¹)	(¹)	<i>854</i>	<i>188</i>	(¹)
3	78.9	95.3	88.3	92.6	99.0	96.1	87.5	97.7
4	<i>75.4</i>	<i>83.0</i>	<i>82.9</i>	(¹)	(¹)	<i>91.5</i>	<i>76.7</i>	(¹)
5	101,714	371,592	101,680	80,583	55,493	490,529	122,385	705,875
6	13,429	44,382	13,161	10,970	5,032	61,662	13,403	168,762
7	1,497,021	2,752,472	1,387,585	1,098,380	361,436	3,891,881	2,281,272	5,320,220
Degree of ownership:								
8	455	1,545	521	297	564	1,637	506	2,747
9	40	133	45	18	4	274	21	299
Color and nativity of owners:								
10	427	1,643	535	287	57	1,870	551	2,945
11	64	33	30	26	20	40	36	99
12	4	2	1	2	491	1	30	2
FARMS OPERATED BY TENANTS								
13	110	73	50	21	5	65	77	66
14	<i>76</i>	<i>10</i>	<i>48</i>	(¹)	(¹)	<i>60</i>	<i>39</i>	(¹)
15	17.5	4.1	8.7	6.2	0.9	3.3	10.9	2.1
16	<i>16.1</i>	<i>3.6</i>	<i>13.9</i>	(¹)	(¹)	<i>6.4</i>	<i>21.7</i>	(¹)
17	10,065	116,975	8,341	3,099	1,062	31,581	20,027	21,702
18	3,422	1,681	1,215	620	53	1,749	2,100	3,872
19	292,190	1,231,697	101,930	67,300	4,540	155,495	191,650	149,540
Form of tenancy:								
20	70	57	34	17		50	61	33
21	1	1	1			2	1	1
22	33	13	18	3	1	11	5	23
23	6	2	3	1	4	2	10	9
Color and nativity of tenants:								
24	96	69	54	15	2	64	73	66
25	14	4	2	5	3	1	3	
26				1			1	
FARMS OPERATED BY MANAGERS								
27	22	9	19	4	1	12	11	5
28	<i>40</i>	<i>37</i>	<i>11</i>	(¹)	(¹)	<i>19</i>	<i>3</i>	(¹)
29	64,670	19,083	47,694	3,720	130	79,405	5,322	3,360
30	4,309	123	1,565	359	130	3,292	1,161	710
31	1,090,300	86,560	394,200	60,700	2,500	331,450	176,350	46,000
MORTGAGE DEBT REPORTS								
For all farms operated by owners:								
32	457	1,638	531	300	549	1,863	579	3,006
33	36	34	32	14	12	52	29	37
34	2	6	3	1	7	6	9	3
For farms consisting of owned land only:								
35	24	31	16	11	7	38	25	32
36	233,450	76,460	58,650	68,700	20,100	178,585	120,740	101,050
37	40,925	17,997	14,375	13,200	3,000	38,865	39,390	18,755
38	17.5	23.5	24.5	19.2	14.9	21.8	32.6	18.6

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

LIVE STOCK PRODUCTS										
Dairy Products										
1	Dairy cows on farms reporting dairy products.....	number	1,220	1,373	1,518	212	174	1,470	776	3,810
2	Dairy cows on farms reporting milk produced.....	number	1,024	1,371	1,288	192	148	1,396	597	3,784
3	Milk—Produced.....	gallons	237,569	209,454	140,478	37,056	11,600	212,696	108,585	755,785
4	Sold.....	gallons	85,000	8,787	11,738	14,460	6,128	5,624	18,924	52,214
5	Cream sold.....	gallons		162		90	50	94	550	
6	Butter fat sold.....	pounds								
7	Butter—Produced.....	pounds	13,317	37,762	22,490	7,462	2,170	25,933	10,426	231,508
8	Sold.....	pounds	1,219	7,027	3,059	3,478	795	4,983	4,863	48,106
9	Cheese—Produced.....	pounds	515	7,599	580	100		14,888		100
10	Sold.....	pounds	140	3,048	215			2,189		65
11	Value of dairy products, excluding home use of milk and cream.....	dollars	35,135	14,832	11,025	7,921	2,943	10,905	13,288	78,803
12	Receipts from sale of dairy products.....	dollars	30,442	6,482	5,169	6,587	2,392	3,208	9,540	31,225
Poultry Products										
13	Poultry—Raised.....	number	22,299	19,986	9,615	3,883	1,140	20,305	22,866	71,794
14	Sold.....	number	7,890	4,614	3,305	900	424	4,279	13,214	23,021
15	Eggs—Produced.....	dozens	99,578	57,160	44,366	13,735	2,647	87,403	68,531	190,888
16	Sold.....	dozens	37,374	17,119	14,279	3,573	1,035	27,636	52,031	70,177
17	Value of poultry and eggs produced.....	dollars	42,665	20,724	16,122	6,469	1,325	30,909	37,498	62,422
18	Receipts from sale of poultry and eggs.....	dollars	16,015	5,710	5,129	1,777	500	8,765	28,684	22,731
Honey and Wax										
19	Honey produced.....	pounds	225	362	200			1,260	6,960	
20	Wax produced.....	pounds							100	
21	Value of honey and wax produced.....	dollars	59	47	30			167	664	
Wool, Mohair, and Goat Hair										
22	Wool, fleeces shorn.....	number	3	110,529	187,087	259	34,406	79,132	23,515	29,345
23	Mohair and goat hair, fleeces shorn.....	number	40,379	22	10,835	10,569	47	169	12,719	3
24	Value of wool and mohair produced.....	dollars	80,493	142,494	253,095	5,732	9,927	64,583	20,147	34,420
DOMESTIC ANIMALS SOLD OR SLAUGHTERED										
25	Cattle—Sold or slaughtered.....	number	800	934	615	873	212	1,502	1,276	1,162
26	Other cattle—Sold or slaughtered.....	number	47,562	5,459	13,880	14,513	1,435	16,275	9,041	15,092
27	Horses, mules, and asses and burros—Sold.....	number	718	378	232	512	26	464	638	1,102
28	Swine—Sold or slaughtered.....	number	1,133	845	500	134	362	834	615	5,559
29	Sheep and goats—Sold or slaughtered.....	number	10,778	40,705	64,830	3,554	4,568	70,541	12,079	17,330
30	Receipts from sale of animals.....	dollars	812,064	224,542	447,950	266,792	29,350	548,279	224,226	427,301
31	Value of animals slaughtered.....	dollars	28,408	32,324	32,904	6,844	19,651	40,359	11,411	47,386

AGRICULTURE—NEW MEXICO.

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

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

	Rio Arriba. ^{1,2}	Roosevelt.	San Juan. ^{1,2}	San Miguel. ¹	Sandoval. ²	Santa Fe. ^{1,2}	Sierra.	Socorro. ¹	Taos. ¹	Torrance.	Union. ¹	Valencia. ^{1,2}	Indian res- ervations.
1	1,489	3,126	812	1,382	1,199	1,265	315	1,003	929	1,986	1,891	1,226	.....
2	<i>818</i>	(¹)	<i>854</i>	<i>1,092</i>	(¹)	<i>848</i>	<i>128</i>	<i>794</i>	<i>680</i>	(¹)	<i>877</i>	<i>551</i>	<i>1,883</i>
3	96.6	97.7	87.9	94.1	96.9	97.5	86.8	89.4	94.2	96.0	98.3	94.9	.....
4	<i>95.1</i>	(¹)	<i>78.0</i>	<i>84.2</i>	(¹)	<i>92.2</i>	<i>80.0</i>	<i>80.1</i>	<i>92.2</i>	(¹)	<i>80.0</i>	<i>89.2</i>	<i>99.8</i>
5	131,474	720,601	87,668	234,993	103,535	227,243	34,260	245,822	90,467	353,084	716,506	108,244	.....
6	24,309	194,323	21,935	43,086	17,877	31,971	3,579	19,618	18,763	70,858	70,047	17,706	.....
7	2,002,528	6,440,719	3,716,700	2,726,242	1,490,057	2,402,745	485,309	1,649,234	1,927,303	3,018,622	3,973,909	1,584,566	.....
8	1,461	2,668	767	1,331	1,170	1,160	283	810	829	1,893	1,822	1,052	.....
9	28	458	45	51	29	105	32	193	100	93	69	174	.....
10	1,279	3,089	581	1,854	576	1,198	295	965	799	1,926	1,809	975	.....
11	14	37	58	23	21	29	20	38	7	58	77	19	.....
12	190	.....	173	5	602	38	.....	.....	123	2	5	232	.....
13	47	71	105	77	32	23	41	106	53	74	22	62	.....
14	<i>42</i>	(¹)	<i>118</i>	<i>138</i>	(¹)	<i>50</i>	<i>18</i>	<i>155</i>	<i>39</i>	(¹)	<i>5</i>	<i>48</i>	<i>2</i>
15	3.0	2.2	11.4	5.2	2.6	1.8	11.3	9.4	5.4	3.6	1.1	4.8	.....
16	<i>4.9</i>	(¹)	<i>24.0</i>	<i>10.6</i>	(¹)	<i>6.4</i>	<i>8.1</i>	<i>13.6</i>	<i>6.2</i>	(¹)	<i>1.2</i>	<i>7.8</i>	<i>0.2</i>
17	91,506	17,745	10,453	13,702	2,351	5,467	2,384	57,792	2,751	12,330	14,305	90,101	.....
18	1,116	5,208	3,966	3,490	912	591	366	2,381	1,483	2,894	1,705	1,392	.....
19	316,125	169,570	539,760	164,670	65,188	51,250	33,830	250,327	107,845	110,995	88,840	140,144	.....
20	19	47	65	55	20	16	29	66	35	49	11	45	.....
21	4	1	4	.....	1	6	12	1	1	1	.....	.....	.....
22	15	13	24	13	4	2	3	16	15	11	7	11	.....
23	9	10	12	9	8	4	3	12	2	13	4	6	.....
24	46	70	91	70	31	23	40	99	49	73	20	61	.....
25	1	1	11	7	1	.....	1	6	3	1	2	1	.....
26	.....	.....	3	.....	.....	.....	.....	1	1	.....	.....	.....	.....
27	6	3	7	9	6	9	7	13	4	9	10	4	.....
28	.....	(¹)	<i>20</i>	<i>9</i>	(¹)	<i>22</i>	<i>19</i>	<i>62</i>	<i>10</i>	(¹)	<i>37</i>	<i>19</i>	.....
29	890	2,479	2,103	796,081	243,413	3,569	470,992	323,086	2,322	4,360	83,200	10,040	.....
30	65	590	435	4,565	20,311	179	275	1,310	792	275	873	1,000	.....
31	11,550	69,074	136,000	4,357,943	803,400	267,380	1,539,257	81,850	41,500	53,550	306,210	171,000	.....
32	1,441	2,903	634	1,310	1,121	1,209	296	970	860	1,937	1,793	1,197	.....
33	44	208	177	65	15	53	9	18	62	42	79	19	.....
34	4	15	1	7	63	3	10	15	7	7	19	10	.....
35	36	150	154	57	9	42	8	11	48	31	60	11	.....
36	70,365	620,127	1,047,850	302,386	12,650	578,410	42,950	61,910	141,780	68,445	261,290	29,620	.....
37	17,309	205,312	209,237	80,428	2,565	99,155	9,247	13,730	15,470	13,903	78,481	11,045	.....
38	24.6	33.1	20.0	26.6	20.3	17.1	21.5	22.2	10.9	20.3	30.0	37.3	.....

² 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	699	3,601	1,482	1,572	251	700	13	1,247	659	988	1,022	779	.....
2	933	3,556	1,443	1,248	230	691	13	1,177	655	861	1,013	779	.....
3	98,610	876,193	348,923	316,009	52,614	172,431	3,200	147,915	109,923	223,781	212,795	114,087	.....
4	15,341	10,971	13,125	145,182	2,036	32,167	35	6,557	8,142	10,837	20,765	12,304	.....
5	365	2,563	90	1,570	4	.....	.....	5	.....	960	.....	.....	.....
6	.....	10,335	913	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	8,091	281,655	88,683	24,810	4,677	14,543	336	11,816	8,947	57,780	50,369	6,846	.....
8	353	50,757	37,368	15,970	2,494	4,780	.....	2,270	1,767	20,197	17,019	2,269	.....
9	6,485	.....	2,400	14,894	1,590	3,489	.....	3,767	10,723	358	5,790	3,052	.....
10	585	.....	1,661	5,940	206	1,439	.....	2,975	3,236	154	.....	1,160	.....
11	8,003	70,680	27,541	41,005	2,649	15,870	142	6,786	7,336	23,017	18,230	6,613	.....
12	4,319	19,048	13,720	37,012	1,517	12,542	14	3,229	3,920	11,145	9,519	4,742	.....
13	14,573	103,831	28,218	11,685	2,356	17,495	3,734	13,561	10,323	32,343	23,992	8,487	.....
14	703	31,771	11,087	3,518	610	4,429	4,473	3,911	995	8,427	4,877	1,915	.....
15	50,704	309,534	104,871	57,770	10,917	63,436	8,263	60,333	45,599	108,173	77,808	28,347	.....
16	8,158	129,946	54,616	26,741	1,629	25,517	1,492	10,478	10,222	42,874	24,467	8,893	.....
17	16,945	83,663	40,735	18,558	3,964	23,294	4,216	23,469	12,881	37,735	28,271	10,631	.....
18	2,265	33,020	20,090	7,930	695	8,685	665	4,987	2,565	12,961	7,768	3,169	.....
19	3,630	.....	35,266	.....	3,360	6,579	505	47,534	3,072	.....	.....	3,850	.....
20	113	4	452	.....	.....	150	.....	600	10	.....	.....	.....	.....
21	497	1	3,805	.....	336	882	85	4,057	358	.....	.....	465	.....
22	306,456	515	33,486	62,489	93,487	46,177	9,418	204,076	85,667	117,088	224,889	292,540	.....
23	196	.....	2,351	1,600	400	.....	33,949	11,088	772	6,010	3	.....	.....
24	202,170	419	30,304	57,743	69,845	42,210	28,945	190,437	61,091	129,191	268,031	299,001	.....
25	655	1,407	415	1,142	93	430	461	703	194	349	461	363	.....
26	3,063	5,327	2,382	10,729	1,438	4,602	18,333	14,657	1,182	1,797	14,127	3,649	.....
27	344	1,247	230	184	186	118	910	209	94	322	193	136	.....
28	708	9,633	1,771	53	53	780	220	175	1,295	1,268	458	294	.....
29	158,311	45	15,572	23,065	32,475	35,199	11,474	60,690	23,383	44,782	23,023	70,810	.....
30	513,266	235,681	123,672	263,231	108,888	173,351	352,926	404,311	64,094	201,628	438,070	252,725	.....
31	57,896	58,801	36,201	39,902	18,845	29,182	13,362	43,289	32,496	30,267	27,585	49,290	.....

AGRICULTURE—NEW MEXICO.

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

		THE STATE.	Bernalillo.	Chaves.	Colfax.	Curry.	Dona Ana.	Eddy.	
VALUE OF ALL CROPS									
1	Total.....	dollars..	8,922,397	315,394	1,020,514	499,013	291,742	800,804	567,267
2	Cereals.....	dollars..	2,382,996	48,996	142,336	166,334	70,034	104,436	110,687
3	Other grains and seeds.....	dollars..	319,275	7,325	27,155	15,128	10,000	10,570	10,386
4	Hay and forage.....	dollars..	4,469,709	148,419	744,681	224,537	186,739	584,343	384,836
5	Vegetables.....	dollars..	820,437	80,585	46,035	31,181	17,328	60,958	28,741
6	Fruits and nuts.....	dollars..	545,500	16,327	42,137	43,675	34	16,959	17,095
7	All other crops.....	dollars..	384,420	19,742	17,270	18,158	7,601	23,538	15,512
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....	acres.....	218,037	4,323	9,920	12,438	18,030	6,116	9,235
10	Corn.....	bushels..	2,975,383	53,868	181,188	257,745	99,483	109,819	159,278
11	Oats.....	acres.....	85,909	2,475	3,181	1,550	7,507	3,385	3,604
12	Wheat.....	bushels..	1,164,970	24,429	74,891	24,236	33,379	55,911	62,513
13	Barley.....	acres.....	33,707	238	1,098	9,637	.....	108	474
14	Rye.....	bushels..	720,500	7,097	33,173	212,423	.....	3,050	11,805
15	Wheat.....	acres.....	32,341	1,608	17	488	1,084	.....	.....
16	Barley.....	bushels..	499,799	22,182	245	7,975	2,668	40,768	.....
17	Rye.....	acres.....	2,131	.....	.....	727	.....	76	1
18	Kafir corn and milo maize.....	bushels..	43,490	.....	.....	12,870	.....	930	2
19	Other grains:								
20	Dry peas.....	acres.....	2,485	5	50	40	65	1	23
21	Dry edible beans.....	bushels..	30,829	28	181	707	216	20	102
22	Peanuts.....	acres.....	20,766	667	291	416	1,025	374	200
23	Hay and forage:								
24	Total.....	acres.....	85,795	2,260	1,208	4,091	2,132	3,717	1,152
25	All tame or cultivated grasses.....	acres.....	126	.....	21	.....	39	1	1
26	Timothy alone.....	bushels..	1,375	.....	136	.....	441	40	12
27	Timothy and clover mixed.....	acres.....	.....	.....	.....	.....	.....	.....	.....
28	Clover alone.....	acres.....	.....	.....	.....	.....	.....	.....	.....
29	Alfalfa.....	acres.....	.....	.....	.....	.....	.....	.....	.....
30	Millet or Hungarian grass.....	acres.....	.....	.....	.....	.....	.....	.....	.....
31	Other tame or cultivated grasses.....	acres.....	.....	.....	.....	.....	.....	.....	.....
32	Wild, salt, or prairie grasses.....	acres.....	.....	.....	.....	.....	.....	.....	.....
33	Grains cut green.....	acres.....	.....	.....	.....	.....	.....	.....	.....
34	Coarse forage.....	acres.....	.....	.....	.....	.....	.....	.....	.....
35	Special crops:								
36	Potatoes.....	acres.....	6,230	48	28	385	343	3	11
37	Sweet potatoes and yams.....	bushels..	295,255	3,470	1,007	32,238	6,218	108	907
38	All other vegetables.....	acres.....	211	2	88	.....	11	25	24
39	Cotton.....	acres.....	13,831	249	6,582	.....	270	2,438	1,389
40	Broom corn.....	bales.....	8,219	634	370	151	374	639	422
41	FRUITS AND NUTS								
42	Total.....	pounds..	4,470	.....	48	.....	.....	.....	134
43	Orchard fruits:								
44	Total.....	acres.....	644,892	.....	16,680	.....	33,986	.....	.....
45	Apples.....	bushels..	803,068	16,076	204,759	28,808	1,553	25,496	68,920
46	Peaches and nectarines.....	bushels..	504,059	13,803	35,170	40,209	.....	13,216	12,850
47	Pears.....	acres.....	542,628	6,024	185,342	23,950	520	16,295	39,326
48	Plums and prunes.....	bushels..	417,143	8,604	32,771	38,758	.....	5,550	12,129
49	Cherries.....	acres.....	136,191	4,134	7,825	310	725	9,577	19,587
50	Apricots.....	bushels..	32,533	2,787	22	.....	.....	2,268	304
51	Small fruits:								
52	Total.....	acres.....	37,220	1,585	7,130	2,144	87	1,543	2,136
53	Strawberries.....	bushels..	29,435	1,091	2,133	1,195	.....	1,029	345
54	Nuts.....	acres.....	51,257	1,109	2,351	799	149	758	3,337
55	.....	bushels..	15,528	370	71	76	.....	230	14
56	.....	acres.....	21,925	840	1,808	1,022	68	63	752
57	.....	bushels..	6,384	177	153	100	.....	28	10
58	.....	acres.....	8,202	511	226	274	1	236	784
59	.....	bushels..	2,379	364	.....	.....	.....	20	15
60	Grapes.....	vines.....	250,076	23,052	5,942	1	327	25,238	6,891
61	Small fruits:								
62	Total.....	pounds..	425,415	26,600	16,682	2	20	63,480	43,050
63	Strawberries.....	acres.....	66	1	9	3	.....	3	.....
64	.....	quarts..	76,532	270	25,731	1,900	322	540	.....
65	.....	acres.....	20	1	9	.....	.....	2	.....
66	.....	quarts..	35,634	270	25,304	.....	12	340	.....
67	Nuts.....	acres.....	503	80	2	155	14	2	16
68	.....	pounds..	1,498	500	.....	525	.....	.....	.....

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	13,124	407	709	305	733	528	390
2	Cash expended.....	dollars..	2,985,826	84,562	342,359	187,564	50,074	213,775	152,787
3	Rent and board furnished.....	dollars..	659,597	13,330	104,130	49,231	5,685	8,589	16,411
4	Fertilizer.....	Farms reporting.....	827	109	10	4	3	13	12
5	Amount expended.....	dollars..	25,371	8,531	1,040	375	155	1,086	352
6	Feed.....	Farms reporting.....	13,470	279	1,142	331	873	193	472
7	Amount expended.....	dollars..	1,527,037	33,455	134,705	69,944	77,815	22,963	74,897
8	Receipts from sale of feedable crops.....	dollars..	1,445,063	4,907	372,575	65,588	35,037	226,990	190,718

AGRICULTURE—NEW MEXICO.

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

	Grant.	Guadalupe.	Lincoln.	Luna.	McKinley.	Mora.	Otero.	Quay.	Rio Arriba.	Roosevelt.	San Juan.	San Miguel.
1	298,401	133,984	113,124	63,210	38,341	558,602	234,889	307,587	413,131	383,578	567,477	382,550
2	118,277	16,783	32,975	7,344	17,916	204,548	54,966	53,615	131,270	153,283	126,342	144,246
3	5,743	9,504	3,444	9,872	688	27,857	1,702	14,132	18,194	10,042	5,515	7,682
4	95,088	82,996	55,437	30,491	8,145	178,227	108,431	200,370	191,294	173,721	202,666	114,178
5	32,816	19,571	8,004	12,604	11,570	29,137	38,376	25,937	48,454	18,284	41,760	43,214
6	42,066	63	9,651	1,522	22	20,726	25,551	128	23,108	74	180,659	9,450
7	4,411	5,067	3,613	1,377	.....	98,107	5,863	13,405	811	28,174	1,535	63,760
8	5,940	2,839	3,243	352	2,220	16,894	3,179	9,609	7,533	35,861	5,353	11,298
9	141,352	20,794	37,944	8,252	25,516	280,459	71,968	57,659	138,821	224,001	134,781	195,327
10	5,330	1,494	2,857	330	1,160	4,690	1,558	2,371	1,804	7,698	3,462	4,979
11	122,182	11,082	31,569	7,816	4,813	65,877	29,703	11,110	29,327	44,183	59,080	96,010
12	5	1	297	.....	536	8,263	1,230	.....	2,301	.....	862	3,848
13	55	25	5,151	.....	18,243	160,649	36,120	.....	43,945	.....	26,269	63,675
14	91	102	57	.....	459	3,314	179	.....	3,286	.....	983	2,247
15	1,946	1,126	570	.....	1,635	48,258	3,158	2,336	63,464	.....	18,010	33,257
16	497	.....	32	.....	65	260	39	.....	139	.....	42	79
17	10,874	.....	654	.....	825	3,045	732	.....	2,042	.....	397	1,370
18	6	.....	.....	.....	.....	24	17	.....	4	.....	3	62
19	100	.....	.....	.....	.....	278	250	.....	14	.....	50	765
20	12	1,242	.....	22	.....	343	150	.....	6,308	28,163	1	78
21	195	8,561	.....	436	.....	2,352	2,005	44,199	.....	179,818	15	240
22	.....	12	.....	.....	.....	193	6	97	440	161	2	55
23	1	11	.....	3	.....	2,177	38	261	5,913	699	19	738
24	256	2,245	228	298	34	1,357	85	2,530	359	1,556	84	299
25	2,209	2,781	1,507	4,770	219	8,496	522	4,003	5,652	3,799	961	3,747
26	.....	1	.....	.....	.....	.....	.....	.....	10	42	.....	.....
27	5	5	.....	.....	.....	6	.....	186	.....	462	.....	3
28	3,947	12,318	4,343	3,812	695	13,771	4,489	55,075	8,534	44,600	7,199	7,990
29	8,470	7,303	5,403	2,271	602	18,326	9,976	22,720	16,988	16,636	22,625	10,228
30	2,451	1,539	2,304	301	30	8,534	2,062	1,847	5,704	2,092	6,824	4,120
31	5,764	3,058	3,877	805	58	12,989	6,076	791	18,022	892	22,008	6,415
32	.....	.....	12	.....	.....	389	41	20	664	.....	103	235
33	.....	.....	6	.....	.....	548	110	50	1,081	.....	107	346
34	5	2	10	.....	.....	580	.....	.....	15	.....	250	504
35	10	2	10	.....	.....	681	.....	.....	15	.....	500	641
36	.....	.....	10	.....	.....	6	.....	.....	22	.....	74	.....
37	.....	.....	.....	.....	.....	.....	.....	.....	56	.....	177	.....
38	2,029	1,031	2,133	283	30	5,078	1,891	19	4,131	5	6,368	2,507
39	5,443	2,796	3,734	791	58	9,453	5,775	13	10,605	3	21,172	4,718
40	3	297	137	18	.....	574	25	1,732	26	2,077	17	157
41	4	166	92	14	.....	674	40	715	66	886	32	234
42	414	209	5	.....	.....	1,906	105	76	846	10	12	476
43	307	94	5	.....	.....	1,627	151	3	1,260	3	20	717
44	994	1,373	791	3,108	310	2,238	513	40	1,709	95	67	1,347
45	784	516	283	913	219	1,700	421	6	2,107	74	73	611
46	165	10	388	27	259	584	1,481	66	1,116	120	179	2,309
47	1,595	10	481	15	271	495	2,536	24	1,862	42	310	2,275
48	337	9,391	860	376	6	2,411	432	53,122	5	42,293	129	514
49	327	3,721	762	538	54	3,134	940	21,899	7	15,628	235	619
50	88	60	45	62	142	268	422	121	432	417	357	73
51	8,123	590	2,663	3,448	12,465	13,151	33,474	2,729	28,590	3,583	33,390	7,022
52	1	3	.....	.....	.....	.....	3	5	.....	14	1	.....
53	136	348	.....	.....	.....	.....	300	155	.....	572	59	.....
54	280	320	75	73	47	280	190	850	436	372	211	736
55	25	.....	.....	.....	.....	.....	.....	127	.....	6	.....	.....
56	7	.....	.....	.....	.....	.....	.....	16	.....	1	.....	.....
57	84	.....	.....	.....	.....	58	.....	1,254	.....	1,818	.....	.....
58	3,618	.....	.....	.....	.....	3,760	.....	218,642	.....	178,116	.....	.....
59	26,474	11,465	25,877	1,554	35	17,698	39,390	1,126	49,079	38,679	121,204	11,195
60	34,837	10	6,008	1,041	75	25,280	15,449	.....	30,883	27	203,480	12,288
61	18,512	5,241	18,093	408	15	12,303	20,526	453	26,343	20,624	67,260	6,056
62	24,902	.....	5,436	307	75	20,500	10,307	.....	22,332	.....	176,255	6,824
63	4,227	2,575	3,051	788	20	226	12,804	293	11,307	5,114	36,174	2,257
64	3,910	.....	149	656	.....	10	2,421	.....	4,402	.....	9,191	2,525
65	1,426	978	902	72	.....	787	1,887	75	775	823	8,579	519
66	3,091	.....	109	51	.....	937	2,184	.....	718	.....	12,523	904
67	1,003	1,169	1,851	222	.....	3,104	1,046	185	6,425	3,992	3,661	1,235
68	2,529	.....	262	27	.....	2,829	148	.....	1,858	27	3,015	1,440
69	323	1,306	1,209	30	.....	1,124	891	100	3,237	873	4,225	985
70	62	10	52	.....	.....	1,004	306	.....	823	.....	2,267	589
71	248	176	121	90	.....	149	562	9	963	142	1,168	116
72	163	.....	.....	.....	.....	.....	49	.....	658	.....	183	4
73	1,324	916	204	481	400	24	22,990	343	1,172	4,719	13,371	281
74	10,697	305	206	3,540	.....	2	31,355	1,225	900	1,813	60,980	540
75	2	.....	4	.....	.....	9	1	.....	.....	.....	24	3
76	342	130	2,285	7,861	2,200	450	21,366	1,704
77	1	6
78	60	10	56	2,000	6	6,497	20
79	7	1	8	109
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AND RECEIPTS, BY COUNTIES: 1909.

1	300	612	199	102	54	1,076	230	1,030	929	951	339	653
2	434,157	84,595	160,114	35,333	10,344	132,287	93,426	66,342	110,733	45,685	67,996	124,059
3	64,621	14,965	45,304	9,843	2,559	29,603	16,469	9,720	37,328	6,118	19,363	46,600
4	6	15	.....	.....	.....	142	2	1	19	.....	1	152
5	165	421	57	.....	.....	1,890	101	5	356	.....	1	3,829
6	273	898	276	192	38	814	272	1,934	285	1,025	226	412
7	90,642	82,715	49,742	42,461	5,648	60,087	40,883	174,030	21,763	69,122	26,666	56,166
8	116,095	13,111	18,340	13,986	4,959	104,172	16,393	18,635	14,536	50,733	54,821	33,810

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

		Sandoval.	Santa Fe.	Sierra.	Socorro.	Taos.	Torrance.	Union.	Valencia.	Indian res.
VALUE OF ALL CROPS										
1	Total.....	dollars.....	247,993	218,585	65,893	311,188	324,298	233,966	295,293	235,573
2	Cereals.....	dollars.....	132,082	48,103	22,038	104,704	115,324	73,013	84,410	98,914
3	Other grains and seeds.....	dollars.....	11,241	8,998	1,532	3,115	20,269	42,914	19,672	7,609
4	Hay and forage.....	dollars.....	76,346	82,051	26,728	147,796	106,127	50,320	152,404	107,218
5	Vegetables.....	dollars.....	13,896	41,274	10,117	41,604	19,894	58,694	18,687	20,876
6	Fruits and nuts.....	dollars.....	10,003	32,452	4,914	8,024	27,662	121	3,189	888
7	All other crops.....	dollars.....	4,425	5,707	564	5,945	26,022	2,904	16,841	68
SELECTED CROPS (acres and quantity)										
Cereals:										
8	Total.....	acres.....	8,902	4,168	1,243	4,593	6,750	10,759	10,906	6,333
9	.....	bushels.....	158,523	52,323	24,894	103,216	126,966	88,724	120,593	102,099
10	Corn.....	acres.....	4,617	2,735	936	2,451	1,033	9,674	3,220	1,838
11	.....	bushels.....	100,405	29,613	17,823	48,028	13,935	80,443	28,058	27,354
12	Oats.....	acres.....	489	264	86	452	2,499	209	431	393
13	.....	bushels.....	9,063	4,032	2,988	10,481	54,069	2,543	7,210	8,494
14	Wheat.....	acres.....	3,768	1,129	2,008	1,667	3,137	3,377	3,777	4,080
15	.....	bushels.....	48,313	18,241	3,677	43,704	57,204	5,176	3,275	65,721
16	Barley.....	acres.....	38	23	8	15	65	3	22	22
17	.....	bushels.....	692	375	343	349	1,489	55	440	440
18	Rye.....	acres.....	1	7	1	7	14	45	10	10
19	.....	bushels.....	16	15	1	49	215	180	56	56
20	Kafir corn and milo maize.....	acres.....	1	15	1	1	1	35	6,865	1
21	.....	bushels.....	40	40	5	5	382	81,330	81,330	81,330
Other grains:										
22	Dry peas.....	acres.....	24	58	1	2	1,164	10	70	70
23	.....	bushels.....	173	723	5	30	18,458	71	255	255
24	Dry edible beans.....	acres.....	463	912	81	84	433	4,654	1,574	252
25	.....	bushels.....	3,170	2,899	474	1,054	3,207	14,985	4,502	2,278
26	Peanuts.....	acres.....	1	1	1	1	1	1	1	1
27	.....	bushels.....	13	13	13	13	54	13	59	3
Hay and forage:										
28	Total.....	acres.....	2,672	5,413	731	4,807	5,417	7,662	18,603	5,397
29	.....	tons.....	6,743	7,055	2,069	11,043	10,204	4,284	17,086	9,712
30	All tame or cultivated grasses.....	acres.....	2,014	3,372	722	3,633	4,218	3,659	2,388	3,504
31	.....	tons.....	5,659	6,053	2,061	9,815	8,353	1,934	3,863	7,383
32	Timothy alone.....	acres.....	32	4	1	233	110	8	4	242
33	.....	tons.....	60	2	1	138	200	7	7	262
34	Timothy and clover mixed.....	acres.....	3	31	1	1	81	1	1	1
35	.....	tons.....	8	61	1	1	167	1	1	1
36	Clover alone.....	acres.....	1	3	1	1	2	1	1	1
37	.....	tons.....	3	3	1	1	4	1	1	1
38	Alfalfa.....	acres.....	1,754	2,045	675	3,089	2,840	28	1,571	2,900
39	.....	tons.....	5,237	5,351	2,028	9,296	6,164	63	2,801	6,746
40	Millet or Hungarian grass.....	acres.....	50	1,227	15	15	14	3,571	1,037	10
41	.....	tons.....	100	520	50	50	15	1,819	895	10
42	Other tame or cultivated grasses.....	acres.....	175	64	40	296	1,171	60	72	352
43	.....	tons.....	254	116	32	331	1,803	52	100	365
44	Wild, salt, or prairie grasses.....	acres.....	210	85	8	895	451	413	3,753	1,517
45	.....	tons.....	216	145	5	929	681	158	8,229	1,822
46	Grains cut green.....	acres.....	429	241	1	265	640	1,082	115	331
47	.....	tons.....	849	236	2	265	995	601	161	434
48	Coarse forage.....	acres.....	19	1,715	14	102	2,553	12,047	45	45
49	.....	tons.....	19	564	1	34	175	1,531	0,842	73
Special crops:										
50	Potatoes.....	acres.....	72	235	11	47	227	1,985	157	191
51	.....	bushels.....	3,379	5,283	1,216	3,380	12,917	61,691	4,400	9,807
52	Sweet potatoes and yams.....	acres.....	23	1	1	1	10	1	1	1
53	.....	bushels.....	1,150	32	44	107	131	79	305	229
54	All other vegetables.....	acres.....	159	410	100	271	131	79	305	229
55	Cotton.....	acres.....	159	410	100	271	131	79	305	229
56	.....	bales.....	159	410	100	271	131	79	305	229
57	Broom corn.....	acres.....	159	410	100	271	131	79	305	229
58	.....	pounds.....	159	410	100	271	131	79	305	229
FRUITS AND NUTS										
Orchard fruits:										
59	Total.....	trees.....	10,632	39,707	6,018	19,162	18,403	606	2,843	18,511
60	.....	bushels.....	2,427	21,653	4,049	3,848	25,334	33	1,991	320
61	Apples.....	trees.....	3,596	28,891	3,015	10,122	13,984	303	1,361	0,465
62	.....	bushels.....	1,143	17,933	3,125	2,767	22,246	30	965	194
63	Peaches and nectarines.....	trees.....	3,663	4,673	1,961	5,282	388	105	934	1,991
64	.....	bushels.....	764	1,053	584	442	207	2	724	22
65	Pears.....	trees.....	1,146	1,399	254	827	992	18	99	1,008
66	.....	bushels.....	178	1,154	51	384	1,232	1	87	33
67	Plums and prunes.....	trees.....	1,168	2,780	441	2,081	2,184	43	218	8,446
68	.....	bushels.....	156	815	178	236	1,136	90	90	21
69	Cherries.....	trees.....	557	1,054	65	209	619	180	175	260
70	.....	bushels.....	46	171	16	16	26	25	125	43
71	Apricots.....	trees.....	313	994	174	526	221	7	43	208
72	.....	bushels.....	138	506	84	3	142	1	50	50
73	Grapes.....	vines.....	97,252	613	17,485	8,166	24	120	18,740	18,740
74	.....	pounds.....	126,140	1,040	26,555	4,350	600	652	4,701	4,701
75	Small fruits:	acres.....	1	3	1	1	3	1	1	1
76	Total.....	quarts.....	6,261	2,603	260	330	1,847	30	100	100
77	Strawberries.....	acres.....	65	224	200	100	440	1	1	1
78	.....	quarts.....	65	224	200	100	440	1	1	1
79	Nuts.....	trees.....	11	11	65	65	65	65	65	65
80	.....	pounds.....	30	30	400	400	400	400	400	400

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

		Sandoval.	Santa Fe.	Sierra.	Socorro.	Taos.	Torrance.	Union.	Valencia.	Indian res.
1	Labor.....	Farms reporting.....	245	530	94	617	541	468	464	528
2	.....	Cash expended.....	dollars.....	38,839	39,973	55,647	170,213	56,701	43,727	63,375
3	.....	Rent and board furnished.....	dollars.....	13,166	10,570	14,649	45,331	20,589	12,704	7,917
4	Fertilizer.....	Farms reporting.....	50	50	3	42	184	1	1	11
5	.....	Amount expended.....	dollars.....	1,393	775	3	1,224	3,076	4	299
6	Feed.....	Farms reporting.....	90	542	106	446	281	836	850	384
7	.....	Amount expended.....	dollars.....	17,706	58,124	20,563	68,166	13,453	96,610	92,970
8	Receipts from sale of feedable crops.....	dollars.....	13,961	1,625	10,629	24,111	8,726	6,016	10,206	26,042

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

		THE STATE.	Bernalillo.	Chaves.	Colfax.	Curry.	Dona Ana.	Eddy.	Grant.	Guadalupe.
1	Incloures reporting domestic animals.....	8,299	863	646	402	165	578	543	543	205
2	Value of domestic animals.....dollars..	1,773,512	127,337	142,926	169,955	41,356	75,996	127,439	127,364	40,306
3	Cattle:									
4	Total number.....	13,649	370	491	518	123	385	1,077	1,451	302
5	Value.....dollars..	343,242	16,246	21,881	16,569	4,822	11,544	30,261	29,360	5,875
6	Number of dairy cows.....	4,377	269	356	231	98	156	371	236	153
7	Horses:									
8	Total number.....	17,350	1,430	1,102	1,129	235	1,320	1,139	1,317	394
9	Value.....dollars..	1,083,447	106,857	103,085	99,195	28,630	59,074	84,737	74,446	20,477
10	Number of mature horses.....	16,464	1,408	1,077	1,104	227	1,232	1,088	1,206	373
11	Mules and asses and burros:									
12	Total number.....	3,191	33	151	322	53	160	127	459	159
13	Value.....dollars..	194,924	3,050	17,605	51,030	7,710	3,642	9,134	8,919	11,943
14	Number of mature mules.....	1,473	25	120	298	44	43	74	172	80
15	Swine:									
16	Total number.....	2,312	45	11	85	25	195	28	235	45
17	Value.....dollars..	15,786	265	113	943	179	816	315	1,614	200
18	Sheep and goats:									
19	Total number.....	48,348	446	67	588	3	479	1,456	2,731	1,014
20	Value.....dollars..	136,113	919	242	2,218	15	920	2,992	13,025	1,721

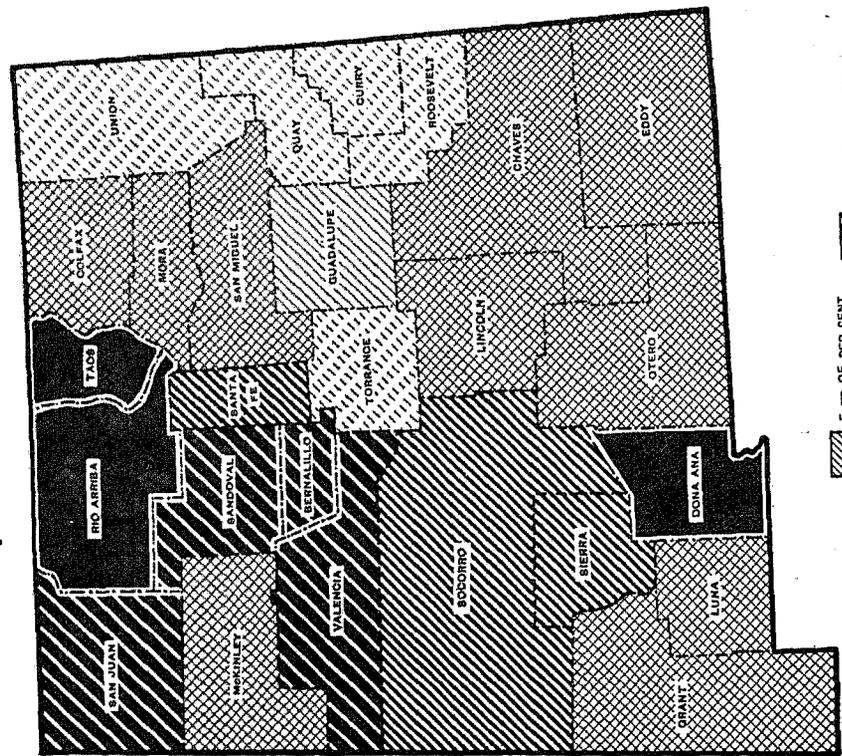
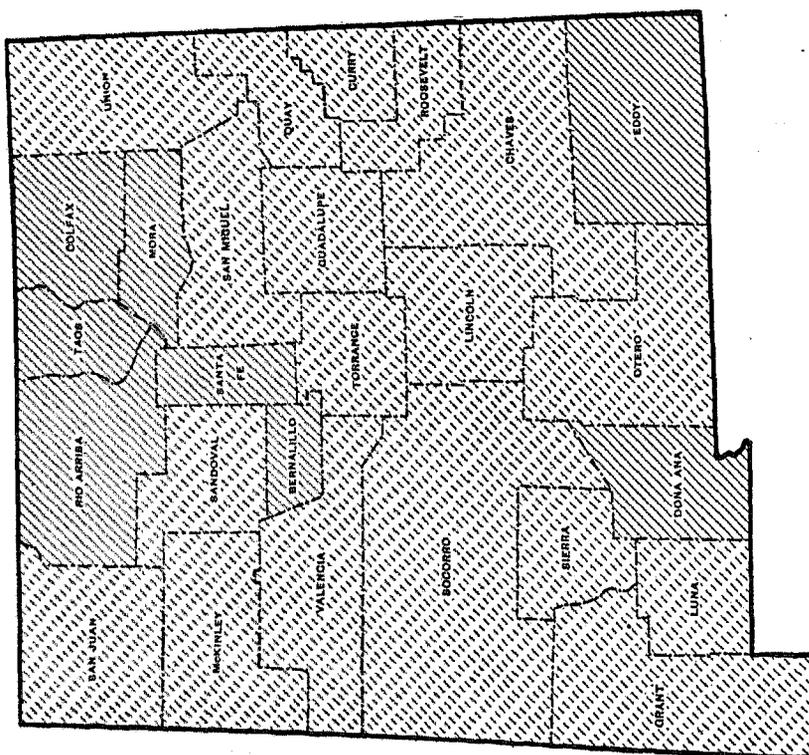
		Lincoln.	Luna.	McKinley.	Mora.	Otero.	Quay.	Rio Arriba.	Roosevelt.	San Juan.
1	Incloures reporting domestic animals.....	208	166	179	95	191	174	398	199	151
2	Value of domestic animals.....dollars..	42,828	37,460	84,406	18,074	45,704	30,579	86,049	46,240	43,547
3	Cattle:									
4	Total number.....	410	108	241	158	278	223	895	508	224
5	Value.....dollars..	8,550	5,539	8,841	3,736	7,525	7,340	17,045	16,085	6,693
6	Number of dairy cows.....	138	90	121	28	85	131	164	346	133
7	Horses:									
8	Total number.....	549	218	639	199	464	259	946	303	319
9	Value.....dollars..	30,438	20,189	38,462	10,775	33,301	17,221	46,977	23,097	27,623
10	Number of mature horses.....	508	210	593	196	443	249	851	284	308
11	Mules and asses and burros:									
12	Total number.....	54	129	197	21	33	57	85	67	21
13	Value.....dollars..	3,038	10,733	21,778	526	3,425	5,570	848	5,835	1,605
14	Number of mature mules.....	22	45	184	6	20	38	5	45	13
15	Swine:									
16	Total number.....	42	57	111	38	177	43	210	66	36
17	Value.....dollars..	304	367	1,030	197	1,377	317	1,266	423	540
18	Sheep and goats:									
19	Total number.....	209	378	4,470	1,210	38	56	7,301	80	1,430
20	Value.....dollars..	498	638	14,265	2,840	76	131	19,313	800	7,086

		San Miguel.	Sandoval.	Santa Fe.	Sierra.	Socorro.	Taos.	Torrance.	Union.	Valencia.
1	Incloures reporting domestic animals.....	669	90	529	135	377	296	147	153	197
2	Value of domestic animals.....dollars..	119,951	37,627	65,768	25,696	87,670	43,217	38,279	32,859	34,873
3	Cattle:									
4	Total number.....	1,233	846	604	374	733	380	450	314	955
5	Value.....dollars..	30,204	14,149	14,558	6,144	18,497	8,196	10,130	8,325	14,527
6	Number of dairy cows.....	319	7	205	32	232	130	89	112	145
7	Horses:									
8	Total number.....	1,356	319	753	512	1,182	298	266	298	404
9	Value.....dollars..	70,985	8,868	35,468	16,033	59,120	23,242	12,731	20,365	12,621
10	Number of mature horses.....	1,259	293	748	477	1,081	277	245	293	400
11	Mules and asses and burros:									
12	Total number.....	150	21	333	80	275	64	85	43	6
13	Value.....dollars..	4,813	861	9,368	2,877	3,506	1,125	3,571	1,887	525
14	Number of mature mules.....	46	11	62	36	16	.....	47	16	5
15	Swine:									
16	Total number.....	193	12	74	64	115	286	65	38	16
17	Value.....dollars..	1,842	63	408	247	861	1,182	445	343	39
18	Sheep and goats:									
19	Total number.....	5,447	5,329	2,238	199	2,319	3,905	4,203	724	2,028
20	Value.....dollars..	12,107	13,686	5,966	395	5,686	9,472	11,402	1,939	7,761

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

PER CENT OF TOTAL LAND AREA IRRIGATED.

[Per cent for the state, 0.6.]



NEW MEXICO.

FARMS AND ACREAGE IRRIGATED.

New Mexico lies on the border of the Rocky Mountains and the Great Plains, the western part being occupied by broken ranges of mountains with intervening valleys, and the eastern part by the western extension of the plains. Throughout the eastern part of the state the rainfall is sufficient in many seasons for growing crops without irrigation, the normal annual precipitation ranging from 15 to 20 inches, and in other scattered sections also the rainfall is sufficient for dry farming.

Irrigation is practiced to some extent throughout the state, but the development has not been marked in the east central counties. The distribution 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 the 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 the 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 statistics for the census of 1900 are included as far as possible.

The figures relating to irrigation given in the Twelfth Census report are exclusive of Indian reservations in the case of all the items which are shown in the present bulletin, except the total number of farms irrigated in the state. Thus it appears that the acreage irrigated in 1899, as shown in this and other tables, and the figures based upon it, are not strictly comparable with the corresponding figures for 1909. This should be borne in mind in considering comparisons between the two censuses.

	CENSUS OF—		INCREASE. ¹	
	1910	1900	Amount.	Per cent.
Number of all farms.....	² 35, 676	³ 12, 311	23, 365	189. 8
Approximate land area of the state..... acres..	78, 401, 920	78, 401, 920	.....	.....
Land in farms..... acres..	² 11, 270, 021	³ 5, 130, 878	6, 139, 143	119. 7
Improved land in farms..... acres..	² 1, 467, 191	³ 326, 878	1, 140, 313	348. 9
Number of farms irrigated.....	⁴ 12, 795	⁵ 9, 128	3, 667	40. 2
Acreage irrigated.....	⁴ 461, 718	⁵ 203, 893	257, 825	126. 5
Acreage enterprises were capable of irrigating.....	⁷ 644, 970	⁸ 646, 784	.....	.....
Acreage included in projects.....	⁷ 1, 102, 297	(⁹)	.....	.....
Percentage irrigated of—				
Number of all farms.....	35. 9	74. 1	—38. 2	.....
Approximate land area of the state.....	0. 6	¹⁰ 0. 3	.....	.....
Land in farms.....	4. 1	¹⁰ 4. 0	.....	.....
Improved land in farms.....	31. 5	¹⁰ 67. 2	.....	.....
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	183, 252	¹¹ 442, 891	.....	.....
Excess of acreage included in projects over acreage irrigated in 1909.....	640, 579	.....	.....	.....

¹ A minus sign (—) denotes decrease. ² April 15. ³ June 1. ⁴ In 1909. ⁵ In 1899. ⁶ In 1899. Exclusive of Indian reservations. ⁷ July 1. ⁸ Reported under ditch in 1899. Exclusive of Indian reservations and acreage covered by well systems. ⁹ Not reported. ¹⁰ Based on figures which are exclusive of Indian reservations. ¹¹ Represents difference between acreage irrigated and acreage under ditch shown above.

Number of farms irrigated.—The number of farms given as irrigated in 1909 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 more than one-third (35.9 per cent) of the farms in the state in 1909. In 1899 the proportion of irrigated farms was much higher (74.1 per cent), while in 1889 it was 69.2 per cent. It is evident that between 1889 and 1899 the number of irrigated farms increased more rapidly than the number of unirrigated farms while during

the last decade the rate of increase in the number of unirrigated farms was very much greater than that in the number of irrigated farms. From 1899 to 1909 the increase in the number of farms irrigated was 40.2 per cent for the state as a whole.

In 10 out of the 26 counties in the state, more than half the farms are irrigated, and in 3 the proportion is between 40 and 50 per cent, while in 6 others it is at least 30 per cent; in 1 it is 28.7 per cent; in 1, 17.3 per cent; and in the remaining 5 counties, less than 5 per cent. All except 2 of the counties having more than 50 per cent of their farms irrigated are in the western half of the state, while those in which the percentage of irrigated farms is low form a large group in the eastern part. The highest percentage shown for any county is 96.4 in Rio Arriba County, and the next highest 96.2 in Taos County.

Acreage irrigated.—The acreage irrigated is taken from the special schedules filled out by agents from information obtained from owners or officials of irrigation enterprises and, in some instances, from public records. The acreage thus obtained is considerably larger than the irrigated acreage reported on the supplemental schedules filled out by the farm enumerators. This difference is due in a measure to the fact that the special agents found enterprises which were not reported on any schedules returned by the enumerators, indicating that the acreage reported on the supplemental schedules is under the true figure. There is a natural tendency, however, 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 seems probable that the acreage reported as irrigated 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 New Mexico.

The total acreage reported as irrigated in 1909 was 461,718 acres, as against 203,893 acres in 1899 and 91,745 acres in 1889. The percentage of increase from 1889 to 1899 was 122.2, while that from 1899 to 1909 was 126.5. The absolute increase shown for the later decade was the larger, however, being 257,825 acres, as compared with only 112,148 acres during the earlier decade. Since the acreage irrigated in 1909, however, includes land lying in Indian reservations, while the figures for 1899 and 1889 do not, the reported increase between 1899 and 1909 is larger than the actual increase.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than that in the number of farms irrigated, the average acreage irrigated per farm in 1909 being 36.1, as compared with an average of 25.9 for the 7,884 farms outside of Indian reservations which were irrigated in 1899. For the same period a decrease from 416.8 to 315.9 acres in the average size of farms in the state was reported, which change, considered in connection with the increase in the acreage irrigated per farm, indicates that farmers are irrigating larger parts of their holdings than formerly.

The percentage irrigated of the total land area of the state increased from 0.3 in 1899 to 0.6 in 1909, while the percentage which the irrigated land formed of all land in farms was practically the same in the two years, 4 in 1899 and 4.1 in 1909. As a result of the rapid development of dry farming in recent years, however, there was a decrease in the proportion of the improved land in farms irrigated, from 67.2 per cent in 1899 to 31.5 per cent in 1909.

In 1909 the county for which the largest area of irrigated land was reported was Chaves, with an irrigated

acreage of 56,064. In three other counties the land reported as irrigated exceeded 40,000 acres, while three counties contained irrigated areas of between 30,000 and 40,000 acres.

The counties in which irrigated land forms the highest percentage of the total land area are Taos and Bernalillo, the proportion in the former being 2.9 per cent and that in the latter 1.9 per cent.

Acreage included in projects.—The foregoing table shows that in 1910 existing enterprises were ready to supply water to 644,970 acres, or 183,252 acres more than were irrigated in 1909. It is probable that, after allowance is made for an increase in the area irrigated in 1910 over that in 1909, there remained at the close of 1910 under ditch but not irrigated considerably more than half as much land as was brought under irrigation in the 10 years from 1899 to 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 640,579, which is almost two and one-half times the acreage brought under irrigation in the last decade and considerably more than the total area irrigated in 1909. This acreage represents the area which will be available for the extension of irrigation in the next few years upon the completion of existing enterprises and without new undertakings. 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 next table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works. In this table and in the general table at the end of this bulletin lands under the Leasburg project of the United States Reclamation Service are credited to the enterprises which were supplying them with water before the Reclamation Service undertook the work, and for which that service merely diverts the water. In this state most of the cooperative enterprises operate under laws regulating "community" ditches.

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All classes.....	461,718	100.0
U. S. Reclamation Service.....	13,398	2.9
U. S. Indian Service.....	24,007	5.2
Cooperative enterprises.....	251,911	54.6
Commercial enterprises.....	28,190	6.1
Individual and partnership enterprises.....	144,212	31.2

Cooperative enterprises and individual and partnership enterprises are all controlled by the water users. These supplied about 86 per cent of the acreage irrigated in 1909, while United States Reclamation Service enterprises, which are to be turned over to the water users, supplied 2.9 per cent. Thus only about 11 per cent of the irrigated land is supplied by enterprises which are not either controlled by the water users or to be turned over to them ultimately.

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

From this table it will be noted that nearly seven-eighths of the acreage irrigated in 1909 was supplied from streams, while wells constitute the only other source of supply that has been utilized to any considerable extent.

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	461,718	100.0
Streams.....	398,592	86.3
Lakes.....	862	0.2
Wells.....	54,829	11.9
Springs.....	6,163	1.3
Reservoirs.....	1,272	0.3

IRRIGATION WORKS.

The accompanying 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 shown for 1900. As only a few of the items reported in 1910 were reported in 1900, there is little opportunity for comparisons between the two censuses. The figures shown for the earlier census relate only to those systems which received water by gravity diversion from streams in 1899, but the other systems represented in the Twelfth Census report, which obtained water from wells, supplied only 1,004 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 was 165.7 and the acreage irrigated per mile of main ditch was 99. For the enterprises shown for 1899, which, as stated, are exclusive of systems that received water from wells, the average acreage irrigated per enterprise in 1899 was 208.1 and the average per mile of main ditch was 85.2.

The utilization of underground water for irrigation has formed one of the most important phases of irrigation development in New Mexico in recent years, although confined principally to Chaves and Eddy

Counties. The table shows 673 flowing wells, all but 2 of which are in the counties named, and 466 pumped wells, of which these counties report 155. Luna County reports 94 pumped wells, but these are mostly windmill plants, and supplied only a small total acreage in 1909. The total acreage supplied by flowing wells in 1909 was 48,877 acres, and that supplied by pumped wells, 5,952 acres.

The total number of pumping plants was 413, these plants supplying water for the irrigation of 7,485 acres in 1909.

IRRIGATION WORKS.	CENSUS OF—		INCREASE.	
	1910	1900 ¹	Amount.	Per cent.
Independent enterprises..... number..	2,786	975	1,811	185.7
Ditches, total length..... miles..	5,854	(²)	.....	.....
Main ditches..... number..	2,101	975	1,126	115.5
Length..... miles..	4,664	2,382	2,282	95.8
Capacity..... cu. ft. per second..	29,646	(²)	.....	.....
Lateral ditches..... number..	1,280	(²)	.....	.....
Length..... miles..	1,190	(²)	.....	.....
Reservoirs..... number..	522	(²)	.....	.....
Capacity..... acre-feet..	454,162	(²)	.....	.....
Flowing wells..... number..	673	(²)	.....	.....
Capacity..... gals. per minute..	609,268	(²)	.....	.....
Pumped wells..... number..	466	(²)	.....	.....
Capacity..... gals. per minute..	190,699	(²)	.....	.....
Pumping plants..... number..	413	(²)	.....	.....
Engine capacity..... horsepower..	14,226	(²)	.....	.....
Pump capacity..... gals. per minute..	216,365	(²)	.....	.....

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

COST OF CONSTRUCTION, OPERATION, AND MAINTENANCE.

The following table shows the total cost of irrigation enterprises up to July 1, 1910, including construction of works and acquisition of rights but not operation and maintenance, with the average cost per acre, based on the acreage the enterprises were capable of irrigating in 1910; the estimated final cost of 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 of systems operated in 1909. Data relating to the cost of construction and maintenance of systems operated in 1899 are included for comparison. The figure for average cost per acre of operation and maintenance in 1899 does not cover the cost for systems receiving water from wells, but these are comparatively unimportant, having supplied only 1,004 acres in that year. As previously stated, Indian reservations are not covered by the figures shown 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 larger enterprises this cost represents a cash outlay by the farmers, while in the case of many of the smaller cooperative enterprises the cost is worked out by the farmers.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Cost of irrigation enterprises.....	¹ \$9,154,897	² \$4,165,312	\$4,989,585	119.8
Average per acre.....	³ \$14.19	⁴ \$20.43	(⁵)	.....
Estimated final cost of existing enterprises.....	\$11,640,091	(⁶)	.....	.....
Average per acre included in projects.....	\$10.66	(⁶)	.....	.....
Operation and maintenance:				
Acreage for which cost is reported.....	278,439	(⁷)	.....	.....
Total cost reported.....	⁷ \$377,972	(⁸)	.....	.....
Average cost per acre.....	\$1.36	⁸ \$0.82	\$0.54	65.8

¹ Reported July 1.
² Cost of construction of systems operated in 1899.
³ Based on acreage enterprises were capable of irrigating in 1910.
⁴ Based on acreage irrigated in 1899.
⁵ Figures not comparable. (See explanation in text.)
⁶ Not reported.
⁷ For 1909.
⁸ Figure relates only to systems obtaining water from streams.

The cost of irrigation systems shows an increase of 119.8 per cent from 1899 to 1910, but the average cost per acre apparently decreased considerably. This decrease is misleading, however. The average cost per acre shown for the census of 1900 is based on the acreage irrigated in 1899 instead of the acreage under ditch, which forms the basis of the figure given for 1910. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$19.83, representing a decrease of 2.9 per cent from the figure for the average cost at the census of 1900. At that census an area under ditch was reported equal to more than three times the area actually irrigated in 1899, the difference being due to the construction of new enterprises which had not then reached a stage of development enabling them to irrigate more than small parts of the area they were designed to reclaim, and to a shortage of water under old canals that prevented them from irrigating the acreage which they ordinarily served. The cost of construction per acre of land under ditch in 1899, exclusive of the comparatively unimportant well systems, is given as \$6.40, which corresponds to the cost per acre as computed for 1910 upon the basis of the acreage enterprises were capable of irrigating in 1910 and shown in the table. If compared with the average cost per acre under ditch in 1899, the average cost given in the table for 1910 would represent an increase of \$7.79, or 121.7 per cent.

In 1910 a condition somewhat similar to that at the previous census existed. Several large enterprises were under construction upon which considerable expenditures had been made, while but little land had been actually irrigated. The average based on the estimated final cost and the acreage included in projects, \$10.56 per acre, probably more truly represents the average cost per acre of irrigation in New Mexico than either of the average costs based on Thirteenth Census figures that are discussed above.

The county showing the lowest average cost per acre enterprises were capable of irrigating in 1910, \$3.20, is Sierra, while the highest average cost per acre, \$127.52, is reported for the group designated "all other counties" comprising Curry, Quay, Roosevelt, and Torrance, in which irrigation is an incidental, rather than an essential, factor in agriculture. In Eddy and Chaves Counties, which had the largest acreages that existing works were capable of supplying with water in 1910, the average costs reported were \$21.72 and \$27.30 per acre, respectively.

The acreage for which cost of operation and maintenance in 1909 was reported constitutes 60.3 per cent of the total acreage reported as irrigated in 1909 and 87.7 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 afford reliable averages of yields.

The following table 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:

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.					
Cereals:								
Corn.....	85,999	34,430	40.0	Bushels.....	1,164,970	714,710	\$984,052	\$636,151
Oats.....	33,707	18,221	54.1	Bushels.....	720,500	440,500	459,306	309,911
Wheat.....	32,341	25,757	79.6	Bushels.....	499,799	459,531	508,726	447,704
Barley.....	2,131	1,469	68.9	Bushels.....	43,490	35,391	35,626	27,960
Rye.....	257	72	28.0	Bushels.....	2,913	1,274	2,650	885
Other grains and seeds:								
Alfalfa seed.....	2,159	1,140	52.8	Bushels.....	4,958	2,653	41,523	22,423
Dry edible beans.....	20,766	2,741	13.2	Bushels.....	85,795	26,288	232,023	74,561
Dry peas.....	2,485	1,541	62.0	Bushels.....	30,829	21,839	35,077	23,606
Hay and forage:								
Timothy alone.....	2,370	894	37.7	Tons.....	3,233	1,505	37,003	17,073
Timothy and clover mixed.....	1,881	115	6.1	Tons.....	2,650	189	28,035	2,214
Clover alone.....	197	25	12.7	Tons.....	410	47	3,591	488
Alfalfa.....	102,650	98,963	96.4	Tons.....	265,622	261,989	2,846,388	2,795,987
Other tame or cultivated grasses ¹	29,117	2,276	7.8	Tons.....	20,355	2,652	235,281	27,433
Wild, salt, or prairie grasses.....	28,023	13,024	46.5	Tons.....	22,050	14,512	239,306	149,075
Grains cut green.....	13,139	3,353	25.5	Tons.....	17,363	4,419	194,689	46,686
Coarse forage.....	191,024	7,270	3.8	Tons.....	99,320	10,145	885,001	101,137
Sundry crops:								
Potatoes.....	6,230	1,119	18.0	Bushels.....	295,255	83,234	234,630	65,625
Orchard fruits and grapes.....	(²)	6,556					535,778	447,189
Small fruits.....	66	42	63.6				9,335	6,591

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

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 usually given, but since the growing of alfalfa seed is coming to be an important industry in the irrigated sections of the country, the total acreage and the acreage under irrigation are presented here.

Acreage.—Of the entire acreage of the crops for which totals are presented in the table, slightly less than 39 per cent is irrigated. The proportion irrigated varies widely for the different crops.

In the eastern part of New Mexico the cereals are very generally grown without irrigation, but the irrigated acreage for the whole state as given in the table forms 51.8 per cent of the total acreage shown for these crops. The highest percentage of acreage irrigated shown for any cereal, 79.6, is reported for wheat, and the next highest, 68.9, for barley. The proportions for oats and corn are, respectively, 54.1 and 40 per cent.

The hay and forage crops, except alfalfa, are not so generally irrigated as the cereals, the irrigated acreage of such crops forming 34.2 per cent of their total acreage. Of these, alfalfa is the only crop of which more than half of the total acreage is irrigated, the proportion being 96.4 per cent. For "wild, salt, or prairie grasses" and for "timothy alone" the corresponding percentages are 46.5 and 37.7, respectively.

Of the entire acreage in potatoes in 1909, only 18 per cent was irrigated, and of that in small fruits, 63.6 per cent. The percentage of orchard land irrigated can not be determined, because the total acreage of orchards in the state is not reported, but it will be observed that more than 83 per cent of the value of all orchard fruits produced in the state is that of products grown on irrigated lands.

Of the crops shown in the table, alfalfa has the largest irrigated acreage, representing 45.2 per cent of the total irrigated acreage of the crops given. Corn is next, with 15.7 per cent of this total, and is followed by wheat, with 11.8 per cent, and oats, with 8.3 per cent. No other single crop covered as much as 6 per cent of the total acreage of the irrigated crops presented in the table.

While most of the crops irrigated are well distributed geographically, there is a tendency toward the concentration of certain crops in particular localities. This is shown by the following statement, which gives the counties having the largest acreages of the principal irrigated crops, with the proportion which each contains of the total irrigated acreage of that crop in the state.

Corn.—Grant County, 13.8 per cent; Sandoval, 12.9 per cent; San Juan, 8.8 per cent.

Oats.—Colfax County, 27.4 per cent; Taos, 13 per cent; Mora, 12.1 per cent.

Wheat.—Valencia County, 15.6 per cent; Sandoval, 14.6 per cent; Rio Arriba, 12.2 per cent.

Barley.—Grant County, 33.8 per cent; Colfax, 18.5 per cent; Rio Arriba, 9.7 per cent.

Alfalfa seed.—Chaves County, 41.7 per cent; Eddy, 36.5 per cent; San Juan, 11.5 per cent.

Dry edible beans.—Taos County, 15.9 per cent; Rio Arriba, 12.6 per cent; Dona Ana, 12.3 per cent.

Dry peas.—Taos County, 66.5 per cent; Rio Arriba, 27.9 per cent; Mora, 2.9 per cent.

Timothy alone.—Colfax County, 34.9 per cent; Rio Arriba, 29.2 per cent; Taos, 13.2 per cent.

Alfalfa.—Chaves County, 21.9 per cent; Dona Ana, 16.2 per cent; Eddy, 13.3 per cent.

"Other tame or cultivated grasses."—Mora County, 48.7 per cent; Taos, 14 per cent; Colfax, 10.6 per cent.

"Wild, salt, or prairie grasses."—Colfax County, 25.6 per cent; Rio Arriba, 13.4 per cent; San Miguel, 10.3 per cent.

Grains cut green.—Rio Arriba County, 26.4 per cent; Colfax, 18 per cent; Taos, 16 per cent.

Coarse forage.—Eddy County, 58.3 per cent; Chaves, 19.8 per cent; Luna, 4.5 per cent.

Potatoes.—San Juan County, 29.7 per cent; Rio Arriba, 29.4 per cent; Taos, 9.1 per cent.

Of the irrigated acreage of orchards not bearing in 1909, amounting to 7,253 acres, 55.5 per cent was in Chaves County, 12.1 per cent in San Juan County, and 11.7 per cent in Eddy County.

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.
Corn.....bushels..	8.7	20.8	139.1
Oats.....bushels..	18.1	24.2	33.7
Wheat.....bushels..	6.6	17.7	168.2
Barley.....bushels..	12.2	24.1	97.5
Alfalfa seed.....bushels..	2.3	2.3	.....
Dry edible beans.....bushels..	3.3	9.6	190.9
Dry peas.....bushels..	9.5	14.2	49.5
Timothy alone.....tons..	1.17	1.68	43.6
Alfalfa.....tons..	0.99	2.65	167.7
Other tame or cultivated grasses.....tons..	0.66	1.17	77.3
Wild, salt, or prairie grasses.....tons..	0.50	1.11	122.0
Grains cut green.....tons..	1.32	1.32	.....
Coarse forage.....tons..	0.49	1.40	185.7
Potatoes.....bushels..	41.5	74.4	79.3

For all the crops given in the table, except alfalfa seed and grains cut green, there were greater average yields in 1909 on irrigated than on unirrigated land. The relative excess is greatest in the case of dry edible beans, and next greatest in the case of coarse forage. Among the cereals the excess of the

average yield under irrigation over that without irrigation ranges from 33.7 to 168.2 per cent. In the average yield of alfalfa seed and of grains cut green no difference appears between the irrigated and unirrigated acreage. Of the five hay and forage crops with a greater average yield on irrigated land than on unirrigated land, coarse forage shows the highest percentage of excess, 185.7.

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 to advantage without it with yields in localities where irrigation is not necessary. They do not indicate, therefore, the relative advantages of farming with and without irrigation in a given community, but rather give one factor for determining the relative advantages of farming where irrigation is necessary and where it is not necessary for the successful growing of crops.

COUNTY TABLE.

The next table gives in detail, by counties, the data summarized above, except those relating to crops. For purposes of comparison the total number of farms in the state, the approximate land area of the state, the total land in farms, and the improved land in farms have been included in the table. In the last column of the table, under the heading "all other counties," are grouped Curry, Quay, Roosevelt, and Torrance Counties, in which irrigation was so unimportant that it was not considered advisable to give a separate detailed showing for each county.

Certain enterprises extend into more than one county, and in the case 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.

Attention is again directed to the fact that the totals for 1899 shown in this bulletin, with the exception of the figure for number of farms irrigated in the state as a whole, do not cover Indian reservations. Although comparisons between the two censuses are to some extent affected by this omission in the figures for the earlier census, it is not feasible either to attempt to estimate the extent of Indian Service irrigation in 1899 or to eliminate from the 1909 and 1910 totals figures representing irrigation on reservations. The omission

in the earlier figures should be borne in mind in considering the percentages of increase shown in most of the items for the state and for the counties containing Indian reservations.

Change of boundaries.—In comparing the data secured in 1910 with those for the preceding census the following changes in county boundaries should be considered:

Luna County was organized from parts of Dona Ana and Grant Counties in 1901; McKinley County was organized from parts of Bernalillo, Rio Arriba, San Juan, and Valencia Counties in 1901; a part of Santa Fe County was annexed to Rio Arriba County in 1902; Quay County was organized from parts of old Guadalupe and Union Counties in 1903; Roosevelt County was organized from parts of Chaves and old Guadalupe Counties in 1903; Sandoval County was organized from part of Bernalillo County in 1903; that part of the old county of Guadalupe remaining after part was taken to form Quay and Roosevelt Counties in 1903, together with parts of Bernalillo and Valencia, was taken to form Leonard Wood County in 1903, its name being changed from Leonard Wood to Guadalupe in 1905; Torrance County was organized from parts of Bernalillo, Lincoln, San Miguel, Santa Fe, Socorro, and Valencia Counties in 1905; and Curry County was organized from parts of Quay and Roosevelt Counties in 1909.

IRRIGATION—NEW MEXICO.

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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.	Bernalillo. ¹	Chaves. ¹	Colfax.	Dona Ana. ¹	Eddy.	Grant. ¹	Guadalupe.
1	Number of all farms in 1910.....	35,076	925	2,487	693	851	1,411	1,760
2	Number of farms irrigated in 1909.....	12,795	700	733	270	778	627	305
3	Per cent of all farms.....	35.9	75.7	29.5	39.0	91.4	42.9	17.3
4	Number of farms irrigated in 1899.....	2,128	624	185	191	504	278	80
5	Per cent of increase, 1899-1909.....	40.2			41.4			
LAND AND FARM AREA								
6	Approximate land area..... acres.....	78,401,920	776,960	6,021,120	2,430,720	2,445,440	4,430,720	4,753,920
7	Land in farms..... acres.....	11,270,021	112,774	1,049,006	1,375,846	84,535	352,758	176,449
8	Improved land in farms..... acres.....	1,467,191	22,836	138,703	56,368	33,195	92,094	21,160
9	Acres irrigated in 1909.....	461,718	14,832	66,064	30,756	32,232	47,141	14,834
10	Per cent of total land area.....	0.6	1.9	0.9	1.3	1.1	0.3	0.2
11	Per cent of land in farms.....	4.1	13.2	5.3	2.2	38.1	13.4	8.4
12	Per cent of improved land in farms.....	31.5	65.0	40.4	54.6	97.1	51.2	79.1
13	Acres irrigated in 1899.....	203,898	11,005	15,790	15,002	17,242	6,187	1,876
14	Per cent of increase, 1899-1909.....	126.5			105.0		661.9	
15	Acres enterprises were capable of irrigating in 1910.....	644,970	20,375	64,385	62,391	48,744	74,004	16,668
16	Acres included in projects.....	1,102,297	25,510	106,948	156,503	77,530	94,080	18,821
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS								
CLASSIFIED BY CHARACTER OF ENTERPRISE.								
17	U. S. Reclamation Service, irrigated in 1909.....	13,398		1,300			12,098	
18	Enterprises were capable of irrigating in 1910.....	21,467		1,200			20,267	
19	Included in projects.....	30,267		10,000			20,267	
20	U. S. Indian Service, irrigated in 1909.....	24,007	3,620					
21	Enterprises were capable of irrigating in 1910.....	24,743	3,620					
22	Included in projects.....	37,455	3,680					
23	Carey Act enterprises, irrigated in 1909.....							
24	Enterprises were capable of irrigating in 1910.....							
25	Included in projects.....	10,000			16,000			
26	Irrigation districts, irrigated in 1909.....							
27	Enterprises were capable of irrigating in 1910.....							
28	Included in projects.....	10,400						
29	Cooperative enterprises, irrigated in 1909.....	251,911	10,907	8,450	4,143	31,306	6,230	4,075
30	Enterprises were capable of irrigating in 1910.....	355,327	10,263	8,200	7,733	47,446	14,640	5,235
31	Included in projects.....	482,054	21,188	9,600	9,893	74,410	14,640	6,145
32	Commercial enterprises, irrigated in 1909.....	28,190		12,500	11,510		760	1,200
33	Enterprises were capable of irrigating in 1910.....	58,150		13,100	20,060		1,400	10,000
34	Included in projects.....	224,950		31,640	86,000		13,820	20,000
35	Individual and partnership enterprises, irrigated in 1909.....	144,212	405	33,814	15,103	926	28,053	10,759
36	Enterprises were capable of irrigating in 1910.....	184,283	492	41,885	17,998	1,288	37,697	11,433
37	Included in projects.....	295,171	642	55,708	44,610	3,120	45,953	12,676
ACREAGE IRRIGATED								
- CLASSIFIED BY SOURCE OF WATER SUPPLY.								
38	Supplied from streams.....	398,592	14,696	27,647	29,998	31,790	20,307	14,557
39	By gravity.....	397,059	14,696	27,362	29,950	31,500	20,103	14,554
40	By pumping.....	1,533		285	48	290	204	3
41	Supplied from lakes.....	862		30			10	120
42	By gravity.....	862		30			10	120
43	By pumping.....							
44	Supplied from wells.....	54,829	136	27,242		442	25,661	114
45	Flowing.....	48,877		23,937			24,939	
46	By pumping.....	5,952	136	3,305		442	722	114
47	Supplied from springs.....	6,163		1,145	738		1,063	163
48	Supplied from reservoirs.....	1,272		20			100	
49	Total acreage supplied by pumping.....	7,485	136	3,590	48	732	926	117
IRRIGATION ENTERPRISES								
50	Independent enterprises..... number.....	2,786	34	471	115	37	270	102
51	Number in 1899.....	275	75	27	27	14	8	67
52	Per cent of increase, 1899-1910.....	188.7			325.9		3,275.0	
53	Main ditches..... number.....	2,101	22	49	163	29	51	75
54	Number in 1899.....	275	75	27	27	14	8	67
55	Per cent of increase, 1899-1910.....	115.8			514.8		537.5	
56	Length..... miles.....	4,664	120	174	398	139	136	154
57	Length in 1899.....	2,832	83	93	150	123	85	163
58	Per cent of increase, 1899-1910.....	95.8			206.2		60.0	
59	Capacity..... cubic feet per second.....	29,646	719	801	5,448	2,020	1,203	241
60	Laterals..... number.....	1,230	109	88	32	10	54	11
61	Length..... miles.....	1,190	112	80	286	31	39	7
62	Reservoirs..... number.....	522	19	54	4	65	23	9
63	Capacity..... acre-feet.....	454,162	5	40,560	181,320		52,008	162
64	Flowing wells..... number.....	673		404			267	
65	Capacity..... gallons per minute.....	669,283		428,840			240,549	
66	Pumped wells..... number.....	466	12	130		19	25	5
67	Capacity..... gallons per minute.....	190,600	3,980	50,315		7,938	8,450	10,652
68	Pumping plants..... number.....	413	12	131		22	27	31
69	Engine capacity..... horsepower.....	14,226	105	10,445	50	304	219	110
70	Pump capacity..... gallons per minute.....	216,355	3,980	58,648	1,890	13,638	9,144	11,002
COST								
71	Cost of enterprises up to July 1, 1910..... dollars.....	9,154,897	130,450	1,757,561	1,683,408	165,505	1,607,244	72,242
72	Cost in 1899.....	4,163,812	336,200	850,334	297,393	67,600	2,255,600	154,078
73	Per cent of increase, 1899-1910.....	119.8			466.1		229.1	
74	Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	14.19	6.40	27.30	32.13	3.40	21.72	4.33
75	Average cost per acre irrigated in 1899.....	20.43	30.71	16.51	19.85	2.66	368.87	14.11
76	Estimated final cost of existing enterprises.....	11,640,091	130,450	1,953,424	2,512,336	165,505	1,685,990	72,242
77	Average per acre included in projects.....	10.56	5.11	18.27	16.05	2.13	17.81	8.65
OPERATION AND MAINTENANCE								
78	Acres for which cost is reported.....	278,439	10,907	18,450	8,220	31,306	18,328	4,075
79	Total cost reported..... dollars.....	377,972	22,042	11,443	11,952	43,315	47,023	4,254
80	Average per acre for which cost is reported.....	1.36	2.02	0.62	1.45	1.38	2.57	1.04
81	Average cost per acre in 1899.....	0.32						
82	Per cent of increase, 1899-1909.....	64.6						

¹Change in boundary. (See explanation at close of text.)

²Includes 1,244 farms on Indian reservations, which were not reported by counties.

³Figures relate only to systems obtaining water from streams.

⁴State to include cost of Indian reservations, which were not reported by

⁵Total cost shown for state includes \$24,993, representing the cost of systems supplied by wells. County figures relate only to systems obtaining water from streams.

⁶Decrease.

⁷Not reported by county. Figures for state include only systems ob

IRRIGATION—NEW MEXICO.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES,

[Comparative data for 1899 in italics.]

	Lincoln. ¹	Luna.	McKinley.	Mora.	Otero.	Rio Arriba. ¹	San Juan. ¹	San Miguel. ¹
1	641	340	574	1,988	705	1,542	924	1,468
2	239	116	172	620	241	1,487	706	594
3	37.3	34.1	30.0	31.2	34.2	96.4	76.4	40.5
4	195	(¹)	(¹)	783	119	815	459	907
5				220.8	102.5			
LAND AND FARM AREA								
6	3,058,560	1,904,640	3,523,840	1,645,440	4,280,960	3,757,440	3,504,640	3,079,720
7	157,715	90,402	56,685	601,515	147,734	223,870	100,280	1,044,726
8	15,942	11,958	5,215	66,703	10,664	25,560	26,356	51,141
9	7,355	5,347	2,564	19,033	6,378	45,673	29,520	14,318
10	0.2	0.3	0.1	1.2	0.1	1.2	0.8	0.5
11	4.7	5.5	4.5	3.2	4.3	20.4	29.4	1.4
12	46.1	44.7	49.2	28.6	38.3	178.8	112.0	28.0
13	4,038	(¹)	(¹)	26,530	2,130	16,812	14,734	16,857
14					199.4			
15	7,907	9,763	4,200	28,137	8,359	51,635	52,656	16,902
16	9,678	15,291	10,200	32,668	12,173	67,384	77,160	52,417
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS								
CLASSIFIED BY CHARACTER OF ENTERPRISE.								
17	U. S. Reclamation Service, irrigated in 1909.							
18	Enterprises were capable of irrigating in 1910.							
19	Included in projects.							
20	U. S. Indian Service, irrigated in 1909.							
21	Enterprises were capable of irrigating in 1910.							
22	Included in projects.							
23	Carey Act enterprises, irrigated in 1909.							
24	Enterprises were capable of irrigating in 1910.							
25	Included in projects.							
26	Irrigation districts, irrigated in 1909.							
27	Enterprises were capable of irrigating in 1910.							
28	Included in projects.							
29	Cooperative enterprises, irrigated in 1909.							
30	Enterprises were capable of irrigating in 1910.							
31	Included in projects.							
32	Commercial enterprises, irrigated in 1909.							
33	Enterprises were capable of irrigating in 1910.							
34	Included in projects.							
35	Individual and partnership enterprises, irrigated in 1909.							
36	Enterprises were capable of irrigating in 1910.							
37	Included in projects.							
ACREAGE IRRIGATED								
CLASSIFIED BY SOURCE OF WATER SUPPLY.								
38	Supplied from streams.							
39	By gravity.							
40	By pumping.							
41	Supplied from lakes.							
42	By gravity.							
43	By pumping.							
44	Supplied from wells.							
45	Flowing.							
46	By pumping.							
47	Supplied from springs.							
48	Supplied from reservoirs.							
49	Total acreage supplied by pumping.							
IRRIGATION ENTERPRISES								
50	Independent enterprises.							
51	Number in 1899.							
52	Per cent of increase, 1899-1910.							
53	Main ditches.							
54	Number in 1899.							
55	Per cent of increase, 1899-1910.							
56	Length.							
57	Length in 1899.							
58	Per cent of increase, 1899-1910.							
59	Capacity.							
60	Laterals.							
61	Length.							
62	Reservoirs.							
63	Capacity.							
64	Flowing wells.							
65	Capacity.							
66	Pumped wells.							
67	Capacity.							
68	Pumping plants.							
69	Engine capacity.							
70	Pump capacity.							
COST								
71	Cost of enterprises up to July 1, 1910.							
72	Cost in 1899.							
73	Per cent of increase, 1899-1910.							
74	Average cost per acre enterprises were capable of irrigating in 1910.							
75	Average cost per acre irrigated in 1899.							
76	Estimated final cost of existing enterprises.							
77	Average per acre included in projects.							
OPERATION AND MAINTENANCE								
78	Acreage for which cost is reported.							
79	Total cost reported.							
80	Average per acre for which cost is reported.							
81	Average cost per acre in 1899.							
82	Per cent of increase, 1899-1909.							

¹ Change in boundary. (See explanation at close of text.)² Decrease.³ Less than one-tenth of 1 per cent.⁴ Irrigated acreage includes wild grass and pastures, while improved land does not.⁵ Figures relate only to systems obtaining water from streams.

IRRIGATION—NEW MEXICO.

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

[Comparative data for 1899 in italics.]

	Sandoval.	Santa Fe. ¹	Sierra.	Socorro. ¹	Taos.	Union. ¹	Valencia. ¹	All other counties.
1 Number of all farms in 1910.....	1,237	1,297	363	1,122	986	1,023	1,202	10,520
2 Number of farms irrigated in 1909.....	1,038	844	209	710	949	94	1,093	36
3 Per cent of all farms.....	83.9	65.1	57.6	63.3	96.2	4.9	84.6	0.3
4 <i>Number of farms irrigated in 1899</i>	(¹)	<i>694</i>	<i>84</i>	<i>797</i>	<i>564</i>	<i>95</i>	<i>412</i>	
5 Per cent of increase, 1899-1909.....			148.8		68.3			
LAND AND FARM AREA								
6 Approximate land area..... acres.....	2,477,440	1,262,720	1,995,520	9,644,800	1,441,280	3,436,800	3,621,760	6,364,800
7 Land in farms..... acres.....	349,299	236,279	507,636	626,679	95,540	814,011	208,385	2,343,647
8 Improved land in farms..... acres.....	39,700	32,741	4,220	23,309	21,038	72,630	20,098	623,384
9 Acreage irrigated in 1909.....	18,259	10,180	3,637	14,289	41,486	6,315	30,302	758
10 Per cent of total land area.....	0.7	1.3	0.2	0.1	2.9	0.2	0.8	
11 Per cent of land in farms.....	5.2	6.8	0.7	2.3	43.4	0.8	14.5	(²)
12 Per cent of improved land in farms.....	46.0	49.4	86.2	61.3	197.2	8.7	150.8	0.1
13 <i>Acreage irrigated in 1899</i>	(¹)	<i>8,249</i>	<i>2,648</i>	<i>10,567</i>	<i>11,853</i>	<i>6,479</i>	<i>6,941</i>	
14 Per cent of increase, 1899-1909.....			37.3		250.0			
15 Acreage enterprises were capable of irrigating in 1910.....	21,791	16,707	5,959	22,532	44,395	8,766	51,948	2,794
16 Acreage included in projects.....	37,136	51,758	10,426	41,760	60,426	30,167	74,814	12,686
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS								
CLASSIFIED BY CHARACTER OF ENTERPRISE.								
17 U. S. Reclamation Service, irrigated in 1909.....								
18 Enterprises were capable of irrigating in 1910.....								
19 Included in projects.....								
20 U. S. Indian Service, irrigated in 1909.....	8,500	2,110			2,636		1,616	
21 Enterprises were capable of irrigating in 1910.....	8,500	2,110			2,636		1,616	
22 Included in projects.....	8,500	2,110			2,636		1,616	
23 Carey Act enterprises, irrigated in 1909.....								
24 Enterprises were capable of irrigating in 1910.....								
25 Included in projects.....								
26 Irrigation districts, irrigated in 1909.....								
27 Enterprises were capable of irrigating in 1910.....								
28 Included in projects.....								
29 Cooperative enterprises, irrigated in 1909.....	8,072	13,083	2,640	11,263	33,040	1,600	25,098	
30 Enterprises were capable of irrigating in 1910.....	10,607	13,342	4,690	18,732	35,436	1,600	41,521	2,000
31 Included in projects.....	17,583	16,707	8,695	36,991	40,596	2,080	55,206	10,000
32 Commercial enterprises, irrigated in 1909.....		90			1,000	230		
33 Enterprises were capable of irrigating in 1910.....		90			1,000	1,200		
34 Included in projects.....	5,000	31,090			10,000	1,200		
35 Individual and partnership enterprises, irrigated in 1909.....	1,687	897	997	3,026	4,804	4,485	3,588	758
36 Enterprises were capable of irrigating in 1910.....	2,684	1,165	1,269	3,800	5,823	5,966	8,811	794
37 Included in projects.....	6,053	1,851	1,731	4,769	7,194	26,827	17,992	2,686
ACREAGE IRRIGATED								
CLASSIFIED BY SOURCE OF WATER SUPPLY.								
38 Supplied from streams.....	18,259	15,810	2,958	14,092	41,103	6,248	29,935	52
39 By gravity.....	18,259	15,740	2,958	14,078	41,103	6,248	29,935	52
40 By pumping.....		70		14				
41 Supplied from lakes.....								
42 By gravity.....								
43 By pumping.....								
44 Supplied from wells.....		23	8	8		27	2	104
45 Flowing.....						1		
46 By pumping.....		23	8	8		26	2	104
47 Supplied from springs.....		182	671	189	143	10	365	1
48 Supplied from reservoirs.....		165			240	30		601
49 Total acreage supplied by pumping.....		93	8	22		26	2	104
IRRIGATION ENTERPRISES								
50 Independent enterprises..... number.....	92	122	63	90	205	43	62	32
51 <i>Number in 1899</i>	(¹)	<i>93</i>	<i>31</i>	<i>53</i>	<i>69</i>	<i>32</i>	<i>44</i>	
52 Per cent of increase, 1899-1910.....			103.2		197.1			
53 Main ditches..... number.....	100	141	57	89	238	48	64	10
54 <i>Number in 1899</i>	(¹)	<i>93</i>	<i>31</i>	<i>53</i>	<i>69</i>	<i>32</i>	<i>44</i>	
55 Per cent of increase, 1899-1910.....			83.9		244.9			
56 Length..... miles.....	290	229	84	242	343	95	334	11
57 <i>Length in 1899</i>	(¹)	<i>107</i>	<i>69</i>	<i>160</i>	<i>108</i>	<i>76</i>	<i>120</i>	
58 Per cent of increase, 1899-1910.....			21.7		217.6			
59 Capacity..... cubic feet per second.....	842	853	149	991	1,513	452	2,105	12
60 Laterals..... number.....	59	42	6	69	160	114	265	
61 Length..... miles.....	29	28	6	63	105	31	111	
62 Reservoirs..... number.....	22	41	9	12	11	25	8	14
63 Capacity..... acre-feet.....	241	75,451	104	24	327	1,324	14	32
64 Flowing wells..... number.....						1		
65 Capacity..... gallons per minute.....						4		
66 Pumped wells..... number.....	8	4	3	2	2	2	2	95
67 Capacity..... gallons per minute.....	1,026	140	208	609	50	50	70,564	
68 Pumping plants..... number.....	10	4	4	2	1	1	27	
69 Engine capacity..... horsepower.....	107	10	10	8	2	2	1,543	
70 Pump capacity..... gallons per minute.....	1,710	140	298	609	50	50	70,564	
COST								
71 Cost of enterprises up to July 1, 1910 ⁶ dollars.....	138,371	123,834	19,089	187,682	190,940	70,925	254,063	356,284
72 <i>Cost in 1899</i>	(¹)	<i>46,458</i>	<i>21,850</i>	<i>48,492</i>	<i>21,000</i>	<i>29,055</i>	<i>100,120</i>	
73 Per cent of increase, 1899-1910.....			12.6		809.2			
74 Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	6.35	7.41	3.20	8.33	4.30	8.09	4.89	127.52
75 <i>Average cost per acre irrigated in 1899</i>	(¹)	<i>5.69</i>	<i>8.25</i>	<i>4.59</i>	<i>1.77</i>	<i>4.48</i>	<i>14.42</i>	
76 Estimated final cost of existing enterprises ⁶ dollars.....	138,371	347,056	19,089	301,582	190,940	70,981	254,063	356,284
77 Average per acre included in projects..... dollars.....	3.73	6.71	1.83	7.22	3.16	2.36	3.40	28.08
OPERATION AND MAINTENANCE								
78 Acreage for which cost is reported.....	8,072	13,083	2,640	11,263	33,046	1,830	24,530	
79 Total cost reported..... dollars.....	20,949	8,988	6,529	31,277	14,108	550	57,124	
80 Average per acre for which cost is reported..... dollars.....	26.0	0.69	2.47	2.78	0.43	0.30	2.33	
81 <i>Average cost per acre in 1899</i> ⁷								
82 Per cent of increase 1899-1909.....								

⁶ County figures are exclusive of statistics for Indian reservations.

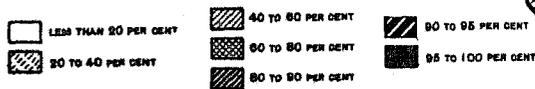
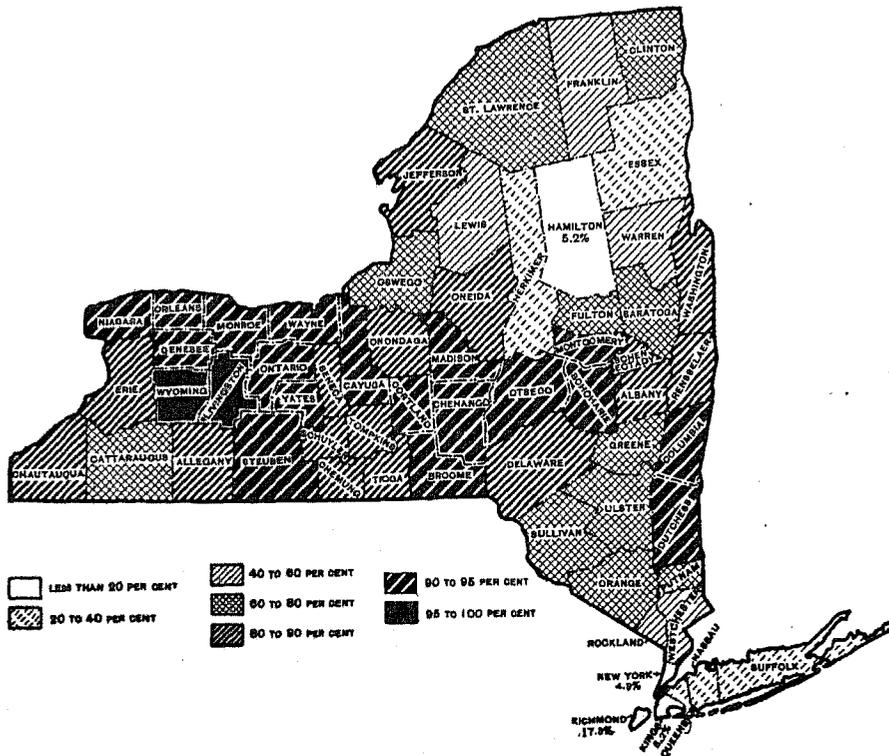
⁷ Not reported by counties.

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

PER CENT OF LAND AREA IN FARMS.

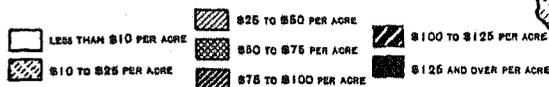
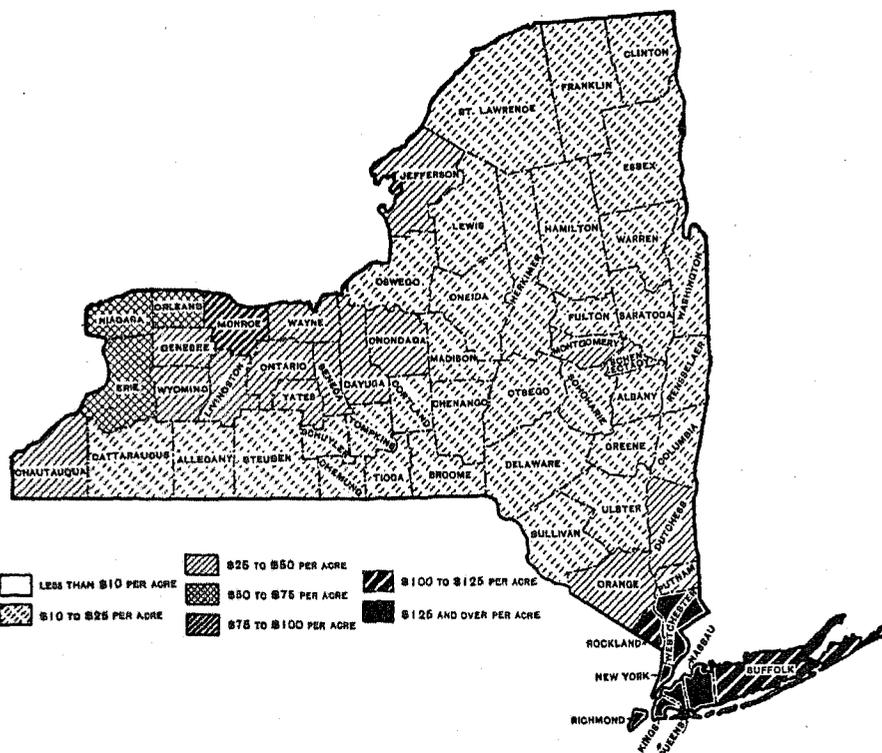
[Per cent for the state, 72.2.]

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, \$32.13.]



NEW YORK.

FARMS AND FARM PROPERTY.

New York ranks first in population and twenty-ninth in land area among the states and territories of continental United States. The state occupies a portion of the great plateau which slopes to the west and north from the Appalachian Ranges. In its eastern section it is also crossed by the continuation of these ranges, while the Adirondack Mountains constitute an independent mountainous mass in the northern part of the state. Long Island comprises a narrow portion of the Coastal Plain section, which is more broadly developed in the states south of New York. Of the entire area of the state, about one-twentieth—most of which is on Long Island—lies below an altitude of 100 feet above sea level. Four-fifths of the state lies between elevations of 100 feet and 1,500 feet. It is only the higher portions of the plateau and the mountainous altitudes of the Adirondacks and Catskills which rise above 2,000 feet, while the maximum altitude, which is in excess of 5,000 feet, is found only in the case of a few Adirondack peaks.

The soils of Long Island consist of stony loams and sandy loams along the glacial moraines forming the northern and central portions of the highland, while the remainder of this area, sloping from the moraines down to sea level, consists chiefly of loams, sandy loams, and sands deposited as glacial outwash. All of these soils are well fitted for market gardening and the production of fruits. The eastern portion of the state along the New England border, together with the Adirondack Mountain mass, consists chiefly of glaciated crystalline rocks, large portions of the surface of which have been swept bare of all soil covering at the greater altitudes and upon the steeper slopes, while the included valleys and the gentler slopes are mantled by stony loams, loams, and sandy loams of glacial origin.

Practically all of the southern portion of New York state west of the Hudson River, together with a broad belt surrounding the foothills of the Adirondacks, consists of the glaciated sandstones, shales, and limestones of the Appalachian Plateau. The altitudes, aside from low-lying valleys, range from about 1,000 feet to approximately 2,200 feet above sea level. The upland soils are principally stony loams and shale loams, with clay loams or sandy loams of minor extent.

A small area in the southwestern portion of New York state contains soils of the unglaciated Appalachian Plateau. This area is rough, rugged, and deeply dissected. The glacial lake deposits occupy all of the lower altitudes along Lakes Erie, Ontario, and Champlain, and form considerable borders along the St. Lawrence, Mohawk, and Hudson Rivers. These soils comprise heavy clays, clay loams, loams, sandy loams, and gravelly loams in great variety.

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.

The percentage of land in farms varies widely in the different counties, but the most common proportion is from 90 to 95 per cent, that being the amount of land in farms in 18 counties. These counties are mainly in the center of the state and along the southern shore of Lake Ontario. That proportion of land in farms is exceeded by only 2 counties, Wyoming and Livingston, both of which have more than 95 per cent. Sixteen counties have from 80 to 90 per cent of their land in farms, and almost all of these are contiguous to counties for which the proportion is from 90 to 95 per cent. The counties having less than 80 per cent of their land in farms include those on Long Island, those along the western bank of the Hudson, with the exception of Albany County, and those in the Adirondack region.

For the state as a whole the average value of farm land per acre is \$32.13. In a large majority of the counties the average value of farm land per acre is from \$10 to \$25, while in no county is farm land valued at less than \$10 per acre. Most of the counties showing an average of from \$10 to \$25 are located in the eastern half of the state. In the western half 11 counties show an average of \$25 to \$50 per acre, 3 an average of \$50 to \$75, while in 1, Monroe, it is between \$75 and \$100. In 5 counties in the eastern half of the state the average value is from \$25 to \$50, 2 of these lying in the east central part and 3 in the southeastern part. In the 6 counties in the southeastern corner of the state which, as shown on the map, report an average value per acre of over \$125, the average value of land reported as used for agriculture is extremely high, ranging from \$298 in Westchester County to \$2,591 in Kings County. These exceptional values are due to the fact that 4 of these counties lie within the boundaries of New York City, while the remaining 2 are adjacent to that city.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 the population of the state increased 25.4 per cent, while the number of farms decreased 4.9 per cent. During the same period the total farm acreage and the acreage of improved land decreased, the former 2.7 per cent and the latter 4.8 per cent.

The total value of farm property, which includes that of land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), is \$1,451,481,000, an increase of 35.7 per cent since 1900. Land alone increased in value 28.4 per cent, compared with an increase of 41.6 per cent in the value of build-

ings, 45.8 per cent in that of live stock, and 49.3 per cent in that 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 all property per farm increased 42.7 per cent during

the decade. The average value per acre of land alone rose from \$24.34 in 1900 to \$32.13 in 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. ¹	
			Amount.	Per cent.
Population.....	9, 113, 614	7, 268, 894	1, 844, 720	25. 4
Number of all farms.....	215, 597	226, 720	-11, 123	-4. 9
Approximate land area of the state..... acres.....	30, 498, 560	30, 498, 560	.....	.....
Land in farms..... acres.....	22, 030, 367	22, 648, 109	-617, 742	-2. 7
Improved land in farms..... acres.....	14, 844, 039	15, 599, 986	-755, 947	-4. 8
Average acres per farm.....	102. 2	99. 9	2. 3	2. 3
Value of farm property: Total.....	\$1, 451, 481, 495	\$1, 069, 723, 895	\$381, 757, 600	35. 7
Land.....	707, 747, 828	551, 174, 220	156, 573, 608	28. 4
Buildings.....	476, 998, 001	336, 959, 960	140, 038, 041	41. 6
Implements and machinery.....	83, 644, 822	56, 006, 000	27, 638, 822	49. 3
Domestic animals, poultry, and bees....	183, 090, 844	125, 583, 715	57, 507, 129	45. 8
Average value of all property per farm.....	\$6, 732	\$4, 718	\$2, 014	42. 7
Average value of land per acre.....	\$32. 13	\$24. 34	\$7. 79	32. 0

¹ A minus sign (-) denotes decrease.

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

CENSUS YEAR.	Popula- tion.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im- proved.
		Number.	Per cent of in- crease. ¹	All land.		Improved land (acres).		
				Acres.	Per cent of in- crease. ¹			
1910....	9, 113, 614	215, 597	-4. 9	22, 030, 367	-2. 7	14, 844, 039	72. 2	67. 4
1900....	7, 268, 894	226, 720	0. 2	22, 648, 109	3. 1	15, 599, 986	74. 3	68. 9
1890....	6, 013, 174	226, 223	-0. 2	21, 961, 562	-7. 6	16, 359, 380	72. 0	74. 0
1880....	5, 082, 871	241, 058	11. 5	23, 780, 754	7. 2	17, 717, 862	78. 0	74. 5
1870....	4, 322, 759	216, 253	9. 8	22, 190, 810	5. 8	15, 627, 206	72. 8	70. 4
1860....	3, 890, 735	196, 990	15. 5	20, 974, 958	9. 7	14, 358, 403	68. 8	68. 5
1850....	3, 097, 394	170, 621	.....	19, 119, 084	.....	12, 408, 964	62. 7	64. 9

¹ A minus sign (-) denotes decrease.

During the last 60 years the population of the state has increased continuously from 3,097,394 in 1850 to 9,113,614 in 1910, or nearly trebled. The increase was remarkably uniform from 1850 to 1890, since which time it has been more rapid, exceeding in two decades the increase of the preceding four decades.

The number of farms is 215,597, compared with 226,720 in 1900, 226,223 in 1890, and 241,058 in 1880. It may be noted that with the exception of the slight increase between 1890 and 1900 the number has decreased since 1880. The decrease during the last dec-

ade has been at the rate of 1,112 per year, compared with a decrease of 1,484 per year between 1880 and 1890. In 1850 the number was 170,621; from then until 1880 it increased continuously at a rate averaging 2,348 per year.

The land surface of New York is approximately 30,498,560 acres. Of this area, 22,030,367 acres, or 72.2 per cent, are included in farms, compared with 74.3 per cent in 1900 and 72 per cent in 1890. Between 1850 and 1880 the farm acreage constituted an increasing proportion of the total land area, increasing from 62.7 per cent in 1850 to 78 per cent in 1880.

The improved acreage has decreased continuously since 1880, being 14,844,039 in 1910, as compared with 15,599,986 acres in 1900, 16,389,380 acres in 1890, and 17,717,862 acres in 1880. During the last decade the improved acreage decreased relatively more than the total acreage; between 1890 and 1900 the total acreage increased, notwithstanding a decrease in improved acreage. Hence, for the 20 years the proportion improved has decreased, the decrease being from 74.6 per cent in 1890 to 68.9 per cent in 1900 and 67.4 per cent in 1910. For the first 30 years covered by the table both the improved and the total acreage increased continuously, the improved from 12,408,964 in 1850 to 17,717,862 in 1880, and the total acreage from 19,119,084 to 23,780,754. Because of the greater relative increase in the improved than in the total farm acreage, the proportion improved, which was 64.9 per cent in 1850, had risen to 74.5 per cent in 1880.

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

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase.	Value.	Per cent of increase. ¹
1910.....	\$1,451,481,495	35.7	\$1,184,745,829	33.4	\$83,644,822	49.3	\$183,090,844	45.8
1900.....	1,069,723,895	—6.1	888,134,180	—8.3	56,005,000	20.0	125,583,715	0.9
1890.....	1,138,310,716	—6.4	968,127,286	—8.3	46,659,465	9.5	124,523,965	5.6
1880.....	1,216,037,765	1.7	1,056,176,741	3.7	42,592,741	15.7	117,568,289	—16.2
1870 ²	1,195,790,552	27.7	1,018,286,213	26.8	36,788,170	25.2	140,706,169	35.5
1860.....	936,366,584	44.0	803,343,503	44.9	29,186,665	32.1	103,856,296	41.2
1850.....	650,202,067	.....	554,546,642	.....	22,084,926	.....	73,570,499	.....

¹ A minus sign (—) denotes decrease.
² Computed gold values, being 80 per cent of the currency values reported.

The total wealth of the state in the form of farm property increased continuously from \$650,202,000 in 1850 to \$1,216,638,000 in 1880, this increase resulting from a steady gain in the value of each item, except that in the decade 1870–1880 the value of live stock declined from \$140,706,000 to \$117,868,000, or 16.2 per cent. In the last 30 years the total value of farm property and the value of land and buildings have fluctuated, decreasing in the two decades following 1880 and attaining their maximum proportions in the last decade. The values of implements and machinery and of live stock have continuously advanced during the last 30 years.

The proportion which land and buildings contributed to the total value continuously decreased during the last 30 years, the decrease being from 86.8 per cent in 1880 to 81.6 per cent in 1910. The proportions for the other two classes increased continuously, that for live stock from 9.7 per cent to 12.6 per cent, and that for implements and machinery from 3.5 per cent to 5.8 per cent.

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

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910.....	102.2	\$6,732	\$5,495	\$388	\$949	\$53.78
1900.....	99.9	4,718	3,917	247	554	39.21
1890.....	97.1	5,036	4,280	200	550	44.08
1880.....	98.7	5,047	4,381	177	489	44.41
1870 ²	102.0	5,530	4,709	170	651	45.89
1860.....	106.5	4,753	4,078	148	527	38.30
1850.....	112.1	3,811	3,250	129	431	29.00

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

The average size of the New York farm is 102.2 acres, an increase over 1900, 1890, and 1880, when the figures were 99.9, 97.1, and 98.7 acres, respectively. The average size in 1850 was 112.1 acres, and from that year it continuously decreased for 40 years.

The average value of a New York farm, including equipment, is \$6,732, compared with \$4,718 in 1900 and \$5,036 in 1890. The average value of land and buildings per farm is \$5,495, an increase of \$1,578 since 1900, and a net increase of \$1,215 since 1890. The value of land and buildings per acre increased from \$29 in 1850 to \$45.89 in 1870, from which time it decreased steadily to \$39.21 in 1900. In 1910, however, it attained its maximum figure, \$53.78. The average value per farm of farm equipment, which includes implements and machinery and live stock, has more than doubled since 1850.

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

TENURE.	1910	1900	1890	1880
Number of all farms.....	215,597	226,720	226,223	241,058
Farms operated by owners and managers.....	170,726	172,517	180,472	201,186
Farms consisting of owned land only.....	152,343	155,201	(1)	(1)
Farms consisting of owned and hired land.....	14,331	13,497	(1)	(1)
Farms operated by managers.....	4,051	3,819	(1)	(1)
Farms operated by tenants.....	44,872	54,203	45,751	39,872
Share tenants.....	23,086	29,900	26,026	21,748
Share-cash tenants ²	1,013			
Cash tenants.....	18,519	24,303	19,725	18,124
Tenure not specified ³	2,254			
Per cent of farms operated by—				
Owners and managers.....	79.2	76.1	79.8	83.5
Tenants.....	20.8	23.9	20.2	16.5
Share and share-cash.....	11.2	13.2	11.5	9.0
Cash and nonspecified.....	9.0	10.7	8.7	7.5

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

The number of all farms, and therefore of all farm operators, is 215,597. Of the farm operators, 166,674 are classified as owners, 4,051 as managers, and 44,872 as tenants. Of the owners, 152,343 operate exclusively land owned by them, while 14,331 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 23,086 are share tenants, 1,013 share-cash tenants, 18,519 cash tenants, while for 2,254 no report relative to character of tenure was secured.

During the past decade the number of tenant farms has fallen from 54,203 to 44,872, a decrease of 9,331, or 17.2 per cent. In 1880 about one farm in every six was in the hands of a tenant; in 1890 the proportion was about one in every five; in 1900 nearly one in every four; and in 1910 a little over one in every five, a decrease to about the same proportion as in 1890. This decrease during the last decade is a part of a general decrease occurring in all of the New England and Middle Atlantic states. The proportion of tenant farms in New York (20.8 per cent) is slightly greater than the combined average for the two divisions just mentioned (18.2 per cent), but is much lower than the average for the United States as a whole (37 per cent). For the sake of comparison with the figures of the pre-

ceding census years, the share-cash tenants of 1910 have been grouped with the share tenants and the nonspecified tenants with the cash tenants. At each census from 1880 to 1910 the share and share-cash group has represented a somewhat greater proportion of all tenant farms than has the cash and nonspecified group.

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

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total	22,030,367	22,648,109	14,844,039	15,599,986	\$1,184,745,829	\$888,134,180
Owners.....	15,824,849	15,815,967	10,000,157	10,781,094	797,712,574	590,425,050
Managers....	878,476	712,430	431,090	392,399	89,015,230	49,520,450
Tenants.....	5,367,051	6,119,706	3,805,946	4,426,613	298,018,035	248,188,680

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.....	77.3	74.4	71.8	69.8	71.4	69.1	67.3	66.5
Managers....	1.9	1.7	3.8	3.1	2.9	2.5	7.5	5.6
Tenants.....	20.8	23.9	24.4	27.0	25.6	28.4	25.2	27.9

It will be seen that, in 1910, 71.8 per cent of all land in farms was in farms operated by their owners (including part owners), 3.8 per cent in farms operated by managers, and 24.4 per cent in farms operated by tenants, the percentages for owners and for managers being higher and that for tenants lower than in 1900.

As shown by the table below, the average size of farms operated by managers in 1910 (207 acres) was very much greater than that of farms operated by tenants (119.6 acres), which was in turn considerably larger than that of farms operated by owners (94.9 acres). The average size of farms in each of the three classes increased between 1900 and 1910, the increase being most pronounced in farms operated by managers. In 1910 the percentage of farm land improved was highest for farms operated by tenants, and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		PER CENT OF FARM LAND IMPROVED.		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total	102.2	99.9	68.8	68.8	67.4	68.9	\$5,495	\$3,917	\$53.78	\$39.21
Owners.....	94.9	93.8	63.6	63.9	67.0	68.2	4,740	3,500	50.41	37.33
Managers....	207.0	186.5	106.6	102.7	51.5	55.1	21,874	12,967	106.16	69.51
Tenants.....	119.6	112.9	84.8	81.7	70.9	72.3	6,642	4,579	55.53	40.56

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

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

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total	166,674		170,603		174,652	
Free from mortgage.....	93,118	56.3	89,655	53.7	97,509	55.8
Mortgaged.....	72,311	43.7	77,164	46.3	77,143	44.2
Unknown.....	1,245		3,784			

¹ Includes all farms owned in whole or in part by the operator.
² The 1,636 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

In 1910 the total number of farms owned in whole or in part by the operators was 166,674. Of this number 93,118 were reported as free from mortgage; 72,311 were reported as mortgaged; and for 1,245 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 43.7 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is somewhat lower than it was in 1900, and slightly lower than in 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that the number of mortgaged farms is less in 1910 than in 1900 and 1890, and that the number free of mortgage decreased between 1890 and 1900, but increased during the last decade.

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 72,311 farms reported as mortgaged, 65,239 are wholly owned by the farmers, and for 62,555 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. ¹	
	1910 ²	1890 ³	Amount.	Per cent.
Number.....	62,555	77,143		
Value—Land and buildings....	\$284,659,163	\$309,352,398		
Amount of mortgage debt.....	\$97,309,848	\$134,960,703		
Per cent of debt to value.....	34.2	43.6		
Average value per farm.....	\$4,551	\$4,010	\$541	13.5
Average debt per farm.....	\$1,556	\$1,749	-\$193	-11.0
Average equity per farm.....	\$2,995	\$2,261	\$734	32.5

¹ A minus sign (-) denotes decrease.
² Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.
³ 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 has decreased in the last 20 years from \$1,749 to \$1,556, or 11 per cent, while the average value of such farms increased from \$4,010 to \$4,551, or 13.5 per cent. Thus the owner's equity increased on the average from \$2,261 to \$2,995, or 32.5 per cent. As a result of the greater relative decrease in farm debt than in farm value, the mortgage indebtedness, which was 43.6 per cent of the value of the farm in 1890, has decreased to 34.2 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. ¹		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900 ²
Total.....	215,597	226,720	-11,123	-4.9	100.0	100.0
Under 3 acres.....	1,424	2,971	-1,547	-52.1	0.7	1.3
3 to 9 acres.....	17,231	13,789	3,442	25.0	8.0	6.1
10 to 19 acres.....	15,533	16,782	-249	-1.6	7.2	7.0
20 to 49 acres.....	31,047	35,123	-4,076	-11.6	14.4	15.5
50 to 99 acres.....	56,821	63,789	-6,968	-10.9	26.4	28.1
100 to 174 acres.....	61,031	63,846	-2,815	-4.4	28.3	28.2
175 to 259 acres.....	21,901	21,335	566	2.7	10.2	9.4
260 to 499 acres.....	9,262	8,728	534	6.1	4.3	3.8
500 to 999 acres.....	1,104	1,109	-5	-0.5	0.5	0.5
1,000 acres and over.....	243	248	-5	-2.0	0.1	0.1

¹ A minus sign (-) denotes decrease.

Of the farms in New York, those from 100 to 174 acres in size form 28.3 per cent of the total number; those from 50 to 99 acres, 26.4 per cent; and those from 20 to 49 acres, 14.4 per cent. Hence the combined number of farms in these three groups is more than two-thirds of the total number of farms. Each of these groups decreased in number during the decade, their combined decrease amounting to 13,859, compared with a decrease of 11,123 in the total number.

The large decreases in these three groups were partially offset by an increase of 3,442, or 25 per cent, in the "3 to 9 acres" group; considerably smaller increases occurred in the "175 to 259 acres" group and in the "260 to 499 acres" group. The "10 to 19 acres" group decreased by 249, or 1.6 per cent, forming 7.2 per cent of the total number of farms in 1910. The "500 to 999 acres" group and the "1,000 acres and over" group each decreased by five farms during the decade; these two groups together represented less than 1 per cent of the total number of farms both in 1910 and in 1900.

The number of places under 3 acres reported as farms is less than one-half as great as it was 10 years ago. This decrease may result from a different interpretation by the enumerators as to what constitutes a small farm or may represent an actual decrease in that type of farm. It may be noted that the farms of over 100 acres and those of from 3 to 19 acres constituted a larger proportion of the total number of farms in 1910 than in 1900, and farms of from 20 to 99 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 34,188), and also the farms of between 175 and 499 acres (numbering 31,163):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	22,030,367	22,648,109	14,844,039	15,599,986	\$1,184,745,829	\$888,134,180
Under 20 acres.....	307,382	307,521	267,909	271,302	108,033,214	69,384,810
20 to 49 acres.....	1,028,991	1,180,411	801,480	945,839	129,618,019	93,991,780
50 to 99 acres.....	4,068,580	4,551,108	3,053,725	3,443,059	264,212,934	208,064,900
100 to 174 acres.....	7,894,307	8,157,512	5,540,335	5,860,855	360,162,667	274,630,680
175 to 499 acres.....	7,550,324	7,243,784	4,740,402	4,670,801	277,308,685	212,300,610
500 to 999 acres.....	685,006	690,692	316,532	307,345	27,143,232	19,396,030
1,000 acres and over.....	584,897	517,081	117,656	100,785	17,667,078	9,465,310

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.....	15.9	14.4	1.4	1.4	1.8	1.7	9.2	7.8
20 to 49 acres.....	14.4	15.5	4.7	5.2	5.4	6.1	10.9	10.6
50 to 99 acres.....	26.4	28.1	18.5	20.1	20.6	22.1	22.3	23.5
100 to 174 acres.....	28.3	28.2	35.4	36.0	37.3	37.6	30.4	30.9
175 to 499 acres.....	14.5	13.3	34.3	32.0	32.0	29.9	23.4	23.9
500 to 999 acres.....	0.5	0.5	3.1	3.0	2.1	2.0	2.3	2.2
1,000 acres and over.....	0.1	0.1	2.7	2.3	0.8	0.6	1.5	1.1

Of the total farm acreage of the state in 1910, 35.4 per cent was in farms of 100 to 174 acres, and 34.3 per cent in farms of 175 to 499 acres, those two being from the standpoint of aggregate acreage the most important size groups. Between 1900 and 1910 there was

an increase in the proportion of the total acreage contained in farms in each size group of not less than 175 acres; and a decrease in the proportion in farms of every smaller size group, except that of farms of less than 20 acres, which remained the same.

In general, as shown by the table below, 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 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. Many of the small farms in New York are primarily places of residence of wealthy persons, with expensive buildings, and many others are highly improved truck farms.

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.....	67.4	68.9	\$5,495	\$3,917	\$53.78	\$39.21
Under 20 acres.....	87.2	88.2	3,178	2,132	353.44	225.63
20 to 49 acres.....	77.9	80.1	4,175	2,676	125.97	79.63
50 to 99 acres.....	75.1	75.7	4,650	3,276	64.94	45.92
100 to 174 acres.....	71.0	71.8	5,901	4,301	46.15	33.67
175 to 499 acres.....	62.9	64.5	8,899	7,062	36.73	29.31
500 to 999 acres.....	46.1	44.5	24,580	17,490	39.57	28.08
1,000 acres and over.....	26.1	19.5	72,704	38,167	30.21	18.31

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the

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 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, 201,295, or 93.4 per cent, report domestic animals of some kind, the number without any domestic animals being 14,302.

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

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Owners.	Tenants.	Managers.
Total.....	215,597	100.0	166,674	44,872	4,051	77.3	20.8	1.9
Native white.....	187,639	87.0	144,850	39,389	3,390	77.2	21.0	1.8
Foreign-born white.....	27,029	12.5	21,016	5,366	647	77.8	19.9	2.4
Negro and other nonwhite.....	939	0.4	808	117	14	86.0	12.5	1.5

Of the farmers in New York, 87 per cent were native whites and 12.5 per cent foreign-born whites. Only 939, or four-tenths of 1 per cent, were other than white, 635 being Indians, 295 negroes, 5 Japanese, and 4 Chinese. The proportion of tenancy was about the same among the native white as among the foreign-born white farmers, being 21 per cent for the former, as compared with 19.9 per cent for the latter.

Of the 27,029 foreign-born white farmers in New York in 1910, 8,551 were born in Germany; 4,770 in Ireland; 3,710 in England; 3,414 in Canada; 978 in Holland; 917 in Russia; 825 in Italy; 785 in Sweden; 585 in Austria; 491 in Scotland; 424 in Switzerland; 404 in Wales; 308 in Denmark; and 291 in France. Other European countries were represented by a total of 520 farmers, and non-European countries, other than Canada, by 56.

Cattle are reported by 86.1 per cent of all farms, "dairy cows" by 85.4 per cent, and "other cows" by 19.7 per cent. The average number of "dairy cows" per farm reporting is over eight. The average value of "dairy cows" increased from \$32.43 to \$45.78, and that of "other cows" only from \$24.31 to \$27.01.

Although the number of cows increased 47,981, the number of calves decreased 68,811, due largely to the change in the date of enumeration. 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. In spite of the younger age of the calves in 1910, their average value is \$0.15 greater than in 1900. The number of heifers decreased 101,116 and the number of steers and bulls 51,440 during the decade.

Horses are reported by 86.5 per cent of all the farms in the state, but only 9.5 per cent report colts born in 1909 and only 1.5 per cent spring colts. The average value of mature horses is over one and three-fourths that reported in 1900.

Mules are reported by less than 1 per cent of the farms, but the average value of mature mules is considerably higher than that of horses.

Sheep and lambs are reported from 24,854 farms, or 11.5 per cent of all the farms in the state, whereas in 1900 17.9 per cent of all farms reported sheep. Of the farms reporting sheep and lambs, 73.4 per cent report spring lambs, the number of the latter being equal to 57 per cent of the number of ewes. This comparatively small proportion is doubtless due to the early date of enumeration. Ewes are reported on all but 751 of the farms reporting sheep, and for the farms reporting the average is about 24 per farm. Those reporting rams and wethers show an average of only about 4 per farm.

Of all farms, 49.8 per cent report swine and show an average of 6 per farm reporting. On account of the early date of enumeration only 19.3 per cent report spring pigs. The average value of the swine included under the head of "hogs and pigs born before January 1, 1910," is \$12.89.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	201,295	93.4	.....	\$174,530,658	.....
Cattle	185,864	86.1	2,423,003	83,062,242	\$34.28
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	184,024	85.4	1,509,594	60,110,608	45.78
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	42,556	19.7	138,461	3,739,506	27.01
Heifers born in 1909.....	83,358	38.7	234,728	4,186,454	17.84
Calves born after Jan. 1, 1910.....	112,866	52.3	438,329	2,788,121	6.35
Steers and bulls born in 1909.....	37,251	17.3	58,976	1,207,490	20.47
Steers and bulls born before Jan. 1, 1909.....	27,682	12.8	42,015	2,083,063	47.37
Horses	186,435	86.5	591,008	80,043,302	136.44
Mares, stallions, and geldings born before Jan. 1, 1909.....	180,082	86.3	562,310	78,032,682	138.77
Colts born in 1909.....	20,438	9.5	25,083	1,851,349	73.81
Colts born after Jan. 1, 1910.....	3,260	1.5	3,615	159,271	44.06
Mules	1,890	0.9	4,052	850,497	160.54
Mules born before Jan. 1, 1909.....	1,773	0.8	3,840	633,272	164.01
Mule colts born in 1909.....	159	0.1	191	16,345	85.58
Mule colts born after Jan. 1, 1910.....	19	(¹)	21	880	41.90
Asses and burros	190	0.1	284	38,262	134.73
Swine	107,372	49.8	666,179	5,905,272	8.86
Hogs and pigs born before Jan. 1, 1910.....	94,463	43.8	364,375	4,698,066	12.89
Pigs born after Jan. 1, 1910.....	41,623	19.3	301,804	1,207,206	4.00
Sheep	24,854	11.5	930,300	4,839,651	5.20
Ewes born before Jan. 1, 1910.....	24,103	11.2	568,829	3,678,912	6.47
Rams and wethers born before Jan. 1, 1910.....	10,585	4.9	37,290	281,814	7.56
Lambs born after Jan. 1, 1910.....	18,251	8.5	324,181	878,925	2.71
Goats	719	0.3	3,475	21,432	6.17

¹ Less than one-tenth of 1 per cent.

Poultry on farms: 1910 and 1900.—The increase in the number of fowls on New York farms during the last decade amounts to 1,326,424, or 14.2 per cent, while their value increased \$3,569,000, or 82.8 per cent.

The number of farms reporting poultry decreased from 206,389 to 193,141, or 6.4 per cent; thus the average number of fowls per farm reporting increased from 45 to 55. Of the farms reporting poultry, all but 305 report chickens, the total number of the latter being 10,232,000 and their value \$7,311,000. This value is over nine-tenths of the value of all fowls. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

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

KIND.	1910 (April 15)				1900 (June 1)
	Farms reporting.		Number of fowls.	Value.	Number of fowls.
	Number.	Per cent of all farms.			
Total.....	193,141	89.6	10,678,836	\$7,879,388	9,352,412
Chickens.....	192,836	89.4	10,232,498	7,311,027	8,964,736
Turkeys.....	25,004	11.6	104,957	233,842	190,879
Ducks.....	10,003	7.7	164,488	144,086	150,864
Geese.....	7,046	3.5	29,295	57,090	45,933
Guinea fowls.....	8,197	3.8	33,020	21,479	(¹)
Pigeons.....	4,299	2.0	111,954	58,958	(²)
All other.....	67	(³)	2,624	2,936	(⁴)

¹ Included with chickens.

² Not reported.

³ Fifty-three farms report 188 peafowls, valued at \$1,047; 12 farms report 421 pheasants, valued at \$1,359; 1 farm reports 2,000 wild ducks, valued at \$500; 1 farm reports 15 wild geese, valued at \$30.

⁴ Less than one-tenth of 1 per cent.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has decreased from 22,738 in 1900 to 15,259 in 1910, or 32.9 per cent. The number of colonies of bees decreased from 187,208 to 156,360, or 16.5 per cent, while their value increased from \$593,784 to \$646,848, or 8.9 per cent. The average value of bees per farm reporting was \$26.11 in 1900 and \$42.39 in 1910. About seven farms in every hundred report bees.

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

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total.....	111,553	.....	\$63,722,021	.....
All cattle.....	24,428	47,508	2,017,616	\$42.47
Dairy cows.....	23,304	32,225	1,645,743	51.07
Horses.....	96,489	303,250	60,371,030	199.08
Mules.....	565	3,490	726,716	203.23
Asses and burros.....	99	144	15,427	107.13
Swine.....	8,232	32,316	413,497	12.80
Sheep.....	430	23,608	156,874	6.64
Goats.....	1,578	2,523	20,861	8.27

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 two-thirds of which are dairy cows, rank next in importance.

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

The total value of all domestic animals in the state in 1910 was \$238,283,000, of which the value of animals not on farms represented 26.7 per cent. The number of horses not on farms was more than half as great as the number on farms, but in the case of most of the other classes of animals the proportion was much lower.

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Num-ber.	Value.	Num-ber.	Value.	Num-ber.	Value.
Total		\$238,282,679		\$174,560,658		\$63,722,021
All cattle.....	2,470,511	85,079,858	2,423,003	83,062,242	47,508	2,017,616
Dairy cows.....	1,541,819	70,756,351	1,509,594	69,110,608	32,225	1,645,743
Horses.....	894,264	140,414,332	591,008	80,043,302	303,256	60,371,030
Mules.....	7,542	1,377,213	4,052	650,497	3,490	726,716
Asses and burros..	428	53,689	284	38,262	144	15,427
Swine.....	698,495	6,318,709	666,179	5,905,272	32,316	413,437
Sheep.....	953,908	4,906,525	930,300	4,839,651	23,608	156,874
Goats.....	5,998	42,293	3,475	21,432	2,523	20,861

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 comparisons 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.....	184,024	85.4	1,509,594	Head		
On farms reporting dairy products in 1909.....	168,408	78.1	1,439,025	Head		
On farms reporting milk produced in 1909.....	132,204	61.3	1,151,284	Head		
Specified dairy products, 1909:						
Milk reported.....			597,363,198	Gals.		
Butter made.....	85,516	39.7	23,461,702	Lbs..	\$6,268,386	\$0.27
Cheese made.....	522	0.2	390,049	Lbs..	33,195	0.09
Milk sold.....	80,955	37.6	524,279,723	Gals.	60,593,426	0.12
Cream sold.....	2,065	1.0	1,207,174	Gals.	904,502	0.75
Butter fat sold.....	27,231	12.6	36,249,617	Lbs..	10,007,652	0.28
Butter sold.....	38,563	27.2	12,630,113	Lbs..	3,407,122	0.27
Cheese sold.....	332	0.2	334,301	Lbs..	27,113	0.08
Total receipts from sales, 1909					74,939,815	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					77,807,161	
Specified dairy products, 1899:						
Butter made.....	148,394	65.4	74,714,376	Lbs..		
Cheese made.....	1,025	0.5	2,624,552	Lbs..		
Butter sold.....			51,861,592	Lbs..	9,808,446	0.19
Cheese sold.....			2,524,917	Lbs..	241,223	0.10

The number of farms reporting dairy cows on April 15, 1910, was 184,024, but only 168,408 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 132,204 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 1,151,000. The amount of milk reported was 597,363,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 519 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$77,807,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

About seven-eighths of the milk produced in New York 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 was valued at \$6,268,000.

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at

the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows that the amount of butter made in 1909 was less than one-third as great as the amount made in 1899. The production of cheese showed even a greater relative decrease.

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

	Number of farms reporting.	Sheep of shearing age.	WOOL PRODUCED.		
			Fleeces (number).	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910.....	24,268	606,119	.....	.....	.....
Wool produced, as reported, 1909.....	20,707	.....	573,611	3,934,198	\$1,080,318
On farms reporting sheep April 15, 1910.....	19,053	527,077	535,884	3,683,342	1,012,073
On other farms.....	1,654	.....	37,727	250,856	68,245
Total production of wool (partly estimated):					
1909.....			616,247	4,235,707	1,163,840
1899.....			1,038,428	6,074,165	1,387,999
Increase, 1899 to 1909.....			422,181	2,438,458	224,123
Per cent of increase.....			40.7	30.5	16.1

The total number of sheep of shearing age in New York on April 15, 1910, was 606,000, representing a decrease of 38.4 per cent as compared with the number on June 1, 1900 (985,000). The approximate production of wool during 1909 was 616,000 fleeces, weighing 4,236,000 pounds, and valued at \$1,164,000. Of these totals about 7 per cent represents estimates. The number of fleeces produced in 1909 was 40.7 per cent less than in 1899. The average weight per fleece in 1909 was 6.9 pounds, as compared with 6.4 pounds in 1899, and the average value per pound was 27 cents, as compared with 21 cents in 1899.

Goat hair and mohair: 1909 and 1899.—Although 719 farmers reported 3,475 goats and kids on their farms April 15, 1910, only 74 reported the production of goat hair or mohair during 1909. These farmers reported 1,598 fleeces, weighing 5,412 pounds, and valued at \$1,742.

Poultry products: 1909 and 1899.—The total number of fowls on New York farms on April 15,

1910, was 10,679,000. Of the 193,141 farms reporting fowls, 17,863 did not report any eggs produced in 1909 and 26,707 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 67,689,000 dozens, valued at \$16,000,000. According to the Twelfth Census reports, the production of eggs in 1899 was 62,097,000 dozens, the value being \$8,630,000. 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 72,349,000 dozens, valued at \$17,102,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 13,981,000 fowls, valued at \$8,403,000.

The statement below gives data relative to the production and sale of eggs and poultry:

	Number of farms reporting.	Number of fowls on hand.	PRODUCT.	
			Quantity.	Value.
Fowls on farms April 15, 1910.....	193,141	10,678,836	.....	.....
On farms reporting eggs produced in 1909.....	175,273	10,019,712	.....	.....
On other farms.....	17,863	659,124	.....	.....
Eggs produced, as reported, 1909.....	178,427	.....	Dozens. 67,688,879	\$16,000,173
Total production of eggs (partly estimated):				
1909.....			72,349,034	17,101,732
1899.....			62,096,690	8,630,062
Increase, 1899 to 1909.....			10,252,344	8,471,670
Per cent of increase.....			16.5	98.2
Eggs sold, as reported, 1909.....	150,807	.....	48,074,481	11,394,511
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909.....	168,434	9,701,715	.....	.....
On other farms.....	26,707	977,121	.....	.....
Poultry raised, as reported, 1909.....	169,957	.....	No. of fowls. 13,701,540	7,634,267
Total poultry raised (partly estimated):				
1909.....			13,980,792	8,403,162
1899.....			10,161,429	6,161,429
Increase, 1899 to 1909.....			2,241,733	2,241,733
Per cent of increase.....			22.1	36.4
Fowls sold, as reported, 1909.....	107,204	.....	5,806,367	3,766,603

Honey and wax: 1909.—Although, as noted elsewhere, 15,259 farms reported 156,360 colonies of bees on hand April 15, 1910, 4,863 of these farms, with 16,829 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 3,191,733 pounds of honey, valued at \$376,608, and 43,198 pounds of wax, valued at \$13,034; 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

¹ Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 5,215 farmers who reported the possession of 79,042 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.

by New York farmers during the year 1909, with certain items for 1899.

The total value of domestic animals sold during 1909 was \$29,334,000, and that of animals slaughtered on farms \$9,928,000, making an aggregate of \$39,261,000. 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 about 68 per cent of the total value of animals sold.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during 1899, which amounted, respectively, to \$15,026,000 and \$8,320,000. 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.

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$29,333,508	.....
Slaughtered.....				9,927,603	.....
Calves:					
Sold.....	105,706	49.1	814,704	5,348,659	\$6.57
Slaughtered.....	26,604	12.3	212,902	1,045,081	4.91
Other cattle:					
Sold.....	82,443	38.2	451,265	14,651,080	32.47
Slaughtered.....	26,858	12.5	68,793	1,804,285	26.23
Horses:					
Sold.....	20,622	9.6	39,552	4,735,969	119.74
Mules:					
Sold.....	196	0.1	377	53,200	141.11
Asses and burros:					
Sold.....	22	(¹)	77	1,882	24.44
Swine:					
Sold.....	44,582	20.7	407,915	2,610,546	6.40
Slaughtered.....	107,276	49.8	386,264	6,787,517	17.57
Sheep:					
Sold.....	14,765	6.8	403,367	1,926,552	4.78
Slaughtered.....	3,155	1.5	51,277	290,202	5.66
Goats:					
Sold.....	114	0.1	1,085	5,020	5.18
Slaughtered.....	31	(¹)	111	518	4.67
1899—All domestic animals:					
Sold ²				15,025,932	.....
Slaughtered.....				8,319,750	.....

¹ Less than one-tenth of 1 per cent.
² Schedules 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. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$209,168,236	\$149,918,353	\$59,249,883	39.5	100.0	100.0
Crops with acreage reports.....	8,387,731	9,041,199	-653,468	-7.2	56.5	58.0	174,475,689	127,872,299	46,603,390	36.4	83.4	85.3	85.3
Cereals.....	2,602,461	3,125,077	-522,616	-16.7	17.5	20.0	43,099,988	34,284,705	8,815,283	25.7	20.6	22.9	22.9
Other grains and seeds.....	119,782	144,295	-24,433	-16.9	0.8	0.9	3,807,792	2,704,702	1,103,090	40.8	1.8	1.8	1.8
Hay and forage.....	5,049,373	5,154,965	-111,592	-2.2	24.0	33.0	77,360,645	55,237,446	22,123,199	40.1	37.0	36.8	36.8
Tobacco.....	4,169	11,307	-7,138	-63.7	(²)	0.1	402,517	1,172,236	-769,719	-65.7	0.2	0.8	0.8
Hops.....	12,023	27,532	-15,509	-50.3	0.1	0.2	2,597,951	1,600,305	997,646	62.3	1.2	1.1	1.1
Sugar crops.....	1,456	2,067	-611	-29.6	(²)	(²)	64,289	75,858	-11,569	-15.3	(²)	0.1	0.1
Sundry minor crops.....	538	1,230	-692	-56.3	(²)	(²)	57,532	68,063	-10,531	-15.5	(²)	0.1	0.1
Potatoes and sweet potatoes and yams.....	394,432	395,713	-1,281	-0.3	2.7	2.5	20,346,190	15,024,723	5,321,467	35.4	9.7	10.0	10.0
Other vegetables.....	175,402	144,318	31,084	21.5	1.2	0.9	15,963,384	10,656,058	5,307,326	49.8	7.6	7.1	7.1
Flowers and plants and nursery products.....	11,659	9,734	1,925	19.8	0.1	0.1	7,899,906	4,509,780	3,390,126	75.2	3.8	3.0	3.0
Small fruits.....	22,496	25,051	-2,555	-10.2	0.2	0.2	2,875,495	2,533,363	337,132	13.3	1.4	1.7	1.7
Crops with no acreage reports.....							34,692,547	22,046,054	12,646,493	57.4	16.6	14.7	14.7
Seeds.....							161,230	101,938	59,292	58.2	0.1	0.1	0.1
Fruits and nuts.....							22,024,996	* 13,377,105	8,647,891	64.6	10.5	8.9	8.9
Maple sugar and sirup.....							1,240,684	631,180	609,504	96.6	0.6	0.4	0.4
Forest products of farms.....							10,365,651	7,671,108	2,694,543	35.1	5.0	5.1	5.1
Miscellaneous.....							899,958	264,723	635,235	240.0	0.4	0.2	0.2

¹ A minus sign (-) denotes decrease. ² Less than one-tenth of 1 per cent. * Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$209,168,000. Of this amount, 83.4 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like.

The combined acreage of crops for which acreage was reported was 8,387,731, representing 56.5 per cent of the total improved land in farms (14,844,039 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 New York agriculture is indicated by the fact that 37 per cent of the total value of crops in 1909 was contributed by hay and forage, 20.6 per cent by the cereals, and 17.3 per cent by potatoes and other vegetables. The remainder, representing about 25 per cent of the total, consisted mostly of fruits and nuts, of forest products, and of flowers and plants and nursery products.

The total value of crops in 1909 was 39.5 per cent greater than that in 1899, this increase being due in large measure to higher prices. There was a decrease of 7.2 per cent in the total acreage of crops for which acreage was reported, the greatest absolute decreases being those for cereals and for hay and forage, while the acreage of miscellaneous vegetables showed a considerable increase.

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, hops, and sundry minor crops:

CROP.	Farms reporting.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unit.	
Cereals, total.....		2,602,461	69,239,218	Bu...	\$43,099,988
Corn.....	113,797	512,442	18,115,634	Bu...	11,439,160
Oats.....	142,313	1,302,508	34,795,277	Bu...	17,977,155
Wheat, total.....	34,328	289,130	6,664,121	Bu...	7,175,523
Common winter.....	33,116	285,823	6,613,741	Bu...	7,121,215
Common spring.....	1,212	3,307	49,781	Bu...	53,734
Durum or macaroni.....	18	41	599	Bu...	574
Emmer and spelt.....	318	1,382	33,890	Bu...	22,110
Barley.....	18,217	79,956	1,922,808	Bu...	1,316,117
Buckwheat.....	62,601	286,276	5,691,745	Bu...	3,587,558
Rye.....	19,517	136,540	2,010,601	Bu...	1,578,408
Kafir corn and milo maize.....	62	227	5,082	Bu...	3,948
Other grains and seeds with acreage report, total¹.....		119,782	1,753,686	Bu...	3,807,792
Dry edible beans.....	21,181	115,698	1,681,506	Bu...	3,689,064
Flaxseed.....	37	58	400	Bu...	837
Dry peas.....	1,661	4,007	71,486	Bu...	117,558
Seeds with no acreage report, total.....					161,230
Timothy seed.....	389	(²)	4,791	Bu...	10,406
Clover seed.....	864	(²)	10,576	Bu...	72,823
Alfalfa seed.....	22	(²)	247	Bu...	2,479
Millet seed.....	23	(²)	1,925	Bu...	1,787
Other tame grass seed.....	50	(²)	340	Bu...	744
Flower and garden seeds.....	339	(²)	.....	.....	72,991
Hay and forage, total.....	195,654	5,043,373	7,055,429	Tons.	77,360,645
Timothy alone.....	63,343	1,078,358	1,159,083	Tons.	16,944,241
Timothy and clover mixed.....	137,762	2,935,470	3,215,021	Tons.	42,530,142
Clover alone.....	10,963	87,267	114,864	Tons.	1,413,693
Alfalfa.....	7,413	35,343	87,042	Tons.	1,182,246
Millet or Hungarian grass.....	6,087	17,163	31,147	Tons.	333,704
Other tame or cultivated grasses.....	21,862	519,940	412,479	Tons.	5,494,699
Wild, salt, or prairie grasses.....	5,566	62,577	63,034	Tons.	612,353
Grains cut green.....	13,097	47,474	89,294	Tons.	897,458
Coarse forage.....	53,069	259,118	1,876,795	Tons.	7,898,063
Root forage.....	710	663	6,670	Tons.	54,046
Potatoes.....	183,813	394,319	48,597,701	Bu...	20,338,766
Sweet potatoes and yams.....	109	113	10,921	Bu...	7,394
Tobacco.....	1,355	4,109	5,345,035	Lbs...	402,617
Hops.....	2,147	12,023	8,677,138	Lbs...	2,597,981
Sundry minor crops, total³.....		538			57,532
Ginseng.....	78	.....	.....	.....	27,138
Willows.....	41	405	667	Tons.	19,038
Teasels.....	52	110	121,055	Lbs...	10,760

¹ Includes small amounts of soy beans, peanuts, and sunflower seed.
² The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.
³ Includes small amounts of broom corn and mint and mint oil.

The leading crops covered by the table, in the order of their importance, as judged by value, are hay and forage, \$77,361,000; potatoes, \$20,339,000; oats,

\$17,977,000; corn, \$11,439,000; and wheat, \$7,176,000. It should be noted, however, that some of the crops reported elsewhere are more important than corn or wheat.

The total acreage and total value of all cereals combined are somewhat more than one-half as great as those of hay and forage. Among the cereals, oats stand first in both acreage and value, representing about one-half of their total acreage and two-fifths of their total value. Corn and wheat combined comprise about one-third of the total acreage of all cereals and contribute over two-fifths of their total value. Buckwheat, rye, and barley, in the order named, rank fourth, fifth, and sixth in both acreage and value.

Of the hay and forage crops, "timothy and clover mixed" ranks first in both acreage and value, comprising considerably over one-half the entire crop. "Timothy alone" makes up about one-fifth. "Other tame or cultivated grasses" ranks third in acreage and fourth in value, while "coarse forage" is fourth in acreage and third in value.

The acreage of potatoes exceeds that of wheat and is more than three-fourths as great as that of corn, while the value of the potato crop is about three times as great as that of the wheat crop and nearly twice as great as that of the corn crop.

The acreage of dry edible beans is slightly less than one-third as great as that of potatoes and the value of the crop about one-sixth as great. Although the acreage of hops is slightly less than one-sixth as great as that of barley, the value of the crop is nearly twice 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.....	512,442	1,302,508	289,130	286,276	5,043,373	394,319
1899.....	658,652	1,329,763	537,730	289,862	5,154,065	395,640
1889.....	493,320	1,417,371	462,561	280,029	5,245,010	357,464
1879.....	779,272	1,261,171	730,611	291,228	4,644,452	340,536

All of the cereals here noted show decreases in acreage for the last decade. The fluctuations in the acreages of corn and wheat are strikingly similar. Both had their greatest acreage in 1879 and show a large decrease for the decade 1879-1889, a substantial increase during the following decade, and a considerable decrease in the last 10 years, the acreage of wheat falling off nearly 50 per cent.

The minimum acreage of oats and also of hay and forage was reported in 1879 and the maximum in 1889, since which time there has been a steady decrease. The acreage of buckwheat has fluctuated, but not to any considerable degree, the largest (291,228) having been reported in 1879 and the smallest (280,029) 10 years later, while the acreage of 1899 was somewhat

larger than that reported for 1909. The acreage of potatoes increased steadily at each census from 1879 to 1899, but was somewhat smaller in 1909 than at the preceding census.

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

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Per cent of increase in acres. 1899 to 1909. ¹	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899		1909	1909
Corn.....	52.8	65.1	3.5	4.2	-22.2	35.4 Bu.	\$22.33
Oats.....	68.0	70.1	8.8	8.5	-2.0	26.7 Bu.	13.80
Wheat.....	15.9	27.6	1.9	3.6	-48.2	23.0 Bu.	24.82
Barley.....	8.4	8.5	0.5	0.7	-28.4	24.0 Bu.	16.46
Buckwheat.....	29.0	28.6	1.9	1.9	-1.2	19.9 Bu.	12.53
Rye.....	9.1	12.4	0.9	1.1	-26.4	15.4 Bu.	12.09
Hay and forage.....	90.8	92.9	34.0	33.0	-2.2	1.40 Tons.	15.34
Potatoes.....	85.3	86.0	2.7	2.5	-0.3	123.2 Bu.	51.58

¹ A minus sign (-) denotes decrease.

Out of every 100 farms, 91 report hay and forage; 85, potatoes; 66, oats; 53, corn; 29, buckwheat; 16, wheat; 9, rye; and 8, barley. With the exception of that for buckwheat, all of these percentages are smaller than in 1899.

The eight crops included in the above table cover about 54 per cent of the total acreage of improved land in the state. Hay and forage occupied 34 per cent of the total improved land in 1909, as compared with 33 per cent in 1899. Oats, hay and forage, and potatoes show increases in the proportion of improved land occupied, and corn, wheat, barley, and rye decreases; while the proportion for buckwheat remains the same. During the decade the decrease in the total acreage of the cereals was 522,616, or 16.7 per cent; and the decrease in that of hay and forage, 111,592, or 2.2 per cent.

The average yield per acre of corn is exaggerated to a slight extent, because some enumerators reported baskets of ear corn as bushels of corn. On this account the figures here given may be revised in later census reports.

The average value per acre of all cereals combined is \$16.56, corn and wheat being above this average, and oats, barley, buckwheat, and rye below it. The average value per acre of hay and forage is slightly below that of all cereals combined, and less than one-third as great as that of potatoes.

Every county, with the exception of Washington, shows a substantial decrease in the acreage of corn. Nearly one-fourth of the acreage of this crop is reported by a group of six counties situated slightly to the west of the center of the state—Wayne, Cayuga, Monroe, Onondaga, Ontario, and Seneca. The largest acreages of oats are reported from the stretch of counties along Lake Ontario and the St. Lawrence River. Though

a slight but general decrease in the acreage of this crop is shown for the state as a whole, more than one-fourth of the counties—the greater number of which are situated in the western half of the state—report increases. Marked decreases in the acreage of wheat are reported by every county, with the insignificant exception of Richmond. The largest decreases occurred in the western half of the state. Six counties—Monroe, Genesee, Niagara, Orleans, Livingston, and Erie—forming a group in the northwestern corner of the state, report more than one-half the total acreage of wheat. Buckwheat shows decreases in acreage as a rule throughout the state. Increases, however, are reported for an irregular stretch of counties extending across the middle of the state, and in one county in the northwestern part. Almost double the acreage of buckwheat reported for any other county is recorded for Steuben. For rye, three counties—Albany, Columbia, and Rensselaer—forming a group on the eastern boundary, report nearly one-third of the total acreage. About one-eighth of the acreage of barley is reported from Cayuga County. Three groups of counties report the principal decreases in the acreage of hay and forage. One lies in the southwestern corner of the state along Lake Erie; another extends in a narrow belt across the state from about the middle of the southern boundary line to Lake Ontario, then along the St. Lawrence as far north as Franklin County; and the third consists of the counties bordering the Hudson. Nearly one-fourth of the total potato acreage is reported from five counties—Steuben, Monroe, Ontario, Allegany, and Livingston—forming a row across the middle of the western half of the state. Nearly three-fifths of the acreage of dry edible beans is reported from a group of four counties in the western part of the state, comprising Orleans, Livingston, Monroe, and Genesee. More than five-sixths of the acreage of hops is shown for a group of four counties—Schoharie, Otsego, Oneida, and Madison—located in the east central section 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 569,834, and their value \$36,309,544. Excluding (so far as separately reported¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 175,402 and their value \$15,963,000, both acreage and value being materially greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which

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

vegetables are raised only for home consumption. There were, in 1909, 4,997 farms in the first class, representing about one-third of the total acreage of vegetables and about one-half of the total value, the average acreage of vegetables per farm for these farms being 11.8 and the average value of product per acre \$127.71.

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.	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.....	1169,651	78.7	175,402	144,318	\$15,963,384	\$10,656,058
Farms reporting a product of \$500 or over.....	4,997	2.3	59,208		7,561,639	
All other farms.....	164,654	76.4	116,194		8,401,745	
Flowers and plants, total.....	1,398	0.6	2,979	1,496	5,148,949	2,867,673
Farms reporting a product of \$250 or over.....	1,110	0.5			5,110,221	
All other farms.....	288	0.1			38,728	
Nursery products, total.....	608	0.3	8,680	8,238	2,750,957	1,642,107
Farms reporting a product of \$250 or over.....	302	0.1			2,703,443	
All other farms.....	306	0.1			47,514	

¹ Does not include 13,049 farms which reported that they had vegetable gardens, but gave no information as to their products.

The raising of flowers and plants and of nursery products is also relatively important in New York, 11,659 acres being devoted to them in 1909, and the output being valued at \$7,900,000. 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		
Small fruits, total.....		22,496	25,051	37,857,829	\$2,875,495
Strawberries.....	14,086	6,382	7,311	15,945,863	1,187,410
Blackberries and dewberries.....	4,882	1,951	2,060	2,509,851	210,986
Raspberries and loganberries.....	13,187	11,057	12,376	14,751,940	1,168,062
Currants.....	7,528	2,557	2,594	3,982,389	264,051
Gooseberries.....	1,696	259	190	381,135	23,427
Cranberries.....	88	277	113	327,370	20,743
Other berries.....	9	13	407	9,281	816

Strawberries and raspberries and loganberries are by far the most important small fruits grown in New York, with currants ranking next. The total acreage of small fruits in 1909 was 22,496 and in 1899, 25,051, a decrease of 10.2 per cent. The production in 1909 was 37,858,000 quarts, as compared with 40,376,000 quarts in 1899, and the value \$2,875,000, as compared with \$2,538,000.

Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.—The following table presents data with regard to orchard fruits, grapes, nuts, and tropical fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is

CROP.	TREES OR VINES OF BEARING AGE, 1910		TREES OR VINES NOT OF BEARING AGE, 1910		PRODUCT.		
	Farms report-ing.	Number.	Farms report-ing.	Number.	1909		1899
					Quantity. ¹	Value (dollars).		Quantity.^{1}
Orchard fruits, total.....	17,625,093	7,363,614	29,456,291	17,988,894	26,172,310		
Apples.....	168,667	11,248,203	48,007	2,828,515	25,409,324	13,343,028	24,111,257
Peaches and nectarines.....	25,926	2,457,187	14,337	2,216,907	1,736,483	2,014,088	466,850
Pears.....	85,725	2,141,506	26,773	1,502,661	1,343,089	1,418,218	960,170
Plums and prunes.....	62,024	919,017	22,083	328,329	553,522	519,192	303,688
Cherries.....	59,408	673,989	20,087	342,959	271,597	544,508	218,642
Apricots.....	2,033	16,050	767	3,537	9,805	14,490	15,710
Quinces.....	12,230	169,031	3,404	140,703	132,451	135,345	(²)
Mulberries.....	11	20	2	3	20	25	(²)
Unclassified.....							\$95,993
Grapes.....	34,256	31,802,097	7,250	3,801,806	253,006,361	3,961,677	247,698,056
Nuts, total.....	184,333	451,239	42,773,858	174,420	3,451,550		
Persian or English walnuts.....	81	450	28	130	9,346	858	
Black walnuts.....	2,815	19,782	428	27,591	465,918	11,485	(²)
Butternuts.....	4,623	36,450	447	5,175	1,519,279	21,631	(²)
Chestnuts.....	1,797	72,976	198	12,841	286,227	23,589	(²)
Hickory nuts.....	3,142	34,309	220	5,381	487,768	16,742	(²)
Unclassified.....							\$3,451,550
Tropical fruits (figs).....	12	21	8	25			5

¹ Expressed in bushels for orchard fruits and pounds for grapes and nuts.
² Included with "unclassified."
³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."
⁴ Includes small amounts of almonds, pecans, hazelnuts, beechnuts, Japanese chestnuts, Japanese walnuts, filberts, and other nuts.

The total quantity of orchard fruits produced in 1909 was 29,456,000, valued at \$17,989,000. Apples contributed about six-sevenths of this quantity, peaches and nectarines and pears most of the remainder. The production of grapes in 1909 amounted to 253,006,000 pounds, valued at \$3,962,000, and that of nuts to 2,774,000 pounds, valued at \$74,000.

The production of all orchard fruits together in 1909 was 12.5 per cent greater than that in 1899, while the production of grapes increased 2.1 per cent. The value of orchard fruits increased from \$10,542,000 in 1899 to \$17,989,000 in 1909, and that of grapes from \$2,764,000 in 1899 to \$3,962,000 in 1909. It should be noted in this connection that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

The next 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.....	54,198	25.1	Gals....	5,191,221	4,597,519
Vinegar.....	13,547	6.3	Gals....	703,284	574,875
Wine and grape juice.....	1,823	0.8	Gals....	746,973	290,965
Dried fruits.....	1,290	0.6	Lbs....	4,365,978	3,658,610

Sugar crops: 1909 and 1899.—The table below shows data with regard to maple trees and their products, for sugar beets, and also for sorghum cane, which in this state is unimportant. The total value of maple sugar and sirup produced in 1909 was \$1,241,000, as compared with \$631,000 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Percent of all farms.		Amount.	Unit.	Value.
Maple sugar and sirup:						
Total, 1909.....	25,525	11.8	14,948,784			\$1,240,664
Sugar made.....	11,278	5.2		3,160,300	Lbs....	333,638
Sirup made.....	23,866	11.1		993,242	Gals....	907,049
Total, 1899.....	20,567	9.1				631,190
Sugar made.....				3,023,540	Lbs....	307,184
Sirup made.....				413,159	Gals....	323,996
Sugar beets:						
1909 ¹	376	0.2	1,313	10,990	Tons...	59,200
1899.....	774	0.3	2,053	16,003	Tons...	75,487
Sorghum cane:						
Total, 1909 ²						5,069
Cane grown.....	56	(³)	143	641	Tons...	
Sirup made.....	1	(⁴)		14	Gals....	7
Total, 1899.....						371
Cane grown.....	20	(⁴)	14	105	Tons...	
Sirup made.....				973	Gals....	371

¹ Number of trees.

² Includes beets used as root forage.

³ Includes cane used as coarse forage.

⁴ Less than one-tenth of 1 per cent.

SELECTED FARM EXPENSES AND RECEIPTS.

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

EXPENSE.	1909		1899	INCREASE.		
	Farms reporting.			Amount.	Amount.	Per cent.
	Number.	Percent of all farms.	Amount.			
Labor.....	145,095	67.3	\$41,312,014	\$27,102,130	\$14,209,884	52.4
Feed.....	151,962	70.5	29,545,793	(¹)		
Fertilizer.....	113,853	52.8	7,142,265	4,493,050	2,649,215	59.0

¹ Not reported at the census of 1900.

Over two-thirds of the farmers hire labor, the average amount expended by the farmers hiring being \$285. During the decade the total expenditure for labor increased \$14,210,000, or 52.4 per cent. About a 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.

Seven farmers out of every ten report some expenditure for feed, but only about five out of every ten

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 113,441 farms in New York (52.6 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$10,365,651, as compared with \$7,671,108 in 1899, an increase of 35.1 per cent. Of the value in 1909, \$5,972,431 was reported as that of products used or to be used on the farms themselves, \$3,643,191 as that of products sold or for sale, and \$750,029 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 11,733 farmers in New York sold, during 1909, 75,722 tons of straw, for which they received \$844,484, and that 2,041 farmers sold 9,306 tons of cornstalks and leaves, for which they received \$55,324.

purchase fertilizer. The total amount reported as paid for fertilizer has increased \$2,649,000, or 59 per cent, during the decade, the average per farm reporting being \$62.72.

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

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Percent of all farms.	Amount.	Unit.	
Total.....					\$10,349,957
Corn.....	4,987	2.3	427,602	Bu.....	300,277
Oats.....	15,270	7.1	2,314,724	Bu.....	1,225,172
Barley.....	2,339	1.1	316,085	Bu.....	206,430
Hay and coarse forage.....	42,272	19.6	613,901	Tons...	8,618,078

While the total amount expended by New York farms for the purchase of feed in 1909 was \$29,546,000, the total receipts from sales of feed by those reporting sales only amounted to \$10,350,000.

COUNTY TABLES.

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

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

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

Table 3 gives statistics pertaining to the products

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

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

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

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

TABLE 1.—FARMS AND FARM PROPERTY,

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

	THE STATE.	Albany.	Allegany.	Broome.	Cattaraugus.	Cayuga.	Chautauqua.
1 Population.....	9,113,614	173,666	41,412	73,809	65,919	67,106	105,126
2 <i>Population in 1900.....</i>	<i>7,293,824</i>	<i>165,571</i>	<i>41,601</i>	<i>69,149</i>	<i>65,043</i>	<i>66,234</i>	<i>88,314</i>
3 Number of all farms.....	215,597	3,146	4,937	4,017	6,017	4,785	7,500
4 <i>Number of all farms in 1900.....</i>	<i>229,780</i>	<i>3,281</i>	<i>6,082</i>	<i>4,410</i>	<i>6,276</i>	<i>6,089</i>	<i>7,404</i>
5 Color and nativity of farmers:							
6 Native white.....	187,629	2,815	4,668	3,886	5,190	4,227	6,117
7 Foreign-born white.....	27,029	226	255	121	687	554	1,875
8 Negro and other nonwhite.....	939	6	14	10	160	4	8
9 Number of farms, classified by size:							
10 Under 3 acres.....	1,424	38	6	13	14	21	29
11 3 to 9 acres.....	17,231	248	337	246	494	420	695
12 10 to 19 acres.....	15,523	296	233	237	386	366	761
13 20 to 49 acres.....	31,047	453	526	566	770	639	1,359
14 50 to 99 acres.....	56,821	819	1,145	1,184	1,394	1,511	2,096
15 100 to 174 acres.....	61,031	922	1,633	1,152	1,799	1,393	1,844
16 175 to 259 acres.....	21,901	265	705	416	747	345	511
17 260 to 499 acres.....	9,262	97	325	187	377	84	158
18 500 to 999 acres.....	1,104	8	19	10	29	1	12
19 1,000 acres and over.....	243	.....	3	1	7	.....	5
LAND AND FARM AREA							
20 Approximate land area..... acres.....	30,498,560	337,280	670,080	451,200	859,520	449,920	684,160
21 Land in farms..... acres.....	22,030,367	289,829	585,615	411,475	669,900	411,170	613,000
22 <i>Land in farms in 1900.....</i>	<i>22,648,109</i>	<i>298,656</i>	<i>617,022</i>	<i>417,022</i>	<i>672,601</i>	<i>415,324</i>	<i>614,308</i>
23 Improved land in farms..... acres.....	14,844,039	226,938	373,903	301,970	413,266	337,383	400,723
24 <i>Improved land in farms in 1900.....</i>	<i>15,599,986</i>	<i>245,960</i>	<i>408,252</i>	<i>308,758</i>	<i>417,123</i>	<i>341,950</i>	<i>434,216</i>
25 Woodland in farms..... acres.....	4,436,145	45,599	117,184	86,609	159,838	44,421	122,262
26 Other unimproved land in farms..... acres.....	2,750,183	17,292	94,528	22,890	91,856	29,366	89,985
27 Per cent of land area in farms.....	72.2	85.9	87.4	91.2	77.9	91.4	89.0
28 Per cent of farm land improved.....	67.4	78.3	63.8	73.4	62.4	82.1	65.4
29 Average acres per farm.....	102.2	92.1	118.6	102.4	111.3	85.9	81.7
30 Average improved acres per farm.....	68.8	72.1	75.7	75.2	69.5	70.5	53.4
VALUE OF FARM PROPERTY							
31 All farm property..... dollars.....	1,451,481,495	17,742,896	26,071,862	16,638,994	30,276,650	26,915,448	43,738,490
32 <i>All farm property in 1900.....</i>	<i>1,069,723,895</i>	<i>15,899,877</i>	<i>20,418,674</i>	<i>15,159,291</i>	<i>22,380,643</i>	<i>22,471,312</i>	<i>30,837,051</i>
33 Per cent increase, 1900-1910.....	35.7	11.8	27.7	9.8	32.4	19.8	41.8
34 Land..... dollars.....	707,747,828	6,937,566	11,193,848	6,615,429	14,374,881	10,612,424	22,909,555
35 <i>Land in 1900.....</i>	<i>551,174,220</i>	<i>6,732,550</i>	<i>10,631,609</i>	<i>7,376,050</i>	<i>11,675,400</i>	<i>10,767,040</i>	<i>16,470,490</i>
36 Buildings..... dollars.....	476,998,001	7,019,004	8,637,609	6,167,230	9,032,890	10,113,685	12,782,745
37 <i>Buildings in 1900.....</i>	<i>326,359,960</i>	<i>6,428,530</i>	<i>6,612,620</i>	<i>4,833,230</i>	<i>6,437,990</i>	<i>7,671,500</i>	<i>8,869,000</i>
38 Implements and machinery..... dollars.....	89,644,822	1,440,249	1,720,672	1,017,367	1,807,146	1,973,951	2,447,146
39 <i>Implements, etc., in 1900.....</i>	<i>60,006,000</i>	<i>1,080,010</i>	<i>1,132,040</i>	<i>734,340</i>	<i>1,229,200</i>	<i>1,394,080</i>	<i>1,563,600</i>
40 Domestic animals, poultry, and bees..... dollars.....	123,090,844	2,346,017	4,499,733	2,838,978	5,061,733	4,215,388	5,539,053
41 <i>Domestic animals, etc., in 1900.....</i>	<i>123,633,715</i>	<i>1,876,077</i>	<i>2,891,954</i>	<i>2,116,021</i>	<i>3,721,053</i>	<i>2,649,102</i>	<i>3,934,761</i>
42 Per cent of value of all property in—							
43 Land.....	48.8	39.1	42.9	39.8	47.5	39.4	52.5
44 Buildings.....	32.9	39.6	33.2	37.1	29.8	37.6	29.2
45 Implements and machinery.....	5.8	8.1	6.6	6.1	6.0	7.3	5.6
46 Domestic animals, poultry, and bees.....	12.6	13.2	17.3	17.1	16.7	15.7	12.7
47 Average values:							
48 All property per farm..... dollars.....	6,732	5,640	5,251	4,142	5,032	5,625	5,832
49 Land and buildings per farm.....	5,495	4,436	4,021	3,182	3,890	4,331	4,767
50 Land per acre..... dollars.....	32.13	23.94	19.11	16.08	21.46	25.81	37.47
51 <i>Land per acre in 1900.....</i>	<i>24.54</i>	<i>22.71</i>	<i>17.60</i>	<i>17.69</i>	<i>17.36</i>	<i>25.39</i>	<i>26.81</i>
DOMESTIC ANIMALS (farms and ranges)							
52 Farms reporting domestic animals.....	201,295	2,940	4,629	3,687	5,556	4,559	6,963
53 Value of domestic animals..... dollars.....	174,560,658	2,183,382	4,371,584	2,697,610	4,900,006	3,920,238	5,296,830
Cattle:							
54 Total number.....	2,423,003	21,561	70,131	45,620	101,504	43,919	88,202
55 Dairy cows.....	1,569,594	13,483	39,573	29,648	59,779	27,199	49,648
56 Other cows.....	138,461	955	3,025	2,260	5,632	2,245	5,248
57 Yearling heifers.....	234,728	1,602	7,916	4,859	11,043	4,091	9,350
58 Calves.....	438,329	4,748	16,278	7,116	20,484	8,690	20,181
59 Yearling steers and bulls.....	58,976	404	2,488	1,248	2,905	1,096	2,389
60 Other steers and bulls.....	42,915	219	851	459	1,601	598	1,406
61 Value..... dollars.....	83,062,242	701,212	2,248,182	1,471,032	2,873,749	1,523,836	2,729,736
Horses:							
62 Total number.....	591,098	8,780	13,542	8,672	13,888	15,540	17,363
63 Mature horses.....	562,310	8,470	12,627	8,238	13,040	14,707	16,440
64 Yearling colts.....	25,983	255	810	387	756	689	831
65 Spring colts.....	3,615	55	105	47	92	84	92
66 Value..... dollars.....	80,043,302	1,273,092	1,839,085	1,087,782	1,762,192	2,071,776	2,288,348
Mules:							
67 Total number.....	4,052	13	96	106	64	166	79
68 Mature mules.....	3,840	13	85	100	58	149	75
69 Yearling colts.....	191	.....	11	6	6	16	3
70 Spring colts.....	21	.....	.....	.....	.....	1	1
71 Value..... dollars.....	650,497	2,600	16,200	16,940	9,830	27,030	12,530
Asses and burros:							
72 Number.....	284	.....	9	3	1	4	6
73 Value..... dollars.....	38,262	.....	4,185	600	5	660	2,050
Swine:							
74 Total number.....	666,179	13,607	14,062	7,615	17,854	22,535	20,757
75 Mature hogs.....	364,975	7,734	8,265	4,208	10,600	12,388	10,531
76 Spring pigs.....	301,804	5,873	5,797	3,407	7,254	10,147	10,226
77 Value..... dollars.....	5,905,272	114,443	127,481	67,974	169,018	187,448	192,366
Sheep:							
78 Total number.....	690,300	17,070	24,320	9,600	9,709	20,958	14,294
79 Rams, ewes, and wethers.....	696,119	10,540	17,317	6,242	6,171	13,741	9,084
80 Spring lambs.....	324,181	6,530	7,003	3,358	3,538	7,217	5,210
81 Value..... dollars.....	4,839,651	91,183	135,900	50,998	54,104	109,230	77,174
Goats:							
82 Number.....	3,475	39	132	298	120	51	131
83 Value..... dollars.....	21,432	252	551	2,224	1,048	258	626
POULTRY AND BEES							
84 Number of poultry of all kinds.....	10,678,836	171,339	187,579	184,377	235,088	360,543	325,621
85 Value..... dollars.....	7,879,388	150,429	166,543	128,383	142,698	274,673	227,478
86 Number of colonies of bees.....	156,360	3,035	5,020	3,312	4,927	4,789	3,680
87 Value..... dollars.....	646,848	12,206	21,606	12,985	19,029	20,477	14,745

¹ Includes \$3,950 for "all other animals," as follows: Deer, \$50; buffaloes, \$3,900.

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BY COUNTIES: APRIL 15, 1910.

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

	Chemung.	Chenango.	Cattaraugus.	Columbia.	Cortland.	Delaware.	Dutchess.	Erie.	Essex.	Franklin.	Fulton.	Genesee.
1	54,662	35,575	48,230	43,658	29,249	45,575	87,661	528,985	33,458	45,717	44,534	37,615
2	<i>54,068</i>	<i>36,568</i>	<i>47,480</i>	<i>43,211</i>	<i>27,576</i>	<i>40,413</i>	<i>81,670</i>	<i>433,683</i>	<i>30,707</i>	<i>42,853</i>	<i>42,842</i>	<i>34,561</i>
3	2,193	4,258	3,608	2,963	2,610	5,044	3,600	8,178	2,274	3,675	1,932	3,250
4	<i>2,438</i>	<i>4,473</i>	<i>3,764</i>	<i>2,944</i>	<i>2,764</i>	<i>5,232</i>	<i>3,537</i>	<i>7,929</i>	<i>2,412</i>	<i>3,721</i>	<i>2,234</i>	<i>3,226</i>
5	2,074	4,093	3,127	2,599	2,501	4,821	3,176	6,344	2,140	3,105	1,795	2,545
6	110	162	481	355	108	213	408	1,075	134	428	134	615
7	3	3	.....	9	1	10	18	159	.....	142	3	90
8	13	15	5	27	17	15	128	85	2	6	12	11
9	175	207	159	357	199	258	298	692	129	209	101	312
10	134	203	160	210	165	185	231	817	107	184	122	248
11	242	416	473	301	300	322	386	1,043	231	507	305	436
12	605	936	951	358	588	822	698	2,670	446	1,092	514	940
13	673	1,350	1,150	925	810	1,716	1,099	1,460	695	1,062	628	982
14	257	648	433	505	336	1,057	476	373	345	336	179	240
15	86	351	232	246	181	593	297	128	251	149	60	76
16	6	39	39	28	13	71	69	9	54	16	3	5
17	2	3	6	6	1	5	8	1	14	7	8	.....
18	260,480	572,160	671,360	412,160	321,920	927,360	515,840	661,760	1,175,040	1,073,920	330,240	317,440
19	<i>220,772</i>	<i>539,084</i>	<i>450,324</i>	<i>374,415</i>	<i>299,707</i>	<i>768,131</i>	<i>464,202</i>	<i>571,386</i>	<i>359,008</i>	<i>429,437</i>	<i>205,847</i>	<i>289,187</i>
20	<i>233,976</i>	<i>543,384</i>	<i>455,225</i>	<i>375,904</i>	<i>303,257</i>	<i>795,097</i>	<i>466,463</i>	<i>571,034</i>	<i>401,912</i>	<i>489,452</i>	<i>208,685</i>	<i>294,816</i>
21	170,960	353,507	207,479	294,125	199,250	409,762	341,523	434,875	146,860	199,824	98,781	235,295
22	<i>176,328</i>	<i>398,603</i>	<i>214,929</i>	<i>301,103</i>	<i>232,647</i>	<i>502,036</i>	<i>348,495</i>	<i>428,024</i>	<i>152,255</i>	<i>201,981</i>	<i>115,215</i>	<i>235,295</i>
23	49,222	102,542	118,764	59,774	55,869	237,096	82,462	74,661	152,505	108,422	69,219	29,164
24	<i>6,590</i>	<i>83,035</i>	<i>124,031</i>	<i>20,516</i>	<i>44,588</i>	<i>60,383</i>	<i>40,227</i>	<i>61,820</i>	<i>59,613</i>	<i>121,571</i>	<i>37,845</i>	<i>24,728</i>
25	87.1	94.2	67.1	90.8	93.1	82.8	90.0	86.3	30.6	40.0	62.3	91.1
26	75.4	65.6	46.1	78.6	66.5	61.2	73.6	76.1	40.9	46.5	48.0	81.4
27	103.4	126.6	124.8	126.4	114.8	152.3	128.9	99.9	157.9	116.9	106.5	89.0
28	78.0	83.0	57.5	99.3	76.3	93.1	94.9	53.2	64.6	54.4	51.1	72.4
29	10,288,587	20,012,060	18,116,645	19,819,369	13,171,013	27,714,855	32,968,710	63,808,399	11,029,202	17,751,227	6,808,265	25,044,508
30	<i>10,261,734</i>	<i>17,532,393</i>	<i>18,055,032</i>	<i>16,062,349</i>	<i>11,009,891</i>	<i>22,068,017</i>	<i>25,023,392</i>	<i>51,597,720</i>	<i>7,832,231</i>	<i>12,015,526</i>	<i>5,834,750</i>	<i>17,222,719</i>
31	0.4	19.2	50.3	16.6	19.6	25.6	31.7	23.7	39.9	37.5	16.7	44.8
32	4,492,931	7,533,465	7,813,316	7,838,337	4,919,232	10,327,717	13,545,989	36,886,444	5,194,515	8,088,515	2,659,010	12,623,552
33	<i>5,487,660</i>	<i>7,329,220</i>	<i>6,031,670</i>	<i>6,460,670</i>	<i>5,228,270</i>	<i>9,349,570</i>	<i>10,599,660</i>	<i>34,212,480</i>	<i>5,571,120</i>	<i>6,473,470</i>	<i>2,603,800</i>	<i>9,438,320</i>
34	3,804,100	7,302,075	6,310,130	8,112,247	4,592,530	10,142,921	13,620,507	17,417,841	3,685,922	5,866,158	2,549,545	7,823,859
35	<i>3,119,640</i>	<i>5,551,800</i>	<i>3,508,220</i>	<i>5,347,010</i>	<i>3,235,330</i>	<i>7,437,090</i>	<i>10,316,300</i>	<i>11,026,460</i>	<i>2,673,670</i>	<i>5,789,840</i>	<i>2,026,860</i>	<i>5,217,530</i>
36	670,059	1,395,295	1,229,157	1,404,955	897,038	1,651,212	1,870,643	3,637,916	657,703	1,047,955	465,742	1,550,630
37	<i>651,460</i>	<i>950,160</i>	<i>700,690</i>	<i>965,180</i>	<i>666,070</i>	<i>1,147,460</i>	<i>1,580,880</i>	<i>2,247,420</i>	<i>441,560</i>	<i>692,220</i>	<i>331,420</i>	<i>397,070</i>
38	1,815,437	4,021,225	2,753,042	2,463,830	2,762,215	5,693,005	3,931,571	5,866,198	1,491,062	2,748,539	1,133,968	3,046,467
39	<i>1,093,174</i>	<i>3,193,673</i>	<i>1,764,432</i>	<i>1,812,089</i>	<i>1,389,571</i>	<i>4,123,897</i>	<i>3,027,002</i>	<i>4,111,560</i>	<i>1,185,831</i>	<i>1,967,296</i>	<i>832,680</i>	<i>1,745,779</i>
40	43.7	36.0	43.1	39.5	37.3	37.3	41.1	37.8	47.1	45.6	39.1	50.4
41	37.0	35.2	34.9	40.9	34.9	36.6	41.3	27.3	33.4	33.0	31.4	31.2
42	6.6	6.7	6.8	7.1	6.8	6.0	5.7	5.7	6.0	5.9	6.8	6.2
43	12.8	22.1	15.2	12.4	21.0	20.2	11.9	9.2	13.5	15.5	10.7	12.2
44	4,692	4,911	5,021	6,650	5,046	5,495	9,158	7,802	4,850	4,830	3,524	7,706
45	3,783	3,498	3,916	5,383	3,644	4,058	7,546	6,640	3,905	3,797	2,690	6,292
46	19.81	13.97	17.35	20.93	16.41	13.45	29.18	64.56	14.47	13.34	12.92	43.65
47	<i>23.45</i>	<i>14.40</i>	<i>15.95</i>	<i>17.16</i>	<i>17.84</i>	<i>11.76</i>	<i>22.80</i>	<i>59.91</i>	<i>8.89</i>	<i>16.07</i>	<i>12.43</i>	<i>32.07</i>
48	1,970	3,048	3,460	2,769	2,444	4,751	3,299	7,506	2,139	3,406	1,741	3,052
49	<i>1,240,654</i>	<i>4,437,459</i>	<i>2,690,444</i>	<i>2,320,081</i>	<i>2,646,209</i>	<i>5,410,527</i>	<i>3,699,803</i>	<i>5,535,878</i>	<i>1,445,735</i>	<i>2,633,209</i>	<i>1,079,357</i>	<i>2,915,162</i>
50	17,229	77,994	40,392	24,400	43,239	113,840	48,351	66,564	18,790	46,108	16,096	21,674
51	11,035	50,711	25,032	19,126	27,427	78,073	31,241	44,331	10,634	28,964	9,835	13,708
52	788	5,377	2,203	1,710	3,270	6,018	5,594	3,423	1,058	1,932	990	1,047
53	1,642	7,144	3,682	2,131	4,264	11,077	4,654	6,264	2,146	3,726	1,608	2,081
54	<i>2,939</i>	<i>12,372</i>	<i>7,989</i>	<i>3,292</i>	<i>6,878</i>	<i>15,164</i>	<i>5,259</i>	<i>10,236</i>	<i>3,626</i>	<i>3,626</i>	<i>2,896</i>	<i>3,243</i>
55	506	1,360	958	521	699	1,754	779	1,341	301	1,165	385	442
56	319	1,030	528	620	701	1,756	824	969	625	445	382	1,093
57	514,566	2,988,330	1,190,932	831,299	1,670,697	3,657,732	1,938,753	2,364,821	525,135	1,397,352	486,396	801,125
58	5,421	10,493	10,415	9,050	7,033	12,022	10,945	20,839	5,907	9,262	4,064	12,988
59	5,104	10,055	9,076	8,827	6,685	11,532	10,546	19,980	5,634	8,580	3,851	12,271
60	277	397	690	194	321	404	341	728	349	641	198	597
61	40	41	49	29	27	36	58	131	24	41	15	120
62	648,199	1,338,033	1,310,434	1,244,941	890,897	1,584,630	1,505,709	2,891,072	779,847	1,137,482	543,860	1,766,628
63	64	84	10	70	82	84	122	177	13	30	8	123
64	61	75	9	67	78	84	122	160	11	25	7	120
65	2	0	3	3	3	.....	.....	16	2	4	1	3
66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	10,200	13,105	1,585	11,730	13,710	13,035	19,520	24,870	1,900	4,650	1,735	17,015
68	.....	2	6	7	.....	5	9	11	18	5	2	3
69	.....	130	230	1,092	.....	210	1,530	2,210	940	655	425	700
70	4,099	6,327	11,563	13,091	5,233	10,526	19,798	23,364	4,949	12,893	4,344	12,770
71	2,293	3,664	6,862	6,480	2,852	5,896	9,209	14,136	2,996	7,020	2,519	7,431
72	1,806	2,663	4,701	6,631	2,381	4,653	10,589	8,228	1,853	5,897	1,825	5,339
73	<i>34,363</i>	<i>62,941</i>	<i>121,003</i>	<i>104,839</i>	<i>43,801</i>	<i>102,279</i>	<i>147,447</i>	<i>203,783</i>	<i>47,922</i>	<i>112,525</i>	<i>38,471</i>	<i>124,064</i>
74	7,003	5,806	11,069	25,229	3,616	9,302	14,719	9,502	19,814	5,233	2,027	33,916
75	4,738	3,799	8,452	15,525	5,298	8,467	6,557	14,330	3,510	1,290	26,071	26,071
76	2,265	2,087	2,617	9,704	1,374	4,004	6,252	2,945	5,484	1,723	737	12,845
77	<i>33,280</i>	<i>34,806</i>	<i>65,814</i>	<i>126,899</i>	<i>20,773</i>	<i>52,155</i>	<i>86,257</i>	<i>43,146</i>	<i>89,518</i>	<i>30,390</i>	<i>8,413</i>	<i>205,518</i>
78	7	9	50	98	36	60	118	205	113	16	15	20
79	46	58	446	281	331	386	1,587	976	473	155	57	112
80	92,712	245,256	98,617	172,879	153,550	239,755	236,074	377,098	61,169	98,495	67,193	166,902
81	<i>67,696</i>	<i>172,226</i>	<i>61,052</i>	<i>134,682</i>	<i>106,176</i>	<i>161,947</i>	<i>221,957</i>	<i>309,459</i>	<i>40,574</i>	<i>60,443</i>	<i>49,239</i>	<i>121,588</i>
82	2,240	2,593	1,829	2,055	2,524	4,546	2,070	5,195	1,035	1,087	1,265	2,339
83	<i>7,087</i>	<i>11,540</i>	<i>6,546</i>	<i>9,087</i>	<i>9,830</i>	<i>20,431</i>	<i>9,811</i>	<i>20,861</i>	<i>4,763</i>	<i>4,937</i>	<i>5,372</i>	<i>9,717</i>

² Includes deer, valued at \$50.

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Greene.	Hamilton.	Herkimer.	Jefferson.	Kings.	Lewis.	Livingston.	Madison.
1 Population.....	30,214	4,373	56,356	80,382	1,634,351	24,849	38,037	39,289
2 <i>Population in 1900.</i>	<i>31,478</i>	<i>4,847</i>	<i>61,049</i>	<i>76,748</i>	<i>1,166,582</i>	<i>27,427</i>	<i>37,069</i>	<i>40,646</i>
3 Number of all farms.....	2,654	470	3,092	5,778	110	3,343	3,298	4,042
4 <i>Number of all farms in 1900.</i>	<i>2,748</i>	<i>510</i>	<i>3,227</i>	<i>6,052</i>	<i>560</i>	<i>3,338</i>	<i>3,267</i>	<i>4,144</i>
5 Color and nativity of farmers:								
6 Native white.....	2,492	425	2,769	5,121	77	2,878	2,858	3,092
7 Foreign-born white.....	153	45	322	657	33	464	430	344
8 Negro and other nonwhite.....	9	1	1	1	1	1	10	6
9 Number of farms, classified by size:								
10 Under 3 acres.....	6	6	14	15	52	3	22	13
11 3 to 9 acres.....	222	37	257	337	21	133	310	377
12 10 to 19 acres.....	170	33	207	286	13	133	234	293
13 20 to 49 acres.....	319	58	335	540	16	357	341	621
14 50 to 99 acres.....	601	117	635	1,232	6	695	750	1,066
15 100 to 174 acres.....	815	138	947	1,963	2	1,082	1,038	1,097
16 175 to 259 acres.....	323	44	499	973	.....	597	380	432
17 260 to 499 acres.....	167	28	179	377	.....	301	196	130
18 500 to 999 acres.....	25	8	13	50	.....	32	20	13
19 1,000 acres and over.....	6	1	6	5	.....	10	7	.....
LAND AND FARM AREA								
20 Approximate land area..... acres.....	411,520	1,068,000	933,760	815,360	44,800	812,800	403,840	416,000
21 Land in farms..... acres.....	309,124	56,487	371,969	732,861	1,443	475,033	389,536	381,434
22 <i>Land in farms in 1900.</i> acres.....	<i>337,909</i>	<i>63,832</i>	<i>583,180</i>	<i>745,095</i>	<i>6,480</i>	<i>494,166</i>	<i>573,660</i>	<i>338,866</i>
23 Improved land in farms..... acres.....	178,301	18,897	258,595	501,383	1,259	241,409	310,903	283,265
24 <i>Improved land in farms in 1900.</i> acres.....	<i>215,694</i>	<i>22,317</i>	<i>272,163</i>	<i>526,288</i>	<i>5,989</i>	<i>272,866</i>	<i>301,800</i>	<i>299,261</i>
25 Woodland in farms..... acres.....	83,886	30,773	76,385	85,031	9	111,003	61,033	54,523
26 Other unimproved land in farms..... acres.....	46,937	6,817	36,989	145,847	175	122,561	17,490	43,646
27 Per cent of land area in farms.....	75.1	5.2	39.8	89.9	3.2	58.4	96.5	91.7
28 Per cent of farm land improved.....	57.7	33.5	69.5	68.4	87.2	60.8	79.8	74.3
29 Average acres per farm.....	116.5	120.2	120.3	126.8	13.1	142.1	118.1	94.4
30 Average improved acres per farm.....	67.2	40.2	83.6	80.8	11.4	72.2	94.3	70.1
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	14,544,994	1,653,827	19,007,700	40,095,331	4,605,506	16,288,674	28,606,858	20,891,990
32 <i>All farm property in 1900.</i> dollars.....	<i>11,316,125</i>	<i>900,273</i>	<i>16,041,046</i>	<i>31,432,735</i>	<i>1,571,000</i>	<i>15,069,380</i>	<i>21,723,702</i>	<i>16,681,022</i>
33 Per cent increase, 1900-1910.....	28.5	83.7	30.4	27.6	187.0	24.7	32.1	33.2
34 Land..... dollars.....	5,390,638	576,271	7,662,689	19,494,145	3,730,250	6,690,495	15,348,406	7,704,457
35 <i>Land in 1900.</i> dollars.....	<i>4,862,530</i>	<i>338,450</i>	<i>6,273,680</i>	<i>16,345,080</i>	<i>3,968,760</i>	<i>6,465,090</i>	<i>12,861,960</i>	<i>6,764,610</i>
36 Buildings..... dollars.....	6,394,765	789,450	6,955,568	12,116,558	730,300	5,332,704	8,144,632	7,289,580
37 <i>Buildings in 1900.</i> dollars.....	<i>4,419,130</i>	<i>337,420</i>	<i>4,879,610</i>	<i>8,839,660</i>	<i>1,186,160</i>	<i>3,748,190</i>	<i>5,516,100</i>	<i>5,462,560</i>
38 Implements and machinery..... dollars.....	4,980,398	337,875	1,256,993	2,251,200	72,515	1,120,800	1,614,973	1,504,834
39 <i>Implements, etc., in 1900.</i> dollars.....	<i>718,290</i>	<i>63,990</i>	<i>310,380</i>	<i>1,481,840</i>	<i>538,680</i>	<i>708,640</i>	<i>1,073,600</i>	<i>840,800</i>
40 Domestic animals, poultry, and bees..... dollars.....	1,838,993	205,231	3,732,422	6,233,422	54,441	3,138,675	3,588,327	4,363,119
41 <i>Domestic animals, etc., in 1900.</i> dollars.....	<i>1,316,125</i>	<i>160,408</i>	<i>2,477,408</i>	<i>4,166,325</i>	<i>215,603</i>	<i>2,160,460</i>	<i>2,523,332</i>	<i>2,523,332</i>
42 Per cent of value of all property in—								
43 Land.....	37.1	34.8	39.1	48.6	81.2	41.1	53.5	36.9
44 Buildings.....	43.6	47.4	35.5	30.2	16.1	32.7	28.4	34.9
45 Implements and machinery.....	6.7	5.4	6.4	5.6	1.6	6.9	5.6	7.2
46 Domestic animals, poultry, and bees.....	12.6	12.4	19.0	15.5	1.2	19.3	12.5	21.0
47 Average values:								
48 All property per farm..... dollars.....	5,480	3,519	6,341	6,939	41,868	4,872	8,701	5,169
49 Land and buildings per farm..... dollars.....	4,418	2,893	4,728	5,471	40,714	3,598	7,123	3,712
50 Land per acre..... dollars.....	17.44	10.20	20.60	26.60	2,591.30	14.10	39.40	20.20
51 <i>Land per acre in 1900.</i> dollars.....	<i>14.39</i>	<i>6.30</i>	<i>17.94</i>	<i>22.74</i>	<i>1,933.76</i>	<i>15.06</i>	<i>34.39</i>	<i>17.37</i>
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	2,491	429	2,923	5,482	62	3,134	3,032	3,732
53 Value of domestic animals..... dollars.....	1,724,176	196,649	3,631,805	6,005,445	51,418	3,080,385	3,465,228	4,224,075
54 Cattle:								
55 Total number.....	24,571	1,994	64,914	107,394	114	59,116	31,403	59,278
56 Dairy cows.....	15,423	1,183	40,423	64,855	113	36,291	17,859	36,994
57 Other cows.....	772	62	3,877	5,043	1	3,763	2,162	3,857
58 Yearling heifers.....	2,457	243	4,775	9,801	.....	5,184	2,988	7,462
59 Calves.....	4,961	346	13,701	23,607	.....	11,827	5,510	8,564
60 Yearling steers and bulls.....	575	110	1,168	2,596	.....	1,149	1,035	1,427
61 Other steers and bulls.....	383	50	970	1,432	.....	902	1,849	974
62 Value..... dollars.....	739,930	56,644	2,369,310	3,613,740	6,579	1,891,449	1,095,941	2,616,191
63 Horses:								
64 Total number.....	6,174	816	8,213	17,746	221	8,037	13,598	11,282
65 Mature horses.....	5,982	783	7,868	16,708	221	7,711	12,700	10,724
66 Yearling colts.....	165	32	307	892	.....	780	780	509
67 Spring colts.....	27	1	38	146	.....	38	118	49
68 Value..... dollars.....	857,034	126,107	1,144,576	2,192,669	44,247	1,059,416	1,919,251	1,468,716
69 Mules:								
70 Total number.....	22	2	38	53	2	4	123	105
71 Mature mules.....	22	2	38	44	2	4	120	101
72 Yearling colts.....	.....	.....	.....	8	.....	.....	3	3
73 Spring colts.....	.....	.....	.....	1	.....	.....	1	1
74 Value..... dollars.....	3,150	550	9,150	7,215	450	1,200	17,485	17,250
75 Asses and burros:								
76 Number.....	2	.....	1	4	.....	1	7	2
77 Value..... dollars.....	50	.....	2,000	1,825	.....	400	1,100	850
78 Swine:								
79 Total number.....	8,245	377	9,754	19,818	15	12,256	13,231	7,750
80 Mature hogs.....	3,681	306	4,616	10,499	15	6,936	8,284	4,602
81 Spring pigs.....	4,564	69	4,838	9,319	.....	5,320	4,947	3,148
82 Value..... dollars.....	73,005	3,811	89,673	180,134	105	102,790	123,582	78,083
83 Sheep:								
84 Total number.....	9,708	2,515	2,957	12,059	.....	5,225	59,794	7,602
85 Rams, ewes, and wethers.....	5,770	1,504	1,662	7,484	.....	3,277	39,249	4,822
86 Spring lambs.....	3,938	1,011	1,295	4,575	.....	1,948	20,545	2,780
87 Value..... dollars.....	50,745	9,513	17,031	64,816	.....	25,105	307,168	42,898
88 Goats:								
89 Number.....	40	7	12	9	7	4	139	14
90 Value..... dollars.....	262	24	125	46	37	25	701	87
POULTRY AND BEES								
91 Number of poultry of all kinds.....	124,075	9,884	134,528	230,378	3,814	98,569	166,149	211,716
92 Value..... dollars.....	105,243	7,091	89,820	145,889	2,953	54,581	109,453	148,843
93 Number of colonies of bees.....	2,244	248	2,179	4,574	12	1,026	3,700	2,753
94 Value..... dollars.....	9,574	1,491	10,768	22,088	70	3,709	14,141	10,204

↑ Decrease.

AGRICULTURE—NEW YORK.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Monroe.	Montgomery.	Nassau.	New York.	Niagara.	Oneida.	Onondaga.	Ontario.	Orange.	Orleans.	Oswego.	Otsego.	Putnam.
1	283,212	57,567	83,930	2,762,522	92,036	154,157	200,298	52,286	116,001	32,000	71,664	47,216	14,665
2	<i>217,864</i>	<i>47,488</i>	<i>55,448</i>	<i>2,060,600</i>	<i>74,961</i>	<i>152,800</i>	<i>168,735</i>	<i>49,605</i>	<i>105,859</i>	<i>30,164</i>	<i>70,831</i>	<i>48,080</i>	<i>15,787</i>
3	5,971	2,189	1,017	85	4,346	6,929	5,770	4,416	3,935	2,780	6,319	5,346	973
4	<i>5,889</i>	<i>2,407</i>	<i>1,658</i>	<i>184</i>	<i>4,356</i>	<i>7,232</i>	<i>6,205</i>	<i>4,328</i>	<i>5,966</i>	<i>2,964</i>	<i>6,914</i>	<i>5,684</i>	<i>1,141</i>
5	4,371	1,883	714	38	3,275	5,884	4,866	3,629	3,164	2,181	5,944	5,164	854
6	1,591	308	299	47	1,011	1,033	865	781	757	597	372	178	117
7			4		60	12	30	6	14	2	3	4	2
8	61	17	61	16	24	46	36	17	26	15	18	20	1
9	770	148	123	29	430	629	600	405	428	178	546	411	68
10	708	126	136	17	370	558	581	337	363	224	578	307	93
11	1,247	191	318	16	838	1,137	1,129	668	498	367	1,400	514	156
12	1,799	514	213	3	1,531	1,849	1,751	1,327	852	926	1,957	1,261	259
13	1,122	888	120	2	945	1,706	1,245	1,216	1,263	880	1,240	1,886	244
14	199	249	28		172	684	293	323	360	151	343	665	103
15	56	52	12	2	34	286	121	113	115	38	146	259	67
16	8	3	5		2	22	13	7	21		20	23	9
17	1	1	1			12	1	3	9	1	6		3
18	424,320	254,720	175,300	40,320	334,080	800,000	499,840	415,360	533,760	253,440	618,240	645,760	149,120
19	<i>385,206</i>	<i>234,041</i>	<i>55,770</i>	<i>1,965</i>	<i>305,500</i>	<i>690,431</i>	<i>437,958</i>	<i>387,969</i>	<i>384,145</i>	<i>232,802</i>	<i>491,998</i>	<i>592,531</i>	<i>109,703</i>
20	<i>391,941</i>	<i>236,934</i>	<i>38,458</i>	<i>8,461</i>	<i>305,456</i>	<i>453,748</i>	<i>405,003</i>	<i>405,003</i>	<i>402,519</i>	<i>237,600</i>	<i>618,936</i>	<i>618,224</i>	<i>133,899</i>
21	344,124	195,262	42,802	1,426	282,517	456,642	362,182	320,470	266,257	202,362	310,951	446,731	57,765
22	<i>339,870</i>	<i>202,594</i>	<i>69,367</i>	<i>2,599</i>	<i>279,807</i>	<i>447,559</i>	<i>383,621</i>	<i>318,948</i>	<i>284,005</i>	<i>205,279</i>	<i>319,481</i>	<i>470,787</i>	<i>70,263</i>
23	25,049	25,002	10,693	246	16,398	114,227	44,581	47,356	69,233	16,311	110,480	120,075	34,665
24	16,123	13,777	2,185	298	6,585	119,562	30,895	20,143	48,655	14,219	70,567	25,725	17,883
25	90.8	91.9	31.8	4.9	91.5	86.3	87.6	93.4	72.0	91.9	79.6	91.8	78.6
26	89.3	83.4	76.9	72.6	92.5	66.1	82.8	82.6	69.3	86.9	63.2	75.4	52.7
27	64.5	106.9	54.8	23.1	70.4	99.6	75.8	87.9	97.6	83.8	77.0	110.8	112.7
28	57.6	89.2	42.2	16.8	65.1	65.9	62.8	72.6	67.7	72.8	49.2	83.6	59.4
29	59,704,614	15,460,547	43,189,302	4,575,032	39,665,809	38,437,901	37,291,043	32,593,635	35,516,309	26,551,582	23,804,151	26,018,419	8,851,342
30	<i>40,040,453</i>	<i>12,929,031</i>	<i>18,615,422</i>	<i>7,960,204</i>	<i>33,472,530</i>	<i>20,671,633</i>	<i>31,735,498</i>	<i>23,785,950</i>	<i>24,555,161</i>	<i>16,591,431</i>	<i>19,538,148</i>	<i>21,476,964</i>	<i>7,726,794</i>
31	40.3	19.6	132.0	42.5	69.0	44.1	17.5	37.4	44.6	70.3	21.5	21.2	14.6
32	33,876,159	6,303,804	35,092,645	4,085,600	22,889,971	15,721,888	15,964,915	15,334,909	15,039,282	14,693,538	8,989,700	9,700,622	4,490,740
33	<i>25,724,770</i>	<i>5,241,800</i>	<i>10,978,640</i>	<i>7,064,600</i>	<i>13,959,900</i>	<i>12,550,500</i>	<i>16,474,480</i>	<i>12,670,520</i>	<i>10,426,160</i>	<i>3,915,900</i>	<i>9,438,800</i>	<i>9,487,140</i>	<i>3,735,090</i>
34	17,710,140	5,517,979	6,209,750	301,300	11,101,340	13,840,506	13,604,205	11,432,230	13,879,893	7,632,330	8,706,001	9,456,115	3,087,910
35	<i>11,597,480</i>	<i>4,608,340</i>	<i>5,745,490</i>	<i>688,650</i>	<i>6,636,930</i>	<i>8,687,940</i>	<i>10,149,940</i>	<i>7,990,530</i>	<i>9,462,550</i>	<i>4,335,770</i>	<i>6,062,710</i>	<i>7,567,970</i>	<i>2,895,990</i>
36	3,241,619	1,120,835	864,184	106,840	2,153,604	2,381,475	2,440,906	2,086,403	1,723,189	1,522,494	1,736,580	1,302,493	345,548
37	<i>1,894,660</i>	<i>769,600</i>	<i>906,010</i>	<i>96,130</i>	<i>736,065</i>	<i>1,435,730</i>	<i>1,679,100</i>	<i>744,055</i>	<i>1,180,400</i>	<i>935,270</i>	<i>1,167,630</i>	<i>1,223,600</i>	<i>273,500</i>
38	4,936,696	2,517,929	1,022,723	81,292	3,520,894	4,494,122	5,281,017	3,740,033	4,878,948	2,683,220	4,341,270	5,060,246	927,144
39	<i>2,323,543</i>	<i>1,008,651</i>	<i>982,223</i>	<i>110,824</i>	<i>2,039,685</i>	<i>3,287,423</i>	<i>3,430,033</i>	<i>2,321,345</i>	<i>5,480,031</i>	<i>1,507,141</i>	<i>2,378,633</i>	<i>3,414,454</i>	<i>795,584</i>
40	56.7	40.8	81.3	89.3	57.7	40.9	42.8	47.0	42.3	55.3	37.8	50.7	34.9
41	29.6	35.7	14.4	6.6	28.0	30.0	36.5	35.1	39.1	28.8	36.6	36.3	34.9
42	5.4	7.2	2.0	2.3	5.4	6.2	6.5	6.4	4.9	5.7	7.4	6.0	3.9
43	8.3	16.3	2.4	1.8	8.9	16.9	14.2	11.5	13.7	10.1	18.2	19.4	10.5
44	10,009	7,063	42,467	53,824	9,127	5,547	6,463	7,381	9,026	9,551	3,767	4,867	9,097
45	8,639	5,401	40,612	51,611	7,821	4,266	5,125	6,061	7,349	8,038	2,800	3,583	7,789
46	87.92	26.93	629.24	2,079.19	74.85	22.77	36.48	39.53	39.15	63.09	18.27	16.37	40.94
47	<i>62.12</i>	<i>25.08</i>	<i>124.05</i>	<i>2,041.20</i>	<i>45.70</i>	<i>10.10</i>	<i>36.29</i>	<i>31.29</i>	<i>25.20</i>	<i>55.00</i>	<i>19.24</i>	<i>15.50</i>	<i>22.11</i>
48	5,631	2,099	925	68	4,153	6,423	5,441	4,153	3,659	2,674	5,847	4,987	890
49	<i>4,663,352</i>	<i>2,399,736</i>	<i>957,237</i>	<i>79,411</i>	<i>3,334,662</i>	<i>6,277,656</i>	<i>5,005,166</i>	<i>3,549,862</i>	<i>4,654,754</i>	<i>2,581,228</i>	<i>4,150,592</i>	<i>4,882,883</i>	<i>862,208</i>
50	27,858	36,537	3,951	467	19,833	99,811	59,082	23,019	65,001	12,953	67,344	84,116	12,289
51	17,198	22,804	2,389	266	13,058	64,779	36,330	13,272	45,882	7,247	40,774	52,920	8,425
52	1,618	1,040	174	37	877	6,459	3,726	1,350	5,189	862	3,146	5,168	1,066
53	2,382	3,029	286	98	1,865	9,228	6,471	2,232	6,097	1,058	6,895	8,645	1,193
54	4,597	6,725	397	43	3,208	15,931	10,043	3,864	5,973	2,600	14,247	14,315	1,053
55	1,063	1,134	61	20	351	1,819	1,524	1,107	975	439	1,480	1,905	220
56	1,000	695	44	3	374	1,595	988	1,194	885	747	803	1,163	282
57	1,034,684	1,234,434	164,315	24,051	711,789	3,783,392	2,351,329	876,289	2,981,784	475,365	2,309,310	2,979,691	504,232
58	20,639	7,639	3,860	383	15,510	16,252	17,128	15,020	10,723	13,529	13,258	13,258	2,195
59	19,675	7,221	3,817	380	14,583	15,738	16,373	14,732	10,366	10,285	12,736	12,673	2,138
60	784	327	3	3	738	470	676	746	293	521	620	519	42
61	180	91	7	7	189	44	79	142	64	118	54	66	15
62	3,233,135	1,065,093	759,364	48,975	2,300,416	2,263,190	2,351,464	2,182,928	1,619,266	1,681,456	1,682,653	1,658,469	344,234
63	116	5	47	7	205	75	95	134	44	53	63	20	42
64	105	4	47	7	199	72	85	128	44	53	55	20	41
65	10	1			5	3	10	4		2	7		1
66					1			2		1	3		
67	17,430	655	9,610	1,660	34,325	10,610	15,110	23,680	7,045	10,235	7,775	3,725	5,530
68	36				3	3	6	14	8	6	4	3	3
69	595	25			875	180	885	895	710	760	1,100	5	75
70	21,786	9,098	2,698	746	17,502	18,661	21,463	17,035	8,838	10,960	13,848	14,102	2,302
71	11,356	4,944	1,520	576	9,248	9,126	12,147	9,934	4,477	6,063	7,853	7,467	1,264
72	10,430	4,154	1,178	170	8,254	9,535	9,306	7,101	4,361	4,897	5,995	6,635	1,123
73	200,058	74,709	20,446	4,734	151,312	181,181	191,052	108,250					

TABLE 1.—FARMS AND FARM PROPERTY,

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

	Queens.	Rensselaer.	Richmond.	Rockland.	St. Lawrence.	Saratoga.	Schenectady.	Schoharie.	Schuyler.
1 Population	284,041	122,276	85,969	46,873	89,005	61,917	88,235	23,855	14,004
2 <i>Population in 1900</i>	<i>152,999</i>	<i>181,697</i>	<i>67,021</i>	<i>53,298</i>	<i>89,083</i>	<i>61,089</i>	<i>49,862</i>	<i>26,864</i>	<i>16,811</i>
3 Number of all farms	720	3,654	163	1,133	8,224	3,611	1,027	3,288	1,920
4 <i>Number of all farms in 1900</i>	<i>1,183</i>	<i>3,663</i>	<i>290</i>	<i>839</i>	<i>8,353</i>	<i>3,305</i>	<i>1,194</i>	<i>3,457</i>	<i>2,103</i>
5 Color and nativity of farmers:									
6 Native white	355	3,038	71	312	7,303	3,112	835	3,238	1,858
7 Foreign-born white	359	608	92	314	918	493	191	48	53
8 Negro and other non-white	6	8	7	7	3	6	1	2	9
9 Number of farms, classified by size:									
10 Under 3 acres	160	22	20	20	19	26	3	12	1
11 3 to 9 acres	221	298	39	217	390	220	54	272	125
12 10 to 19 acres	112	237	41	215	302	242	52	166	126
13 20 to 49 acres	146	494	39	334	778	455	105	274	211
14 50 to 99 acres	59	1,041	14	237	1,840	1,004	310	747	555
15 100 to 174 acres	17	1,055	5	70	2,335	1,153	359	1,220	644
16 175 to 259 acres	4	350	1	16	1,414	332	106	432	181
17 260 to 499 acres	1	133	4	12	590	153	36	153	62
18 500 to 999 acres	2	21	1	6	48	20	2	12	5
19 1,000 acres and over	1	8	1	1	8	6	1	1	1
20 LAND AND FARM AREA									
21 Approximate land area	67,200	424,320	30,720	117,120	1,728,640	526,720	131,840	410,880	215,040
22 Land in farms	14,688	365,642	5,320	52,117	1,061,616	392,185	106,251	371,076	190,032
23 <i>Land in farms in 1900</i>	<i>25,649</i>	<i>365,007</i>	<i>11,724</i>	<i>62,060</i>	<i>1,088,728</i>	<i>406,079</i>	<i>119,677</i>	<i>367,023</i>	<i>196,718</i>
24 Improved land in farms	12,228	245,696	3,857	29,400	642,224	245,719	85,074	257,072	150,454
25 <i>Improved land in farms in 1900</i>	<i>21,865</i>	<i>256,584</i>	<i>8,048</i>	<i>38,649</i>	<i>550,010</i>	<i>271,136</i>	<i>95,368</i>	<i>238,225</i>	<i>158,991</i>
26 Woodland in farms	976	76,694	740	16,770	160,007	99,994	14,262	73,859	32,361
27 Other unimproved land in farms	1,384	43,252	723	5,947	359,285	46,476	6,915	40,110	7,217
28 Per cent of land area in farms	21.7	86.1	17.3	44.5	61.4	74.5	80.6	90.3	88.4
29 Per cent of farm land improved	83.8	67.2	72.5	50.4	51.1	62.7	80.1	69.3	79.2
30 Average acres per farm	20.3	100.0	32.5	46.0	129.1	108.0	103.5	112.9	99.0
31 Average improved acres per farm	17.0	67.2	23.7	25.9	65.9	63.0	82.8	78.2	78.4
32 VALUE OF FARM PROPERTY									
33 All farm property	29,554,632	18,216,934	3,730,574	11,194,649	49,975,175	15,960,106	7,219,178	14,454,132	9,263,801
34 <i>All farm property in 1900</i>	<i>16,030,960</i>	<i>15,289,636</i>	<i>4,390,372</i>	<i>6,629,183</i>	<i>36,510,985</i>	<i>12,019,850</i>	<i>5,691,960</i>	<i>12,460,968</i>	<i>8,377,613</i>
35 Per cent increase, 1900-1910	84.1	19.1	15.0	98.9	36.9	26.5	20.1	16.0	10.6
36 Land	25,496,970	6,417,263	2,838,750	5,381,765	22,978,114	6,066,490	3,312,785	5,330,306	3,840,310
37 <i>Land in 1900</i>	<i>11,827,740</i>	<i>6,122,530</i>	<i>3,223,000</i>	<i>2,704,650</i>	<i>18,732,620</i>	<i>5,335,210</i>	<i>2,623,370</i>	<i>5,381,400</i>	<i>3,064,810</i>
38 Buildings	3,042,140	7,092,948	639,700	4,811,982	16,652,838	6,500,760	2,582,380	5,475,104	3,553,380
39 <i>Buildings in 1900</i>	<i>2,918,020</i>	<i>6,899,440</i>	<i>767,800</i>	<i>2,274,090</i>	<i>10,082,490</i>	<i>4,943,790</i>	<i>2,016,160</i>	<i>4,616,620</i>	<i>2,903,990</i>
40 Implements and machinery	499,477	1,991,710	118,606	461,536	2,703,414	1,203,564	534,550	1,092,440	651,306
41 <i>Implements, etc., in 1900</i>	<i>754,640</i>	<i>1,045,620</i>	<i>265,670</i>	<i>223,810</i>	<i>1,743,030</i>	<i>817,650</i>	<i>377,890</i>	<i>789,320</i>	<i>538,060</i>
42 Domestic animals, poultry, and bees	516,075	2,715,013	138,619	539,416	8,640,759	2,189,292	789,463	2,556,282	1,218,805
43 <i>Domestic animals, etc., in 1900</i>	<i>550,070</i>	<i>1,582,148</i>	<i>140,092</i>	<i>309,638</i>	<i>6,652,795</i>	<i>1,522,710</i>	<i>676,480</i>	<i>1,774,088</i>	<i>969,865</i>
44 Per cent of value of all property in:									
45 Land	86.3	35.2	76.1	48.1	46.0	38.0	45.9	36.9	41.5
46 Buildings	10.3	42.2	17.1	43.0	31.3	40.7	35.3	37.9	38.4
47 Implements and machinery	1.7	7.6	3.0	4.1	5.4	7.5	7.4	7.0	7.0
48 Domestic animals, poultry, and bees	1.7	14.9	3.7	4.8	17.3	13.7	10.9	17.7	13.2
49 Average values:									
50 All property per farm	41,048	4,985	22,887	9,881	6,077	4,420	7,029	4,396	4,825
51 Land and buildings per farm	39,638	3,862	21,240	8,997	4,607	3,489	5,740	3,286	3,851
52 Land per acre	1,747.80	17.56	533.60	103.26	21.65	15.47	31.18	14.36	20.21
53 <i>Land per acre in 1900</i>	<i>481.14</i>	<i>16.77</i>	<i>275.33</i>	<i>44.66</i>	<i>17.53</i>	<i>13.14</i>	<i>21.94</i>	<i>14.66</i>	<i>20.15</i>
54 DOMESTIC ANIMALS (farms and ranges)									
55 Farms reporting domestic animals	570	3,422	141	958	7,856	3,359	977	3,068	1,772
56 Value of domestic animals	500,375	2,554,432	181,465	471,499	8,400,288	2,034,756	733,040	2,405,600	1,155,878
57 Cattle:									
58 Total number	2,048	29,594	867	3,612	162,262	25,382	7,721	40,743	10,127
59 Dairy cows	1,968	19,804	704	2,208	100,537	16,224	4,929	26,138	5,045
60 Other cows	13	1,821	10	309	7,451	1,262	236	1,833	427
61 Yearling heifers	16	2,386	70	356	13,280	2,334	672	3,951	1,141
62 Calves	48	4,060	61	533	35,445	4,379	1,577	7,173	1,951
63 Yearling steers and bulls	3	699	15	95	3,132	654	212	1,099	416
64 Other steers and bulls	3	374	7	51	2,417	529	95	549	247
65 Value	117,148	999,725	52,181	137,897	5,304,654	817,838	258,596	1,269,536	315,425
66 Horses:									
67 Total number	1,914	9,666	378	2,040	22,665	8,115	3,162	8,237	5,392
68 Mature horses	1,912	9,373	377	2,008	21,235	7,870	3,045	7,919	5,090
69 Yearling colts	1	273	1	29	1,281	217	93	270	270
70 Spring colts	1	20	1	3	149	28	24	48	32
71 Value	378,784	1,337,847	73,020	818,605	2,694,836	1,066,762	428,430	990,937	667,213
72 Mules:									
73 Total number	20	100	1	9	27	73	11	17	44
74 Mature mules	20	100	1	8	27	71	11	17	40
75 Yearling colts	1	1	1	1	1	2	1	1	3
76 Spring colts	1	1	1	1	1	1	1	1	1
77 Value	3,575	13,365	50	1,575	3,075	11,830	1,025	2,850	7,170
78 Asses and burros:									
79 Number	1	1	1	18	2	1	1	2	2
80 Value	10	20	20	530	05	50	100	50	700
81 Swine:									
82 Total number	828	12,081	712	1,200	33,935	10,612	2,952	9,645	5,401
83 Mature hogs	518	6,068	292	698	16,537	5,068	1,459	5,438	2,774
84 Spring pigs	313	6,013	420	502	17,398	5,544	1,493	4,207	2,627
85 Value	6,732	95,345	6,117	9,311	289,789	87,577	25,844	85,923	44,185
86 Sheep:									
87 Total number	15	25,190	16	421	18,513	11,483	3,501	11,422	22,982
88 Bams, ewes, and wethers	11	17,491	15	305	11,196	6,721	2,076	6,983	15,693
89 Spring lambs	4	7,699	1	116	7,317	4,762	1,426	4,439	7,289
90 Value	75	111,471	77	3,278	107,192	50,605	18,415	62,218	120,450
91 Goats:									
92 Number	11	32	1	34	120	21	3	7	182
93 Value	61	169	1	303	777	94	30	36	734
94 POULTRY AND BEES									
95 Number of poultry of all kinds	12,999	184,489	4,781	71,792	315,991	178,318	62,771	101,463	88,114
96 Value	9,370	151,085	5,083	65,065	218,997	140,328	50,484	127,364	57,355
97 Number of colonies of bees	14	2,220	295	443	5,369	1,835	1,431	6,133	1,929
98 Value	130	9,496	2,066	2,252	23,474	8,208	5,939	23,318	6,542

¹ Decrease.

AGRICULTURE—NEW YORK.

BY COUNTIES: APRIL 15, 1910—Continued.

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

	Seneca.	Steuben.	Suffolk.	Sullivan.	Tioga.	Tompkins.	Ulster.	Warren.	Washing- ton.	Wayne.	West- chester.	Wyoming.	Yates.
1	26,972	83,362	96,138	33,808	25,624	33,647	91,769	32,223	47,778	50,179	283,055	91,880	18,642
2	<i>28,114</i>	<i>82,822</i>	<i>77,588</i>	<i>32,808</i>	<i>27,951</i>	<i>53,830</i>	<i>88,422</i>	<i>29,943</i>	<i>45,624</i>	<i>48,660</i>	<i>184,287</i>	<i>30,413</i>	<i>20,318</i>
3	2,085	7,363	2,491	3,851	2,844	2,988	5,022	1,865	3,504	5,237	1,880	3,529	2,288
4	<i>2,803</i>	<i>8,179</i>	<i>3,277</i>	<i>3,887</i>	<i>3,134</i>	<i>3,270</i>	<i>5,184</i>	<i>2,121</i>	<i>3,715</i>	<i>5,238</i>	<i>2,326</i>	<i>3,519</i>	<i>2,504</i>
5	1,903	7,051	1,860	3,004	2,770	2,861	4,271	1,774	3,250	4,173	1,454	3,104	2,030
6	179	304	621	846	67	120	788	91	309	1,055	418	424	254
7	3	8	10	1	7	7	13	-----	5	9	8	1	4
8	5	23	33	3	4	7	25	5	6	14	52	8	5
9	179	429	188	153	177	233	481	81	233	469	241	218	228
10	130	358	302	164	133	194	450	83	196	522	217	207	207
11	244	721	858	530	386	398	928	198	326	1,127	425	369	310
12	665	1,984	618	1,272	826	958	1,412	497	775	1,829	445	1,026	674
13	658	2,609	252	1,205	872	884	1,118	568	1,249	1,040	306	1,158	611
14	154	892	76	387	328	235	362	239	493	187	119	408	178
15	46	301	89	134	103	78	183	161	244	46	54	122	68
16	3	45	23	32	14	6	39	25	30	2	18	12	7
17	1	1	12	21	1	-----	24	8	3	1	3	1	-----
18	215,040	896,640	591,360	641,280	332,800	304,640	729,600	562,560	635,680	383,360	286,720	384,640	219,520
19	<i>191,105</i>	<i>17,893,180</i>	<i>178,063</i>	<i>451,216</i>	<i>298,468</i>	<i>273,022</i>	<i>496,705</i>	<i>250,349</i>	<i>440,456</i>	<i>357,860</i>	<i>145,837</i>	<i>373,444</i>	<i>204,214</i>
20	<i>194,591</i>	<i>885,354</i>	<i>276,800</i>	<i>478,783</i>	<i>305,061</i>	<i>285,721</i>	<i>522,113</i>	<i>286,945</i>	<i>454,502</i>	<i>565,211</i>	<i>184,512</i>	<i>867,594</i>	<i>205,668</i>
21	166,680	599,303	95,586	102,881	227,446	215,679	242,348	100,169	313,564	300,298	60,672	305,387	166,874
22	<i>169,186</i>	<i>610,181</i>	<i>130,144</i>	<i>201,032</i>	<i>235,097</i>	<i>230,643</i>	<i>267,310</i>	<i>127,763</i>	<i>314,093</i>	<i>305,299</i>	<i>124,916</i>	<i>270,374</i>	<i>168,485</i>
23	17,832	168,374	56,398	194,897	61,193	41,353	207,293	114,853	93,566	31,585	31,451	57,538	29,007
24	6,593	50,696	24,079	68,438	9,824	15,990	47,064	35,327	39,326	25,977	23,714	50,519	8,333
25	88.9	91.3	30.1	70.4	89.7	89.6	68.1	44.5	83.3	93.3	50.9	97.1	93.0
26	87.2	73.2	53.7	42.7	76.2	79.0	48.8	40.0	70.2	83.9	62.2	71.1	81.7
27	91.7	111.1	71.5	117.2	104.9	91.4	98.9	134.2	125.3	98.3	77.6	105.8	89.3
28	79.9	81.4	38.4	60.1	80.0	72.2	48.3	53.7	88.0	57.3	48.2	75.2	72.9
29	14,539,014	37,369,043	33,637,021	19,628,466	11,085,489	14,898,795	29,439,672	6,589,380	18,459,634	34,481,902	66,156,044	23,178,376	15,576,703
30	<i>11,048,947</i>	<i>32,770,584</i>	<i>28,688,896</i>	<i>12,474,144</i>	<i>9,844,305</i>	<i>12,785,398</i>	<i>18,514,798</i>	<i>4,841,539</i>	<i>14,964,433</i>	<i>28,671,797</i>	<i>30,428,043</i>	<i>16,288,089</i>	<i>12,189,298</i>
31	32.0	14.0	41.6	57.4	12.6	17.0	60.7	51.8	23.4	45.7	117.4	42.3	28.4
32	6,725,983	16,877,117	22,074,192	7,136,320	4,263,757	5,943,219	11,748,105	2,980,818	6,976,181	16,378,468	43,397,970	10,825,513	7,335,217
33	<i>6,454,960</i>	<i>17,893,180</i>	<i>12,684,000</i>	<i>4,303,650</i>	<i>4,873,890</i>	<i>5,873,890</i>	<i>7,854,510</i>	<i>1,829,730</i>	<i>6,411,200</i>	<i>16,834,890</i>	<i>8,008,880</i>	<i>6,522,800</i>	<i>6,522,800</i>
34	5,118,900	12,668,560	8,656,954	9,136,015	4,059,730	5,749,201	12,932,390	2,408,519	6,956,470	12,081,306	19,032,340	7,407,707	5,336,605
35	<i>3,778,430</i>	<i>9,303,800</i>	<i>3,697,970</i>	<i>3,308,560</i>	<i>4,351,670</i>	<i>7,278,590</i>	<i>1,578,960</i>	<i>5,372,510</i>	<i>7,782,750</i>	<i>10,606,110</i>	<i>4,626,840</i>	<i>3,770,180</i>	<i>3,770,180</i>
36	986,004	2,652,839	1,181,898	1,119,938	827,679	1,076,402	1,764,355	418,314	1,288,068	2,225,307	1,533,007	981,070	1,025,231
37	<i>679,890</i>	<i>1,942,310</i>	<i>945,860</i>	<i>743,800</i>	<i>621,440</i>	<i>830,790</i>	<i>1,181,880</i>	<i>278,580</i>	<i>820,710</i>	<i>1,377,090</i>	<i>921,070</i>	<i>608,550</i>	<i>740,690</i>
38	1,758,962	5,171,137	1,624,977	2,236,193	1,934,323	2,129,973	2,694,822	781,729	3,239,215	3,796,821	2,132,727	3,418,336	1,679,650
39	<i>1,136,267</i>	<i>3,661,234</i>	<i>1,462,776</i>	<i>1,776,134</i>	<i>1,589,675</i>	<i>1,589,148</i>	<i>2,059,818</i>	<i>654,339</i>	<i>2,099,853</i>	<i>2,344,337</i>	<i>1,656,578</i>	<i>2,144,329</i>	<i>1,069,258</i>
40	46.1	45.2	65.8	36.4	38.5	39.9	39.9	45.2	37.8	47.5	65.6	46.7	47.1
41	35.1	33.9	25.8	46.5	36.0	38.6	43.9	36.6	37.7	35.0	28.8	32.0	35.5
42	6.8	7.1	3.5	5.7	7.5	7.2	6.0	6.3	7.0	6.5	2.4	6.6	6.6
43	12.1	13.8	4.8	11.4	17.4	14.3	10.2	11.9	17.5	11.0	3.2	14.7	10.3
44	6,997	5,075	13,463	5,097	3,898	4,980	5,862	3,533	5,180	6,584	35,180	6,568	6,808
45	5,681	4,013	12,336	4,225	2,927	3,913	4,914	2,890	3,909	5,434	33,224	5,167	5,626
46	35.19	20.62	123.97	15.82	14.29	21.77	23.65	11.91	15.63	45.77	297.58	28.99	35.92
47	<i>28.03</i>	<i>21.64</i>	<i>45.82</i>	<i>10.23</i>	<i>14.11</i>	<i>20.91</i>	<i>18.04</i>	<i>6.38</i>	<i>14.11</i>	<i>33.50</i>	<i>91.61</i>	<i>28.40</i>	<i>32.04</i>
48	2,004	6,810	2,304	3,666	2,639	2,800	4,654	1,717	3,372	4,941	1,601	3,334	2,139
49	<i>1,650,816</i>	<i>4,960,256</i>	<i>1,408,047</i>	<i>2,049,637</i>	<i>1,813,857</i>	<i>1,991,275</i>	<i>2,749,096</i>	<i>743,824</i>	<i>3,058,970</i>	<i>3,548,521</i>	<i>1,986,083</i>	<i>3,308,564</i>	<i>1,589,913</i>
50	12,640	65,480	9,666	35,814	26,913	24,220	38,321	8,630	46,760	32,867	17,798	45,217	10,303
51	7,439	37,599	5,996	21,230	16,430	15,008	23,065	5,397	28,169	20,645	11,475	28,066	5,566
52	879	2,512	500	2,746	1,045	1,431	3,163	402	2,497	1,530	1,414	1,842	757
53	1,134	6,315	1,074	4,035	3,223	2,369	3,795	866	4,379	2,389	1,841	4,797	930
54	2,014	14,775	1,615	5,672	4,860	4,413	6,298	1,400	9,791	7,193	2,182	8,038	1,988
55	591	2,577	289	1,095	804	560	962	338	1,349	600	438	1,036	506
56	592	1,202	132	1,038	445	499	1,050	227	575	510	448	838	550
57	421,547	1,886,805	379,541	1,000,255	838,094	807,686	1,246,576	240,013	1,463,921	1,121,616	853,414	1,480,140	336,724
58	7,879	20,506	6,347	7,215	6,619	8,120	9,724	3,221	10,070	15,373	5,392	11,732	7,270
59	7,365	19,226	6,273	6,323	6,191	7,718	9,576	3,066	9,614	14,590	5,274	11,117	6,851
60	414	1,130	66	321	382	351	127	147	423	679	90	551	346
61	100	150	8	71	46	51	21	8	33	104	28	64	73
62	1,039,821	2,613,884	904,696	945,919	798,691	991,995	1,354,655	428,997	1,337,332	2,099,853	1,052,720	1,580,543	984,895
63	60	237	147	46	95	78	65	11	18	132	78	65	67
64	60	221	147	44	84	74	65	11	18	127	75	64	63
65	-----	15	2	9	9	4	-----	-----	-----	4	3	1	4
66	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
67	8,710	42,448	23,765	7,650	14,320	13,340	10,135	1,650	2,475	22,230	14,449	11,820	10,680
68	2	4	3	1	2	2	7	4	3	4	17	1	5
69	75	2,615	160	190	1,000	20	240	160	95	750	1,100	200	2,150
70	9,832	17,740	9,945	7,462	4,632	8,928	14,843	2,070	12,859	20,749	5,430	10,487	7,884
71	6,081	10,731	5,979	4,564	2,381	4,728	7,395	1,423	6,497	11,112	3,590	6,258	4,539
72	3,761	7,009	3,996	2,898	2,251	4,200	7,458	647	6,362	9,637	1,840	4,229	3,345
73	<i>88,980</i>	<i>154,331</i>	<i>83,892</i>	<i>63,843</i>	<i>45,953</i>	<i>75,650</i>	<i>109,186</i>	<i>21,462</i>	<i>105,056</i>	<i>183,360</i>	<i>53,466</i>	<i>103,814</i>	<i>74,303</i>
74	15,314	53,161	3,647	6,558	13,093	19,644	5,721	12,111	36,752	24,587	1,140	24,531	36,554
75	9,989	38,957	2,785	3,754	8,293	12,021	3,147	8,652	25,662	15,514	745	17,084	23,584
76	5,325	14,204	852	2,804	4,800	7,623	2,574	3,459	11,090	9,073	395	7,447	12,970
77	91,595	260,155	15,167	31,658	70,144	102,605	28,084	51,467	180,071	120,410	10,468	129,906	151,244
78	18	212	115	35	7	2	37	22	3	94	41	28	4
79	88	973	836	222	55	9	219	85	20	302	466	141	17
80	128,791	296,172	305,844	200,742	158,031	183,706	265,195	48,354	167,477	343,400	138,296	15	

AGRICULTURE—NEW YORK.

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

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

	THE STATE.	Albany.	Allegany.	Broome.	Cattaraugus.	Cayuga.	Chautauqua.
FARMS OPERATED BY OWNERS							
1	Number of farms.....	166,674	2,348	3,797	3,301	4,850	3,492
2	Number of farms in 1900.....	<i>168,698</i>	<i>2,505</i>	<i>5,735</i>	<i>5,332</i>	<i>4,665</i>	<i>5,589</i>
3	Per cent of all farms.....	77.3	74.6	76.9	82.2	80.6	73.0
4	Per cent of all farms in 1900.....	<i>74.4</i>	<i>70.2</i>	<i>75.5</i>	<i>75.6</i>	<i>78.1</i>	<i>71.2</i>
5	Land in farms..... acres.....	15,824,840	205,127	413,142	323,622	495,597	274,496
6	Improved land in farms..... acres.....	10,606,157	161,948	266,847	236,008	308,801	226,902
7	Value of land and buildings..... dollars.....	797,712,574	9,717,455	14,545,022	10,011,199	17,898,979	14,305,384
8	Degree of ownership:						
9	Farms consisting of owned land only.....	152,343	2,210	3,292	2,968	4,501	3,088
10	Farms consisting of owned and hired land.....	14,331	138	505	333	349	404
11	Color and nativity of owners:						
12	Native white.....	144,850	2,096	3,559	3,187	4,108	3,060
13	Foreign-born white.....	21,016	249	225	109	590	430
14	Negro and other nonwhite.....	808	3	13	5	152	2
FARMS OPERATED BY TENANTS							
15	Number of farms.....	44,872	733	1,106	660	1,103	1,235
16	Number of farms in 1900.....	<i>44,203</i>	<i>955</i>	<i>1,297</i>	<i>999</i>	<i>1,255</i>	<i>1,399</i>
17	Per cent of all farms.....	23.3	22.4	22.4	16.4	18.3	25.8
18	Per cent of all farms in 1900.....	<i>23.9</i>	<i>23.5</i>	<i>25.5</i>	<i>22.6</i>	<i>20.7</i>	<i>27.8</i>
19	Land in farms..... acres.....	5,367,051	76,562	165,581	79,182	163,502	129,934
20	Improved land in farms..... acres.....	3,805,946	59,052	102,923	53,756	102,324	104,887
21	Value of land and buildings..... dollars.....	298,018,035	3,308,875	5,039,735	2,241,000	5,031,992	5,902,725
22	Form of tenancy:						
23	Share tenants.....	23,086	207	761	312	603	793
24	Share-cash tenants.....	1,013	4	28	17	15	41
25	Cash tenants.....	18,519	361	279	314	413	362
26	Tenure not specified.....	2,254	161	38	17	72	39
27	Color and nativity of tenants:						
28	Native white.....	39,389	668	1,076	643	1,024	1,118
29	Foreign-born white.....	5,386	64	29	12	72	115
30	Negro and other nonwhite.....	117	1	1	5	7	2
FARMS OPERATED BY MANAGERS							
31	Number of farms.....	4,051	65	34	56	64	58
32	Number of farms in 1900.....	<i>5,819</i>	<i>43</i>	<i>52</i>	<i>82</i>	<i>76</i>	<i>51</i>
33	Land in farms..... acres.....	838,476	8,140	6,892	8,671	10,861	6,740
34	Improved land in farms..... acres.....	431,936	5,938	4,133	6,306	7,141	5,594
35	Value of land and buildings..... dollars.....	89,015,220	930,300	266,700	530,400	476,800	518,000
MORTGAGE DEBT REPORTS¹							
36	For all farms operated by owners:						
37	Number free from mortgage debt.....	93,118	1,463	2,195	1,783	2,590	1,833
38	Number with mortgage debt.....	72,311	849	1,581	1,500	2,144	1,648
39	Number with no mortgage report.....	1,245	36	21	18	116	11
40	For farms consisting of owned land only:						
41	Number reporting debt and amount.....	62,555	748	1,272	1,286	1,884	1,369
42	Value of their land and buildings..... dollars.....	284,659,163	3,122,135	4,696,079	3,788,130	7,103,356	5,499,529
43	Amount of mortgage debt..... dollars.....	97,309,848	1,088,220	1,666,983	1,371,956	2,601,405	2,044,643
44	Per cent of value of land and buildings.....	34.2	34.9	35.5	36.2	35.2	37.2

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS							
Dairy Products							
1	Dairy cows on farms reporting dairy products.....	number.....	1,439,025	12,749	37,870	28,031	56,672
2	Dairy cows on farms reporting milk produced.....	number.....	1,151,294	8,322	27,612	23,728	44,333
3	Milk—Produced.....	gallons.....	597,903,198	4,502,221	13,668,109	12,857,144	21,911,772
4	Sold.....	gallons.....	524,279,725	1,971,595	14,799,612	11,981,529	23,000,171
5	Cream sold.....	gallons.....	1,207,474	6,825	12,859	2,213	153,045
6	Butter fat sold.....	pounds.....	36,249,617	1,195,016	426,511	547,404	505,298
7	Butter—Produced.....	pounds.....	23,461,702	355,129	535,177	410,291	549,026
8	Sold.....	pounds.....	12,630,113	188,288	236,761	259,595	292,327
9	Cheese—Produced.....	pounds.....	390,949	5,856	11,158	2,964	350
10	Sold.....	pounds.....	334,301	4,419	11,148	2,940	300
11	Value of dairy products, excluding home use of milk and cream.....	dollars.....	77,807,161	821,380	1,748,645	1,602,869	2,078,930
12	Receipts from sale of dairy products.....	dollars.....	74,939,815	775,777	1,669,487	1,561,745	2,008,086
Poultry Products							
13	Poultry—Raised.....	number.....	12,701,540	213,924	191,472	182,904	258,138
14	Sold.....	number.....	5,806,367	106,350	81,813	93,693	120,434
15	Eggs—Produced.....	dozens.....	67,688,879	1,120,292	1,181,871	1,318,670	1,660,879
16	Sold.....	dozens.....	48,074,481	817,200	820,678	1,023,682	1,214,024
17	Value of poultry and eggs produced.....	dollars.....	23,634,440	425,863	354,346	417,200	501,101
18	Receipts from sale of poultry and eggs.....	dollars.....	15,161,114	281,296	224,455	300,513	335,680
Honey and Wax							
19	Honey produced.....	pounds.....	3,191,733	86,643	82,886	40,546	84,012
20	Wax produced.....	pounds.....	43,198	1,135	1,393	641	635
21	Value of honey and wax produced.....	dollars.....	389,642	10,600	9,950	4,952	10,214
Wool, Mohair, and Goat Hair							
22	Wool, fleeces shorn.....	number.....	573,611	9,397	17,505	5,645	5,108
23	Mohair and goat hair, fleeces shorn.....	number.....	1,598	2	30	7	778
24	Value of wool and mohair produced.....	dollars.....	1,082,060	19,127	33,033	9,519	10,157
DOMESTIC ANIMALS SOLD OR SLAUGHTERED							
25	Cattle—Sold or slaughtered.....	number.....	1,027,666	8,890	23,564	19,579	35,027
26	Other cattle—Sold or slaughtered.....	number.....	630,658	7,021	12,886	10,530	16,896
27	Horses, mules, and asses and burros—Sold.....	number.....	40,006	425	1,003	046	1,077
28	Swine—Sold or slaughtered.....	number.....	794,179	13,764	17,216	9,535	22,032
29	Sheep and goats—Sold or slaughtered.....	number.....	455,790	9,875	11,140	4,552	3,981
30	Receipts from sale of animals.....	dollars.....	29,333,508	283,929	752,294	404,451	825,973
31	Value of animals slaughtered.....	dollars.....	9,927,003	221,764	150,028	159,580	209,434

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

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

	Chemung.	Chenango.	Clinton.	Columbia.	Cortland.	Delaware.	Dutchess.	Erie.	Essex.	Franklin.	Fulton.	Genesee.
1	1,028	3,367	3,009	2,316	2,044	4,286	2,715	6,082	1,940	3,046	1,651	2,406
2	<i>1,781</i>	<i>5,315</i>	<i>2,008</i>	<i>2,119</i>	<i>1,990</i>	<i>4,266</i>	<i>2,470</i>	<i>5,786</i>	<i>2,017</i>	<i>2,975</i>	<i>1,880</i>	<i>2,345</i>
3	74.2	79.1	83.4	78.2	78.3	85.0	75.4	74.4	85.3	82.9	85.5	74.0
4	<i>70.6</i>	<i>74.1</i>	<i>78.6</i>	<i>78.0</i>	<i>70.8</i>	<i>81.5</i>	<i>69.8</i>	<i>73.0</i>	<i>83.6</i>	<i>80.0</i>	<i>81.9</i>	<i>71.4</i>
5	156,583	393,645	371,604	265,357	214,464	643,575	312,981	394,865	282,897	311,103	174,040	193,088
6	118,543	259,015	166,926	210,991	145,226	392,707	233,219	300,548	119,155	156,943	80,634	156,061
7	5,585,610	11,259,365	10,668,825	11,758,017	7,092,067	17,274,397	16,837,193	34,407,153	6,308,407	10,550,888	4,241,665	14,017,516
8	1,405	3,049	2,851	2,171	1,826	4,151	2,585	5,337	1,884	2,889	1,598	2,123
9	223	318	168	145	218	135	130	745	56	157	53	283
10	1,526	3,230	2,594	2,014	1,949	4,077	2,411	4,697	1,821	2,555	1,525	1,827
11	99	134	415	296	94	199	296	1,229	119	352	125	492
12	3	3	.....	6	1	10	8	156	.....	139	1	87
13	530	841	576	538	546	694	681	1,943	260	572	257	801
14	<i>702</i>	<i>1,097</i>	<i>734</i>	<i>739</i>	<i>773</i>	<i>898</i>	<i>896</i>	<i>2,018</i>	<i>337</i>	<i>697</i>	<i>376</i>	<i>606</i>
15	24.2	19.8	16.0	18.2	20.9	13.8	18.9	23.8	11.4	15.0	13.3	24.6
16	<i>28.8</i>	<i>24.5</i>	<i>19.5</i>	<i>25.0</i>	<i>28.1</i>	<i>17.2</i>	<i>26.3</i>	<i>25.5</i>	<i>14.0</i>	<i>18.7</i>	<i>16.8</i>	<i>27.5</i>
17	64,499	134,269	69,280	84,024	79,722	109,623	104,637	156,060	39,858	69,939	28,846	90,650
18	49,337	88,084	37,288	66,787	50,366	63,169	75,900	119,482	17,652	38,424	16,586	74,603
19	2,250,065	3,262,385	2,295,670	2,904,115	2,141,095	2,631,040	4,867,649	10,449,457	928,800	2,346,935	839,290	6,051,020
20	388	359	278	291	244	91	180	392	97	173	97	575
21	6	15	31	8	19	6	25	51	10	11	4	20
22	116	420	232	232	268	563	455	1,324	127	364	120	192
23	20	47	35	7	15	34	21	176	20	24	36	14
24	515	815	514	493	533	682	597	1,534	250	501	246	681
25	15	26	62	42	13	12	74	406	10	68	9	118
26	.....	.....	.....	3	.....	.....	10	.....	.....	3	2	2
27	35	50	23	109	20	64	204	153	74	57	24	43
28	<i>15</i>	<i>61</i>	<i>32</i>	<i>89</i>	<i>31</i>	<i>78</i>	<i>171</i>	<i>125</i>	<i>58</i>	<i>49</i>	<i>29</i>	<i>39</i>
29	5,690	11,170	9,440	25,034	5,521	14,933	46,284	20,461	36,253	48,395	2,959	5,449
30	3,080	6,408	3,265	16,347	3,658	8,876	32,404	14,845	10,083	4,457	1,561	4,031
31	461,416	373,790	1,164,951	1,288,452	308,600	565,201	5,441,651	3,447,670	1,533,230	1,056,850	127,600	378,875
32	969	1,727	1,890	1,261	1,104	1,859	1,554	3,533	1,463	1,766	1,066	1,137
33	641	1,020	1,109	1,048	935	2,408	1,123	2,477	475	1,271	574	1,253
34	18	20	10	7	5	19	38	72	2	9	11	11
35	515	1,385	997	929	795	2,156	1,027	1,980	443	1,158	522	1,044
36	1,808,840	4,512,330	3,526,910	4,558,070	2,092,700	8,813,975	5,728,633	9,711,875	1,554,660	4,083,725	1,422,455	5,956,255
37	611,043	1,770,523	1,151,121	1,551,139	1,042,063	3,658,623	1,924,590	3,076,116	441,247	1,405,180	519,778	2,202,763
38	33.8	39.2	32.6	34.0	38.7	41.5	33.6	31.7	28.4	34.4	36.5	37.0

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	10,419	48,084	24,044	15,295	26,012	76,039	29,485	42,076	9,750	27,884	9,502	13,088
2	7,992	40,790	17,217	10,585	21,073	62,674	23,699	34,753	7,226	21,236	8,135	10,999
3	4,015,752	24,069,054	7,011,960	5,095,779	12,104,773	33,004,538	14,305,855	19,171,359	3,379,292	9,330,300	3,740,189	5,512,372
4	2,822,595	25,190,489	6,189,849	3,760,114	13,740,015	33,721,025	12,942,250	16,391,934	785,141	7,817,924	1,978,035	3,154,254
5	11,763	2,001	63,981	21,513	4,143	34,266	47,597	11,076	12,516	30,630	2,658	17,917
6	435,633	537,241	468,522	90,011	216,387	1,584,548	431,094	1,082,361	454,400	1,032,671	6,200	369,541
7	182,373	128,452	406,131	790,296	144,343	349,130	434,589	636,829	361,867	318,201	643,935	589,931
8	92,840	65,671	202,019	529,089	85,279	211,505	344,208	165,231	165,231	171,668	447,732	338,455
9	6,200	300	50	230	165	540	1,824	142,251	.....	.....	.....	1,000
10	.....	.....	.....	90	25	540	1,824	134,751	.....	.....	.....	.....
11	545,202	2,975,681	838,445	783,802	1,695,671	4,762,996	2,131,838	2,403,204	355,503	1,174,737	437,818	652,155
12	521,565	2,957,886	779,834	714,274	1,578,776	4,724,951	2,084,053	2,323,714	303,983	1,135,644	383,131	592,000
13	112,411	202,613	126,417	217,783	130,704	241,908	329,621	673,518	84,594	138,514	88,256	194,188
14	51,979	98,378	46,303	77,658	57,501	101,181	123,425	329,684	36,418	71,879	41,502	81,720
15	631,442	1,778,267	551,380	1,002,218	1,033,049	1,743,357	1,482,737	2,313,762	347,771	582,956	416,573	1,031,258
16	431,751	1,493,005	296,614	652,083	841,007	1,833,329	956,167	1,619,099	193,995	358,208	231,143	704,422
17	214,573	543,282	186,996	382,219	316,114	529,376	632,523	916,500	126,130	199,822	159,887	329,019
18	135,040	417,719	93,949	214,884	233,969	368,831	358,076	564,128	67,634	124,635	87,070	200,580
19	21,735	46,689	24,441	48,930	52,914	92,559	28,314	107,422	19,129	15,522	27,228	50,338
20	709	197	487	711	419	770	274	1,323	220	355	360	276
21	2,472	5,869	3,442	5,963	6,436	12,046	4,317	13,473	2,632	2,178	3,169	6,032
22	4,463	3,233	7,341	13,459	1,913	4,780	7,676	4,927	13,620	3,372	1,083	25,721
23	1	.....	40	1	142	19	.....	.....	2	20	.....	.....
24	7,799	5,899	13,039	22,045	3,787	8,087	13,034	9,674	24,537	5,595	1,542	46,420
25	8,255	35,907	16,683	10,068	20,449	30,558	22,329	35,329	5,606	16,381	4,094	9,317
26	4,522	21,880	7,525	9,581	9,300	26,250	14,419	19,880	3,275	8,081	2,914	6,584
27	333	498	1,104	656	531	630	612	1,293	236	1,130	231	789
28	6,271	8,736	13,064	15,572	6,533	13,712	21,424	30,109	5,298	15,602	4,555	14,075
29	3,682	2,819	5,591	12,483	1,738	4,887	4,887	5,977	8,396	3,114	658	25,984
30	178,157	969,102	440,135	433,267	504,615	907,796	580,519	1,196,851	166,593	448,823	96,404	610,967
31	96,454	146,268	145,666	208,527	85,662	233,877	213,302	362,982	94,997	176,565	89,873	144,034

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

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

	Greene.	Hamilton.	Herkimer.	Jefferson.	Kings.	Lewis.	Livingston.	Madison.	
FARMS OPERATED BY OWNERS									
1	Number of farms.....	2,159	395	2,152	3,702	63	2,793	2,197	3,089
2	Number of farms in 1900.....	<i>2,151</i>	<i>457</i>	<i>2,210</i>	<i>4,112</i>	<i>138</i>	<i>3,151</i>	<i>2,200</i>	<i>3,009</i>
3	Per cent of all farms.....	81.3	84.7	69.6	64.1	57.3	83.5	66.6	76.4
4	Per cent of all farms in 1900.....	<i>77.6</i>	<i>89.6</i>	<i>68.8</i>	<i>67.9</i>	<i>50.6</i>	<i>82.1</i>	<i>67.3</i>	<i>72.6</i>
5	Land in farms..... acres.....	233,499	44,688	224,572	401,921	738	376,993	219,081	263,991
6	Improved land in farms..... acres.....	135,542	16,482	155,924	273,308	622	185,308	180,233	196,313
7	Value of land and buildings..... dollars.....	9,028,338	889,265	8,943,384	17,317,080	1,821,700	8,976,807	13,779,274	10,749,302
8	Degree of ownership:								
9	Farms consisting of owned land only.....	2,055	390	2,018	3,332	57	2,674	1,789	2,817
10	Farms consisting of owned and hired land.....	104	8	134	370	6	119	408	272
11	Color and nativity of owners:								
12	Native white.....	2,020	359	1,895	3,343	47	2,387	1,905	2,826
13	Foreign-born white.....	134	39	256	359	16	405	286	259
14	Negro and other nonwhite.....	5	1	1	1	1	1	6	4
FARMS OPERATED BY TENANTS									
15	Number of farms.....	430	53	875	1,994	42	518	1,027	872
16	Number of farms in 1900.....	<i>560</i>	<i>36</i>	<i>959</i>	<i>1,839</i>	<i>172</i>	<i>624</i>	<i>1,014</i>	<i>1,096</i>
17	Per cent of all farms.....	16.2	11.3	28.3	34.5	38.2	15.5	31.1	21.6
18	Per cent of all farms in 1900.....	<i>20.4</i>	<i>7.1</i>	<i>29.7</i>	<i>31.2</i>	<i>47.3</i>	<i>16.3</i>	<i>31.0</i>	<i>26.4</i>
19	Land in farms..... acres.....	61,110	5,412	125,079	315,807	654	85,262	137,481	106,048
20	Improved land in farms..... acres.....	37,767	1,576	94,000	219,141	586	52,850	111,600	78,025
21	Value of land and buildings..... dollars.....	2,017,615	115,656	5,003,620	13,256,501	2,368,350	2,780,642	7,777,564	3,671,005
22	Form of tenancy:								
23	Share tenants.....	173	4	532	1,462	.....	335	637	481
24	Share-cash tenants.....	12	.....	3	22	.....	7	41	18
25	Cash tenants.....	238	46	308	473	31	473	334	342
26	Tenure not specified.....	7	3	32	37	11	27	15	31
27	Color and nativity of tenants:								
28	Native white.....	412	51	515	1,712	26	463	889	795
29	Foreign-born white.....	14	2	60	282	16	55	134	75
30	Negro and other nonwhite.....	4	.....	.....	.....	.....	.....	4	2
FARMS OPERATED BY MANAGERS									
31	Number of farms.....	65	19	65	82	5	32	74	81
32	Number of farms in 1900.....	<i>55</i>	<i>17</i>	<i>49</i>	<i>51</i>	<i>6</i>	<i>63</i>	<i>53</i>	<i>39</i>
33	Land in farms..... acres.....	14,515	6,387	21,718	15,133	51	12,778	33,024	11,395
34	Improved land in farms..... acres.....	4,992	839	8,071	8,934	51	3,251	19,130	8,927
35	Value of land and buildings..... dollars.....	679,150	354,800	671,251	1,037,122	288,500	271,750	1,936,220	683,730
MORTGAGE DEBT REPORTS¹									
36	For all farms operated by owners:								
37	Number free from mortgage debt.....	1,193	313	1,278	2,095	34	1,726	1,151	1,734
38	Number with mortgage debt.....	963	83	865	1,586	12	1,058	1,012	1,339
39	Number with no mortgage report.....	3	2	9	21	17	9	34	16
40	For farms consisting of owned land only:								
41	Number reporting debt and amount.....	889	81	768	1,373	9	952	787	1,149
42	Value of their land and buildings..... dollars.....	3,407,738	266,720	3,315,966	6,486,006	297,000	3,144,738	4,683,584	3,953,615
43	Amount of mortgage debt..... dollars.....	1,133,487	72,154	1,195,148	2,411,504	73,800	1,216,091	1,605,664	1,400,435
44	Per cent of value of land and buildings.....	33.3	27.1	36.0	37.2	24.8	38.7	34.3	35.4

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products..... number.....	14,552	1,165	38,976	63,270	97	34,535	16,633	34,981
2	Dairy cows on farms reporting milk produced..... number.....	11,036	1,111	31,169	50,915	93	28,795	13,009	25,088
3	Milk—Produced..... gallons.....	5,425,794	490,625	16,766,058	25,817,575	78,130	14,627,061	6,678,149	15,188,554
4	Sold..... gallons.....	1,385,859	22,426	18,193,028	28,771,236	76,272	14,805,241	4,106,215	10,150,029
5	Cream sold..... gallons.....	6,676	60	11,265	7,801	36	626	49,018	4,349
6	Butter fat sold..... pounds.....	1,662,050	32,660	550,095	949,074	.....	208,857	430,718	366,733
7	Butter—Produced..... pounds.....	316,060	77,413	189,820	604,473	49	387,922	610,978	202,888
8	Sold..... pounds.....	186,318	26,229	105,611	311,918	20	202,515	344,572	111,053
9	Cheese—Produced..... pounds.....	4,125	.....	4,100	3,654	170	6,405	2,320	1,600
10	Sold..... pounds.....	4,075	.....	4,100	3,454	160	164	1,450	100
11	Value of dairy products ¹ dollars.....	746,294	36,099	2,199,633	3,368,052	18,705	1,663,908	852,790	2,275,039
12	Receipts from sale of dairy products..... dollars.....	711,998	22,137	2,175,797	3,287,056	18,699	1,611,947	787,667	2,247,721
Poultry Products									
13	Poultry—Raised..... number.....	174,653	20,466	153,699	260,549	11,390	103,150	172,537	201,865
14	Sold..... number.....	64,880	5,788	64,454	123,713	8,270	38,642	64,804	96,405
15	Eggs—Produced..... dozens.....	865,395	63,328	852,326	1,523,713	6,858	636,297	959,746	1,455,508
16	Sold..... dozens.....	586,131	20,995	570,844	1,063,732	4,585	381,289	610,615	1,127,089
17	Value of poultry and eggs produced..... dollars.....	314,393	25,275	290,047	473,425	6,873	182,704	310,105	441,152
18	Receipts from sale of poultry and eggs..... dollars.....	182,966	8,018	181,274	314,829	3,749	104,283	175,598	316,633
Honey and Wax									
19	Honey produced..... pounds.....	45,100	5,540	77,840	95,163	.....	18,925	96,164	61,638
20	Wax produced..... pounds.....	440	124	731	1,087	.....	277	890	483
21	Value of honey and wax produced..... dollars.....	5,767	1,102	8,976	12,482	.....	2,346	12,512	7,606
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn..... number.....	5,656	1,479	1,460	6,120	.....	2,292	37,427	4,446
23	Mohair and goat hair, fleeces shorn..... number.....	14	.....	2	.....	.....	.....	13	32
24	Value of wool and mohair produced..... dollars.....	10,462	2,673	2,825	10,345	.....	3,517	68,878	7,712
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered..... number.....	8,795	454	32,873	45,462	1	25,246	13,788	24,534
26	Other cattle—Sold or slaughtered..... number.....	5,260	320	9,494	14,185	62	7,116	8,656	13,916
27	Horses, mules, and asses and burros—Sold..... number.....	404	39	385	1,024	.....	532	813	883
28	Swine—Sold or slaughtered..... number.....	11,726	636	9,911	23,796	.....	12,489	14,887	10,155
29	Sheep and goats—Sold or slaughtered..... number.....	9,757	1,036	1,168	5,029	.....	2,326	28,014	4,229
30	Receipts from sale of animals..... dollars.....	242,564	14,811	467,399	902,586	3,407	399,308	720,419	812,122
31	Value of animals slaughtered..... dollars.....	186,906	17,178	176,655	288,618	.....	157,785	144,420	177,605

¹ Excluding home use of milk and cream.

AGRICULTURE—NEW YORK.

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

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

	Monroe.	Montgomery.	Nassau.	New York.	Niagara.	Oneida.	Onondaga.	Ontario.	Orange.	Orleans.	Oswego.	Otsego.	Putnam.
1													
2	4,322	1,446	679	17	3,149	5,494	4,465	3,235	2,917	1,793	5,493	4,145	669
3	<i>4,106</i>	<i>1,550</i>	<i>1,165</i>	<i>61</i>	<i>3,071</i>	<i>5,411</i>	<i>4,564</i>	<i>3,101</i>	<i>2,804</i>	<i>1,896</i>	<i>5,617</i>	<i>3,944</i>	<i>864</i>
4	72.4	66.1	66.8	20.0	72.5	79.3	77.4	73.3	74.1	64.5	85.6	77.5	68.8
5	<i>68.7</i>	<i>64.4</i>	<i>70.8</i>	<i>55.2</i>	<i>70.5</i>	<i>74.8</i>	<i>72.4</i>	<i>71.0</i>	<i>70.7</i>	<i>64.0</i>	<i>79.8</i>	<i>70.0</i>	<i>75.7</i>
6	247,801	139,760	33,244	118	198,598	511,127	305,798	262,040	256,762	130,266	399,618	428,275	69,116
7	<i>222,110</i>	<i>115,923</i>	<i>25,412</i>	<i>103</i>	<i>184,284</i>	<i>332,471</i>	<i>254,824</i>	<i>216,204</i>	<i>183,503</i>	<i>113,260</i>	<i>252,223</i>	<i>321,379</i>	<i>38,232</i>
8	34,473,690	7,117,522	22,270,095	431,875	22,250,937	21,122,323	20,830,216	18,108,124	19,988,290	13,036,268	14,560,840	13,914,119	4,764,600
9	3,898	1,841	550	15	2,742	5,129	4,022	2,764	2,756	1,605	5,145	3,814	650
10	424	105	129	2	407	365	443	471	181	188	263	331	19
11	3,152	1,226	493	8	2,341	4,658	3,736	2,648	2,345	1,399	5,073	3,996	602
12	<i>1,165</i>	<i>220</i>	<i>133</i>	<i>9</i>	<i>756</i>	<i>825</i>	<i>695</i>	<i>581</i>	<i>565</i>	<i>393</i>	<i>332</i>	<i>145</i>	<i>67</i>
13	5	-----	3	-----	52	11	34	6	7	1	3	4	-----
14	1,527	719	303	63	1,120	1,327	1,227	1,100	847	957	864	1,128	231
15	<i>1,715</i>	<i>819</i>	<i>430</i>	<i>112</i>	<i>1,227</i>	<i>1,691</i>	<i>1,644</i>	<i>1,163</i>	<i>1,032</i>	<i>1,058</i>	<i>1,310</i>	<i>1,633</i>	<i>228</i>
16	25.6	32.8	29.8	74.1	25.8	19.2	21.3	24.9	21.5	34.4	13.7	21.1	23.7
17	<i>29.1</i>	<i>34.0</i>	<i>25.3</i>	<i>60.9</i>	<i>23.2</i>	<i>23.4</i>	<i>26.1</i>	<i>26.9</i>	<i>26.0</i>	<i>55.0</i>	<i>19.1</i>	<i>29.0</i>	<i>20.0</i>
18	124,492	89,673	17,713	1,744	98,214	158,740	120,623	116,353	95,820	99,136	84,229	151,608	27,420
19	<i>110,613</i>	<i>75,378</i>	<i>14,615</i>	<i>1,223</i>	<i>90,186</i>	<i>109,890</i>	<i>98,237</i>	<i>96,006</i>	<i>64,824</i>	<i>86,029</i>	<i>54,347</i>	<i>114,693</i>	<i>14,464</i>
20	14,356,525	4,347,361	12,605,050	3,155,025	10,406,324	6,641,008	7,194,304	7,404,635	5,524,165	8,997,350	2,796,161	4,255,228	1,513,650
21	852	458	8	-----	661	417	624	885	190	865	367	621	32
22	48	12	3	-----	24	27	16	32	11	12	14	18	-----
23	588	241	253	62	407	832	506	176	591	64	340	429	194
24	39	8	34	1	28	51	81	27	55	16	143	60	5
25	1,122	635	201	29	871	1,135	1,066	916	680	758	827	1,097	195
26	401	84	102	34	241	191	157	184	161	198	37	31	34
27	4	-----	-----	-----	8	1	4	-----	6	1	-----	-----	2
28	122	24	35	5	77	108	78	81	171	30	47	73	73
29	<i>63</i>	<i>58</i>	<i>75</i>	<i>11</i>	<i>58</i>	<i>130</i>	<i>97</i>	<i>64</i>	<i>150</i>	<i>30</i>	<i>78</i>	<i>49</i>	
30	13,003	4,608	4,812	103	8,988	20,564	11,337	9,571	31,663	3,490	8,151	14,648	13,158
31	<i>11,401</i>	<i>3,961</i>	<i>2,865</i>	<i>100</i>	<i>8,347</i>	<i>14,281</i>	<i>9,121</i>	<i>8,200</i>	<i>17,930</i>	<i>3,073</i>	<i>4,376</i>	<i>10,659</i>	<i>5,039</i>
32	2,750,084	350,900	6,427,250	800,000	1,334,050	1,799,063	1,544,100	1,254,440	3,406,720	312,250	339,300	958,390	1,300,400
33	1,939	849	442	9	1,697	3,217	2,368	1,535	1,425	840	3,127	2,284	440
34	<i>2,335</i>	<i>588</i>	<i>197</i>	<i>4</i>	<i>1,427</i>	<i>2,237</i>	<i>2,055</i>	<i>1,678</i>	<i>1,463</i>	<i>942</i>	<i>2,241</i>	<i>1,846</i>	<i>218</i>
35	48	9	40	-----	25	40	42	22	29	11	40	15	2
36	2,039	506	140	3	1,213	1,992	1,762	1,351	1,208	818	2,015	1,641	205
37	<i>14,994,945</i>	<i>2,268,987</i>	<i>2,589,150</i>	<i>140,000</i>	<i>8,197,920</i>	<i>7,733,772</i>	<i>7,833,780</i>	<i>7,023,812</i>	<i>9,213,980</i>	<i>5,679,723</i>	<i>5,569,461</i>	<i>5,333,094</i>	<i>1,453,900</i>
38	<i>5,210,430</i>	<i>878,719</i>	<i>451,643</i>	<i>15,260</i>	<i>2,486,143</i>	<i>2,785,361</i>	<i>2,911,328</i>	<i>2,650,790</i>	<i>2,931,750</i>	<i>1,841,027</i>	<i>1,851,009</i>	<i>2,241,209</i>	<i>402,015</i>
39	34.7	38.7	17.4	10.9	38.3	36.0	37.2	37.7	31.8	32.4	33.3	42.0	27.7

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

1													
2	16,463	22,128	2,040	242	12,024	62,362	34,090	12,586	43,120	6,758	38,337	50,525	7,892
3	<i>15,177</i>	<i>19,314</i>	<i>1,984</i>	<i>241</i>	<i>10,865</i>	<i>52,375</i>	<i>28,677</i>	<i>11,601</i>	<i>35,504</i>	<i>5,767</i>	<i>25,938</i>	<i>42,300</i>	<i>6,975</i>
4	7,680,902	11,123,057	1,111,278	104,693	5,070,701	28,316,062	15,458,067	5,599,195	23,905,147	2,598,719	12,778,780	22,404,721	4,207,340
5	<i>2,543,202</i>	<i>10,288,208</i>	<i>619,585</i>	<i>147,800</i>	<i>1,469,006</i>	<i>27,920,162</i>	<i>12,485,066</i>	<i>1,188,382</i>	<i>26,831,123</i>	<i>403,626</i>	<i>15,165,947</i>	<i>21,016,670</i>	<i>3,925,956</i>
6	12,994	3,877	770	167	9,641	20,225	33,755	15,482	7,126	968	11,586	24,108	4,593
7	<i>359,539</i>	<i>449,839</i>	<i>-----</i>	<i>1,800</i>	<i>293,751</i>	<i>844,243</i>	<i>1,392,198</i>	<i>837,855</i>	<i>305,020</i>	<i>409,236</i>	<i>1,188,927</i>	<i>61,278</i>	<i>-----</i>
8	1,281,766	236,592	52,708	1,466	1,026,741	435,605	411,418	580,405	212,111	392,708	412,270	235,773	62,531
9	<i>727,109</i>	<i>155,301</i>	<i>10,282</i>	<i>300</i>	<i>605,514</i>	<i>225,092</i>	<i>201,760</i>	<i>286,442</i>	<i>98,170</i>	<i>194,278</i>	<i>190,663</i>	<i>128,100</i>	<i>24,920</i>
10	4,930	950	50	40	2,593	5,445	21,895	840	2,161	2,667	1,258	100	100
11	3,700	900	50	-----	2,408	2,548	18,835	500	2,116	1,532	-----	513	100
12	869,181	1,299,789	177,563	50,480	553,713	3,462,287	2,123,637	535,985	3,570,647	238,625	1,950,833	2,820,725	573,898
13	<i>733,379</i>	<i>1,277,634</i>	<i>164,600</i>	<i>49,906</i>	<i>448,356</i>	<i>3,401,563</i>	<i>2,063,923</i>	<i>465,930</i>	<i>3,537,640</i>	<i>195,186</i>	<i>1,888,709</i>	<i>2,796,808</i>	<i>568,016</i>
14	395,429	159,955	90,292	2,885	376,162	326,843	415,772	265,294	301,946	141,824	285,802	278,578	64,978
15	<i>171,209</i>	<i>64,106</i>	<i>31,419</i>	<i>1</i>	<i>208,811</i>	<i>149,952</i>	<i>218,683</i>	<i>117,159</i>	<i>109,462</i>	<i>61,353</i>	<i>141,930</i>	<i>114,010</i>	<i>20,041</i>
16	1,791,106	616,984	318,338	16,810	1,556,470	1,877,492	1,785,684	1,547,345	1,549,084	850,702	1,598,527	2,501,158	304,821
17	<i>1,110,476</i>	<i>651,515</i>	<i>150,885</i>	<i>1,160</i>	<i>1,074,274</i>	<i>1,290,029</i>	<i>1,260,249</i>	<i>970,120</i>	<i>1,002,351</i>	<i>591,529</i>	<i>1,181,657</i>	<i>1,851,809</i>	<i>177,430</i>
18	680,385	315,798	172,231	8,705	559,882	627,181	712,423	470,342	632,119	254,025	518,137	654,828	118,322
19	<i>384,075</i>	<i>199,250</i>	<i>75,143</i>	<i>476</i>	<i>363,080</i>	<i>368,794</i>	<i>452,392</i>	<i>287,398</i>	<i>360,488</i>	<i>161,428</i>	<i>350,344</i>	<i>489,906</i>	<i>63,322</i>
20	50,787	123,366	3,846	58,513	45,078	84,381	68,658	32,843	26,405	48,314	46,504	3,989	11
21	<i>293</i>	<i>1,478</i>	<i>31</i>	<i>884</i>	<i>494</i>	<i>1,366</i>	<i>456</i>	<i>1,534</i>	<i>100</i>	<i>1,053</i>	<i>258</i>	<i>735</i>	<i>-----</i>
22	7,079	13,759	564	-----	8,239	6,569	10,621	8,523	4,396	3,404	6,078	5,799	-----
23	17,484	1,635	182	-----	16,212	3,432	9,818	41,352	1,405	38,159	3,394	5,962	611
24	<i>32,355</i>	<i>3,185</i>	<i>303</i>	<i>-----</i>	<i>30,034</i>	<i>5,765</i>	<i>19,378</i>	<i>78,407</i>	<i>2,305</i>	<i>71,873</i>	<i>5,626</i>	<i>11,010</i>	<i>878</i>
25	12,063	16,515	401	32	8,417	46,756	27,885	8,592	40,480	3,849	31,420	40,900	7,070
26	<i>8,431</i>	<i>4,442</i>	<i>375</i>	<i>17</i>	<i>5,709</i>	<i>17,314</i>	<i>10,876</i>	<i>6,654</i>	<i>20,463</i>	<i>4,048</i>	<i>19,724</i>	<i>16,724</i>	<i>4,537</i>
27	1,014	352	80	-----	1,002	1,080	1,416	803	612	1,040	1,237	810	126
28	22,228	10,087	1,466	375	20,584	22,422	25,259	20,793	8,479	11,961	15,450	18,396	2,202
29	<i>13,658</i>	<i>1,582</i>	<i>170</i>	<i>2</i>	<i>12,569</i>	<i>4,990</i>	<i>7,477</i>	<i>34,693</i>	<i>847</i>	<i>23,886</i>	<i>2,218</i>	<i>4,702</i>	<i>407</i>
30	633,798	265,270	29,718	3,541	440,475	858,681	978,530	698,797	1,036,251	475,835	779,273	930,821	134,497
31	<i>300,501</i>	<i>156,419</i>	<i>13,143</i>	<i>1,760</i>	<i>229,530</i>	<i>362,529</i>	<i>292,383</i>	<i>248,885</i>	<i>159,188</i>	<i>118,555</i>	<i>236,385</i>	<i>288,410</i>	<i>29,290</i>

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

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

	Queens.	Rensselaer.	Richmond.	Rockland.	St. Lawrence.	Saratoga.	Schenectady.	Schoharie.	Schuyler.
FARMS OPERATED BY OWNERS									
1	Number of farms.....	329	2,941	102	968	6,105	2,873	790	2,405
2	Number of farms in 1900.....	<i>633</i>	<i>2,721</i>	<i>180</i>	<i>747</i>	<i>6,132</i>	<i>2,912</i>	<i>869</i>	<i>1,569</i>
3	Per cent of all farms.....	45.7	80.5	62.6	85.4	74.2	77.5	75.9	78.9
4	Per cent of all farms in 1900.....	<i>53.3</i>	<i>74.2</i>	<i>65.5</i>	<i>79.6</i>	<i>73.4</i>	<i>76.5</i>	<i>73.0</i>	<i>76.0</i>
5	Land in farms..... acres.....	5,496	277,275	2,338	40,494	719,894	301,349	79,185	268,179
6	Improved land in farms..... acres.....	4,380	181,916	1,899	23,034	366,897	183,440	63,452	185,293
7	Value of land and buildings..... dollars.....	9,766,810	10,216,582	1,354,750	7,750,200	25,843,776	9,309,065	4,530,195	7,923,860
8	Degree of ownership:								
9	Farms consisting of owned land only.....	305	2,782	99	952	5,740	2,712	740	2,242
10	Farms consisting of owned and hired land.....	24	159	3	16	365	161	50	253
11	Color and nativity of owners:								
12	Native white.....	175	2,438	47	701	5,468	2,456	638	2,452
13	Foreign-born white.....	154	497	55	261	636	167	42	46
14	Negro and other nonwhite.....	6	6	6	6	1	1	1	6
FARMS OPERATED BY TENANTS									
15	Number of farms.....	385	642	59	106	2,035	663	217	753
16	Number of farms in 1900.....	<i>544</i>	<i>876</i>	<i>89</i>	<i>149</i>	<i>2,145</i>	<i>855</i>	<i>320</i>	<i>489</i>
17	Per cent of all farms.....	53.5	17.6	36.2	9.4	24.7	18.4	21.1	22.9
18	Per cent of all farms in 1900.....	<i>45.8</i>	<i>23.9</i>	<i>29.7</i>	<i>16.9</i>	<i>25.7</i>	<i>21.9</i>	<i>25.5</i>	<i>23.1</i>
19	Land in farms..... acres.....	8,596	79,794	2,730	5,286	325,293	79,443	25,669	96,890
20	Improved land in farms..... acres.....	7,413	57,696	1,819	3,124	167,249	55,140	20,495	67,910
21	Value of land and buildings..... dollars.....	18,097,800	3,048,079	1,909,700	1,135,127	12,073,268	2,701,335	1,270,470	2,616,800
22	Form of tenancy:								
23	Share tenants.....	3	225	1	12	1,091	260	50	394
24	Share-cash tenants.....	2	29	1	43	43	10	11	19
25	Cash tenants.....	346	331	53	41	851	318	121	302
26	Tenure not specified.....	34	57	5	53	50	69	35	38
27	Color and nativity of tenants:								
28	Native white.....	175	545	22	72	1,764	689	186	748
29	Foreign-born white.....	204	95	37	34	270	73	31	4
30	Negro and other nonwhite.....	6	2	2	1	1	1	1	3
FARMS OPERATED BY MANAGERS									
31	Number of farms.....	6	71	2	59	84	75	14	40
32	Number of farms in 1900.....	<i>11</i>	<i>71</i>	<i>14</i>	<i>43</i>	<i>76</i>	<i>58</i>	<i>6</i>	<i>51</i>
33	Per cent of all farms.....	55.6	8.473	25.2	6.337	16.329	11.393	1.397	6.007
34	Per cent of all farms in 1900.....	<i>43.5</i>	<i>6.084</i>	<i>139</i>	<i>3,242</i>	<i>8,078</i>	<i>7,135</i>	<i>1,187</i>	<i>3,904</i>
35	Value of land and buildings..... dollars.....	674,500	845,550	217,000	1,308,400	713,958	556,850	134,500	264,750
MORTGAGE DEBT REPORTS¹									
For all farms operated by owners:									
36	Number free from mortgage debt.....	167	1,855	46	559	3,055	1,747	418	1,518
37	Number with mortgage debt.....	125	1,072	45	396	2,410	1,112	371	965
38	Number with no mortgage report.....	37	14	11	13	40	14	7	12
For farms consisting of owned land only:									
39	Number reporting debt and amount.....	112	961	42	347	2,171	1,002	333	802
40	Value of their land and buildings..... dollars.....	2,782,850	3,391,085	665,800	2,533,500	9,466,418	3,210,600	1,604,880	2,388,160
41	Amount of mortgage debt..... dollars.....	635,375	1,284,682	147,031	728,028	3,012,771	1,064,219	517,459	916,703
42	Per cent of value of land and buildings.....	22.8	37.3	22.4	28.7	31.8	33.1	32.2	38.4

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

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS										
Dairy Products										
1	Dairy cows on farms reporting dairy products..... number.....	1,765	18,989	601	2,059	97,463	15,313	4,597	25,457	5,625
2	Dairy cows on farms reporting milk produced..... number.....	1,762	15,377	600	1,981	77,005	13,036	3,005	17,206	4,776
3	Milk—Produced..... gallons.....	1,639,635	7,767,542	472,811	995,655	36,484,918	5,792,769	1,500,470	9,050,972	2,500,149
4	Sold..... gallons.....	1,554,665	5,039,065	355,042	621,270	38,400,281	2,880,035	876,490	5,848,893	297,485
5	Cream sold..... gallons.....	57,016	57,016	600	863	85,184	17,305	7,730	15,692	6,439
6	Butter fat sold..... pounds.....	2,600	744,903	.....	21,057	1,487,320	759,121	191,740	2,398,411	103,820
7	Butter—Produced..... pounds.....	11,788	454,152	455	58,907	463,227	441,853	198,658	236,813	641,743
8	Sold..... pounds.....	1,349	200,395	.....	15,057	267,995	221,120	126,099	136,504	413,615
9	Cheese—Produced..... pounds.....	9,132	30,916	.....	2,620	13,550	8,397	130	170	.....
10	Sold..... pounds.....	29,755	.....	.....	1,967	13,535	7,489	68	170	.....
11	Value of dairy products..... dollars.....	293,747	1,252,398	128,785	161,552	4,491,072	787,410	253,598	1,443,765	228,262
12	Receipts from sale of dairy products..... dollars.....	289,491	1,198,481	128,591	148,197	4,435,441	726,945	233,271	1,418,629	174,342
Poultry Products										
13	Poultry—Raised..... number.....	16,431	233,772	5,568	110,988	378,535	240,211	71,011	176,000	91,868
14	Sold..... number.....	4,864	111,271	2,410	42,821	200,623	124,288	32,495	73,047	35,805
15	Eggs—Produced..... dozens.....	1,091,087	14,456	14,456	417,840	1,839,997	1,094,176	302,920	1,486,342	605,897
16	Sold..... dozens.....	10,465	763,216	7,055	235,234	1,252,999	777,431	243,399	1,248,602	439,710
17	Value of poultry and eggs produced..... dollars.....	24,249	436,403	12,812	194,881	698,880	423,247	132,420	428,454	182,437
18	Receipts from sale of poultry and eggs..... dollars.....	5,697	275,637	6,574	100,162	495,453	274,570	81,240	329,388	119,282
Honey and Wax										
19	Honey produced..... pounds.....	169	39,788	10,360	7,075	99,685	53,941	56,102	153,219	20,455
20	Wax produced..... pounds.....	3	538	.....	61	1,843	641	1,052	2,770	616
21	Value of honey and wax produced..... dollars.....	34	5,516	2,057	1,276	13,471	5,890	5,342	16,805	2,880
Wool, Mohair, and Goat Hair										
22	Wool, fleeces shorn..... number.....	.....	18,233	14	180	9,989	6,442	1,928	7,060	15,881
23	Mohair and goat hair, fleeces shorn..... number.....	.....	2	.....	.....	2	.....	.....	7	150
24	Value of wool and mohair produced..... dollars.....	.....	39,828	26	319	18,749	11,849	3,707	13,349	33,302
DOMESTIC ANIMALS SOLD OR SLAUGHTERED										
25	Calves—Sold or slaughtered..... number.....	17	13,734	101	1,402	70,331	11,934	5,542	14,960	2,391
26	Other cattle—Sold or slaughtered..... number.....	371	5,358	31	336	21,303	3,394	1,917	8,115	2,901
27	Horses, mules, and asses and burros—Sold..... number.....	23	611	1	95	1,688	443	131	484	250
28	Pigs—Sold or slaughtered..... number.....	294	15,348	592	1,346	36,900	14,058	4,360	15,792	7,176
29	Sheep and goats—Sold or slaughtered..... number.....	8,381	.....	5	200	7,767	4,530	1,433	7,655	11,954
30	Receipts from sale of animals..... dollars.....	23,824	348,487	3,060	31,814	1,183,533	237,683	93,751	363,762	179,709
31	Value of animals slaughtered..... dollars.....	3,061	191,550	5,238	16,920	404,992	191,866	82,986	215,604	62,836

¹ Excluding home use of milk and cream.

AGRICULTURE—NEW YORK.

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

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

	Seneca.	Steuben.	Suffolk.	Sullivan.	Tioga.	Tompkins.	Ulster.	Warren.	Washing- ton.	Wayne.	West- chester.	Wyoming.	Yates.
1	1,409	5,713	2,026	3,475	2,370	2,300	4,100	1,031	2,331	4,069	1,227	2,627	1,754
2	<i>1,555</i>	<i>6,248</i>	<i>2,771</i>	<i>3,525</i>	<i>2,375</i>	<i>2,467</i>	<i>4,123</i>	<i>1,837</i>	<i>2,882</i>	<i>3,873</i>	<i>1,534</i>	<i>2,681</i>	<i>1,917</i>
3	67.6	77.6	81.3	90.2	83.3	77.0	81.6	87.5	79.4	77.7	65.3	80.1	76.7
4	<i>68.7</i>	<i>78.4</i>	<i>84.6</i>	<i>86.5</i>	<i>75.8</i>	<i>75.4</i>	<i>79.6</i>	<i>86.6</i>	<i>77.8</i>	<i>78.3</i>	<i>68.1</i>	<i>76.8</i>	<i>76.6</i>
5	118,159	615,841	115,353	373,426	238,122	199,604	371,476	213,180	338,022	249,916	81,813	281,335	142,547
6	102,680	450,796	71,955	172,372	181,485	157,770	181,831	87,257	236,517	211,201	53,256	202,851	116,881
7	7,424,416	22,292,711	20,870,665	14,121,135	6,755,425	8,557,720	13,592,200	3,736,862	10,535,601	20,980,654	29,612,680	13,903,825	9,091,745
8	1,190	4,857	1,754	3,403	2,129	1,981	3,955	1,573	2,598	3,751	1,160	2,493	1,434
9	219	856	272	72	241	319	145	58	233	318	67	334	320
10	1,272	443	1,563	2,685	2,306	2,186	3,467	1,552	2,566	3,221	1,037	2,454	1,561
11	136	265	457	789	61	109	625	79	262	844	189	372	189
12	1	5	6	1	3	5	8	-----	3	4	1	1	4
13	638	1,532	353	308	452	640	727	182	656	1,099	383	661	513
14	<i>725</i>	<i>1,825</i>	<i>369</i>	<i>418</i>	<i>749</i>	<i>774</i>	<i>824</i>	<i>212</i>	<i>772</i>	<i>1,364</i>	<i>552</i>	<i>805</i>	<i>551</i>
15	30.6	21.5	14.4	8.0	15.9	21.4	14.5	9.8	18.4	21.0	20.4	18.7	22.4
16	<i>31.5</i>	<i>22.3</i>	<i>11.8</i>	<i>10.6</i>	<i>23.9</i>	<i>23.7</i>	<i>17.8</i>	<i>10.0</i>	<i>20.8</i>	<i>25.8</i>	<i>25.7</i>	<i>22.8</i>	<i>22.0</i>
17	66,916	192,671	21,757	37,123	56,236	67,751	73,298	23,953	94,937	99,775	30,508	85,729	59,371
18	58,946	141,740	13,739	16,409	42,915	53,090	44,701	9,171	67,986	82,955	17,990	58,083	48,269
19	3,781,680	6,668,131	4,500,155	1,128,100	1,418,852	2,762,600	3,107,725	471,875	2,802,378	6,848,655	12,613,030	3,856,725	3,455,536
20	543	1,228	56	28	286	471	102	67	356	810	15	416	445
21	10	46	6	7	12	12	21	2	40	35	14	10	12
22	80	274	236	202	140	136	544	106	263	245	314	230	50
23	5	34	60	71	14	21	60	7	7	9	40	5	6
24	509	1,547	220	280	442	629	629	179	608	888	261	610	450
25	37	33	135	46	6	10	94	3	206	117	51	-----	63
26	2	2	3	-----	4	1	4	-----	2	5	5	-----	-----
27	38	68	107	68	22	48	195	52	77	69	270	41	21
28	<i>43</i>	<i>100</i>	<i>137</i>	<i>160</i>	<i>10</i>	<i>29</i>	<i>74</i>	<i>72</i>	<i>61</i>	<i>49</i>	<i>190</i>	<i>35</i>	<i>36</i>
29	6,030	9,861	40,953	40,667	4,055	5,667	51,931	13,216	13,497	8,169	33,516	6,380	2,296
30	5,048	6,781	9,892	4,100	3,046	4,813	5,816	3,741	9,061	6,142	19,426	4,453	1,724
31	637,952	584,825	5,659,326	1,023,100	149,210	372,100	2,980,570	1,180,600	594,672	630,565	20,234,600	472,670	324,541
32	742	2,968	1,333	2,060	1,440	1,332	2,387	1,210	1,605	1,955	818	1,460	758
33	661	2,710	674	1,398	912	946	1,701	418	1,221	2,104	369	1,360	992
34	6	35	19	17	18	22	12	8	5	10	40	7	4
35	529	2,144	518	1,345	766	769	1,602	384	1,049	1,884	335	1,152	766
36	2,665,995	7,770,099	5,181,590	5,849,655	1,957,280	2,614,515	6,879,440	975,775	3,716,925	9,295,273	7,835,600	5,393,037	3,610,620
37	960,080	2,802,956	1,207,800	1,883,072	700,660	916,473	2,144,697	248,113	1,441,144	3,555,041	1,815,960	1,998,374	1,281,192
38	36.2	36.8	28.3	32.2	35.8	35.1	31.2	25.4	38.8	38.2	23.2	37.1	35.5

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

1	7,191	35,581	5,126	19,648	15,579	14,104	21,882	5,262	27,043	19,817	10,812	27,238	5,342
2	6,166	23,922	4,288	14,069	11,936	9,790	20,696	4,884	23,393	16,847	10,314	23,266	4,730
3	2,990,511	10,402,240	1,997,245	5,681,108	6,968,928	5,255,179	9,601,802	2,158,564	11,218,609	8,105,200	6,236,330	11,627,232	2,273,306
4	707,932	7,210,716	1,142,937	3,951,576	6,727,559	4,626,134	5,618,735	508,038	9,311,345	3,217,654	4,560,220	10,614,475	160,222
5	40,524	40,536	3,007	3,207	2,950	10,795	3,571	1,760	27,765	55,219	8,327	115,099	8,922
6	144,478	1,430,723	3,026	302,322	328,059	445,412	748,829	171,264	665,576	1,223,897	-----	641,200	376,681
7	565,500	1,067,709	222,677	670,541	189,622	386,700	602,111	312,464	254,194	638,869	221,407	191,717	332,678
8	342,142	536,333	70,224	357,386	97,373	223,139	252,548	137,985	118,209	270,792	80,284	88,162	161,742
9	2,639	39,455	1,183	6,555	-----	4,975	2,108	100	12,711	2,108	3,442	2,048	385
10	2,564	38,893	-----	4,104	-----	-----	3,200	50	12,711	1,918	2,495	1,012	150
11	274,300	1,455,094	320,171	770,830	865,989	774,753	1,111,721	216,502	1,367,254	942,530	809,885	1,368,403	192,714
12	224,120	1,325,568	276,676	683,025	841,126	732,549	1,015,894	170,423	1,327,675	875,893	765,727	1,340,704	156,044
13	152,458	319,830	614,544	255,699	139,927	171,888	346,865	73,593	202,233	340,409	205,099	145,968	118,242
14	71,712	144,277	431,766	84,795	65,742	78,139	123,239	38,560	89,703	154,711	67,284	61,259	52,244
15	837,298	1,795,457	1,302,092	1,475,541	1,090,400	1,175,707	1,732,271	302,342	1,031,020	2,096,061	700,780	1,030,355	798,683
16	591,252	1,331,672	892,482	939,514	856,056	943,917	1,124,909	175,200	718,537	1,532,207	411,518	739,896	572,685
17	266,952	568,322	810,344	557,225	329,898	370,484	683,003	109,263	401,221	631,627	406,485	292,341	227,505
18	170,400	365,407	578,652	306,752	243,682	366,634	366,634	63,990	265,830	415,164	185,637	191,274	148,682
19	54,792	85,522	1,762	37,181	44,949	120,937	57,445	18,500	65,008	49,781	23,415	102,114	23,780
20	1,819	2,611	6	808	909	2,044	956	366	1,011	400	137	709	493
21	5,891	9,323	313	4,959	5,064	9,442	8,158	2,697	8,588	6,095	4,348	12,008	2,816
22	0,149	40,356	2,270	2,685	6,053	10,931	3,231	8,864	26,444	13,649	659	16,833	24,188
23	-----	37	40	-----	-----	-----	-----	15	1	10	-----	3	-----
24	19,066	70,612	2,631	4,396	12,177	21,022	5,014	13,919	68,089	26,455	1,258	29,084	47,692
25	4,519	26,242	2,415	13,125	12,221	16,455	15,820	2,785	17,159	12,474	7,064	22,304	3,048
26	2,711	12,476	1,313	8,849	5,337	5,772	6,788	2,360	9,281	11,365	5,878	11,760	3,173
27	459	1,509	309	520	415	652	333	333	667	1,023	393	1,158	498
28	9,409	25,886	6,505	9,095	6,606	13,739	19,112	3,492	15,526	24,715	3,825	14,785	9,458
29	5,784	33,402	854	2,120	5,845	14,893	2,918	7,525	13,365	7,308	199	18,342	19,432
30	223,865	904,908	102,414	408,432	328,926	451,397	367,869	122,349	469,793	587,018	327,115	776,023	328,566
31	119,378	272,089	76,779	129,901	86,784	116,961	221,612	50,140	206,617	254,235	38,204	134,166	98,963

AGRICULTURE--NEW YORK.

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

		THE STATE.	Albany.	Allegany.	Broome.	Cattaraugus.	Cayuga.	Chautauqua.
VALUE OF ALL CROPS								
1	Total.....	dollars. 209,168,236	3,151,992	3,660,324	2,451,382	4,182,033	4,752,028	7,015,713
2	Cereals.....	dollars. 43,099,988	735,404	707,440	303,472	658,792	1,988,793	954,967
3	Other grains and seeds.....	dollars. 3,909,022	2,257	15,543	876	4,665	11,102	6,577
4	Hay and forage.....	dollars. 77,900,645	1,045,309	1,833,799	1,343,979	2,292,014	1,617,009	2,129,044
5	Vegetables.....	dollars. 39,309,544	560,054	649,420	471,769	501,663	635,210	615,102
6	Fruits and nuts.....	dollars. 24,900,491	466,225	124,904	112,785	262,805	247,700	2,417,788
7	All other crops.....	dollars. 29,528,546	342,743	330,218	218,511	402,014	282,088	892,285
SELECTED CROPS (acres and quantity)								
8	Cereals:							
9	Total.....	acres. 2,602,461	53,054	60,741	24,616	47,685	104,517	56,572
10	Total.....	bushels. 69,239,218	1,149,298	1,276,593	537,233	1,217,093	3,125,712	1,669,836
11	Corn.....	acres. 512,442	9,419	3,108	2,742	5,665	23,491	14,336
12	Oats.....	bushels. 18,115,634	264,047	94,126	85,215	175,902	850,149	504,858
13	Wheat.....	acres. 1,302,508	21,454	42,161	12,950	31,068	38,020	28,467
14	Barley.....	bushels. 34,795,277	502,177	935,955	278,170	803,741	1,210,652	846,513
15	Buckwheat.....	acres. 289,130	495	1,467	211	390	16,388	918
16	Rye.....	bushels. 6,664,121	10,916	28,147	4,407	835	364,018	19,379
17	Other grains.....	acres. 79,956	525	2,270	57	16,790	300,512	1,727
18	Dry peas.....	bushels. 1,288,888	9,071	39,080	1,842	9,562	14,420	10,652
19	Dry edible beans.....	acres. 286,276	10,638	11,293	7,804	209,281	388,598	257,341
20	Other grains.....	bushels. 5,091,745	197,474	170,020	154,982	124	585	454
21	Rye.....	acres. 130,540	10,441	346	745	124	11,326	8,841
22	Rye.....	bushels. 2,010,601	164,359	6,385	12,244	2,287		
23	Other grains:							
24	Dry peas.....	acres. 4,007	12	0	2	44	45	45
25	Dry edible beans.....	bushels. 71,486	169	270	42	1,582	1,091	681
26	Other grains.....	acres. 115,698	34	392	10	53	179	106
27	Other grains.....	bushels. 1,681,506	548	5,326	233	1,203	3,493	1,885
28	Hay and forage:							
29	Total.....	acres. 5,043,378	77,459	142,154	108,135	141,181	101,595	119,559
30	Total.....	tons. 7,055,429	80,277	137,279	113,789	237,093	151,721	228,907
31	All tame or cultivated grasses.....	acres. 4,673,541	75,483	135,363	102,021	130,016	96,199	111,839
32	Timothy alone.....	acres. 5,019,636	69,103	139,090	81,706	179,791	119,889	177,237
33	Timothy and clover, mixed.....	acres. 1,078,358	18,129	19,872	24,815	19,611	35,553	20,195
34	Clover alone.....	acres. 1,159,083	17,946	21,203	20,640	20,586	40,840	32,375
35	Alfalfa.....	acres. 2,935,470	48,953	112,270	59,131	109,071	54,661	89,661
36	Millet or Hungarian grass.....	acres. 3,215,021	43,510	113,838	47,609	150,914	62,040	141,339
37	Other tame or cultivated grasses.....	acres. 87,267	3,182	1,227	204	421	3,219	665
38	Wild, salt, or prairie grasses.....	acres. 114,864	3,694	1,763	287	651	4,495	1,241
39	Grains cut green.....	acres. 35,343	145	421	30	110	2,371	141
40	Coarse forage.....	acres. 87,042	313	1,121	69	248	5,243	297
41	Root forage.....	acres. 17,163	113	225	1,050	517	135	614
42	Other tame or cultivated grasses.....	acres. 31,147	160	342	1,755	1,075	347	1,331
43	Wild, salt, or prairie grasses.....	acres. 519,940	4,961	1,348	16,791	286	360	573
44	Grains cut green.....	acres. 412,479	3,480	883	11,346	317	324	654
45	Coarse forage.....	acres. 62,577	189	120	236	505	416	402
46	Root forage.....	acres. 63,034	162	127	185	494	452	383
47	Other tame or cultivated grasses.....	acres. 47,474	120	416	1,039	1,828	206	654
48	Wild, salt, or prairie grasses.....	acres. 89,294	220	1,062	1,532	3,535	619	1,810
49	Grains cut green.....	acres. 259,118	1,665	6,223	4,835	8,735	4,712	6,645
50	Coarse forage.....	acres. 1,876,795	10,762	34,549	30,306	52,990	30,704	49,305
51	Root forage.....	acres. 663	2	32	4	47	2	19
52	Root forage.....	tons. 6,670	30	451	66	277	57	172
53	Special crops:							
54	Potatoes.....	acres. 394,319	3,708	13,412	7,106	7,392	8,089	6,329
55	All other vegetables.....	bushels. 48,597,701	283,564	1,631,123	708,114	879,253	1,037,829	778,277
56	Tobacco.....	acres. 175,515	4,614	1,325	1,446	1,829	3,238	4,291
57	Hops.....	acres. 4,109					460	
58	Maple trees.....	pounds. 5,345,035	55		7,125	40	551,105	1
59	Maple sugar (made).....	acres. 12,023						205
60	Maple sirup (made).....	pounds. 8,677,135	21					387,162
61	Maple sirup (made).....	number. 4,948,784	2,507	267,813	39,086	377,192	27,863	387,162
62	Maple sirup (made).....	pounds. 3,160,300	401	137,397	25,553	283,532	9,068	151,844
63	Maple sirup (made).....	gallons. 993,242	693	47,279	8,861	74,581	8,428	96,686
64	FRUITS AND NUTS							
65	Total.....	acres. 17,625,093	378,796	226,631	146,332	317,510	350,022	397,141
66	Total.....	bushels. 29,456,231	577,909	247,981	155,598	555,789	639,395	699,625
67	Apples.....	acres. 11,248,203	231,398	199,084	115,582	287,788	252,458	299,329
68	Peaches and nectarines.....	bushels. 25,469,324	527,829	238,355	142,037	558,039	484,341	646,269
69	Pears.....	acres. 2,457,187	8,737	341	1,420	2,020	20,500	32,377
70	Plums and prunes.....	bushels. 1,736,483	933	146	472	510	13,149	15,486
71	Cherries.....	acres. 2,141,596	43,404	10,649	9,262	10,059	36,687	22,110
72	Quinces.....	bushels. 1,343,089	30,275	6,571	6,498	4,364	23,088	13,633
73	Grapes.....	acres. 919,017	42,230	10,420	8,901	8,973	14,913	15,848
74	Small fruits.....	bushels. 553,522	13,842	1,883	3,524	1,464	6,708	9,578
75	Strawberries.....	acres. 673,989	12,355	6,019	11,094	8,464	14,390	24,483
76	Raspberries and loganberries.....	bushels. 271,597	4,378	985	3,054	1,379	5,558	12,630
77	Nuts.....	acres. 169,031	510	85	35	172	1,820	2,951
78	Nuts.....	bushels. 132,451	603	10	4	33	507	2,020
79	Nuts.....	acres. 31,802,097	8,782	857	4,922	180,292	50,113	15,782,646
80	Nuts.....	pounds. 233,006,361	85,381	17,822	94,653	1,525,123	661,826	132,029,989
81	Nuts.....	acres. 22,496	588	31				993
82	Nuts.....	quarts. 37,857,829	821,241	72,359	298,871	255,918	243,117	1,644,853
83	Nuts.....	acres. 6,382	226	13	75	63	55	247
84	Nuts.....	quarts. 15,945,863	394,877	47,706	231,232	125,822	103,977	551,125
85	Nuts.....	acres. 11,057	227	6	48	51	73	617
86	Nuts.....	quarts. 14,751,940	251,410	10,940	45,413	84,462	100,363	709,987
87	Nuts.....	acres. 164,333	2,647	694	3,049	2,474	1,893	2,492
88	Nuts.....	pounds. 2,773,858	23,545	19,962	62,144	45,750	63,335	91,320

TABLE 5.--SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	145,095	2,250	3,221	2,473	3,553	3,443	4,923
2	Cash expended.....	dollars. 32,000,596	525,104	385,877	285,110	409,225	595,092	969,761	
3	Rent and board furnished.....	dollars. 9,311,448	103,105	118,095	79,656	111,876	187,058	170,804	
4	Fertilizer.....	Farms reporting.....	113,883	1,914	2,282	1,624	3,198	3,252	
5	Amount expended.....	dollars. 7,142,205	99,146	77,343	53,700	90,400	149,307	215,817	
6	Feed.....	Farms reporting.....	151,962	2,235	3,525	3,260	4,648	5,851	
7	Amount expended.....	dollars. 29,545,703	420,053	373,277	705,458	779,244	256,296	898,573	
8	Receipts from sale of feedable crops.....	dollars. 10,349,957	323,997	243,933	64,992	143,755	628,243	195,088	

AGRICULTURE—NEW YORK.

AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

	Chemung.	Chenango.	Clinton.	Columbia.	Cortland.	Delaware.	Dutchess.	Erie.	Essex.	Franklin.	Fulton.	Genesee.
1	1,527,279	3,398,963	2,889,128	3,411,089	2,225,408	4,628,106	4,354,576	7,210,450	1,464,798	2,964,160	1,200,801	3,970,161
2	396,326	403,116	513,418	832,031	331,135	326,781	971,387	1,580,322	221,918	544,121	228,269	1,406,037
3	4,013	1,928	13,597	427	1,768	1,203	16,538	46,392	3,257	6,988	865	488,617
4	533,790	2,150,702	1,317,408	1,119,253	1,118,894	3,250,622	1,609,288	2,283,315	728,255	1,320,419	558,530	879,985
5	255,707	439,100	594,114	254,076	523,515	371,903	386,528	1,990,494	196,928	591,627	196,341	566,620
6	71,588	103,933	66,438	889,643	66,385	160,297	586,797	704,676	43,724	40,515	35,591	387,412
7	265,855	300,184	384,163	315,059	183,711	515,300	784,038	605,251	270,716	400,490	181,205	221,490
8	37,174	21,863	38,661	61,675	20,585	21,995	51,756	100,002	15,699	33,744	15,116	64,634
9	647,657	701,758	944,535	1,228,351	608,995	523,128	1,380,613	2,577,882	355,907	1,007,274	389,945	1,893,174
10	3,955	4,065	4,923	17,385	1,852	1,420	21,508	16,942	3,078	4,413	3,526	9,342
11	106,999	177,897	154,628	410,576	74,105	45,785	744,303	588,563	96,383	144,640	121,269	388,719
12	15,371	13,945	26,380	21,369	13,028	12,980	19,351	52,789	10,314	24,820	8,801	21,048
13	253,138	440,758	649,439	503,088	396,974	337,938	468,039	1,384,876	222,971	750,302	218,517	698,648
14	2,220	35	84	112	142	12	1,704	18,340	52	565	50	29,930
15	47,219	909	1,513	1,942	1,850	220	32,920	355,870	76	10,142	902	708,786
16	618	185	1,517	64	893	131	35	1,098	515	2,086	88	2,114
17	8,713	4,939	32,853	1,244	24,348	3,140	554	23,061	9,395	62,709	1,925	50,997
18	12,087	3,554	5,470	4,456	4,825	7,191	2,705	7,477	1,646	1,384	2,451	1,175
19	188,079	75,922	102,893	81,073	110,793	132,284	54,504	169,673	25,197	27,615	44,879	21,796
20	2,923	71	286	18,280	913	254	6,449	3,340	92	438	196	971
21	43,505	1,104	3,232	230,195	44	3,609	89,229	55,579	1,127	5,849	2,350	16,778
22	21	7	58	-----	46	2	10	69	10	39	1	78
23	140	137	813	-----	450	16	200	1,152	181	733	28	1,987
24	137	37	355	15	41	19	6	1,240	80	175	14	14,700
25	1,543	494	4,352	130	335	109	71	17,787	1,144	2,447	354	234,101
26	45,468	147,616	91,171	91,729	80,895	169,596	108,893	132,529	55,649	84,528	46,879	53,609
27	51,053	222,054	103,362	89,208	130,414	247,773	122,408	207,202	50,479	107,630	50,479	92,123
28	40,756	136,972	81,451	88,013	74,969	160,542	103,667	123,147	60,697	73,431	44,726	48,747
29	30,022	150,127	66,206	78,282	83,280	191,708	94,525	148,153	41,163	64,473	42,193	58,104
30	25,141	13,962	20,733	18,931	9,292	12,050	17,025	38,973	7,058	20,430	2,911	14,441
31	18,052	17,117	16,795	17,200	11,146	15,478	17,800	46,995	6,910	20,160	3,193	16,376
32	14,203	88,838	50,659	31,528	51,741	127,029	48,803	80,498	29,422	47,741	28,100	30,107
33	10,475	104,322	46,188	20,783	58,370	175,992	46,050	96,283	25,433	40,668	27,166	34,967
34	351	566	177	2,022	412	432	1,423	1,944	222	179	726	2,542
35	456	807	167	2,383	845	644	1,707	2,601	275	249	908	2,999
36	83	65	33	45	152	39	217	259	59	4	12	1,288
37	189	152	49	59	340	79	380	734	85	7	14	3,323
38	205	877	162	177	979	1,947	616	199	492	13	119	147
39	341	1,955	142	180	2,849	4,732	660	322	326	27	115	213
40	773	32,664	3,657	35,310	12,393	18,145	35,583	1,274	13,444	5,064	12,858	227
41	509	25,744	2,865	28,677	9,730	16,783	27,928	1,218	8,128	3,362	10,797	226
42	284	1,268	2,670	1,141	218	639	766	413	2,407	2,796	1,035	451
43	157	834	2,272	1,030	302	497	708	393	1,855	2,575	997	469
44	168	2,040	879	238	910	2,772	919	499	968	2,301	133	319
45	440	4,556	1,348	418	1,888	4,881	1,983	1,673	1,255	3,327	329	505
46	4,254	7,513	6,159	2,325	4,765	5,636	3,539	8,402	1,579	5,984	933	4,050
47	20,349	66,348	33,425	9,422	44,696	50,608	24,938	56,985	6,196	37,172	6,951	32,986
48	6	23	6	12	33	7	12	6	16	16	2	12
49	85	189	111	50	248	79	252	48	9	83	9	59
50	3,724	4,843	8,673	3,144	4,961	4,331	3,041	23,587	2,769	7,273	2,485	9,585
51	370,110	671,087	1,325,041	232,702	750,187	479,061	309,275	3,014,450	269,319	1,433,761	271,568	1,217,791
52	969	1,284	1,059	1,291	2,229	1,094	1,679	10,270	662	824	579	3,093
53	1,093	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
54	1,512,462	-----	396	-----	-----	-----	51,120	315	91	55	-----	-----
55	-----	78	3	-----	-----	-----	-----	-----	-----	919	-----	-----
56	-----	69,749	2,009	-----	-----	150	-----	-----	-----	474,515	5	-----
57	6,353	178,936	128,657	628	184,402	325,831	494	125,015	98,199	218,284	43,439	30,391
58	1,482	153,605	48,295	114	113,332	134,288	603	82,551	96,121	216,251	8,348	3,478
59	1,627	34,713	21,960	557	41,638	68,958	198	27,691	9,240	28,827	8,570	7,965
60	84,684	162,127	159,872	617,380	117,521	213,823	424,730	613,450	80,040	74,533	34,088	429,233
61	85,621	244,443	75,818	1,056,771	140,350	362,019	863,291	680,791	49,481	75,945	35,250	638,015
62	62,770	145,004	147,313	297,579	95,277	190,896	303,015	472,932	71,168	73,303	31,181	300,866
63	84,726	234,738	73,601	892,590	131,575	350,229	794,753	623,234	49,257	75,795	33,937	581,026
64	3,729	24	82	51,818	402	89	68,741	10,987	472	49	48	14,530
65	1,731	9	21	8,411	229	32	30,182	3,858	19	29	40	5,706
66	5,458	7,474	3,548	170,777	7,918	8,024	34,870	70,056	1,527	291	1,188	85,035
67	4,580	6,650	1,880	121,691	4,994	6,971	23,805	31,327	1,365	66	920	36,698
68	5,375	5,414	5,111	17,433	5,641	8,992	14,690	25,301	2,691	511	907	13,525
69	2,529	2,044	84	7,784	1,883	3,105	10,731	10,680	405	24	240	8,916
70	7,219	3,603	3,810	78,526	8,197	5,759	7,097	29,483	4,273	376	736	11,070
71	1,983	1,000	140	25,002	1,629	1,653	3,474	10,534	344	30	112	3,758
72	45	8	1	1,180	42	45	1,242	4,524	4	3	14	4,038
73	6	-----	-----	278	13	24	382	1,229	-----	-----	-----	1,976
74	3,579	2,041	770	804,674	1,026	1,026	72,594	1,141,278	14,116	314	684	8,060
75	50,273	52,073	12,923	3,482,633	20,310	30,666	585,356	10,638,940	57,579	5,761	14,001	165,429
76	142	56	21	620	69	43	214	1,603	42	79	76	95
77	199,321	78,380	30,947	1,274,978	81,873	71,250	591,877	3,070,452	44,083	66,283	179,470	130,784
78	45	18	12	309	20	16	160	598	12	51	38	36
79	120,074	39,116	18,366	851,646	35,340	30,650	490,816	1,059,635	22,273	34,098	135,165	58,028
80	82	23	5	153	33	14	21	908	19	19	24	44
81	63,824	24,663	5,524	202,083	31,691	18,467	43,612	1,277,766	14,132	22,260	20,373	60,028
82	1,631	2,531	736	3,092	5,174	8,403	1,765	4,498	2,986	83	525	1,574
83	32,518	81,102	26,993	58,855	52,275	96,087	40,788	96,614	22,571	4,025	12,265	50,559

AGRICULTURE—NEW YORK.

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

		Greene.	Hamilton.	Herkimer.	Jefferson.	Kings.	Lewis.	Livingston.	Madison.
VALUE OF ALL CROPS									
1	Total.....dollars.....	2,207,795	200,907	2,847,042	5,691,706	518,632	2,885,393	4,830,161	3,988,117
2	Cereals.....dollars.....	363,044	9,955	413,553	1,297,715	1,107	385,069	1,343,332	635,247
3	Other grains and seeds.....dollars.....	1,117	318	3,221	47,603	1,540	3,051	601,026	13,955
4	Hay and forage.....dollars.....	912,741	96,154	1,730,104	3,341,954	1,530	1,039,424	1,325,068	1,828,307
5	Vegetables.....dollars.....	219,711	44,514	394,461	454,184	133,448	290,954	803,079	752,130
6	Fruits and nuts.....dollars.....	458,937	3,495	108,242	72,847	1,132	21,936	188,845	138,339
7	All other crops.....dollars.....	252,245	40,561	221,661	477,098	381,875	544,059	567,311	618,139
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total.....acres.....	24,933	652	23,169	96,853	35	29,603	68,933	36,579
10	Total.....bushels.....	554,923	13,986	731,647	2,431,408	1,682	759,632	1,985,761	1,119,114
11	Corn.....acres.....	6,717	102	3,876	7,365	35	1,370	8,995	5,990
12	Oats.....acres.....	189,104	3,186	172,573	240,800	1,682	37,522	346,213	212,790
13	Wheat.....acres.....	8,758	403	17,264	82,864	.....	25,922	30,746	23,261
14	Barley.....acres.....	207,583	8,396	511,560	2,050,568	.....	668,966	960,346	712,637
15	Buckwheat.....acres.....	235	.....	46	398	.....	24	21,036	680
16	Rye.....acres.....	4,723	.....	1,220	5,997	.....	423	520,775	14,466
17	Dry peas.....acres.....	91	1	610	3,575	.....	1,605	2,566	2,353
18	Dry edible beans.....acres.....	40	10,699	80,141	80,141	.....	41,283	58,076	66,006
19	Other grains.....acres.....	5,068	144	1,263	1,695	.....	1,570	1,702	4,208
20	Timothy alone.....acres.....	92,452	2,329	20,793	32,950	.....	10,007	29,654	111,431
21	Timothy and clover mixed.....acres.....	4,048	2	104	239	.....	88	3,896	115
22	Clover alone.....acres.....	58,468	35	2,560	2,461	.....	1,120	60,791	1,734
23	Other grains:								
24	Dry peas.....acres.....	4	4	22	835	.....	23	78	127
25	Dry edible beans.....bushels.....	57	78	462	13,242	.....	397	1,150	4,303
26	Other grains.....acres.....	18	1	78	947	.....	33	18,446	214
27	Other grains.....bushels.....	360	31	870	15,632	.....	540	255,244	2,371
28	Hay and forage:								
29	Total.....acres.....	72,556	9,136	100,290	227,856	65	97,868	79,573	107,320
30	Total.....tons.....	62,748	6,103	190,797	341,544	90	156,063	120,272	238,587
31	All tame or cultivated grasses.....acres.....	70,151	8,446	92,275	203,456	43	83,409	75,600	95,025
32	Timothy alone.....acres.....	57,402	5,331	125,456	179,227	68	95,084	80,768	133,174
33	Timothy and clover mixed.....acres.....	6,906	351	8,704	58,373	23	5,479	35,456	22,826
34	Clover alone.....acres.....	7,379	284	12,301	46,206	48	6,829	40,021	31,102
35	Alfalfa.....acres.....	37,096	3,709	80,205	142,728	20	68,242	32,483	58,817
36	Millet or Hungarian grass.....acres.....	32,728	2,527	109,088	129,083	20	79,260	37,581	79,219
37	Other tame or cultivated grasses.....acres.....	1,280	5	749	795	.....	179	5,818	1,175
38	Wild, salt, or prairie grasses.....acres.....	1,594	10	1,230	1,219	.....	308	8,076	1,893
39	Alfalfa.....acres.....	83	.....	244	120	.....	55	1,306	5,359
40	Millet or Hungarian grass.....acres.....	198	.....	595	287	.....	120	3,476	14,459
41	Other tame or cultivated grasses.....acres.....	197	199	78	413	.....	449	40	177
42	Wild, salt, or prairie grasses.....acres.....	283	133	148	731	.....	989	49	332
43	Grains cut green.....acres.....	24,589	4,182	2,295	1,027	.....	9,005	587	6,071
44	Coarse forage.....acres.....	15,230	2,377	2,004	801	.....	8,468	565	6,079
45	Root forage.....acres.....	1,098	406	60	3,314	20	5,920	118	692
46	Other tame or cultivated grasses.....acres.....	523	413	53	4,435	20	7,605	110	612
47	Grains cut green.....acres.....	514	257	1,164	2,340	2	1,840	213	692
48	Coarse forage.....acres.....	804	301	2,477	3,316	2	3,378	423	1,908
49	Root forage.....acres.....	793	27	6,771	18,716	.....	6,658	3,542	10,897
50	Other tame or cultivated grasses.....acres.....	4,019	58	62,721	154,324	.....	48,635	20,888	102,787
51	Wild, salt, or prairie grasses.....acres.....	90	.....	20	30	.....	32	10	14
52	Other tame or cultivated grasses.....acres.....	90	.....	20	242	.....	461	83	106
53	Special crops:								
54	Potatoes.....acres.....	1,948	418	4,167	5,319	591	4,102	11,163	4,566
55	All other vegetables.....bushels.....	160,133	46,324	520,121	789,027	57,728	627,771	1,438,099	619,283
56	Tobacco.....acres.....	1,452	101	1,952	1,952	848	748	5,435	6,718
57	Hops.....pounds.....	25	.....	10,050	.....	.....	222	.....	25
58	Maple trees.....acres.....	.....	300	15,200	.....	.....	41	.....	1,503
59	Maple sugar (made).....pounds.....	85,000	28,204	41,270	213,084	.....	36,515	.....	1,384,508
60	Maple sirup (made).....gallons.....	87,596	9,641	5,323	172,606	.....	341,780	2,541	46,178
61	Maple sirup (made).....gallons.....	17,957	5,198	11,454	43,537	.....	77,607	708	22,728
62	Maple sirup (made).....gallons.....	.....	.....	.....	.....	.....	.....	.....	13,273
63	FRUITS AND NUTS								
64	Total.....trees.....	449,602	4,847	96,417	90,616	66	30,496	189,671	163,970
65	Total.....bushels.....	721,179	6,463	145,437	86,592	49	33,553	243,097	238,115
66	Apples.....trees.....	274,123	4,793	83,601	79,896	50	29,341	144,958	140,569
67	Peaches and nectarines.....trees.....	630,061	6,451	136,231	82,413	40	33,190	218,441	225,464
68	Pears.....bushels.....	22,624	.....	17	331	4	14	19,251	216
69	Plums and prunes.....trees.....	122,832	.....	33	105	4	2	12,767	66
70	Cherries.....bushels.....	75,902	.....	4,047	2,890	12	256	8,634	6,563
71	Quinces.....trees.....	19,242	51	6,157	1,043	5	186	4,562	6,031
72	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
73	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
74	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
75	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
76	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
77	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
78	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
79	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
80	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
81	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
82	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
83	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
84	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
85	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
86	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
87	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
88	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
89	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
90	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
91	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
92	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
93	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
94	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
95	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
96	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
97	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
98	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
99	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
100	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
101	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
102	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
103	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
104	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
105	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
106	Grapes.....bushels.....	122,832	.....	4,047	2,890	12	256	8,634	6,563
107	Grapes.....bushels.....	122,832	4,047	2,890	12	256	8,634	6,563
108	Grapes.....bushels.....	122,832	4,047	2,890	12	256	8,634	6,563
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AGRICULTURE—NEW YORK.

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

	Monroe.	Montgomery.	Nassau.	New York.	Niagara.	Oneida.	Onondaga.	Ontario.	Orange.	Orleans.	Oswego.	Otsego.	Putnam.
1	9,349,960	2,673,527	2,541,508	184,420	6,497,062	5,887,675	5,715,757	6,082,295	3,909,009	5,040,374	3,709,543	4,962,498	726,150
2	2,241,909	756,512	232,842	707	1,023,160	719,590	1,375,732	1,794,190	465,883	1,222,607	630,762	774,475	93,109
3	503,314	3,078	5,382	30	188,173	10,310	14,177	287,122	10,181	636,676	8,115	4,126	320
4	1,369,076	1,433,171	183,835	6,096	1,081,740	2,851,262	2,149,415	1,158,204	1,806,206	705,245	1,709,608	2,336,498	384,108
5	1,984,715	204,201	1,763,189	83,672	711,847	1,089,590	1,459,496	1,008,012	998,515	509,990	612,473	586,792	99,684
6	2,405,199	101,027	50,469	6,207	2,758,296	183,607	292,299	956,836	382,505	1,961,639	415,870	150,148	74,686
7	845,747	175,638	307,841	88,708	153,846	1,033,316	424,638	877,871	245,719	104,151	332,715	1,110,459	74,243
8	102,869	42,071	6,853	9	83,592	40,860	76,404	92,231	20,241	50,030	39,859	45,698	3,551
9	3,218,788	1,288,282	361,588	700	2,394,468	1,226,184	2,272,156	2,733,716	656,559	1,570,703	1,084,892	1,344,811	151,342
10	19,584	10,003	5,595	0	19,261	10,341	15,393	18,633	10,479	8,434	14,411	7,063	2,395
11	779,032	398,257	336,173	700	728,473	402,658	707,355	593,109	451,179	375,533	491,706	305,066	124,328
12	39,300	25,607	205	0	33,480	20,006	38,775	41,304	4,749	17,245	20,591	28,742	710
13	1,365,560	726,420	4,361	0	906,239	721,440	1,127,012	1,368,407	114,215	584,442	504,314	827,035	19,022
14	35,177	312	341	0	26,717	555	7,556	21,439	1,281	20,863	330	84	17
15	866,903	7,893	7,702	0	577,082	14,384	173,499	532,138	24,190	527,634	6,776	621	250
16	2,795	284	1	0	1,472	896	6,295	5,957	15	2,150	182	633	3
17	78,960	7,933	18	0	32,237	25,105	166,274	159,584	229	56,406	3,646	17,280	22
18	614	5,470	49	0	1,519	2,613	3,651	1,908	940	632	3,808	8,450	172
19	11,631	183,434	1,054	0	31,065	54,411	82,839	31,868	17,782	12,762	71,394	188,855	3,161
20	5,392	486	602	0	1,496	423	688	2,987	2,777	673	524	130	254
21	101,586	8,907	12,280	0	28,141	7,572	11,594	51,700	48,960	13,163	6,771	2,395	4,559
22	60	21	1	0	170	98	74	83	0	1,287	27	11	0
23	1,279	422	3	0	2,708	2,360	925	1,419	3	21,658	660	296	0
24	16,044	103	7	0	5,265	172	245	9,195	20	19,435	189	41	0
25	241,502	875	98	9	73,273	2,214	3,038	113,303	191	291,191	1,628	1,325	4
26	68,969	86,409	6,624	169	67,539	178,202	114,487	72,523	109,520	44,313	104,704	158,490	24,313
27	97,959	130,173	10,789	335	82,468	321,802	215,059	93,364	188,241	57,749	166,002	254,991	29,087
28	65,448	82,109	5,856	149	65,033	164,061	104,478	70,210	104,866	42,605	95,113	147,566	22,819
29	80,007	94,777	8,834	263	72,641	223,171	148,720	81,182	117,765	52,254	122,088	171,414	22,143
30	19,623	23,867	4,010	89	18,105	21,072	38,686	24,273	18,962	14,286	11,503	15,240	1,419
31	22,118	26,937	5,980	171	20,469	31,768	49,151	26,108	22,922	16,571	15,527	16,612	1,762
32	39,906	51,322	1,602	30	42,319	123,416	48,006	38,859	34,741	24,825	78,577	103,234	8,329
33	48,880	58,529	2,285	36	46,835	166,684	62,034	44,316	39,399	30,318	100,479	124,990	8,849
34	3,584	5,411	72	0	2,257	1,608	2,454	4,940	324	2,814	1,369	58	0
35	4,656	6,951	99	0	2,704	2,762	3,633	6,735	563	3,917	1,323	2,298	73
36	1,270	201	81	0	195	1,913	13,486	1,442	224	329	69	175	22
37	3,205	490	372	0	536	5,604	31,649	3,412	408	830	141	422	65
38	228	289	13	3	34	363	97	40	657	119	298	486	72
39	315	572	20	6	44	925	198	65	895	188	687	1,927	113
40	837	1,019	78	27	2,123	16,688	1,749	650	49,958	532	4,496	27,662	12,919
41	833	1,298	72	50	2,053	15,428	2,055	546	53,578	424	3,896	22,165	11,280
42	340	10	399	20	52	1,607	580	236	1,066	347	1,635	1,262	301
43	355	10	274	72	86	1,704	487	170	933	404	1,827	934	328
44	477	92	249	0	121	1,661	479	140	1,184	145	1,430	706	473
45	787	131	860	0	363	3,501	1,395	352	2,350	159	4,332	2,045	722
46	2,697	4,198	1,903	0	2,321	10,860	8,906	1,910	2,399	1,212	5,912	8,422	626
47	16,775	35,253	575	0	9,348	93,282	64,112	11,300	17,151	4,866	37,720	80,321	5,865
48	7	0	17	0	12	14	4	27	5	4	5	33	4
49	35	2	246	0	30	144	345	360	42	66	65	277	29
50	20,211	2,007	8,685	38	6,918	8,721	13,794	14,857	3,063	4,111	7,507	7,946	863
51	2,796,728	103,644	1,168,369	6,776	663,192	1,192,575	1,671,835	1,642,755	288,341	571,609	997,874	1,059,120	85,494
52	9,491	1,021	10,472	376	6,953	8,715	8,525	9,426	6,164	4,418	3,126	1,446	327
53	0	0	0	0	1,173	0	1,568,950	300	0	0	340,041	110	0
54	0	0	0	0	20	2,504	2	427	0	0	2,801	0	0
55	0	148,329	0	0	1,604,878	2,000	282,253	29	2	0	2,287,888	0	0
56	4,415	9,470	69,989	870	0	870	22,241	10,494	1,827	5,718	69,783	119,910	181
57	95	294	6,487	0	6,487	4,707	888	491	595	25,028	59,653	299	0
58	1,087	2,941	21,948	156	21,948	6,983	2,696	751	1,294	19,088	26,669	28,669	29
60	1,407,691	97,908	18,547	58	2,078,430	212,550	269,171	598,387	388,988	970,629	404,084	220,042	61,349
61	3,936,393	140,105	22,908	30	3,378,943	279,943	317,129	432,317	2,533,849	432,317	2,533,849	295,931	127,622
62	702,841	77,804	10,140	35	804,165	184,979	202,140	369,050	122,633	549,749	269,724	164,986	48,483
63	2,592,378	131,264	15,403	0	2,366,660	264,827	283,411	613,214	277,355	2,229,462	405,951	282,384	121,815
64	339,375	309	4,015	0	591,950	103	6,409	59,495	212,879	157,934	16,271	60	4,698
65	257,576	226	2,201	0	561,439	16	2,933	37,505	124,282	140,898	9,421	19	2,095
66	192,134	5,159	3,491	19	331,710	9,860	13,900	74,451	33,008	196,513	101,412	10,358	3,149
67	117,044	2,742	4,746	30	218,227	7,685	11,959	45,927	21,994	105,233	58,163	8,965	1,955
68	92,986	9,001	72	0	180,801	11,686	20,226	52,603	11,470	26,313	12,529	10,569	2,353
69	75,250	4,411	0	0	148,792	6,177	11,066	32,761	4,617	25,971	8,335	3,525	1,046
70	49,831	5,561	487	4	61,786	5,885	25,932	38,394	7,863	14,682	3,508	4,021	2,147
71	28,137	1,447	287	0	29,011	1,447	8,993	28,374	3,635	8,979	3,461	1,037	605
72	30,121	4	174	0	58,296	36	448	6,998	954	25,233	557	32	485
73	25,842	0	128	0	56,124	1	116	3,289	435	23,125	77	0	201
74	188,477	8,612	1,139	23	358,312	6,049	47,149	1,631,644	200,733	58,321	8,891	1,265	2,134
75	2,138,752	81,787	18,275	320	4,065,201	114,405	630,767	11,155,951	1,098,745	665,904	160,299	37,272	12,060
76	1,283	89	149	9	752	193	359	2,182	236	784	132	132	8
77	2,540,005	117,489	268,726	51,109	1,179,339	382,329	862,253	2,903,359	1,727,892	300,311	1,488,187	184,098	14,323
78	396	21	144	9	180	113	149	87	810	53	361	37	3
79	1,103,390	45,515	263,682	50,900	328,986	269,840	412,545	121,686	795,411	92,569	1,021,121	73,772	9,658
80	602	38	2	0	305	48	143	1,907	156	83	816	58	1
81	951,895	45,454	1,458	0	475,729	67,269	318,712	2,560,565	274,352	105,157	354,126	78,269	795
82	4,850	2,700	17	0	1,671	1,939	5,607	1,982	5,564	1,449	28,021	3,709	220
83	91,081	42,530	1,140	0	58,207	88,756	116,185	31,665	48,509	46,480	146,163	117,940	7,390

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	4,242	1,659	793	78	2,903	4,401	3,761	3,428	2,836	2,145	3,861	3,688	661
2	1,489,055	372,973	759,565	132,401	853,388	904,250	848,659	935,570	1,092,116	503,833	430,434	605,933	224,775
3	874,720	163,487	201,133	105,441	271,511	233,518	261,653	258,796	310,363	10			

AGRICULTURE—NEW YORK.

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

		Queens.	Rensselaer.	Richmond.	Rockland.	St. Lawrence.	Saratoga.	Schenectady.	Schoharie.	Schuyler.
VALUE OF ALL CROPS										
1	Total	2,444,835	3,257,677	420,523	745,487	7,211,760	2,531,122	1,029,029	3,265,620	1,586,607
2	Cereals	31,918	756,375	6,576	77,707	1,321,655	690,853	302,684	639,505	477,262
3	Other grains and seeds	740	3,011		605	15,746	4,180	2,210	5,908	37,224
4	Hay and forage	17,607	1,160,069	18,312	193,818	4,559,215	897,354	405,288	1,321,364	563,274
5	Vegetables	1,408,984	718,573	311,944	130,811	589,215	485,423	132,956	219,464	149,554
6	Fruits and nuts	4,459	297,582	13,526	128,062	100,136	171,405	86,918	126,844	244,955
7	All other crops	981,127	322,037	70,165	213,644	625,783	272,898	98,964	952,537	114,338
SELECTED CROPS (acres and quantity)										
8	Cereals:									
9	Total	830	49,297	288	4,056	90,844	44,075	20,042	46,264	36,783
10	Corn	44,140	1,227,210	9,944	117,018	2,443,932	1,157,875	506,170	1,068,641	758,889
11	Oats	741	13,265	216	2,242	9,761	14,568	3,470	5,492	5,031
12	Wheat	41,585	409,503	8,386	81,578	316,811	482,561	109,694	197,520	184,500
13	Barley	33	18,456	81	694	74,589	15,819	9,320	25,190	15,531
14	Buckwheat	1,225	516,979	550	17,680	1,972,670	436,832	247,045	573,010	291,237
15	Rye	1	53	3	91	550	127	19	399	4,003
16	Other grains:	20	1,314	50	1,288	9,188	3,466	268	0,334	83,906
17	Dry peas	6	109	8	12	2,811	2,103	468	1,968	1,968
18	Dry edible beans	4	3,938		168	75,975	2,462	5,641	13,582	30,259
19	Hay and forage:	50	81,974		161	2,774	6,810	4,392	12,912	10,363
20	Total	51	13,453	38	405	63,910	130,163	102,155	240,770	191,063
21	Timothy alone	1,254	213,343	920	13,826	4,208	103,261	40,250	84,207	28,024
22	Timothy and clover mixed									
23	Clover alone									
24	Alfalfa									
25	Millet or Hungarian grass									
26	Other tame or cultivated grasses									
27	Wild, salt, or prairie grasses									
28	Grains cut green									
29	Coarse forage									
30	Root forage									
31	Special crops:									
32	Potatoes									
33	All other vegetables									
34	Tobacco									
35	Hops									
36	Maple trees									
37	Maple sugar (made)									
38	Maple sirup (made)									
39	FRUITS AND NUTS									
40	Total	1,226	224,755	3,253	98,701	152,711	178,640	68,747	197,799	173,581
41	Apples	1,424	345,776	1,955	135,221	181,036	192,452	90,270	233,648	153,441
42	Peaches and nectarines	122	159,554	742	53,390	150,130	137,202	49,032	163,702	90,507
43	Pears	102	306,738	1,211	110,235	180,406	175,808	82,252	219,343	108,352
44	Plums and prunes	613	13,353	1,910	21,081	9	1,338	729	1,674	51,993
45	Cherries	804	1,387	488	7,034		14	51	51	24,706
46	Quinces	403	28,049	478	11,166	428	15,718	4,719	8,671	5,888
47	Grapes	372	28,727	213	8,601	330	10,427	3,613	6,488	4,359
48	Small fruits:	3	13,935	28	3,931	1,155	11,039	7,204	17,484	18,301
49	Total	5	32,168	63	1,438	135	3,257	2,337	6,466	12,148
50	Strawberries	82	3,681	44	3,398	989	13,137	6,368	0,186	6,528
51	Raspberries and loganberries	8	297	32	1,596	154	2,866	2,004	1,280	3,705
52	Nuts	4	70	9	252		118	81	91	322
53	Orchard fruits:	854	10,468	730	5,513	833	4,907	2,398	2,869	623,263
54	Total	8,754	137,315	5,080	67,015	15,564	69,681	29,885	58,282	5,253,621
55	Small fruits:	5	348	90	108	70	223	156	92	701
56	Total	21,164	715,791	151,354	165,827	79,034	371,699	212,752	119,041	619,209
57	Strawberries	5	185	82	67	34	110	62	7	28
58	Raspberries and loganberries	21,000	516,003	144,630	110,121	41,388	251,470	111,777	11,232	51,266
59	Nuts		105	17	17	16	71	58	68	650
60	Total	2	5,938		187	1,418	3,094	381	3,470	372
61	Total	100	31,548		3,750	44,712	85,066	1,730	112,491	7,847

TABLE 5.—SELECTED FARM EXPENSES

1	Labor	611	2,088	141	759	5,621	2,248	727	2,391	1,272
2	Farms reporting									
3	Cash expended	648,891	582,149	118,918	290,889	645,723	371,659	150,930	407,979	173,101
4	Rent and board furnished	229,799	214,074	79,212	51,417	227,339	130,199	61,766	144,071	47,430
5	Fertilizer	493	1,807	121	454	3,766	1,927	637	1,332	700
6	Farms reporting									
7	Amount expended	287,761	83,317	41,771	42,685	123,836	78,051	31,043	32,225	23,466
8	Feed	542	2,874	138	876	6,690	2,600	712	2,529	940
9	Farms reporting									
10	Amount expended	411,530	582,230	103,678	254,013	905,605	330,983	88,132	436,392	72,529
11	Receipts from sale of feedable crops	6,996	191,909	3,724	19,846	197,372	132,078	174,584	186,952	139,745

AGRICULTURE—NEW YORK.

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

	Seneca.	Steuben.	Suffolk.	Sullivan.	Tioga.	Tompkins.	Ulster.	Warren.	Washing- ton.	Wayne.	Westches- ter.	Wyoming.	Yates.
1	2,542,752	6,037,866	3,681,470	1,909,630	1,787,652	2,508,033	4,103,589	921,432	3,279,161	6,006,024	2,460,930	3,949,947	2,582,578
2	1,007,213	1,238,290	635,196	261,774	476,192	862,492	584,752	85,286	866,323	1,533,364	162,143	914,525	773,914
3	67,069	19,136	8,629	754	1,108	19,045	418	1,313	15,790	195,945	820	461,552	159,960
4	791,025	2,322,935	347,250	1,008,561	743,325	967,358	1,201,790	355,731	1,374,531	1,199,720	733,275	1,294,972	575,380
5	226,093	1,434,758	2,339,279	243,741	334,936	345,297	446,927	165,381	656,588	844,690	400,014	601,737	147,805
6	389,767	470,759	94,258	135,322	65,307	133,336	1,365,204	48,757	121,975	1,951,005	218,042	406,312	806,977
7	81,535	551,838	256,858	259,478	166,694	180,475	414,498	234,964	243,654	281,300	946,636	270,849	118,542
8	54,979	194,173	22,451	17,472	37,560	52,404	35,080	6,132	51,123	85,510	7,037	50,551	48,396
9	1,511,055	2,093,268	924,914	405,703	820,868	1,382,024	880,529	134,537	1,382,706	2,432,355	250,116	1,456,687	1,100,138
10	10,954	8,552	13,989	4,632	4,535	8,514	12,421	2,205	18,594	25,633	4,049	2,752	8,087
11	334,218	228,411	743,721	146,600	141,680	278,593	433,322	60,750	597,342	911,653	188,181	109,590	234,613
12	21,879	70,092	2,602	5,069	17,185	21,727	9,583	1,612	25,322	34,583	1,443	19,925	19,389
13	649,096	1,216,133	61,257	138,200	353,398	596,746	225,235	39,595	659,913	1,010,043	34,520	915,603	435,232
14	15,495	8,735	14	14	962	6,223	1,305	2	66	16,470	241	10,309	12,090
15	331,822	168,160	87,812	247	20,924	144,917	24,627	47	1,262	337,333	4,579	254,788	293,255
16	2,358	4,878	19	51	308	1,916	47	24	94	3,245	7	2,190	2,009
17	55,574	68,098	413	1,091	4,879	46,079	656	496	1,879	70,330	101	58,860	42,087
18	5,085	25,897	125	5,091	13,059	12,737	4,819	1,966	2,585	3,247	204	4,906	2,737
19	117,495	341,264	2,009	96,033	278,328	293,066	93,557	30,524	52,264	60,524	3,823	108,237	43,779
20	1,189	5,097	1,981	1,715	1,508	1,282	6,905	323	4,457	2,314	1,093	457	3,179
21	22,467	71,102	29,702	23,532	21,591	22,004	103,132	3,125	70,016	42,062	18,912	9,169	51,017
22	20	31	-----	4	4	82	1	5	13	98	1	120	26
23	274	433	-----	55	78	1,515	8	72	255	1,552	11	1,973	321
24	2,221	632	29	8	22	22	9	51	198	4,478	1	11,655	6,042
25	23,589	7,128	196	135	439	7,345	122	431	2,486	79,424	14	184,015	62,037
26	47,971	192,795	16,577	73,028	64,560	69,038	82,569	36,012	103,086	66,438	38,628	82,514	41,817
27	59,724	189,482	22,011	62,063	80,889	88,527	90,285	25,345	121,417	104,117	52,262	142,315	42,777
28	46,759	184,767	14,535	59,376	59,637	65,820	79,755	32,440	97,845	61,550	36,265	75,551	39,961
29	55,584	158,196	17,288	54,421	46,737	65,845	80,180	19,451	91,820	74,517	37,973	89,064	39,804
30	25,465	84,302	5,674	11,418	14,192	22,336	16,304	1,574	23,311	16,349	16,349	20,150	20,150
31	29,535	73,930	7,528	9,781	11,667	24,232	20,331	1,336	21,788	19,362	7,631	17,628	19,066
32	17,485	96,405	7,053	28,938	43,861	37,155	43,835	10,000	62,558	41,757	17,382	57,313	16,256
33	20,864	79,468	8,477	23,956	33,259	35,570	43,562	8,135	59,172	49,300	19,028	66,775	16,126
34	3,155	3,038	281	281	471	2,612	592	178	3,454	2,392	99	2,132	3,021
35	4,078	3,338	385	331	621	3,262	832	158	4,045	3,179	164	2,922	3,900
36	317	230	100	31	47	265	98	12	49	803	11	560	345
37	786	743	194	29	88	615	230	8	66	2,096	13	1,484	819
38	-----	142	111	825	474	176	399	376	105	85	398	114	61
39	-----	219	153	1,001	733	289	474	309	203	118	412	192	87
40	337	590	713	29,083	592	3,276	18,527	20,300	8,268	342	12,169	83	128
41	321	478	551	19,323	369	1,877	14,761	9,505	6,546	462	10,725	63	106
42	301	528	986	700	58	86	843	2,496	1,082	1,038	559	183	278
43	571	604	989	474	34	77	619	2,061	1,043	1,276	393	213	206
44	32	387	741	720	318	133	584	430	376	234	833	513	205
45	72	411	1,000	1,133	714	316	1,027	611	1,350	726	1,684	983	312
46	789	7,118	2,668	1,032	4,541	2,998	1,386	645	3,777	3,592	1,253	6,264	1,058
47	3,497	30,189	2,101	6,026	33,283	22,277	8,454	3,210	27,146	27,475	11,956	51,989	2,346
48	-----	7	-----	6	-----	1	1	-----	6	-----	18	3	5
49	-----	12	633	9	121	12	5	-----	58	123	246	66	49
50	2,833	30,524	15,407	3,312	5,960	4,908	4,282	1,882	10,443	9,280	1,757	9,879	2,667
51	290,310	3,279,953	2,200,178	259,461	729,523	689,360	293,415	163,673	1,375,013	1,049,202	147,853	1,493,071	235,657
52	1,440	2,737	7,050	803	599	913	2,346	844	1,052	5,022	1,715	952	1,411
53	-----	789	-----	98	-----	3	-----	-----	152	-----	-----	-----	-----
54	-----	979,886	20	-----	131,096	3,946	115	-----	100	185,935	-----	12	-----
55	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6
56	-----	900	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,200
57	1,518	74,797	-----	78,892	17,281	13,125	47,552	93,800	30,847	4,299	140	239,370	3,483
58	-----	23,744	-----	14,882	3,292	1,257	18,025	77,343	9,171	68	20	231,259	47
59	355	13,858	-----	19,414	6,790	4,112	12,338	12,938	8,133	1,292	42	43,302	938
60	307,429	310,814	79,253	174,061	100,632	191,077	688,792	81,702	136,177	1,153,372	171,250	316,763	274,938
61	405,556	368,620	53,398	322,216	101,567	192,837	949,753	65,539	140,229	3,558,213	279,899	644,313	299,702
62	123,437	248,951	27,760	159,258	150,567	119,084	240,933	75,557	111,009	812,410	139,937	270,801	161,161
63	276,604	338,957	28,431	315,058	90,324	154,058	667,571	63,514	128,006	3,304,167	253,870	624,899	238,600
64	81,440	8,200	3,382	4,905	34,090	313,971	181	185	166,854	16,172	3,683	48,356	48,356
65	61,279	3,154	16,096	1,809	2,001	17,833	196,190	-----	1	130,554	12,614	1,232	32,809
66	29,468	17,555	15,038	6,762	6,596	16,609	95,392	795	9,382	102,279	9,350	25,420	32,549
67	23,066	12,269	6,779	4,227	4,942	12,613	68,307	473	7,662	78,034	10,620	12,519	17,635
68	33,190	20,258	2,423	2,811	5,507	9,908	24,138	2,578	7,842	21,970	2,194	9,462	19,841
69	26,895	7,747	823	702	2,253	4,438	10,990	1,161	2,910	15,711	1,350	3,840	13,702
70	27,063	15,412	2,657	1,730	7,279	10,847	11,005	2,578	7,626	35,385	2,384	6,134	10,002
71	8,952	3,802	852	399	2,031	3,700	6,353	389	1,643	18,304	956	1,631	4,364
72	1,391	257	956	99	35	401	3,277	6	58	14,119	1,178	1,211	2,754
73	554	59	412	18	4	166	320	2	6	11,244	479	179	1,487
74	561,869	2,568,026	5,265	3,593	2,607	71,922	1,969,301	1,165	2,618	65,076	5,511	6,525	5,123,572
75	6,157,171	17,509,762	72,849	61,549	56,413	550,090	13,358,000	23,117	63,126	1,033,859	120,526	57,197	36,941,168
76	71	271	385	22	75	101	2,797	62	75	2,011	95	98	1,287
77	112,510	317,574	563,395	38,554	127,480	154,434	6,371,934	87,185	134,382	3,558,505	154,497	121,538	966,480
78	36	58	108	8	30	46	895	39	38	192	61	25	41
79	59,464	150,646	224,332	18,623	85,007	103,497	2,791,601	69,820	90,200	396,371	125,691	42,825	67,293
80	20	179	13	6	30	36	707	13	17	1,552	15	48	1,225
81	32,070	138,172	12,593	10,846	29,038	31,708	1,214,514	9,853	20,435	2,812,202	14,033	50,005	854,517
82	542	1,792	256	644	7,132	1,082	8,391	1,286	2,236	2,456	1,224	693	230
83	8,950	36,699	12,198	5,995	55,417	43,529	124,732	30,475	36,732	89,329	15,314	43,451	7,920

AND RECEIPTS, BY COUNTIES: 1909—Continued.

1	1,554	4,718	1,705	2,128	1,768	1,953	3,324	1,086	2,605	3,623	1,388	2,240	1,894
2	335,771	637,367	761,112	271,427	190,170	332,160	904,934	152,072	439,222	832,80			

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

	The State.	Albany.	Allegany.	Broome.	Cattaraugus.	Cayuga.	Chautauqua.	Chemung.	Chenango.	Clinton.
1	Inclosures reporting domestic animals...	111,573	2,359	1,882	1,504	1,025	2,061	1,121	1,213	1,646
2	Value of domestic animals.....dollars..	63,722,021	1,375,534	433,521	480,159	392,701	494,244	575,467	317,576	341,646
3	Cattle:									
4	Total number.....	47,508	553	1,552	349	1,487	581	241	408	1,242
5	Value.....dollars..	2,017,616	23,592	62,410	13,930	60,511	23,276	48,651	8,258	45,050
6	Number of dairy cows.....	32,225	491	1,134	282	1,158	432	894	176	957
7	Horses:									
8	Total number.....	303,256	6,120	2,216	2,573	2,314	2,872	3,312	1,911	2,037
9	Value.....dollars..	60,371,039	1,345,535	363,875	457,789	329,527	463,035	518,040	304,660	273,512
10	Number of mature horses.....	301,893	6,100	2,156	2,549	2,259	2,858	3,286	1,877	1,967
11	Mules and asses and burros:									
12	Total number.....	3,634	15	18	34	7	25	31	23	7
13	Value.....dollars..	742,143	1,405	3,550	5,852	1,960	4,550	5,175	3,900	1,225
14	Number of mature mules.....	3,448	13	18	25	5	21	29	23	7
15	Swine:									
16	Total number.....	32,316	417	329	221	391	307	346	85	241
17	Value.....dollars..	413,497	4,198	3,510	2,096	3,532	3,017	3,430	660	2,553
18	Sheep and goats:									
19	Total number.....	26,131	119	44	50	24	59	16	20	14
20	Value.....dollars..	177,735	804	176	512	171	366	162	98	85

	Columbia.	Cortland.	Delaware.	Dutchess.	Erie.	Essex.	Franklin.	Fulton.	Genesee.	Greene.
1	Inclosures reporting domestic animals...	1,441	912	1,326	1,942	7,049	1,151	1,326	1,036	1,027
2	Value of domestic animals.....dollars..	381,138	207,522	375,403	659,868	3,777,815	297,261	387,985	347,052	286,336
3	Cattle:									
4	Total number.....	592	295	732	492	6,489	1,004	970	311	615
5	Value.....dollars..	20,665	13,769	24,171	19,445	272,610	37,694	37,233	11,293	24,427
6	Number of dairy cows.....	421	196	497	382	1,190	794	731	250	462
7	Horses:									
8	Total number.....	2,127	1,345	2,190	3,590	17,146	1,744	2,245	1,804	1,649
9	Value.....dollars..	356,626	194,537	344,202	632,452	3,133,113	257,801	343,658	334,612	259,380
10	Number of mature horses.....	2,117	1,334	2,172	3,575	17,100	1,730	2,212	1,853	1,643
11	Mules and asses and burros:									
12	Total number.....	1	5	21	12	7	10	4	23	4
13	Value.....dollars..	100	1,075	2,925	2,350	60,028	390	1,235	400	500
14	Number of mature mules.....	1	5	12	12	273	3	6	22	4
15	Swine:									
16	Total number.....	427	133	426	626	9,808	145	507	48	135
17	Value.....dollars..	4,070	1,065	3,905	5,365	169,289	1,322	5,767	614	1,508
18	Sheep and goats:									
19	Total number.....	44	13	24	31	21,959	11	10	16	36
20	Value.....dollars..	277	76	200	256	142,775	54	92	133	176

	Hamilton.	Herkimer.	Jefferson.	Kings.	Lewis.	Livingston.	Madison.	Monroe.	Montgomery.	Nassau.
1	Inclosures reporting domestic animals...	127	1,165	2,714	5,811	667	1,521	1,273	3,507	2,968
2	Value of domestic animals.....dollars..	79,685	366,609	627,953	9,283,246	205,562	349,833	320,295	1,658,768	1,659,472
3	Cattle:									
4	Total number.....	171	441	947	755	332	922	467	662	1,682
5	Value.....dollars..	7,347	19,467	37,952	42,138	13,526	37,681	19,638	32,407	94,174
6	Number of dairy cows.....	134	319	679	703	254	728	317	531	1,319
7	Horses:									
8	Total number.....	323	2,039	4,043	38,238	1,244	2,086	1,940	8,845	6,576
9	Value.....dollars..	71,375	338,310	582,599	9,079,246	189,239	306,505	265,642	1,597,044	1,549,129
10	Number of mature horses.....	321	2,016	3,978	38,188	1,229	2,058	1,912	8,828	6,564
11	Mules and asses and burros:									
12	Total number.....	20	11	586	2	14	16	102	19	48
13	Value.....dollars..	5,410	600	160,644	700	1,730	1,915	20,146	4,420	9,540
14	Number of mature mules.....	17	1	668	2	10	9	89	18	46
15	Swine:									
16	Total number.....	57	321	678	20	243	289	289	359	461
17	Value.....dollars..	932	3,335	6,629	257	2,091	2,954	3,175	4,013	5,398
18	Sheep and goats:									
19	Total number.....	5	13	25	106	1	161	5	170	132
20	Value.....dollars..	31	87	173	961	6	963	25	5,158	1,231

	New York.	Niagara.	Oneida.	Onondaga.	Ontario.	Orange.	Orleans.	Oswego.	Otsego.	Putnam.
1	Inclosures reporting domestic animals...	3,956	1,916	2,667	2,950	1,560	2,366	1,463	1,534	419
2	Value of domestic animals.....dollars..	17,651,577	568,371	1,038,963	1,381,894	397,892	1,114,405	324,996	433,127	152,127
3	Cattle:									
4	Total number.....	901	728	832	720	573	613	436	1,021	111
5	Value.....dollars..	24,782	31,603	36,327	31,897	23,954	30,761	19,055	37,247	5,250
6	Number of dairy cows.....	225	565	628	513	453	494	345	703	81
7	Horses:									
8	Total number.....	73,780	3,080	5,402	7,189	2,309	5,575	1,871	2,547	798
9	Value.....dollars..	17,494,158	522,599	958,558	1,344,214	368,735	1,047,687	296,715	385,038	130,058
10	Number of mature horses.....	73,752	3,070	5,370	7,155	2,290	5,535	1,862	2,521	797
11	Mules and asses and burros:									
12	Total number.....	421	54	141	14	13	204	22	42	3
13	Value.....dollars..	69,670	11,920	39,340	3,235	1,925	32,910	3,850	7,960	16,165
14	Number of mature mules.....	411	53	140	12	12	196	20	41	104
15	Swine:									
16	Total number.....	4,067	234	411	214	303	297	443	258	58
17	Value.....dollars..	58,609	1,728	4,466	2,287	3,042	2,822	4,657	2,655	636
18	Sheep and goats:									
19	Total number.....	540	95	41	18	29	26	123	48	4
20	Value.....dollars..	4,378	521	272	261	236	225	719	227	18

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

	Queens.	Rensse- laer.	Rich- mond.	Rock- land.	St. Law- rence.	Saratoga.	Schenec- tady.	Schoharie.	Schuyler.	Seneca.	Steuben.
1 Inclosures reporting domestic animals..	3,464	2,120	1,476	1,434	2,905	1,458	941	850	515	771	2,440
2 Value of domestic animals.....dollars..	2,268,322	844,876	660,900	592,895	679,988	460,291	366,247	160,249	110,488	168,466	572,284
Cattle:											
3 Total number.....	839	598	385	908	1,303	648	92	312	210	334	1,314
4 Value.....dollars..	51,710	24,788	20,429	34,624	53,608	27,455	4,090	11,773	8,630	13,463	45,487
5 Number of dairy cows.....	796	455	357	575	973	544	82	238	157	243	976
Horses:											
6 Total number.....	9,802	4,346	3,459	2,766	4,341	2,538	2,039	1,067	676	1,038	3,379
7 Value.....dollars..	2,193,944	812,532	637,816	551,254	619,105	426,506	361,115	144,605	100,437	152,019	516,949
8 Number of mature horses.....	9,792	4,322	3,454	2,765	4,277	2,520	2,033	1,059	669	1,021	3,320
Mules and asses and burros:											
9 Total number.....	97	21	13	27	4	12	3	3	2	6	27
10 Value.....dollars..	18,140	3,525	1,355	3,535	410	1,800	215	550	250	640	5,800
11 Number of mature mules.....	87	19	10	21	2	11	1	3	2	5	22
Swine:											
12 Total number.....	103	350	27	298	701	376	51	288	118	226	363
13 Value.....dollars..	1,110	3,427	216	2,975	6,481	4,429	454	3,211	1,118	2,160	3,743
Sheep and goats:											
14 Total number.....	409	152	137	59	74	20	52	20	10	17	51
15 Value.....dollars..	3,418	634	1,054	507	384	101	373	110	53	184	305

	Suffolk.	Sullivan.	Tioga.	Tomp- kins.	Ulster.	Warren.	Washing- ton.	Wayne.	Westches- ter.	Wyoming.	Yates.
1 Inclosures reporting domestic animals..	2,798	866	807	913	3,022	991	1,428	1,355	4,366	1,112	569
2 Value of domestic animals.....dollars..	895,381	252,997	188,463	240,573	891,143	360,575	396,442	330,246	2,791,648	249,943	132,039
Cattle:											
3 Total number.....	2,132	529	304	361	1,085	648	525	436	1,663	453	240
4 Value.....dollars..	104,278	18,796	10,984	14,085	37,618	24,131	20,190	18,476	100,345	18,618	9,964
5 Number of dairy cows.....	1,548	400	231	279	814	547	396	334	1,288	339	193
Horses:											
6 Total number.....	5,060	1,494	1,191	1,560	4,340	1,711	2,229	1,984	12,665	1,587	815
7 Value.....dollars..	763,650	228,380	175,331	223,945	720,880	334,518	357,379	307,405	2,644,899	226,624	120,550
8 Number of mature horses.....	5,049	1,482	1,165	1,546	4,320	1,678	2,211	1,974	12,652	1,571	805
Mules and asses and burros:											
9 Total number.....	72	12	8	7	525	.....	153	5	154	8	.....
10 Value.....dollars..	13,058	2,350	1,000	1,000	119,780	.....	15,950	900	38,200	1,800	.....
11 Number of mature mules.....	62	12	7	7	522	.....	153	3	146	8	.....
Swine:											
12 Total number.....	1,208	283	100	147	1,368	132	225	331	453	252	134
13 Value.....dollars..	12,277	3,231	970	1,137	12,258	1,482	2,728	3,353	5,073	2,549	1,467
Sheep and goats:											
14 Total number.....	247	29	29	51	106	89	5	20	299	35	10
15 Value.....dollars..	2,118	240	178	406	607	444	195	112	3,131	352	58